Забелязани независими цитирания на избраните публикации на чл.-кор. Стойчо Язаджиев, представени за конкурса за академик на БАН, 2024

01.06.2024

Брой на избраните публикации: **148**

Забелязани независими цитирания на избраните 148 публикации: **5 843**

H-индексът, базиран на независимите цитирания на избраните публикации е **H=41**.

Статии, формиращи H-индекса: A7, A10, A29, A36, A42, A43, A50, A52, A53, A54, A55, A57, A60, A61, A66, A68, A73, A76, A77, A78, A79, A80, A82, A84, A85, A86, A93, A96, A105, A112, A114, A117, A118, A120, A123, A124, A127, A128, A133, A134, A145

A.1. E. Babichev, C. Charmousis, D. D. Doneva, G. N. Gyulchev and **S. S. Yazadjiev**, "Testing disformal non-circular deformation of Kerr black holes with LISA," accepted in JCAP (2024)

[arXiv:2403.16192 [gr-qc]]

Забелязани независими цитати:

(1) R. Ghosh, K. Chakravarti, "Parameterized Non-circular Deviation from the Kerr Paradigm and Its Observational Signatures: Extreme Mass Ratio Inspirals and Lense-Thirring Effect," [arXiv:2406.02454 [gr-qc]]

(2) S. Kumar, R. K. Singh, A. Chowdhuri and A. Bhattacharyya, "Exploring waveforms with non-GR deviations for extreme mass-ratio inspirals," [arXiv:2405.18508 [gr-qc]].

(3) A. Bakopoulos, N. Chatzifotis and T. Karakasis,"Thermodynamics of black holes featuring primary scalar hair," [arXiv:2404.07522 [hep-th]].

A.2. D. Doneva, L. Salo, K. Clough, P. Figueras, **S. Yazadjiev**, "Testing the limits of scalar-Gauss-Bonnet gravity through nonlinear evolutions of spin-induced scalarization," Phys.Rev.D 108 (2023) 8, 084017

[arXiv:2307.06474 [gr-qc]]

Забелязани независими цитати:

(1) P. G. S. Fernandes, C. Burrage, A. Eichhorn and T. P. Sotiriou, Phys. Rev. D **109**, no.10, 104033 (2024) doi:10.1103/PhysRevD.109.104033 [arXiv:2403.14596 [gr-qc]].

(2) E. de Jong, [arXiv:2403.02878 [astro-ph.CO]].

(3) F. Corelli, "Tackling conceptual problems in gravity with numerically simulated gedanken experiments," PhD thesis, U. Rome La Sapienza (2024)

(4) H. Guo, W. L. Qian and B. Wang, "Phase structure of holographic superconductors in an Einstein-scalar-Gauss-Bonnet theory with spontaneous scalarization," [arXiv:2401.09846 [gr-qc]].

(5) F. L. Julié, "Dynamical scalarization in Schwarzschild binary inspirals," [arXiv:2312.16764 [gr-qc]].

(6) A. Eichhorn, P. G. S. Fernandes, A. Held and H. O. Silva, "Breaking black-hole uniqueness at supermassive scales," [arXiv:2312.11430 [gr-qc]].

(7) N. Afshordi *et al.* [LISA Consortium Waveform Working Group], "Waveform Modelling for the Laser Interferometer Space Antenna," [arXiv:2311.01300 [gr-qc]].

(8) Eloy de Jong, "Primordial black hole formation processes with full numerical relativity," PhD thesis, King's College London (2024)

(9) S. E. Brady, L. Aresté Saló, K. Clough, P. Figueras and A. P. S., Phys. Rev. D **108**, no.10, 104022 (2023) doi:10.1103/PhysRevD.108.104022 [arXiv:2308.16791 [gr-qc]].

A.3. V. Deliyski, G. Gyulchev, P. Nedkova, **S. Yazadjiev**, "Polarized image of equatorial emission in horizonless spacetimes: Naked singularities," Phys.Rev.D 108 (2023) 10, 104049

[arXiv:2303.14756 [gr-qc]]

Забелязани независими цитати:

(1) S. Guo, Y. X. Huang, K. Liu, E. W. Liang and K. Lin, [arXiv:2405.12808 [gr-qc]].

(2) H. Huang, J. Kunz and D. Mitra, JCAP **05**, 007 (2024) doi:10.1088/1475-7516/2024/05/007 [arXiv:2401.15249 [gr-qc]].

(3) D. Ayzenberg, L. Blackburn, R. Brito, S. Britzen, A. Broderick, R. Carballo-Rubio, V. Cardoso, A. Chael, K. Chatterjee and Y. Chen, *et al.* [arXiv:2312.02130 [astro-ph.HE]].

(4) K. Pal, K. Pal, R. Shaikh and T. Sarkar, JCAP **11**, 060 (2023) doi:10.1088/1475-7516/2023/11/060 [arXiv:2305.07518 [gr-qc]].

A.4. K. Staykov, D. Doneva, L. Heisenberg, N. Stergioulas, **S. Yazadjiev**, "Differentially rotating scalarized neutron stars with realistic postmerger profiles," Phys.Rev.D 108 (2023) 2, 024058

[arXiv:2303.07769 [gr-qc]]

Забелязани независими цитати:

(1) M. Cassing, L. Rezzolla, "Realistic models of general-relativistic differentially rotating stars", [arXiv:2405.06609 [gr-qc]]

(2) I. Z. Stefanov, "Chi-square test of the relativistic precession model through the neutron star IGR J17511-3057," [arXiv:2308.15759 [astro-ph.HE]].

(3) P. N. Moreno, F. J. Llanes-Estrada and E. Lope-Oter, Annals Phys. **459**, 169487 (2023) doi:10.1016/j.aop.2023.169487 [arXiv:2307.15366 [nucl-th]].

(4) S. R. Mohanty, S. Ghosh and B. Kumar, [arXiv:2304.02439 [nucl-th]].

A.5. Hao-Jui Kuan, A. Lam, D. Doneva, **S. Yazadjiev**, M. Shibata, K. Kiuchi, "Dynamical scalarization during neutron star mergers in scalar-Gauss-Bonnet theory," Phys.Rev.D 108 (2023) 6, 063033

[arXiv:2302.11596 [gr-qc]]

Забелязани независими цитати:

(1) D. Pesios, I. Koutalios, D. Kugiumtzis, and N. Stergioulas, "Predicting Binary Neutron Star Postmerger Spectra Using Artificial Neural Networks," [arXiv:2405.09468 [gr-qc]]

(2) F. Corelli, "Tackling conceptual problems in gravity with numerically simulated gedanken experiments," PhD thesis, U. Rome La Sapienza (2024)

(3) N. Afshordi *et al.* [LISA Consortium Waveform Working Group], [arXiv:2311.01300 [gr-qc]].

(4) L. Aresté Saló, K. Clough and P. Figueras, Phys. Rev. D **108**, no.8, 084018 (2023) doi:10.1103/PhysRevD.108.084018 [arXiv:2306.14966 [gr-qc]].

A.6. S. Bahamonde, D. Doneva, L. Ducobu, C. Pfeifer, **S. Yazadjiev**, "Spontaneous scalarization of black holes in Gauss-Bonnet teleparallel gravity," Phys.Rev.D 107 (2023) 10, 104013

[arXiv:2212.07653 [gr-qc]]

Забелязани независими цитати:

(1) A. Landry, "Static spherically symmetric perfect fluid solutions in teleparallel F(T) gravity," [arXiv:2405.09257 [gr-qc]]

(2) M. Carrasco-H., N.M. Santos, E. Contreras, Physics of the Dark Universe (2024); https://doi.org/10.1016/j.dark.2024.101529

(3) K. F. Dialektopoulos, D. Malafarina and N. Dadhich, Phys. Rev. D **108**, no.4, 044080 (2023) doi:10.1103/PhysRevD.108.044080 [arXiv:2306.10872 [gr-qc]].

(4) Y. Kehal, K. Nouicer and H. Boumaza, JCAP **05**, 057 (2024) doi:10.1088/1475-7516/2024/05/057 [arXiv:2305.12155 [gr-qc]].

(5) A. Bakopoulos and T. Nakas, Phys. Rev. D **107**, no.12, 124035 (2023) doi:10.1103/PhysRevD.107.124035 [arXiv:2303.09116 [gr-qc]].

(6) S. A. Kadam, B. Mishra and J. Levi Said, Phys. Scripta **98**, no.4, 045017 (2023) doi:10.1088/1402-4896/acc0ac [arXiv:2210.06166 [gr-qc]].

A.7. D. Doneva, F. Ramazanoglu, H. Silva, T. Sotiriou, **S. Yazadjiev**, "Spontaneous scalarization," Rev.Mod.Phys. 96 (2024) 1, 015004

[arXiv:2211.01766 [gr-qc]]

Забелязани независими цитати:

(1) I. van Gemeren, T. Hinderer and S. Vandoren, "Massive scalar clouds and black hole space-times in Gauss-Bonnet gravity," [arXiv:2405.13737 [gr-qc]].

(2) A. Arapoglu, S. Cagan, A. Catal-Ozer, "Stability of the Cosmological Dynamics of O(D,D)-complete Stringy Gravity," [arXiv:2405.07825 [gr-qc]]

(3) M. Carrasco-H., N.M. Santos, E. Contreras, Physics of the Dark Universe (2024); https://doi.org/10.1016/j.dark.2024.101529

(4) H. Xu, Y. Zhan and S. J. Zhang, "Tachyonic instability and spontaneous scalarization in parameterized Schwarzschild-like black holes," [arXiv:2403.19392 [gr-qc]].

(5) G. Lara, H. P. Pfeiffer, N. A. Wittek, N. L. Vu, K. C. Nelli, A. Carpenter, G. Lovelace, M. A. Scheel and W. Throwe, "Scalarization of isolated black holes in scalar Gauss-Bonnet theory in the fixing-the-equations approach," [arXiv:2403.08705 [gr-qc]].

(6) M. Colpi, K. Danzmann, M. Hewitson, P. Jetzer, G. Nelemans, A. Petiteau, D. Shoemaker, C. Sopuerta, R. Stebbins and N. Tanvir, *et al.* "LISA Definition Study Report," [arXiv:2402.07571 [astro-ph.CO]].

(7) H. Huang, J. Kunz and D. Mitra, JCAP **05**, 007 (2024) doi:10.1088/1475-7516/2024/05/007 [arXiv:2401.15249 [gr-qc]].

(8) F. Corelli, "Tackling conceptual problems in gravity with numerically simulated gedanken experiments," PhD thesis, U. Rome La Sapienza (2024)

(9) E. Cannizzaro, "Searching for new physics in the neighborhood of a black hole: fundamental interactions, plasmas and tests of gravity," PhD thesis, U. Rome La Sapienza (2024)

(10) Z. F. Mai, R. Xu, D. Liang and L. Shao, Phys. Rev. D **109**, no.8, 084076 (2024) doi:10.1103/PhysRevD.109.084076 [arXiv:2401.07757 [gr-qc]].

(11) N. Stergioulas, "Machine Learning Applications in Gravitational Wave Astronomy," [arXiv:2401.07406 [gr-qc]].

(12) F. L. Julié, "Dynamical scalarization in Schwarzschild binary inspirals," [arXiv:2312.16764 [gr-qc]].

(13) W. Xiong, C. Y. Zhang and P. C. Li, "The rotating solutions beyond the spontaneous scalarization in Einstein-Maxwell-scalar theory," [arXiv:2312.11879 [gr-qc]].

(14) R. Carballo-Rubio, H. Delaporte, A. Eichhorn and A. Held, "Disentangling photon rings beyond General Relativity with future radio-telescope arrays," [arXiv:2312.11351 [gr-qc]].

(15) S. Kiorpelidi, T. Karakasis, G. Koutsoumbas and E. Papantonopoulos, Phys. Rev. D **109**, no.2, 024033 (2024) doi:10.1103/PhysRevD.109.024033 [arXiv:2311.10858 [gr-qc]].

(16) N. Caceres, C. Corral, F. Diaz and R. Olea, JHEP **04**, 152 (2024) doi:10.1007/JHEP04(2024)152 [arXiv:2311.04054 [hep-th]].

(17) N. Afshordi *et al.* [LISA Consortium Waveform Working Group], "Waveform Modelling for the Laser Interferometer Space Antenna," [arXiv:2311.01300 [gr-qc]].

(18) L. Pizzuti and A. M. Pombo, Phys. Dark Univ. **43**, 101427 (2024) doi:10.1016/j.dark.2024.101427 [arXiv:2310.18399 [gr-qc]].

(19) J. Lestingi, E. Cannizzaro and P. Pani, Phys. Rev. D **109**, no.4, 044052 (2024) doi:10.1103/PhysRevD.109.04 [arXiv:2310.07772 [gr-qc]].

(20) T. Evstafyeva, R. Rosca-Mead, U. Sperhake and B. Brugmann, Phys. Rev. D **108**, no.10, 104064 (2023) doi:10.1103/PhysRevD.108.104064 [arXiv:2310.05200 [gr-qc]].

(21) K. F. Dialektopoulos, J. Levi Said and Z. Oikonomopoulou, Phys. Dark Univ. **42**, 101350 (2023) doi:10.1016/j.dark.2023.101350

(22) Y. S. Myung, Eur. Phys. J. C **83**, no.12, 1137 (2023) doi:10.1140/epjc/s10052-023-12327-8 [arXiv:2309.13778 [gr-qc]].

(23) E. Babichev, C. Charmousis and N. Lecoeur, "Exact black hole solutions in higher-order scalar-tensor theories," [arXiv:2309.12229 [gr-qc]].

(24) I. Liodis, E. Smirniotis and N. Stergioulas, Phys. Rev. D **109**, no.10, 104008 (2024) doi:10.1103/PhysRevD.109.104008 [arXiv:2309.03991 [gr-qc]].

(25) H. J. Kuan, K. Van Aelst, A. T. L. Lam and M. Shibata, Phys. Rev. D **108**, no.6, 064057 (2023) doi:10.1103/PhysRevD.108.064057 [arXiv:2309.01709 [gr-qc]].

(26) K. Springmann, "How Light Scalars Change the Stellar Landscape," PhD thesis, Munich, Tech. U. (2023)

(27) G. Creci, T. Hinderer and J. Steinhoff, Phys. Rev. D **108**, no.12, 124073 (2023) doi:10.1103/PhysRevD.108.1 [arXiv:2308.11323 [gr-qc]].

(28) J. M. Z. Pretel, S. E. Jorás, R. R. R. Reis, S. B. Duarte and J. D. V. Arbañil, Phys. Dark Univ. **43**, 101394 (2024) doi:10.1016/j.dark.2023.101394 [arXiv:2308.00203 [gr-qc]].

(29) S. Ma, "Topics in Gravitational Wave Physics: Black-Hole Spectroscopy, Neutron Star Dynamical Tides, and Numerical Relativity," PhD thesis, CALIFORNIA INSTITUTE OF TECHNOLOGY (2023)

(30) R. Balkin, J. Serra, K. Springmann, S. Stelzl and A. Weiler, [arXiv:2307.14418 [hep-ph]].

(31) L. Annulli and C. A. R. Herdeiro, Phys. Lett. B **845**, 138137 (2023) doi:10.1016/j.physletb.2023.138137 [arXiv:2307.10368 [gr-qc]].

(32) L. Aresté Saló, K. Clough and P. Figueras, Phys. Rev. D **108**, no.8, 084018 (2023) doi:10.1103/PhysRevD.108.084018 [arXiv:2306.14966 [gr-qc]].

(33) K. F. Dialektopoulos, D. Malafarina and N. Dadhich, Phys. Rev. D **108**, no.4, 044080 (2023) doi:10.1103/PhysRevD.108.044080 [arXiv:2306.10872 [gr-qc]].

(34) J. Y. Jiang, Q. Chen, Y. Liu, Y. Tian, W. Xiong, C. Y. Zhang and B. Wang, Sci. China Phys. Mech. Astron. **67**, no.2, 220411 (2024) doi:10.1007/s11433-023-2231-5 [arXiv:2306.10371 [gr-qc]].

(35) C. Burrage, P. G. S. Fernandes, R. Brito and V. Cardoso, Class. Quant. Grav. **40**, no.20, 205021 (2023) doi:10.1088/1361-6382/acf9d6 [arXiv:2306.03662 [gr-qc]].

(36) S. Munoz, "FeynMG: Automating particle physics calculations in scalar-tensor theories," PhD thesis, University of Nottingham (2023)

(37) H. J. Lin, T. Zhu, S. J. Zhang and A. Wang, Phys. Rev. D **108**, no.4, 044005 (2023) doi:10.1103/PhysRevD.108.044005 [arXiv:2305.15733 [gr-qc]].

(38) C. Richards, A. Dima and H. Witek, Phys. Rev. D **108**, no.4, 044078 (2023) doi:10.1103/PhysRevD.108.0440 [arXiv:2305.07704 [gr-qc]].

(39) M. Minamitsuji and S. Mukohyama, Phys. Rev. D **108**, no.2, 024029 (2023) doi:10.1103/PhysRevD.108.0240 [arXiv:2305.05185 [gr-qc]].

(40) S. Ma, V. Varma, L. C. Stein, F. Foucart, M. D. Duez, L. E. Kidder, H. P. Pfeiffer and M. A. Scheel, Phys. Rev. D **107**, no.12, 124051 (2023) doi:10.1103/PhysRevD.107.124051 [arXiv:2304.11836 [gr-qc]].

(41) S. J. Zhang, Eur. Phys. J. C **83**, no.10, 950 (2023) doi:10.1140/epjc/s10052-023-12144-z [arXiv:2304.08092 [gr-qc]].

(42) D. Y. Hong, Z. H. Wang and S. Y. Zhou, JHEP **10**, 135 (2023) doi:10.1007/JHEP10(2023)135 [arXiv:2304.01259 [hep-th]].

(43) Z. Hu, X. Miao and L. Shao, [arXiv:2303.17185 [astro-ph.HE]].

(44) A. Bakopoulos and T. Nakas, Phys. Rev. D **107**, no.12, 124035 (2023) doi:10.1103/PhysRevD.107.124035 [arXiv:2303.09116 [gr-qc]].

(45) Z. Haghani and T. Harko, Phys. Rev. D **107**, no.6, 064068 (2023) doi:10.1103/PhysRevD.107.064068 [arXiv:2303.10339 [gr-qc]].

(46) L. Heisenberg, N. Yunes and J. Zosso, Phys. Rev. D **108**, no.2, 024010 (2023) doi:10.1103/PhysRevD.108.024 [arXiv:2303.02021 [gr-qc]].

(47) H. Xu and S. J. Zhang, Nucl. Phys. B **987**, 116110 (2023) doi:10.1016/j.nuclphysb.2023.116110 [arXiv:2302.05023 [gr-qc]].

(48) J. Bamber, "Fundamental physics with black holes and scalar fields," PhD thesis, University of Oxford (2023)

(49) B. Kleihaus and J. Kunz, Astron. Rep. **67**, no.Suppl 2, S108-S114 (2023) doi:10.1134/S106377292314010X

(50) F. L. Julié, V. Baibhav, E. Berti and A. Buonanno, Phys. Rev. D **107**, no.10, 104044 (2023) doi:10.1103/PhysRevD.107.104044 [arXiv:2212.13802 [gr-qc]].

(51) P. G. S. Fernandes and D. J. Mulryne, Class. Quant. Grav. **40**, no.16, 165001 (2023) doi:10.1088/1361-6382/ace232 [arXiv:2212.07293 [gr-qc]].

(52) S. Barsanti, A. Maselli, T. P. Sotiriou and L. Gualtieri, Phys. Rev. Lett. **131**, no.5, 051401 (2023) doi:10.1103/PhysRevLett.131.051401 [arXiv:2212.03888 [gr-qc]].

(53) D. Benisty, P. Brax and A. C. Davis, Phys. Rev. D **107**, no.6, 064049 (2023) doi:10.1103/PhysRevD.107.0640 [arXiv:2212.03098 [gr-qc]].

(54) Sizheng Ma, doi:10.7907/0t48-ka91

(55) A. H. K. R, E. R. Most, J. Noronha, H. Witek and N. Yunes, Phys. Rev. D **107**, no.10, 104047 (2023) doi:10.1103/PhysRevD.107.104047 [arXiv:2212.02039 [gr-qc]].

(56) T. Jain, P. Rettegno, M. Agathos, A. Nagar and L. Turco, Phys. Rev. D **107**, no.8, 084017 (2023) doi:10.1103/PhysRevD.107.084017 [arXiv:2211.15580 [gr-qc]].

(57) K. F. Dialektopoulos, J. Levi Said and Z. Oikonomopoulou, [arXiv:2211.06076 [gr-qc]].

(58) M. Zhang and J. Jiang, Phys. Rev. D **107**, no.4, 044002 (2023) doi:10.1103/PhysRevD.107.044002 [arXiv:2211.03650 [gr-qc]].

(59) G. A. Piovano, A. Maselli and P. Pani, Phys. Rev. D **107**, no.2, 024021 (2023) doi:10.1103/PhysRevD.107.024 [arXiv:2207.07452 [gr-qc]].

A.8. D. Doneva, L. Collodel, **S. Yazadjiev**, "Spontaneous nonlinear scalarization of Kerr black holes," Phys.Rev.D 106 (2022) 10, 104027

[arXiv:2208.02077 [gr-qc]]

Забелязани независими цитати:

(1) M. Carrasco-H., N.M. Santos, E. Contreras, Physics of the Dark Universe (2024); https://doi.org/10.1016/j.dark.2024.101529

(2) C. M. Zhang, Z. H. Yang, M. Y. Lai, Y. S. Myung and D. C. Zou, [arXiv:2404.19521 [gr-qc]].

(3) M. Minamitsuji and K. i. Maeda, [arXiv:2403.08986 [gr-qc]].

(4) H. Guo, W. L. Qian and B. Wang, [arXiv:2401.09846 [gr-qc]].

(5) M. Minamitsuji and K. i. Maeda, Phys. Rev. D **108**, no.8, 084061 (2023) doi:10.1103/PhysRevD.108.084061 [arXiv:2308.01082 [gr-qc]].

(6) L. Aresté Saló, K. Clough and P. Figueras, Phys. Rev. D **108**, no.8, 084018 (2023) doi:10.1103/PhysRevD.108.084018 [arXiv:2306.14966 [gr-qc]].

(7) J. Y. Jiang, Q. Chen, Y. Liu, Y. Tian, W. Xiong, C. Y. Zhang and B. Wang, Sci. China Phys. Mech. Astron. **67**, no.2, 220411 (2024) doi:10.1007/s11433-023-2231-5 [arXiv:2306.10371 [gr-qc]].

(8) K. Hajian, J. Kunz, Proc. of he Sixteenth Marcel Grossmann Meeting, pp. 1372-1390 (2023)

(9) H. J. Lin, T. Zhu, S. J. Zhang and A. Wang, Phys. Rev. D **108**, no.4, 044005 (2023) doi:10.1103/PhysRevD.108.044005 [arXiv:2305.15733 [gr-qc]].

(10) M. Minamitsuji and S. Mukohyama, Phys. Rev. D **108**, no.2, 024029 (2023) doi:10.1103/PhysRevD.108.0240 [arXiv:2305.05185 [gr-qc]].

(11) M. Y. Lai, D. C. Zou, R. H. Yue and Y. S. Myung, Phys. Rev. D **108**, no.8, 084007 (2023) doi:10.1103/PhysRevD.108.084007 [arXiv:2304.08012 [gr-qc]].

(12) A. Bakopoulos and T. Nakas, Phys. Rev. D **107**, no.12, 124035 (2023) doi:10.1103/PhysRevD.107.124035 [arXiv:2303.09116 [gr-qc]].

(13) Z. Haghani and T. Harko, Phys. Rev. D **107**, no.6, 064068 (2023) doi:10.1103/PhysRevD.107.064068 [arXiv:2303.10339 [gr-qc]].

(14) E. S. Demirboğa, Y. E. Şahin and F. M. Ramazanoğlu, Phys. Rev. D **108**, no.2, 024028 (2023) doi:10.1103/PhysRevD.108.024028 [arXiv:2303.01910 [gr-qc]].

(15) M. Y. Lai, Y. S. Myung, R. H. Yue and D. C. Zou, Phys. Rev. D **106**, no.8, 084043 (2022) doi:10.1103/PhysRevD.106.084043 [arXiv:2208.11849 [gr-qc]].

A.9. V. Delijski, G. Gyulchev, P. Nedkova, **S. Yazadjiev**, "Polarized image of equatorial emission in horizonless spacetimes: Traversable wormholes," Phys.Rev.D 106 (2022) 10, 104024

[arXiv:2206.09455 [gr-qc]]

Забелязани независими цитати:

(1) S. Guo, Y. X. Huang, K. Liu, E. W. Liang and K. Lin, [arXiv:2405.12808 [gr-qc]].

(2) J. Claros and E. Gallo, [arXiv:2403.18543 [gr-qc]].

(3) C. Y. Chen and Y. Yokokura, [arXiv:2403.09388 [gr-qc]].

(4) H. Huang, J. Kunz and D. Mitra, JCAP **05**, 007 (2024) doi:10.1088/1475-7516/2024/05/007 [arXiv:2401.15249 [gr-qc]].

(5) D. Ayzenberg, L. Blackburn, R. Brito, S. Britzen, A. Broderick, R. Carballo-Rubio, V. Cardoso, A. Chael, K. Chatterjee and Y. Chen, *et al.* [arXiv:2312.02130 [astro-ph.HE]].

(6) H. Huang, J. Kunz, J. Yang and C. Zhang, Phys. Rev. D **107**, no.10, 104060 (2023) doi:10.1103/PhysRevD.107.104060 [arXiv:2303.11885 [gr-qc]].

(7) S. Chen, J. Jing, W. L. Qian and B. Wang, Sci. China Phys. Mech. Astron. **66**, no.6, 260401 (2023) doi:10.1007/s11433-022-2059-5 [arXiv:2301.00113 [astro-ph.HE]].

(8) R. Carballo-Rubio, V. Cardoso and Z. Younsi, Phys. Rev. D **106**, no.8, 084038 (2022) doi:10.1103/PhysRevD.106.084038 [arXiv:2208.00704 [gr-qc]].

A.10. K. G. Arun, ..., **S. Yazadjiev**, et al., "New horizons for fundamental physics with LISA," Living Rev.Rel. 25 (2022) 1, 4

[arXiv:2205.01597 [gr-qc]]

Забелязани независими цитати:

(1) F. Thaalba, G. Ventagli and T. P. Sotiriou, [arXiv:2405.10287 [gr-qc]].

(2) O. Yanchyshen and C. Lämmerzahl, [arXiv:2405.01991 [gr-qc]].

(3) A. Gupta, K. G. Arun, E. Barausse, L. Bernard, E. Berti, S. A. Bhat, A. Buonanno, V. Cardoso, S. Y. Cheung and T. A. Clarke, *et al.* [arXiv:2405.02197 [gr-qc]].

(4) S. Pi, [arXiv:2404.06151 [astro-ph.CO]].

(5) S. Datta, R. Brito, S. A. Hughes, T. Klinger and P. Pani, [arXiv:2404.04013 [gr-qc]].

(6) N. Becker, [arXiv:2404.02808 [gr-qc]].

(7) R. Boey, Y. Wang, E. Kendall and R. Easther, [arXiv:2403.09038 [astro-ph.CO]].

(8) M. Colleoni, N. V. Krishnendu, P. Mourier, S. Bera and X. Jiménez-Forteza, [arXiv:2403.07682 [gr-qc]].

(9) R. Gaur, [arXiv:2403.07302 [gr-qc]].

(10) A. Duran-Cabacés and D. Sáez-Chillón Gómez, [arXiv:2403.04683 [gr-qc]].

(11) M. Bošković, M. Koschnitzke and R. A. Porto, [arXiv:2403.02415 [gr-qc]].

(12) T. Zi, Phys. Lett. B **850**, 138538 (2024) doi:10.1016/j.physletb.2024.138538

(13) M. Lenzi and C. F. Sopuerta, Phys. Rev. D **109**, no.8, 084030 (2024) doi:10.1103/PhysRevD.109.084030 [arXiv:2402.10004 [gr-qc]].

(14) N. Loutrel, S. Mukherjee, A. Maselli and P. Pani, [arXiv:2402.08883 [gr-qc]].

(15) M. Colpi, K. Danzmann, M. Hewitson, P. Jetzer, G. Nelemans, A. Petiteau, D. Shoemaker, C. Sopuerta, R. Stebbins and N. Tanvir, *et al.* [arXiv:2402.07571 [astro-ph.CO]].

(16) J. Tan, J. d. Zhang, H. M. Fan and J. Mei, [arXiv:2402.05752 [gr-qc]].

(17) E. Cannizzaro, "Searching for new physics in the neighborhood of a black hole: fundamental interactions, plasmas and tests of gravity," PhD thesis, U. Rome La Sapienza (2024)

(18) A. Cárdenas-Avendaño and C. F. Sopuerta, [arXiv:2401.08085 [gr-qc]].

(19) D. Montalvo, A. Smith-Orlik, S. Rastgoo, L. Sagunski, N. Becker and H. Khan, [arXiv:2401.06084 [gr-qc]].

(20) L. Heisenberg, G. Xu and J. Zosso, [arXiv:2401.05936 [gr-qc]].

(21) W. Luo, C. Liu and Z. K. Guo, Eur. Phys. J. C **84**, no.4, 394 (2024) doi:10.1140/epjc/s10052-024-12735-4 [arXiv:2401.03669 [gr-qc]].

(22) L. London and M. Gurevich, [arXiv:2312.17680 [gr-qc]].

(23) L. T. London, [arXiv:2312.17678 [gr-qc]].

(24) S. S. Bohra, S. Sarkar and A. A. Sen, Phys. Rev. D **109**, no.10, 104021 (2024) doi:10.1103/PhysRevD.109.104 [arXiv:2312.07295 [gr-qc]].

(25) A. Cárdenas-Avendaño and A. Held, Phys. Rev. D **109**, no.6, 064052 (2024) doi:10.1103/PhysRevD.109.0640 [arXiv:2312.06590 [gr-qc]].

(26) Q. Yun, W. B. Han, Y. Y. Guo, H. Wang and M. Du, [arXiv:2311.18640 [gr-qc]].

(27) J. Mei, [arXiv:2311.18409 [gr-qc]].

(28) G. D'Addario, A. Padilla, P. M. Saffin, T. P. Sotiriou and A. Spiers, [arXiv:2311.17666 [gr-qc]].

(29) I. D. Saltas and R. Oliveri, [arXiv:2311.17174 [gr-qc]].

(30) T. Zhao, R. Shi, Y. Zhou, Z. Cao and Z. Ren, [arXiv:2311.15585 [gr-qc]].

(31) T. Zi and P. C. Li, Phys. Rev. D **109**, no.6, 064089 (2024) doi:10.1103/PhysRevD.109.064089 [arXiv:2311.07279 [gr-qc]].

(32) A. Chowdhuri, A. Bhattacharyya and S. Kumar, JCAP **04**, 001 (2024) doi:10.1088/1475-7516/2024/04/001 [arXiv:2311.05983 [gr-qc]].

(33) P. Gayen and R. Koley, Gen. Rel. Grav. **55**, no.11, 129 (2023) doi:10.1007/s10714-023-03178-5

(34) M. J. Guzman, "The Hamiltonian constraint in the symmetric teleparallel equivalent of general relativity," [arXiv:2311.01424 [gr-qc]].

(35) N. Afshordi *et al.* [LISA Consortium Waveform Working Group], [arXiv:2311.01300 [gr-qc]].

(36) R. Shi, Y. Zhou, T. Zhao, Z. Cao and Z. Ren, Phys. Rev. D **109**, no.8, 084017 (2024) doi:10.1103/PhysRevD.109.084017 [arXiv:2310.20172 [gr-qc]].

(37) E. Bagui *et al.* [LISA Cosmology Working Group], [arXiv:2310.19857 [astro-ph.CO]].

(38) M. Villani, Phys. Scripta **99**, no.5, 055026 (2024) doi:10.1088/1402-4896/ad3b3f [arXiv:2310.13645 [gr-qc]].

(39) M. Branchesi, M. Falanga, J. Harms, K. Jani, S. Katsanevas, P. Lognonné, F. Badaracco, L. Cacciapuoti, E. Cappellaro and S. Dell'Agnello, *et al.* Space Sci. Rev. **219**, no.8, 67 (2023) doi:10.1007/s11214-023-01015-4

(40) O. Burke, G. A. Piovano, N. Warburton, P. Lynch, L. Speri, C. Kavanagh, B. Wardell, A. Pound, L. Durkan and J. Miller, [arXiv:2310.08927 [gr-qc]].

(41) J. Lestingi, E. Cannizzaro and P. Pani, Phys. Rev. D **109**, no.4, 044052 (2024) doi:10.1103/PhysRevD.109.04 [arXiv:2310.07772 [gr-qc]].

(42) R. R. Lino Santos, "Probing new physics with gravity a safe approach across different scales," PhD thesis, Southern Denmark U. (2023)

(43) N. Herceg, T. Jurić, A. Samsarov, I. Smolić and K. S. Gupta, [arXiv:2310.06018 [gr-qc]].

(44) A. Spiers, A. Maselli and T. P. Sotiriou, Phys. Rev. D **109**, no.6, 064022 (2024) doi:10.1103/PhysRevD.109.0 [arXiv:2310.02315 [gr-qc]].

(45) Y. Kang, C. Liu, J. P. Zhu, Y. Gao, L. Shao, B. Zhang, H. Sun, Y. H. I. Yin and B. B. Zhang, Mon. Not. Roy. Astron. Soc. **528**, no.3, 5309-5322 (2024) doi:10.1093/mnras/stae340 [arXiv:2309.16991 [astro-ph.HE]].

(46) A. Boudon, "Self-interacting scalar field dark matter : From gravitational drag to gravitational wave predictions," PhD thesis, Institut de Physique Thйorique - UMR CNRS 3681, France, U. Paris-Saclay, universitй Paris-Saclay (2023)

(47) E. K. Li, H. Wang, H. Y. Chen, H. Fan, Y. N. Li, Z. Y. Li, Z. C. Liang, X. Y. Lyu, T. X. Wang and Z. Wu, *et al.* [arXiv:2309.15020 [gr-qc]].

(48) J. Bramante, M. Diamond and J. L. Kim, JCAP **02**, 002 (2024) doi:10.1088/1475-7516/2024/02/002 [arXiv:2309.13148 [hep-ph]].

(49) R. Cayuso, "Black hole dynamics in Effective Field Theory extensions to General Relativity," PhD thesis, U. Waterloo (2023)

(50) S. D. Upton, Phys. Rev. D **109**, no.4, 044021 (2024) doi:10.1103/PhysRevD.109.044021 [arXiv:2309.03778 [gr-qc]].

(51) R. Ding and C. Tian, JCAP **02**, 016 (2024) doi:10.1088/1475-7516/2024/02/016 [arXiv:2309.01643 [astro-ph.CO]].

(52) K. Destounis and F. Duque, [arXiv:2308.16227 [gr-qc]].

(53) Y. Gong, Z. Cao, J. Zhao and L. Shao, Phys. Rev. D **108**, no.6, 064046 (2023) doi:10.1103/PhysRevD.108.064 [arXiv:2308.13690 [astro-ph.HE]].

(54) T. França, [arXiv:2308.12037 [gr-qc]].

(55) K. Schumacher, N. Yunes and K. Yagi, Phys. Rev. D **108**, no.10, 104038 (2023) doi:10.1103/PhysRevD.108.1 [arXiv:2308.05589 [gr-qc]].

(56) G. Calcagni and S. Kuroyanagi, Class. Quant. Grav. **41**, 015031 (2023) doi:10.1088/1361-6382/ad1123 [arXiv:2308.05904 [gr-qc]].

(57) F. Duque, [arXiv:2308.03850 [gr-qc]].

(58) V. Witzany and G. A. Piovano, Phys. Rev. Lett. **132**, no.17, 171401 (2024) doi:10.1103/PhysRevLett.132.17 [arXiv:2308.00021 [gr-qc]].

(59) R. Brito and S. Shah, Phys. Rev. D **108**, no.8, 084019 (2023) doi:10.1103/PhysRevD.108.084019 [arXiv:2307.16093 [gr-qc]].

(60) N. A. Nilsson and C. L. P. Lafitte, Phys. Rev. D **109**, no.2, 024035 (2024) doi:10.1103/PhysRevD.109.024035 [arXiv:2307.13302 [gr-qc]].

(61) A. Mangiagli,"Multimessenger prospects for massive black hole binaries in LISA," PoS **ICRC2023**, 1459 (2023) doi:10.22323/1.444.1459

(62) X. Lyu, E. K. Li and Y. M. Hu, Phys. Rev. D **108**, no.8, 083023 (2023) doi:10.1103/PhysRevD.108.083023 [arXiv:2307.12244 [gr-qc]].

(63) E. Cannizzaro, G. Franciolini and P. Pani, JCAP **04**, 056 (2024) doi:10.1088/1475-7516/2024/04/056 [arXiv:2307.11665 [gr-qc]].

(64) A. C. Davis and S. Melville, JCAP **11**, 034 (2023) doi:10.1088/1475-7516/2023/11/034 [arXiv:2307.06331 [hep-th]].

(65) G. L. Almeida, A. Müller, S. Foffa and R. Sturani, Phys. Rev. D **108**, no.12, 124010 (2023) doi:10.1103/PhysRevD.108.124010 [arXiv:2307.05327 [gr-qc]].

(66) D. Trestini, "Gravitational radiation of compact binary systems in general relativity and in scalar-tensor theories," PhD thesis, Institut d'Astrophysique de Paris, France, Sorbonne Universitй (2023)

(67) L. Aresté Saló, K. Clough and P. Figueras, Phys. Rev. D **108**, no.8, 084018 (2023) doi:10.1103/PhysRevD.108.084018 [arXiv:2306.14966 [gr-qc]].

(68) M. Rahman, S. Kumar and A. Bhattacharyya, JCAP **01**, 035 (2024) doi:10.1088/1475-7516/2024/01/035 [arXiv:2306.14971 [gr-qc]].

(69) C. Y. Chen, H. W. Chiang and A. Patel, Phys. Rev. D **108**, no.6, 064016 (2023) doi:10.1103/PhysRevD.108.064016 [arXiv:2306.08356 [gr-qc]].

(70) T. Zi and P. C. Li, Phys. Rev. D **108**, no.8, 084001 (2023) doi:10.1103/PhysRevD.108.084001 [arXiv:2306.02683 [gr-qc]].

(71) S. Avitan, R. Brustein and Y. Sherf, [arXiv:2306.00173 [gr-qc]].

(72) A. Spiers, A. Pound and J. Moxon, Phys. Rev. D **108**, no.6, 064002 (2023) doi:10.1103/PhysRevD.108.064002 [arXiv:2305.19332 [gr-qc]].

(73) A. Garcia-Chung, M. F. Carney, J. B. Mertens, A. Parvizi, S. Rastgoo and Y. Tavakoli, Class. Quant. Grav. **41**, 1 (2023) doi:10.1088/1361-6382/ad0db1 [arXiv:2305.18192 [gr-qc]].

(74) K. Destounis and K. D. Kokkotas, Gen. Rel. Grav. **55**, no.11, 123 (2023) doi:10.1007/s10714-023-03170-z [arXiv:2305.18522 [gr-qc]].

(75) A. Boudon, P. Brax, P. Valageas and L. K. Wong, Phys. Rev. D **109**, no.4, 043504 (2024) doi:10.1103/PhysRevD.109.043504 [arXiv:2305.18540 [astro-ph.CO]].

(76) M. Vaglio, "Modelling and phenomenology of boson stars as gravitational sources for future ground- and space-based interferometers," PhD thesis, Rome U. (2023)

(77) P. Heidmann, N. Speeney, E. Berti and I. Bah, Phys. Rev. D **108**, no.2, 024021 (2023) doi:10.1103/PhysRevD.108.024021 [arXiv:2305.14412 [gr-qc]].

(78) G. Ferrante, G. Franciolini, A. Iovino, Junior. and A. Urbano, JCAP **06**, 057 (2023) doi:10.1088/1475-7516/2023/06/057 [arXiv:2305.13382 [astro-ph.CO]].

(79) C. Richards, A. Dima and H. Witek, Phys. Rev. D **108**, no.4, 044078 (2023) doi:10.1103/PhysRevD.108.0440 [arXiv:2305.07704 [gr-qc]].

(80) K. Destounis, F. Angeloni, M. Vaglio and P. Pani, Phys. Rev. D **108**, no.8, 8 (2023) doi:10.1103/PhysRevD.108.084062 [arXiv:2305.05691 [gr-qc]].

(81) Z. Y. Tu, T. Zhu and A. Wang, Phys. Rev. D **108**, no.2, 2 (2023) doi:10.1103/PhysRevD.108.024035 [arXiv:2304.14160 [gr-qc]].

(82) V. Aragam, S. Paban and R. Rosati, JCAP **11**, 014 (2023) doi:10.1088/1475-7516/2023/11/014 [arXiv:2304.00065 [astro-ph.CO]].

(83) T. Zi and P. C. Li, Phys. Rev. D **108**, no.2, 024018 (2023) doi:10.1103/PhysRevD.108.024018 [arXiv:2303.16610 [gr-qc]].

(84) I. Bah and P. Heidmann, Phys. Rev. D **109**, no.6, 066014 (2024) doi:10.1103/PhysRevD.109.066014 [arXiv:2303.10186 [hep-th]].

(85) C. A. Dong-Páez, M. Volonteri, R. S. Beckmann, Y. Dubois, A. Mangiagli, M. Trebitsch, S. Vergani and N. Webb, Astron. Astrophys. **676**, A2 (2023) doi:10.1051/0004-6361/202346435 [arXiv:2303.09569 [astro-ph.HE]].

(86) Z. Wang, T. Yu, Y. Sui and Z. Wang, Sensors **23**, no.6, 3124 (2023) doi:10.3390/s23063124

(87) Z. Tang, Gen. Rel. Grav. **55**, no.6, 70 (2023) doi:10.1007/s10714-023-03118-3 [arXiv:2303.07703 [gr-qc]].

(88) R. Nevin, L. Blecha, J. Comerford, J. Simon, B. A. Terrazas, R. S. Barrows and J. A. Vázquez-Mata, Mon. Not. Roy. Astron. Soc. **522**, no.1, 1-28 (2023) doi:10.1093/mnras/stad911 [arXiv:2303.06249 [astro-ph.GA]].

(89) C. A. Dong-Páez, M. Volonteri, R. S. Beckmann, Y. Dubois, M. Trebitsch, A. Mangiagli, S. D. Vergani and N. A. Webb, Astron. Astrophys. **673**, A120 (2023) doi:10.1051/0004-6361/202346295 [arXiv:2303.00766 [astro-ph.GA]].

(90) C. A. Woodward, "Unraveling the mysteries of spacetime: holographic codes and gravitational lensing," PhD thesis, UNIVERSITY OF SOUTHAMPTON (2023)

(91) M. Vaglio, C. Pacilio, A. Maselli and P. Pani, Phys. Rev. D **108**, no.2, 023021 (2023) doi:10.1103/PhysRevD.108.023021 [arXiv:2302.13954 [gr-qc]].

(92) T. Cai, H. Huang, Z. Wang and M. Zhu, Phys. Rev. D **108**, no.2, 023004 (2023) doi:10.1103/PhysRevD.108.023004 [arXiv:2302.13704 [gr-qc]].

(93) S. Gasparotto, R. Vicente, D. Blas, A. C. Jenkins and E. Barausse, Phys. Rev. D **107**, no.12, 124033 (2023) doi:10.1103/PhysRevD.107.124033 [arXiv:2301.13228 [gr-qc]].

(94) K. Destounis, G. Huez and K. D. Kokkotas, Gen. Rel. Grav. **55**, no.6, 71 (2023) doi:10.1007/s10714-023-03119-2 [arXiv:2301.11483 [gr-qc]].

(95) C. Zhang, H. Guo, Y. Gong and B. Wang, JCAP **06**, 020 (2023) doi:10.1088/1475-7516/2023/06/020 [arXiv:2301.05915 [gr-qc]].

(96) N. Dai, Y. Gong, Y. Zhao and T. Jiang, [arXiv:2301.05088 [gr-qc]].

(97) M. Lenzi and C. F. Sopuerta, Phys. Rev. D **107**, no.8, 084039 (2023) doi:10.1103/PhysRevD.107.084039 [arXiv:2301.01096 [gr-qc]].

(98) M. R. Mosbech, "Peering into the Dark: Investigating dark matter and neutrinos with cosmology and astrophysics," PhD thesis, Sydney U. (2023)

(99) H. S. Chia, C. Doorman, A. Wernersson, T. Hinderer and S. Nissanke, JCAP **04**, 018 (2023) doi:10.1088/1475-7516/2023/04/018 [arXiv:2212.11948 [gr-qc]].

(100) D. Liang, R. Xu, Z. F. Mai and L. Shao, Phys. Rev. D **107**, no.4, 044053 (2023) doi:10.1103/PhysRevD.107.044053 [arXiv:2212.09346 [gr-qc]].

(101) M. C. Digman and N. J. Cornish, Phys. Rev. D **108**, no.2, 023022 (2023) doi:10.1103/PhysRevD.108.023022 [arXiv:2212.04600 [gr-qc]].

(102) R. R. L. d. Santos and L. M. van Manen, [arXiv:2212.05594 [astro-ph.CO]].

(103) M. Lenzi and C. F. Sopuerta, Phys. Rev. D **107**, no.4, 044010 (2023) doi:10.1103/PhysRevD.107.044010 [arXiv:2212.03732 [gr-qc]].

(104) S. D. Upton, "Second-order gravitational self-force in a highly regular gauge," doi:10.5258/soton/t0057

(105) A. Hait, S. Mohanty and S. Prakash, Phys. Rev. D **109**, no.8, 084037 (2024) doi:10.1103/PhysRevD.109.0840 [arXiv:2211.13120 [gr-qc]].

(106) Z. Chang, Y. T. Kuang, X. Zhang and J. Z. Zhou, Universe **10**, no.1, 39 (2024) doi:10.3390/universe10010039 [arXiv:2211.11948 [astro-ph.CO]].

(107) F. Thaalba, G. Antoniou and T. P. Sotiriou, Class. Quant. Grav. **40**, no.15, 155002 (2023) doi:10.1088/1361-6382/acdd42 [arXiv:2211.05099 [gr-qc]].

(108) G. Ferrante, G. Franciolini, A. Iovino, Junior. and A. Urbano, Phys. Rev. D **107**, no.4, 043520 (2023) doi:10.1103/PhysRevD.107.043520 [arXiv:2211.01728 [astro-ph.CO]].

(109) D. Pereñíguez Rodríguez, "Classical and Stringy Properties of Black Holes,"

(110) A. Mangiagli, C. Caprini, M. Volonteri, S. Marsat, S. Vergani, N. Tamanini and L. Speri, PoS **ICHEP2022**, 125 (2022) doi:10.22323/1.414.0125

(111) J. C. Bright and V. Paschalidis, Mon. Not. Roy. Astron. Soc. **520**, no.1, 392-401 (2023) doi:10.1093/mnras/stad091 [arXiv:2210.15686 [astro-ph.HE]].

(112) C. Shi, M. Ji, J. d. Zhang and J. Mei, Phys. Rev. D **108**, no.2, 024030 (2023) doi:10.1103/PhysRevD.108.024 [arXiv:2210.13006 [gr-qc]].

(113) K. Destounis, A. Kulathingal, K. D. Kokkotas and G. O. Papadopoulos, Phys. Rev. D **107**, no.8, 084027 (2023) doi:10.1103/PhysRevD.107.084027 [arXiv:2210.09357 [gr-qc]].

(114) H. Bernardo *et al.* [Foundational Aspects of Dark Energy (FADE)], Universe **9**, no.2, 63 (2023) doi:10.3390/universe9020063 [arXiv:2210.06810 [gr-qc]].

(115) V. Cardoso, K. Destounis, F. Duque, R. Panosso Macedo and A. Maselli, Phys. Rev. Lett. **129**, no.24, 241103 (2022) doi:10.1103/PhysRevLett.129.241103 [arXiv:2210.01133 [gr-qc]].

(116) M. M. Riva, "Gravitational Bremsstrahlung in the worldline effective field theory approach," PhD thesis, IPhT, Saclay (2022)

(117) R. C. Bernardo and K. W. Ng, JCAP **11**, 046 (2022) doi:10.1088/1475-7516/2022/11/046 [arXiv:2209.14834 [gr-qc]].

(118) S. Pi and J. Wang, JCAP **06**, 018 (2023) doi:10.1088/1475-7516/2023/06/018 [arXiv:2209.14183 [astro-ph.CO]].

(119) J. G. Lara Delgado, "The strong gravitational field regime of compact objects beyond General Relativity," PhD thesis, SISSA Trieste (2022)

(120) D. Pereñíguez Rodríguez, "Classical and Stringy Properties of Black Holes," PhD thesis, Universidad Autonoma de Madrid (2022)

(121) L. Zwick, P. R. Capelo and L. Mayer, Mon. Not. Roy. Astron. Soc. **521**, no.3, 4645-4651 (2023) doi:10.1093/mnras/stad707 [arXiv:2209.04060 [gr-qc]].

(122) L. Aresté Saló, K. Clough and P. Figueras, Phys. Rev. Lett. **129**, no.26, 261104 (2022) doi:10.1103/PhysRevLett.129.261104 [arXiv:2208.14470 [gr-qc]].

(123) R. C. Bernardo and K. W. Ng, Phys. Rev. D **107**, no.4, 044007 (2023) doi:10.1103/PhysRevD.107.044007 [arXiv:2208.12538 [gr-qc]].

(124) A. Garcia-Chung, M. F. Carney, J. B. Mertens, A. Parvizi, S. Rastgoo and Y. Tavakoli, JCAP **11**, 054 (2022) doi:10.1088/1475-7516/2022/11/054 [arXiv:2208.09739 [gr-qc]].

(125) D. Liang, R. Xu, X. Lu and L. Shao, Phys. Rev. D **106**, no.12, 124019 (2022) doi:10.1103/PhysRevD.106.124 [arXiv:2207.14423 [gr-qc]].

(126) P. V. P. Cunha, C. Herdeiro, E. Radu and N. Sanchis-Gual, Phys. Rev. Lett. **130**, no.6, 061401 (2023) doi:10.1103/PhysRevLett.130.061401 [arXiv:2207.13713 [gr-qc]].

(127) J. L. Blázquez-Salcedo, L. M. González-Romero, F. S. Khoo, J. Kunz and V. Preut, Front. Astron. Space Sci. **9**, 1005108 (2022) doi:10.3389/fspas.2022.1005108 [arXiv:2207.11370 [gr-qc]].

(128) A. Mangiagli, C. Caprini, M. Volonteri, S. Marsat, S. Vergani, N. Tamanini and H. Inchauspé, Phys. Rev. D **106**, no.10, 103017 (2022) doi:10.1103/PhysRevD.106.103017 [arXiv:2207.10678 [astro-ph.HE]].

(129) G. Lops, D. Izquierdo-Villalba, M. Colpi, S. Bonoli, A. Sesana and A. Mangiagli, Mon. Not. Roy. Astron. Soc. **519**, no.4, 5962-5986 (2023) doi:10.1093/mnras/stad058 [arXiv:2207.10683 [astro-ph.GA]].

(130) V. De Luca, doi:10.13097/archive-ouverte/unige:162100 [arXiv:2207.08638 [astro-ph.CO]].

(131) G. A. Piovano, A. Maselli and P. Pani, Phys. Rev. D **107**, no.2, 024021 (2023) doi:10.1103/PhysRevD.107.024 [arXiv:2207.07452 [gr-qc]].

(132) T. Zhao, R. Lyu, H. Wang, Z. Cao and Z. Ren, Commun. Phys. **6**, no.1, 212 (2023) doi:10.1038/s42005-023-01334-6 [arXiv:2207.07414 [gr-qc]].

(133) G. Calcagni and L. Modesto, [arXiv:2206.07066 [gr-qc]].

(134) R. C. Bernardo and K. W. Ng, Phys. Lett. B **841**, 137939 (2023) doi:10.1016/j.physletb.2023.137939 [arXiv:2206.01056 [astro-ph.CO]].

(135) M. M. Riva, F. Vernizzi and L. K. Wong, Phys. Rev. D **106**, no.4, 044013 (2022) doi:10.1103/PhysRevD.106.044013 [arXiv:2205.15295 [hep-th]].

(136) M. Collier, D. Croon and R. K. Leane, Phys. Rev. D **106**, no.12, 123027 (2022) doi:10.1103/PhysRevD.106.12 [arXiv:2205.15337 [gr-qc]].

(137) Y. Kang, C. Liu and L. Shao, Mon. Not. Roy. Astron. Soc. **515**, no.1, 739-748 (2022) doi:10.1093/mnras/stac1738 [arXiv:2205.02104 [astro-ph.HE]].

(138) P. Auclair *et al.* [LISA Cosmology Working Group], Living Rev. Rel. **26**, no.1, 5 (2023) doi:10.1007/s41114-023-00045-2 [arXiv:2204.05434 [astro-ph.CO]].

(139) P. Figueras and T. França, Phys. Rev. D **105**, no.12, 124004 (2022) doi:10.1103/PhysRevD.105.124004 [arXiv:2112.15529 [gr-qc]].

(140) B. Wardell, A. Pound, N. Warburton, J. Miller, L. Durkan and A. Le Tiec, Phys. Rev. Lett. **130**, no.24, 241402 (2023) doi:10.1103/PhysRevLett.130.241402 [arXiv:2112.12265 [gr-qc]].

A.11. D. Doneva, A. Vano-Vinuales, **S. Yazadjiev**, "Dynamical descalarization with a jump during a black hole merger," Phys.Rev.D 106 (2022) 6, L061502

[arXiv:2204.05333 [gr-qc]]

Забелязани независими цитати:

(1) H. Xu, Y. Zhan and S. J. Zhang, [arXiv:2403.19392 [gr-qc]].

(2) F. Corelli, "Tackling conceptual problems in gravity with numerically simulated gedanken experiments," PhD thesis, U. Rome La Sapienza (main) (2024)

(3) F. L. Julié, [arXiv:2312.16764 [gr-qc]].

(4) N. Afshordi *et al.* [LISA Consortium Waveform Working Group], [arXiv:2311.01300 [gr-qc]].

(5) L. Pizzuti and A. M. Pombo, Phys. Dark Univ. **43**, 101427 (2024) doi:10.1016/j.dark.2024.101427 [arXiv:2310.18399 [gr-qc]].

(6) S. E. Brady, L. Aresté Saló, K. Clough, P. Figueras and A. P. S., Phys. Rev. D **108**, no.10, 104022 (2023) doi:10.1103/PhysRevD.108.104022 [arXiv:2308.16791 [gr-qc]].

(7) L. Aresté Saló, K. Clough and P. Figueras, Phys. Rev. D **108**, no.8, 084018 (2023) doi:10.1103/PhysRevD.108.084018 [arXiv:2306.14966 [gr-qc]].

(8) J. Y. Jiang, Q. Chen, Y. Liu, Y. Tian, W. Xiong, C. Y. Zhang and B. Wang, Sci. China Phys. Mech. Astron. **67**, no.2, 220411 (2024) doi:10.1007/s11433-023-2231-5 [arXiv:2306.10371 [gr-qc]].

(9) F. Thaalba, M. Bezares, N. Franchini and T. P. Sotiriou, Phys. Rev. D **109**, no.4, L041503 (2024) doi:10.1103/PhysRevD.109.L041503 [arXiv:2306.01695 [gr-qc]].

(10) F. L. Julié, V. Baibhav, E. Berti and A. Buonanno, Phys. Rev. D **107**, no.10, 104044 (2023) doi:10.1103/PhysRevD.107.104044 [arXiv:2212.13802 [gr-qc]].

(11) E. Maggio, H. O. Silva, A. Buonanno and A. Ghosh, Phys. Rev. D **108**, no.2, 024043 (2023) doi:10.1103/PhysRevD.108.024043 [arXiv:2212.09655 [gr-qc]].

(12) Q. Chen, Z. Ning, Y. Tian, B. Wang and C. Y. Zhang, JHEP **01**, 062 (2023) doi:10.1007/JHEP01(2023)062 [arXiv:2210.14539 [hep-th]].

(13) C. Niu, W. Xiong, P. Liu, C. Y. Zhang and B. Wang, [arXiv:2209.12117 [gr-qc]].

(14) L. Aresté Saló, K. Clough and P. Figueras, Phys. Rev. Lett. **129**, no.26, 261104 (2022) doi:10.1103/PhysRevLett.129.261104 [arXiv:2208.14470 [gr-qc]].

(15) Y. Liu, C. Y. Zhang, Q. Chen, Z. Cao, Y. Tian and B. Wang, Sci. China Phys. Mech. Astron. **66**, no.10, 100412 (2023) doi:10.1007/s11433-023-2160-1 [arXiv:2208.07548 [gr-qc]].

(16) W. K. Luo, C. Y. Zhang, P. Liu, C. Niu and B. Wang, Phys. Rev. D **106**, no.6, 064036 (2022) doi:10.1103/PhysRevD.106.064036 [arXiv:2206.05690 [gr-qc]].

(17) Y. Liu, C. Y. Zhang, W. L. Qian, K. Lin and B. Wang, JHEP **01**, 074 (2023) doi:10.1007/JHEP01(2023)074 [arXiv:2206.05012 [gr-qc]].

(18) N. Franchini, M. Bezares, E. Barausse and L. Lehner, Phys. Rev. D **106**, no.6, 064061 (2022) doi:10.1103/PhysRevD.106.064061 [arXiv:2206.00014 [gr-qc]].

(19) F. Corelli, M. De Amicis, T. Ikeda and P. Pani, Phys. Rev. D **107**, no.4, 044061 (2023) doi:10.1103/PhysRevD.107.044061 [arXiv:2205.13007 [gr-qc]].

(20) M. Elley, H. O. Silva, H. Witek and N. Yunes, Phys. Rev. D **106**, no.4, 044018 (2022) doi:10.1103/PhysRevD.106.044018 [arXiv:2205.06240 [gr-qc]].

(21) I. R. van Gemeren, "Black holes letting their hair down; Incorporating tidal effects in the gravitational wave signature of scalarized black holes in quadratic gravity," thesis, Utrech Univesrsity (2022)

(22) C. Y. Zhang, Q. Chen, Y. Liu, W. K. Luo, Y. Tian and B. Wang, Phys. Rev. D **106**, no.6, L061501 (2022) doi:10.1103/PhysRevD.106.L061501 [arXiv:2204.09260 [gr-qc]].

(23) L. K. Wong, C. A. R. Herdeiro and E. Radu, Phys. Rev. D **106**, no.2, 024008 (2022) doi:10.1103/PhysRevD.106.024008 [arXiv:2204.09038 [gr-qc]].

A.12. Hao-Jui Kuan, A. Suvorov, D. Doneva, **S. Yazadjiev**, "Gravitational Waves from Accretion-Induced Descalarization in Massive Scalar-Tensor Theory," Phys.Rev.Lett. 129 (2022) 12, 121104 [arXiv:2203.03672 [gr-qc]]

Забелязани независими цитати:

(1) T. Evstafyeva, R. Rosca-Mead, U. Sperhake and B. Brugmann, Phys. Rev. D **108**, no.10, 104064 (2023) doi:10.1103/PhysRevD.108.104064 [arXiv:2310.05200 [gr-qc]].

(2) N. Asakawa and Y. Sekiguchi, Phys. Rev. D **108**, no.4, 044060 (2023) doi:10.1103/PhysRevD.108.044060 [arXiv:2308.15052 [gr-qc]].

(3) Q. Chen, Z. Ning, Y. Tian, B. Wang and C. Y. Zhang, JHEP **01**, 062 (2023) doi:10.1007/JHEP01(2023)062 [arXiv:2210.14539 [hep-th]].

(4) C. Niu, W. Xiong, P. Liu, C. Y. Zhang and B. Wang, [arXiv:2209.12117 [gr-qc]].

(5) J. L. Ripley, Int. J. Mod. Phys. D **31**, no.13, 2230017 (2022) doi:10.1142/S0218271822300178 [arXiv:2207.13074 [gr-qc]].

A.13. J. Blazquez-Salcedo, D. Doneva, J. Kunz, **S. Yazadjiev**, "Radial perturbations of scalar-Gauss-Bonnet black holes beyond spontaneous scalarization," Phys.Rev.D 105 (2022) 12, 124005

[arxiv:2203.00709 [gr-qc]]

Забелязани независими цитати:

(1) X. Y. Chew and Y. S. Myung, [arXiv:2405.04921 [gr-qc]].

(2) C. M. Zhang, Z. H. Yang, M. Y. Lai, Y. S. Myung and D. C. Zou, [arXiv:2404.19521 [gr-qc]].

(3) Y. S. Myung, [arXiv:2307.04060 [gr-qc]].

(4) J. Y. Jiang, Q. Chen, Y. Liu, Y. Tian, W. Xiong, C. Y. Zhang and B. Wang, Sci. China Phys. Mech. Astron. **67**, no.2, 220411 (2024) doi:10.1007/s11433-023-2231-5 [arXiv:2306.10371 [gr-qc]].

(5) H. J. Lin, T. Zhu, S. J. Zhang and A. Wang, Phys. Rev. D **108**, no.4, 044005 (2023) doi:10.1103/PhysRevD.108.044005 [arXiv:2305.15733 [gr-qc]].

(6) M. Minamitsuji and S. Mukohyama, Phys. Rev. D **108**, no.2, 024029 (2023) doi:10.1103/PhysRevD.108.0240 [arXiv:2305.05185 [gr-qc]].

(7) M. Y. Lai, D. C. Zou, R. H. Yue and Y. S. Myung, Phys. Rev. D **108**, no.8, 084007 (2023) doi:10.1103/PhysRevD.108.084007 [arXiv:2304.08012 [gr-qc]].

(8) Y. Liu, C. Y. Zhang, Q. Chen, Z. Cao, Y. Tian and B. Wang, Sci. China Phys. Mech. Astron. **66**, no.10, 100412 (2023) doi:10.1007/s11433-023-2160-1 [arXiv:2208.07548 [gr-qc]].

(9) M. Minamitsuji, K. Takahashi and S. Tsujikawa, Phys. Rev. D **106**, no.4, 044003 (2022) doi:10.1103/PhysRevD.106.044003 [arXiv:2204.13837 [gr-qc]].

(10) N. Chatzifotis, C. Vlachos, K. Destounis and E. Papantonopoulos, Gen. Rel. Grav. **54**, no.6, 49 (2022) doi:10.1007/s10714-022-02929-0 [arXiv:2109.02678 [gr-qc]].

A.14. V. Danchev, D. Doneva, **S. Yazadjiev**, "Constraining scalarization in scalar-Gauss-Bonnet gravity through binary pulsars," Phys.Rev.D 106 (2022) 12, 124001

[arXiv:2112.03869 [gr-qc]]

Забелязани независими цитати:

(1) P. G. S. Fernandes, C. Burrage, A. Eichhorn and T. P. Sotiriou, Phys. Rev. D **109**, no.10, 104033 (2024) doi:10.1103/PhysRevD.109.104033 [arXiv:2403.14596 [gr-qc]].

(2) A. Eichhorn, P. G. S. Fernandes, A. Held and H. O. Silva, [arXiv:2312.11430 [gr-qc]].

(3) D. Y. Hong, Z. H. Wang and S. Y. Zhou, JHEP **10**, 135 (2023) doi:10.1007/JHEP10(2023)135 [arXiv:2304.01259 [hep-th]].

(4) B. Ben Salem, "Tests of Gravity Theories with Pulsar Timing," doi:10.4119/unibi/2978017

(5) P. Da Silva Fernandes,"Gauss-Bonnet Theories of Gravity in Four Dimensions," PhD thesis, Queen Mary, U. of London (2023)

(6) B. Elder and J. Sakstein, Phys. Rev. D **107**, no.4, 044006 (2023) doi:10.1103/PhysRevD.107.044006 [arXiv:2210.10955 [gr-qc]].

(7) C. Vlachos, PhD thesis, National Technical University of Athens (2023)

(8) Y. Liu, C. Y. Zhang, Q. Chen, Z. Cao, Y. Tian and B. Wang, Sci. China Phys. Mech. Astron. **66**, no.10, 100412 (2023) doi:10.1007/s11433-023-2160-1 [arXiv:2208.07548 [gr-qc]].

(9) L. Shao, doi:10.1142/9789811275388_0019 [arXiv:2208.00142 [gr-qc]].

(10) P. G. S. Fernandes, D. J. Mulryne and J. F. M. Delgado, Class. Quant. Grav. **39**, no.23, 235015 (2022) doi:10.1088/1361-6382/aca010 [arXiv:2207.10692 [gr-qc]].

(11) E. Babichev, W. T. Emond and S. Ramazanov, Phys. Rev. D **106**, no.6, 063524 (2022) doi:10.1103/PhysRevD.106.063524 [arXiv:2207.03944 [gr-qc]].

(12) L. Shao, Lect. Notes Phys. **1017**, 385-402 (2023) doi:10.1007/978-3-031-31520-6_12 [arXiv:2206.15187 [gr-qc]].

(13) O. Sokoliuk, F. F. Santos and A. Baransky, [arXiv:2206.04054 [hep-th]].

(14) L. K. Wong, C. A. R. Herdeiro and E. Radu, Phys. Rev. D **106**, no.2, 024008 (2022) doi:10.1103/PhysRevD.106.024008 [arXiv:2204.09038 [gr-qc]].

(15) R. Xu, Y. Gao and L. Shao, Phys. Rev. D **105**, no.2, 024003 (2022) doi:10.1103/PhysRevD.105.024003 [arXiv:2111.06561 [gr-qc]].

A.15. K. Staykov, J. Blazquez-Salcedo, D. Doneva, J. Kunz, P. Nedkova, **S. Yazadjiev**, "Axial perturbations of hairy Gauss-Bonnet black holes with a massive self-interacting scalar field," Phys.Rev.D 105 (2022) 4, 044040

[arXiv:2112.00703 [gr-qc]]

Забелязани независими цитати:

(1) X. Y. Chew and Y. S. Myung, [arXiv:2405.04921 [gr-qc]].

(2) P. Da Silva Fernandes, "Gauss-Bonnet Theories of Gravity in Four Dimensions," PhD thesis, Queen Mary, U. of London (2023)

(3) P. G. S. Fernandes, D. J. Mulryne and J. F. M. Delgado, Class. Quant. Grav. **39**, no.23, 235015 (2022) doi:10.1088/1361-6382/aca010 [arXiv:2207.10692 [gr-qc]].

(4) E. Babichev, W. T. Emond and S. Ramazanov, Phys. Rev. D **106**, no.6, 063524 (2022) doi:10.1103/PhysRevD.106.063524 [arXiv:2207.03944 [gr-qc]].

(5) R. Xu, Y. Gao and L. Shao, Phys. Rev. D **105**, no.2, 024003 (2022) doi:10.1103/PhysRevD.105.024003 [arXiv:2111.06561 [gr-qc]].

A.16. **S. Yazadjiev**, "Classification of static asymptotically flat spacetimes with a photon sphere in Einstein-multiple-scalar field theory, " Phys.Rev.D 104 (2021) 12, 124070

[arXiv:2109.02945 [gr-qc]]

Забелязани независими цитати:

(1) M. Rogatko, Phys. Rev. D **109**, no.2, 024056 (2024) doi:10.1103/PhysRevD.109.024056 [arXiv:2401.14116 [gr-qc]].

(2) P. Nedkova, Lect. Notes Phys. **1022**, 67-99 (2023) doi:10.1007/978-3-031-42096-2_3

(3) H. Yoshino, [arXiv:2309.14318 [gr-qc]].

(4) I. Bogush, K. Kobialko and D. Gal'tsov, Phys. Rev. D **108**, no.4, 044070 (2023) doi:10.1103/PhysRevD.108.0

(5) I. Bogush, K. Kobialko and D. Gal'tsov, [arXiv:2306.12888 [gr-qc]].

(6) K. Kobialko, I. Bogush and D. Gal'tsov, Phys. Rev. D **106**, no.8, 084032 (2022) doi:10.1103/PhysRevD.106.0 [arXiv:2208.02690 [gr-qc]].

(7) K. Kobialko, I. Bogush and D. Gal'tsov, Phys. Rev. D **106**, no.2, 024006 (2022) doi:10.1103/PhysRevD.106.0 [arXiv:2202.09126 [gr-qc]].

A.17. L. Collodel, D. Doneva, **S. Yazadjiev**, "Equatorial extreme-mass-ratio inspirals in Kerr black holes with scalar hair spacetimes," Phys.Rev.D 105 (2022) 4, 044036

[arXiv:2108.11658 [gr-qc]]

Забелязани независими цитати:

(1) R. Ghosh, K. Chakravarti, "Parameterized Non-circular Deviation from the Kerr Paradigm and Its Observational Signatures: Extreme Mass Ratio Inspirals and Lense-Thirring Effect," [arXiv:2406.02454 [gr-qc]]

(2) M. Della Rocca, S. Barsanti, L. Gualtieri and A. Maselli, [arXiv:2401.09542 [gr-qc]].

(3) A. Cárdenas-Avendaño and C. F. Sopuerta, [arXiv:2401.08085 [gr-qc]].

(4) N. Afshordi *et al.* [LISA Consortium Waveform Working Group], [arXiv:2311.01300 [gr-qc]].

(5) A. Spiers, A. Maselli and T. P. Sotiriou, Phys. Rev. D **109**, no.6, 064022 (2024) doi:10.1103/PhysRevD.109.0 [arXiv:2310.02315 [gr-qc]].

(6) R. Brito and S. Shah, Phys. Rev. D **108**, no.8, 084019 (2023) doi:10.1103/PhysRevD.108.084019 [arXiv:2307.16093 [gr-qc]].

(7) K. Destounis, F. Angeloni, M. Vaglio and P. Pani, Phys. Rev. D **108**, no.8, 8 (2023) doi:10.1103/PhysRevD.108.084062 [arXiv:2305.05691 [gr-qc]].

(8) J. F. M. Delgado, C. A. R. Herdeiro and E. Radu, JCAP **10**, 029 (2023) doi:10.1088/1475-7516/2023/10/029 [arXiv:2305.02333 [gr-qc]].

(9) S. Barsanti, A. Maselli, T. P. Sotiriou and L. Gualtieri, Phys. Rev. Lett. **131**, no.5, 051401 (2023) doi:10.1103/PhysRevLett.131.051401 [arXiv:2212.03888 [gr-qc]].

(10) S. Barsanti, N. Franchini, L. Gualtieri, A. Maselli and T. P. Sotiriou, Phys. Rev. D **106**, no.4, 044029 (2022) doi:10.1103/PhysRevD.106.044029 [arXiv:2203.05003 [gr-qc]].

(11) A. Pombo, "Black holes and solitonic objects with bosonic fields, " PhD Thesis, University of Aveiro (2022)

(12) A. Lehébel and V. Cardoso, Phys. Rev. D **105**, no.6, 064014 (2022) doi:10.1103/PhysRevD.105.064014 [arXiv:2202.08850 [gr-qc]].

(13) J. F. M. Delgado, C. A. R. Herdeiro and E. Radu, Phys. Rev. D **105**, no.6, 064026 (2022) doi:10.1103/PhysRevD.105.064026 [arXiv:2107.03404 [gr-qc]].

A.18. M. Teodoro, L. Collodel, D. Doneva, J. Kunz, P. Nedkova, **S. Yazadjiev**, "Thick toroidal configurations around scalarized Kerr black holes," Phys.Rev.D 104 (2021) 12, 124047

[arXiv:2108.08640 [gr-qc]]

Забелязани независими цитати:

(1) K. Gjorgjieski and R. Capobianco, "Geometrically Thick Disks around Kerr Black Holes in a Swirling Universe," [arXiv:2405.16758 [gr-qc]].

(2) S. Y. Cui and Y. Q. Wang, "Weak cosmic censorship with excited scalar fields and bound on charge-to-mass ratio," [arXiv:2401.07866 [hep-th]].

(3) S. X. Sun, S. Y. Cui, L. X. Huang and Y. Q. Wang, [arXiv:2310.10267 [gr-qc]].

(4) J. F. M. Delgado, C. A. R. Herdeiro and E. Radu, JCAP **10**, 029 (2023) doi:10.1088/1475-7516/2023/10/029 [arXiv:2305.02333 [gr-qc]].

(5) S. W. Wei, Y. P. Zhang, Y. X. Liu and R. B. Mann, Phys. Rev. Res. **5**, no.4, 043050 (2023) doi:10.1103/PhysRevResearch.5.043050 [arXiv:2303.06814 [gr-qc]].

(6) M. Cassing and L. Rezzolla, Mon. Not. Roy. Astron. Soc. **522**, no.2, 2415-2428 (2023) doi:10.1093/mnras/stad1039 [arXiv:2302.09135 [gr-qc]].

(7) A. Lehébel and V. Cardoso, Phys. Rev. D **105**, no.6, 064014 (2022) doi:10.1103/PhysRevD.105.064014 [arXiv:2202.08850 [gr-qc]].

A.19. D. Doneva, **S. Yazadjiev**, "Beyond the spontaneous scalarization: New fully nonlinear mechanism for the formation of scalarized black holes and its dynamical development," Phys.Rev.D 105 (2022) 4, L041502

[arXiv:2107.01738 [gr-qc]]

Забелязани независими цитати:

(1) M. C. Chen, H. T. Liu, Q. Y. Zhang and J. Zhang, [arXiv:2405.11583 [gr-qc]].

(2) C. M. Zhang, Z. H. Yang, M. Y. Lai, Y. S. Myung and D. C. Zou, [arXiv:2404.19521 [gr-qc]].

(3) H. Guo, W. L. Qian and B. Wang, [arXiv:2401.09846 [gr-qc]].

(4) L. Del Grosso, P. Pani and A. Urbano, Phys. Rev. D **109**, no.9, 095006 (2024) doi:10.1103/PhysRevD.109.095 [arXiv:2401.06716 [hep-ph]].

(5) W. Xiong, C. Y. Zhang and P. C. Li, [arXiv:2312.11879 [gr-qc]].

(6) Z. Belkhadria and A. M. Pombo, [arXiv:2311.15850 [gr-qc]].

(7) L. Pizzuti and A. M. Pombo, Phys. Dark Univ. **43**, 101427 (2024) doi:10.1016/j.dark.2024.101427 [arXiv:2310.18399 [gr-qc]].

(8) G. Antoniou, [arXiv:2308.03501 [gr-qc]].

(9) Y. S. Myung, [arXiv:2307.04060 [gr-qc]].

(10) J. Y. Jiang, Q. Chen, Y. Liu, Y. Tian, W. Xiong, C. Y. Zhang and B. Wang, Sci. China Phys. Mech. Astron. **67**, no.2, 220411 (2024) doi:10.1007/s11433-023-2231-5 [arXiv:2306.10371 [gr-qc]].

(11) H. J. Lin, T. Zhu, S. J. Zhang and A. Wang, Phys. Rev. D **108**, no.4, 044005 (2023) doi:10.1103/PhysRevD.108.044005 [arXiv:2305.15733 [gr-qc]].

(12) M. Minamitsuji and S. Mukohyama, Phys. Rev. D **108**, no.2, 024029 (2023) doi:10.1103/PhysRevD.108.0240 [arXiv:2305.05185 [gr-qc]].

(13) M. Y. Lai, D. C. Zou, R. H. Yue and Y. S. Myung, Phys. Rev. D **108**, no.8, 084007 (2023) doi:10.1103/PhysRevD.108.084007 [arXiv:2304.08012 [gr-qc]].

(14) S. J. Zhang, Eur. Phys. J. C **83**, no.10, 950 (2023) doi:10.1140/epjc/s10052-023-12144-z [arXiv:2304.08092 [gr-qc]].

(15) Z. Haghani and T. Harko, Phys. Rev. D **107**, no.6, 064068 (2023) doi:10.1103/PhysRevD.107.064068 [arXiv:2303.10339 [gr-qc]].

(16) L. Heisenberg, N. Yunes and J. Zosso, Phys. Rev. D **108**, no.2, 024010 (2023) doi:10.1103/PhysRevD.108.024 [arXiv:2303.02021 [gr-qc]].

(17) R. Kase and S. Tsujikawa, Phys. Rev. D **107**, no.10, 104045 (2023) doi:10.1103/PhysRevD.107.104045 [arXiv:2301.10362 [gr-qc]].

(18) H. J. Kuan,"Tidal Effects in Pre-merger Neutron Stars and Dynamics of Scalarized Compact Objects," doi:10.15496/publikation-76851

(19) D. C. Zou, B. Meng, M. Zhang, S. Y. Li, M. Y. Lai and Y. S. Myung, Universe **9**, 26 (2023) doi:10.3390/universe9010026 [arXiv:2301.04784 [gr-qc]].

(20) P. Da Silva Fernandes, "Gauss-Bonnet Theories of Gravity in Four Dimensions," PhD thesis, Queen Mary, U. of London (2023)

(21) Y. Liu, C. Y. Zhang, Q. Chen, Z. Cao, Y. Tian and B. Wang, Sci. China Phys. Mech. Astron. **66**, no.10, 100412 (2023) doi:10.1007/s11433-023-2160-1 [arXiv:2208.07548 [gr-qc]].

(22) P. G. S. Fernandes, D. J. Mulryne and J. F. M. Delgado, Class. Quant. Grav. **39**, no.23, 235015 (2022) doi:10.1088/1361-6382/aca010 [arXiv:2207.10692 [gr-qc]].

(23) M. Minamitsuji and S. Tsujikawa, Phys. Rev. D **106**, no.6, 064008 (2022) doi:10.1103/PhysRevD.106.064008 [arXiv:2207.04461 [gr-qc]].

(24) W. K. Luo, C. Y. Zhang, P. Liu, C. Niu and B. Wang, Phys. Rev. D **106**, no.6, 064036 (2022) doi:10.1103/PhysRevD.106.064036 [arXiv:2206.05690 [gr-qc]].

(25) A. Papageorgiou, C. Park and M. Park, Phys. Rev. D **106**, no.8, 084024 (2022) doi:10.1103/PhysRevD.106.08 [arXiv:2205.00907 [hep-th]].

(26) M. Minamitsuji, K. Takahashi and S. Tsujikawa, Phys. Rev. D **106**, no.4, 044003 (2022) doi:10.1103/PhysRevD.106.044003 [arXiv:2204.13837 [gr-qc]].

(27) C. Y. Zhang, Q. Chen, Y. Liu, W. K. Luo, Y. Tian and B. Wang, Phys. Rev. D **106**, no.6, L061501 (2022) doi:10.1103/PhysRevD.106.L061501 [arXiv:2204.09260 [gr-qc]].

(28) A. Pombo, "Black holes and solitonic objects with bosonic fields, " PhD Thesis, University of Aveiro (2022)

(29) Y. P. Zhang, Y. Q. Wang, S. W. Wei and Y. X. Liu, Phys. Rev. D **106**, no.2, 024027 (2022) doi:10.1103/PhysRevD.106.024027 [arXiv:2203.10341 [gr-qc]].

(30) F. Foucart, P. Laguna, G. Lovelace, D. Radice and H. Witek, [arXiv:2203.08139 [gr-qc]].

(31) C. A. R. Herdeiro, A. M. Pombo and E. Radu, Universe **7**, no.12, 483 (2021) doi:10.3390/universe7120483 [arXiv:2111.06442 [gr-qc]].

(32) G. Ventagli, G. Antoniou, A. Lehébel and T. P. Sotiriou, Phys. Rev. D **104**, no.12, 124078 (2021) doi:10.1103/PhysRevD.104.124078 [arXiv:2111.03644 [gr-qc]].

(33) A. Dima, "Testing the gravitational phenomenology of compact objects: superradiance, scalarization and screening mechanisms," PhD thesis, SISSA, Trieste (2021)

A.20. E. Deligianni, B. Kleihaus, J. Kunz, P. Nedkova, **S. Yazadjiev**, "Quasiperiodic oscillations in rotating Ellis wormhole spacetimes," Phys.Rev.D 104 (2021) 6, 064043

[arXiv:2107.01421 [gr-qc]]

Забелязани независими цитати:

(1) J. Lu, S. Yang, Y. Zhang, L. Yang and M. Xu, [arXiv:2403.19942 [gr-qc]].

(2) J. Lu, S. Yang, M. Xu and L. Yang, [arXiv:2403.17454 [gr-qc]].

(3) C. Liu, H. Siew, T. Zhu, Q. Wu, Y. Zhao and H. Xu, [arXiv:2311.12423 [astro-ph.HE]].

(4) B. Azad, Lect. Notes Phys. **1022**, 3-30 (2023) doi:10.1007/978-3-031-42096-2_1

(5) V. A. Ishkaeva and S. V. Sushkov, Phys. Rev. D **108**, no.8, 084054 (2023) doi:10.1103/PhysRevD.108.084054 [arXiv:2308.02268 [gr-qc]].

(6) S. Shaymatov, B. Ahmedov, M. De Laurentis, M. Jamil, Q. Wu, A. Wang and M. Azreg-Aïnou, Astrophys. J. **959**, no.1, 6 (2023) doi:10.3847/1538-4357/acfcba [arXiv:2307.10804 [gr-qc]].

(7) M. Nozawa and T. Torii, Phys. Rev. D **108**, no.6, 064036 (2023) doi:10.1103/PhysRevD.108.064036 [arXiv:2306.15198 [gr-qc]].

(8) C. Liu, H. Siew, T. Zhu, Q. Wu, Y. Sun, Y. Zhao and H. Xu, JCAP **11**, 096 (2023) doi:10.1088/1475-7516/2023/11/096 [arXiv:2305.12323 [gr-qc]].

(9) Z. Stuchlík and J. Vrba, Eur. Phys. J. Plus **136**, no.11, 1127 (2021) doi:10.1140/epjp/s13360-021-02078-4 [arXiv:2110.10569 [gr-qc]].

(10) X. Y. Chew and K. G. Lim, Phys. Rev. D **105**, no.8, 084058 (2022) doi:10.1103/PhysRevD.105.084058 [arXiv:2109.00262 [gr-qc]].

(11) M. Bouhmadi-López, C. Y. Chen, X. Y. Chew, Y. C. Ong and D. h. Yeom, JCAP **10**, 059 (2021) doi:10.1088/1475-7516/2021/10/059 [arXiv:2108.07302 [gr-qc]].

A.21. G. Gyulchev, P. Nedkova,T. Vetsov, **S. Yazadjiev**, "Image of the thin accretion disk around compact objects in the Einstein-Gauss-Bonnet gravity," Eur. Phys. J. C 81 (2021) 10, 885

[arXiv:2106.14697 [gr-qc]]

Забелязани независими цитати:

(1) A. Liu, T. Y. He, M. Liu, Z. W. Han and R. J. Yang, [arXiv:2404.14131 [gr-qc]].

(2) P. Kocherlakota, L. Rezzolla, R. Roy and M. Wielgus, [arXiv:2403.08862 [astro-ph.HE]].

(3) Z. Zhang, Y. Hou, M. Guo and B. Chen, JCAP **05**, 032 (2024) doi:10.1088/1475-7516/2024/05/032 [arXiv:2401.14794 [astro-ph.HE]].

(4) H. Huang, J. Kunz and D. Mitra, JCAP **05**, 007 (2024) doi:10.1088/1475-7516/2024/05/007 [arXiv:2401.15249 [gr-qc]].

(5) R. Carballo-Rubio, H. Delaporte, A. Eichhorn and A. Held, [arXiv:2312.11351 [gr-qc]].

(6) D. Ayzenberg, L. Blackburn, R. Brito, S. Britzen, A. Broderick, R. Carballo-Rubio, V. Cardoso, A. Chael, K. Chatterjee and Y. Chen, *et al.* [arXiv:2312.02130 [astro-ph.HE]].

(7) M. Heydari-Fard, M. Heydari-Fard and N. Riazi, [arXiv:2311.12393 [gr-qc]].

(8) S. Guo, Y. X. Huang, Y. H. Cui, Y. Han, Q. Q. Jiang, E. W. Liang and K. Lin, Eur. Phys. J. C **83**, no.11, 1059 (2023) doi:10.1140/epjc/s10052-023-12208-0 [arXiv:2310.20523 [gr-qc]].

(9) G. Abbas and H. Rehman, Fortsch. Phys. **71**, no.12, 2200205 (2023) doi:10.1002/prop.202200205 [arXiv:2309.03236 [gr-qc]].

(10) G. D. Prada-Méndez, F. D. Lora-Clavijo and J. M. Velásquez-Cadavid, Class. Quant. Grav. **40**, no.19, 195011 (2023) doi:10.1088/1361-6382/acf17e [arXiv:2308.09174 [gr-qc]].

(11) O. Stashko, Spherically-symmetric naked singularities with minimally-coupled scalar fields : effects of self-interaction and quasi-normal modes, PhD thesis, Johann Wolfgang Goethe-Universitat (2024) doi:10.21248/gups.81695

(12) S. Guo, Y. X. Huang and G. P. Li, Chin. Phys. C **47**, no.6, 065105 (2023) doi:10.1088/1674-1137/accad5 [arXiv:2305.00007 [gr-qc]].

(13) S. Hu, C. Deng, S. Guo, X. Wu and E. Liang, Eur. Phys. J. C **83**, no.3, 264 (2023) doi:10.1140/epjc/s10052-023-11411-3

(14) P. Da Silva Fernandes, "Gauss-Bonnet Theories of Gravity in Four Dimensions," PhD thesis, Queen Mary, U. of London (2023)

(15) F. Long, M. Yang, J. Chen and Y. Wang, Int. J. Mod. Phys. A **37**, no.34, 2250206 (2022) doi:10.1142/S0217751X22502062

(16) J. Z. Yang, S. Shahidi and T. Harko, Eur. Phys. J. C **82**, no.12, 1171 (2022) doi:10.1140/epjc/s10052-022-11131-0 [arXiv:2212.05542 [gr-qc]].

(17) I. D. D. Carvalho, G. Alencar and C. R. Muniz, Phys. Dark Univ. **42**, 101290 (2023) doi:10.1016/j.dark.2023.101290 [arXiv:2211.11538 [gr-qc]].

(18) M. Heydari-Fard, S. G. Honarvar and M. Heydari-Fard, Mon. Not. Roy. Astron. Soc. **521**, no.1, 708-716 (2023) doi:10.1093/mnras/stad558 [arXiv:2210.04173 [gr-qc]].

(19) T. Y. He, Z. Cai and R. J. Yang, Eur. Phys. J. C **82**, no.11, 1067 (2022) doi:10.1140/epjc/s10052-022-11037-x [arXiv:2208.03723 [gr-qc]].

(20) O. Donmez, F. Dogan and T. Sahin, Universe **8**, no.9, 458 (2022) doi:10.3390/universe8090458 [arXiv:2205.14382 [astro-ph.HE]].

(21) Z. Zhang, S. Chen and J. Jing, Eur. Phys. J. C **82**, no.9, 835 (2022) doi:10.1140/epjc/s10052-022-10794-z [arXiv:2205.13696 [gr-qc]].

(22) M. Guerrero, G. J. Olmo, D. Rubiera-Garcia and D. Sáez-Chillón Gómez, Phys. Rev. D **106**, no.4, 044070 (2022) doi:10.1103/PhysRevD.106.044070 [arXiv:2205.12147 [gr-qc]].

(23) A. Uniyal, R. C. Pantig and A. Övgün, Phys. Dark Univ. **40**, 101178 (2023) doi:10.1016/j.dark.2023.101178 [arXiv:2205.11072 [gr-qc]].

(24) S. Vagnozzi, R. Roy, Y. D. Tsai, L. Visinelli, M. Afrin, A. Allahyari, P. Bambhaniya, D. Dey, S. G. Ghosh and P. S. Joshi, *et al.* Class. Quant. Grav. **40**, no.16, 165007 (2023) doi:10.1088/1361-6382/acd97b [arXiv:2205.07787 [gr-qc]].

(25) S. Kazempour, Y. C. Zou and A. R. Akbarieh, Eur. Phys. J. C **82**, no.3, 190 (2022) doi:10.1140/epjc/s10052-022-10153-y [arXiv:2203.05190 [gr-qc]].

(26) A. Chowdhury, S. Devi and S. Chakrabarti, Phys. Rev. D **106**, no.2, 024023 (2022) doi:10.1103/PhysRevD.106.024023 [arXiv:2202.13698 [gr-qc]].

(27) P. G. S. Fernandes, P. Carrilho, T. Clifton and D. J. Mulryne, Class. Quant. Grav. **39**, no.6, 063001 (2022) doi:10.1088/1361-6382/ac500a [arXiv:2202.13908 [gr-qc]].

(28) P. Bambhaniya, S. K, K. Jusufi and P. S. Joshi, Phys. Rev. D **105**, no.2, 023021 (2022) doi:10.1103/PhysRevD.105.023021 [arXiv:2109.15054 [gr-qc]].

(29) O. Stashko and V. I. Zhdanov, Galaxies **9**, no.4, 72 (2021) doi:10.3390/galaxies9040072 [arXiv:2109.01931 [gr-qc]].

(30) P. G. S. Fernandes, P. Carrilho, T. Clifton and D. J. Mulryne, Phys. Rev. D **104**, no.4, 044029 (2021) doi:10.1103/PhysRevD.104.044029 [arXiv:2107.00046 [gr-qc]].

A.22. Hao-Jui Kuan, J. Singh, D. Doneva, **S. Yazadjiev**, K. Kokkotas, "Nonlinear evolution and nonuniqueness of scalarized neutron stars," Phys.Rev.D 104 (2021) 12, 124013

[arXiv: 2105.08543 [gr-qc]]

Забелязани независими цитати:

(1) F. Corelli, "Tackling conceptual problems in gravity with numerically simulated gedanken experiments," PhD thesis, U. Rome La Sapienza (2024)

(2) O. Schön,"On Tensor Multi-Scalar Theories in a Post-Newtonian Setting," doi:10.15496/publikation-90502

(3) J. L. Ripley, Int. J. Mod. Phys. D **31**, no.13, 2230017 (2022) doi:10.1142/S0218271822300178 [arXiv:2207.13074 [gr-qc]].

(4) F. Corelli, M. De Amicis, T. Ikeda and P. Pani, Phys. Rev. Lett. **130**, no.9, 091501 (2023) doi:10.1103/PhysRevLett.130.091501 [arXiv:2205.13006 [gr-qc]].

(5) F. Corelli, M. De Amicis, T. Ikeda and P. Pani, Phys. Rev. D **107**, no.4, 044061 (2023) doi:10.1103/PhysRevD.107.044061 [arXiv:2205.13007 [gr-qc]].

A.23. E. Deligianni, J. Kunz, P. Nedkova,**S. Yazadjiev** and R. Zheleva, "Quasiperiodic oscillations around rotating traversable wormholes," Phys.Rev.D 104 (2021) 2, 024048

[arXiv:2103.13504 [gr-qc]]

Забелязани независими цитати:

(1) J. Lu, S. Yang, M. Xu and L. Yang, [arXiv:2403.17454 [gr-qc]].

(2) C. Liu, H. Siew, T. Zhu, Q. Wu, Y. Zhao and H. Xu, [arXiv:2311.12423 [astro-ph.HE]].

(3) D. Gregoris, Eur. Phys. J. C **83**, no.11, 1056 (2023) doi:10.1140/epjc/s10052-023-12229-9

(4) B. Azad, Lect. Notes Phys. **1022**, 3-30 (2023) doi:10.1007/978-3-031-42096-2_1

(5) V. De Falco, Phys. Rev. D **108**, no.2, 024051 (2023) doi:10.1103/PhysRevD.108.024051 [arXiv:2307.03151 [gr-qc]].

(6) H. K. Nguyen and M. Azreg-Aïnou, [arXiv:2305.15450 [gr-qc]].

(7) C. Liu, H. Siew, T. Zhu, Q. Wu, Y. Sun, Y. Zhao and H. Xu, JCAP **11**, 096 (2023) doi:10.1088/1475-7516/2023/11/096 [arXiv:2305.12323 [gr-qc]].

(8) H. K. Nguyen and M. Azreg-Aïnou, Eur. Phys. J. C **83**, no.7, 626 (2023) doi:10.1140/epjc/s10052-023-11805-3 [arXiv:2305.04321 [gr-qc]].

(9) C. Bambi, [arXiv:2210.05322 [gr-qc]].

(10) Z. Stuchlík and J. Vrba, Eur. Phys. J. Plus **136**, no.11, 1127 (2021) doi:10.1140/epjp/s13360-021-02078-4 [arXiv:2110.10569 [gr-qc]].

(11) M. S. Volkov, Phys. Rev. D **104**, no.12, 124064 (2021) doi:10.1103/PhysRevD.104.124064 [arXiv:2109.14496 [gr-qc]].

(12) X. Y. Chew and K. G. Lim, Phys. Rev. D **105**, no.8, 084058 (2022) doi:10.1103/PhysRevD.105.084058 [arXiv:2109.00262 [gr-qc]].

(13) M. Bouhmadi-López, C. Y. Chen, X. Y. Chew, Y. C. Ong and D. h. Yeom, JCAP **10**, 059 (2021) doi:10.1088/1475-7516/2021/10/059 [arXiv:2108.07302 [gr-qc]].

(14) Z. Stuchlík and J. Vrba, Universe **7**, no.8, 279 (2021) doi:10.3390/universe7080279 [arXiv:2108.09562 [gr-qc]].

(15) V. De Falco, M. De Laurentis and S. Capozziello, Phys. Rev. D **104**, no.2, 024053 (2021) doi:10.1103/PhysRevD.104.024053 [arXiv:2106.12564 [gr-qc]].

(16) K. Jusufi, S. Kumar, M. Azreg-Aïnou, M. Jamil, Q. Wu and C. Bambi, Eur. Phys. J. C **82**, no.7, 633 (2022) doi:10.1140/epjc/s10052-022-10603-7 [arXiv:2106.08070 [gr-qc]].

A.24. Hao-Jui Kuan, D. D. Doneva and **S. S.Yazadjiev** , "Dynamical Formation of Scalarized Black Holes and Neutron Stars through Stellar Core Collapse," Phys. Rev. Lett. 127 (2021) 16, 161103

[arXiv:2103.11999 [gr-qc]]

Забелязани независими цитати:

(1) X. Y. Chew and Y. S. Myung, [arXiv:2405.04921 [gr-qc]].

(2) F. Rahimi and Z. Rezaei, [arXiv:2401.13557 [astro-ph.HE]].

(3) F. Corelli, "Tackling conceptual problems in gravity with numerically simulated gedanken experiments," PhD thesis, U. Rome La Sapienza (2024)

(4) H. Guo, W. L. Qian and B. Wang, [arXiv:2401.09846 [gr-qc]].

(5) M. Corman, "Black holes in cosmological spacetimes and alternative theories of gravity," PhD thesis, University of Waterloo (2023)

(6) A. H. K. R, J. L. Ripley and N. Yunes, Phys. Rev. D **107**, no.4, 044044 (2023) doi:10.1103/PhysRevD.107.044 [arXiv:2211.08477 [gr-qc]].

(7) Q. Chen, Z. Ning, Y. Tian, B. Wang and C. Y. Zhang, JHEP **01**, 062 (2023) doi:10.1007/JHEP01(2023)062 [arXiv:2210.14539 [hep-th]].

(8) M. Corman, J. L. Ripley and W. E. East, Phys. Rev. D **107**, no.2, 024014 (2023) doi:10.1103/PhysRevD.107.024014 [arXiv:2210.09235 [gr-qc]].

(9) C. Niu, W. Xiong, P. Liu, C. Y. Zhang and B. Wang, [arXiv:2209.12117 [gr-qc]].

(10) Y. Liu, C. Y. Zhang, Q. Chen, Z. Cao, Y. Tian and B. Wang, Sci. China Phys. Mech. Astron. **66**, no.10, 100412 (2023) doi:10.1007/s11433-023-2160-1 [arXiv:2208.07548 [gr-qc]].

(11) W. K. Luo, C. Y. Zhang, P. Liu, C. Niu and B. Wang, Phys. Rev. D **106**, no.6, 064036 (2022) doi:10.1103/PhysRevD.106.064036 [arXiv:2206.05690 [gr-qc]].

(12) F. Corelli, M. De Amicis, T. Ikeda and P. Pani, Phys. Rev. Lett. **130**, no.9, 091501 (2023) doi:10.1103/PhysRevLett.130.091501 [arXiv:2205.13006 [gr-qc]].

(13) F. Corelli, M. De Amicis, T. Ikeda and P. Pani, Phys. Rev. D **107**, no.4, 044061 (2023) doi:10.1103/PhysRevD.107.044061 [arXiv:2205.13007 [gr-qc]].

(14) R. S. Bogadi and M. Govender, Eur. Phys. J. C **82**, no.5, 475 (2022) doi:10.1140/epjc/s10052-022-10442-6

(15) W. Xiong, P. Liu, C. Niu, C. Y. Zhang and B. Wang, Chin. Phys. C **46**, no.9, 095103 (2022) doi:10.1088/1674-1137/ac70ad [arXiv:2205.07538 [gr-qc]].

(16) F. Foucart, P. Laguna, G. Lovelace, D. Radice and H. Witek, [arXiv:2203.08139 [gr-qc]].

(17) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Universe **8**, no.3, 153 (2022) doi:10.3390/universe8030153 [arXiv:2204.04984 [gr-qc]].

(18) F. L. Julié, H. O. Silva, E. Berti and N. Yunes, Phys. Rev. D **105**, no.12, 124031 (2022) doi:10.1103/PhysRevD.105.124031 [arXiv:2202.01329 [gr-qc]].

(19) C. Y. Zhang, P. Liu, Y. Liu, C. Niu and B. Wang, Phys. Rev. D **105**, no.2, 024073 (2022) doi:10.1103/PhysRevD.105.024073 [arXiv:2111.10744 [gr-qc]].

(20) R. Xu, Y. Gao and L. Shao, Phys. Rev. D **105**, no.2, 024003 (2022) doi:10.1103/PhysRevD.105.024003 [arXiv:2111.06561 [gr-qc]].

(21) R. S. Bogadi, M. Govender and S. Moyo, Eur. Phys. J. C **81**, no.10, 922 (2021) doi:10.1140/epjc/s10052-021-09744-y

(22) H. O. Silva, A. Coates, F. M. Ramazanoğlu and T. P. Sotiriou, Phys. Rev. D **105**, no.2, 024046 (2022) doi:10.1103/PhysRevD.105.024046 [arXiv:2110.04594 [gr-qc]].

(23) A. Dima, "Testing the gravitational phenomenology of compact objects: superradiance, scalarization and screening mechanisms,"

(24) B. Shiralilou, T. Hinderer, S. M. Nissanke, N. Ortiz and H. Witek, Class. Quant. Grav. **39**, no.3, 035002 (2022) doi:10.1088/1361-6382/ac4196 [arXiv:2105.13972 [gr-qc]].

(25) W. E. East and J. L. Ripley, Phys. Rev. Lett. **127**, no.10, 101102 (2021) doi:10.1103/PhysRevLett.127.10110 [arXiv:2105.08571 [gr-qc]].

A.25. D. D. Doneva and **S. S. Yazadjiev**, "Spontaneously scalarized black holes in dynamical Chern-Simons gravity: dynamics and equilibrium solutions," Phys. Rev. D **103**, no. 8, 083007 (2021) [arXiv:2102.03940 [gr-qc]].

Забелязани независими цитати:

(1) H. Xu, Y. Zhan and S. J. Zhang, [arXiv:2403.19392 [gr-qc]].

(2) S. Alexander, H. Bernardo and C. Creque-Sarbinowski, [arXiv:2403.15657 [hep-th]].

(3) M. Minamitsuji, S. Mukohyama and S. Tsujikawa, [arXiv:2403.10048 [gr-qc]].

(4) K. H. Fan, Y. S. Myung, D. C. Zou and M. Y. Lai, [arXiv:2401.00144 [gr-qc]].

(5) H. W. H. Tahara, K. Takahashi, M. Minamitsuji and H. Motohashi, [arXiv:2312.11899 [gr-qc]].

(6) I. R. van Gemeren, "Black holes letting their hair down; Incorporating tidal effects in the gravitational wave signature of scalarized black holes in quadratic gravity," Utrech Univesrsity (2022)

(7) N. Afshordi *et al.* [LISA Consortium Waveform Working Group], [arXiv:2311.01300 [gr-qc]].

(8) H. J. Lin, T. Zhu, S. J. Zhang and A. Wang, Phys. Rev. D **108**, no.4, 044005 (2023) doi:10.1103/PhysRevD.108.044005 [arXiv:2305.15733 [gr-qc]].

(9) N. Parbin, D. J. Gogoi and U. D. Goswami, Phys. Dark Univ. **41**, 101265 (2023) doi:10.1016/j.dark.2023.101265 [arXiv:2305.09157 [gr-qc]].

(10) C. Richards, A. Dima and H. Witek, Phys. Rev. D **108**, no.4, 044078 (2023) doi:10.1103/PhysRevD.108.0440 [arXiv:2305.07704 [gr-qc]].

(11) S. J. Zhang, Eur. Phys. J. C **83**, no.10, 950 (2023) doi:10.1140/epjc/s10052-023-12144-z [arXiv:2304.08092 [gr-qc]].

(12) J. Jiang and J. Tan, Eur. Phys. J. C **83**, no.4, 290 (2023) doi:10.1140/epjc/s10052-023-11455-5

(13) A. Bakopoulos and T. Nakas, Phys. Rev. D **107**, no.12, 124035 (2023) doi:10.1103/PhysRevD.107.124035 [arXiv:2303.09116 [gr-qc]].

(14) H. Xu and S. J. Zhang, Nucl. Phys. B **987**, 116110 (2023) doi:10.1016/j.nuclphysb.2023.116110 [arXiv:2302.05023 [gr-qc]].

(15) H. J. Kuan, doi:10.15496/publikation-76851

(16) S. J. Zhang, B. Wang, E. Papantonopoulos and A. Wang, Eur. Phys. J. C **83**, no.1, 97 (2023) doi:10.1140/epjc/s10052-023-11254-y [arXiv:2209.02268 [gr-qc]].

(17) Y. P. Zhang, Y. Q. Wang, S. W. Wei and Y. X. Liu, Phys. Rev. D **106**, no.2, 024027 (2022) doi:10.1103/PhysRevD.106.024027 [arXiv:2203.10341 [gr-qc]].

(18) F. Foucart, P. Laguna, G. Lovelace, D. Radice and H. Witek, [arXiv:2203.08139 [gr-qc]].

(19) S. Alexander, G. Gabadadze, L. Jenks and N. Yunes, Phys. Rev. D **107**, no.8, 084016 (2023) doi:10.1103/PhysRevD.107.084016 [arXiv:2201.02220 [gr-qc]].

(20) H. O. Silva, A. Coates, F. M. Ramazanoğlu and T. P. Sotiriou, Phys. Rev. D **105**, no.2, 024046 (2022) doi:10.1103/PhysRevD.105.024046 [arXiv:2110.04594 [gr-qc]].

(21) C. Y. Chen and H. Y. K. Yang, Eur. Phys. J. C **82**, no.4, 307 (2022) doi:10.1140/epjc/s10052-022-10263-7 [arXiv:2109.00564 [gr-qc]].

(22) M. Srivastava, Y. Chen and S. Shankaranarayanan, Phys. Rev. D **104**, no.6, 064034 (2021) doi:10.1103/PhysRevD.104.064034 [arXiv:2106.06209 [gr-qc]].

(23) M. Minamitsuji and S. Tsujikawa, Phys. Lett. B **820**, 136509 (2021) doi:10.1016/j.physletb.2021.136509 [arXiv:2105.14661 [gr-qc]].

(24) Y. S. Myung and D. C. Zou, Int. J. Mod. Phys. D **30**, no.11, 2150082 (2021) doi:10.1142/S0218271821500826 [arXiv:2103.01389 [gr-qc]].

(25) S. J. Zhang, Eur. Phys. J. C **81**, no.5, 441 (2021) doi:10.1140/epjc/s10052-021-09249-8 [arXiv:2102.10479 [gr-qc]].

A.26. L. G. Collodel, D. D. Doneva and **S. S. Yazadjiev**, "Circular Orbit Structure and Thin Accretion Disks around Kerr Black Holes with Scalar Hair," Astrophys. J. **910**, no. 1, 52 (2021) [arXiv:2101.05073 [astro-ph.HE]].

Забелязани независими цитати:

(1) A. Liu, T. Y. He, M. Liu, Z. W. Han and R. J. Yang, [arXiv:2404.14131 [gr-qc]].

(2) A. Malik and M. U. Shahzad, Fortsch. Phys. **72**, no.4, 2300116 (2024) doi:10.1002/prop.202300116

(3) H. Feng and R. J. Yang, [arXiv:2403.18541 [gr-qc]].

(4) O. Stashko, "Spherically-symmetric naked singularities with minimally-coupled scalar fields : effects of self-interaction and quasi-normal modes," PhD thesis, Johann Wolfgang Goethe-Universitat (2024) doi:10.21248/gups.81695

(5) J. F. M. Delgado, C. A. R. Herdeiro and E. Radu, JCAP **10**, 029 (2023) doi:10.1088/1475-7516/2023/10/029 [arXiv:2305.02333 [gr-qc]].

(6) T. Y. He, Z. Cai and R. J. Yang, Eur. Phys. J. C **82**, no.11, 1067 (2022) doi:10.1140/epjc/s10052-022-11037-x [arXiv:2208.03723 [gr-qc]].

(7) Z. Zhang, S. Chen and J. Jing, Eur. Phys. J. C **82**, no.9, 835 (2022) doi:10.1140/epjc/s10052-022-10794-z [arXiv:2205.13696 [gr-qc]].

(8) J. F. M. Delgado, [arXiv:2204.02419 [gr-qc]].

(9) O. Stashko and V. I. Zhdanov, Galaxies **9**, no.4, 72 (2021) doi:10.3390/galaxies9040072 [arXiv:2109.01931 [gr-qc]].

(10) C. Y. Chen and H. Y. K. Yang, Eur. Phys. J. C **82**, no.4, 307 (2022) doi:10.1140/epjc/s10052-022-10263-7 [arXiv:2109.00564 [gr-qc]].

(11) O. S. Stashko, V. I. Zhdanov and A. N. Alexandrov, Phys. Rev. D **104**, no.10, 104055 (2021) doi:10.1103/PhysRevD.104.104055 [arXiv:2107.05111 [gr-qc]].

(12) J. F. M. Delgado, C. A. R. Herdeiro and E. Radu, Phys. Rev. D **105**, no.6, 064026 (2022) doi:10.1103/PhysRevD.105.064026 [arXiv:2107.03404 [gr-qc]].

(13) K. Van Aelst, E. Gourgoulhon and F. H. Vincent, Phys. Rev. D **104**, no.12, 124034 (2021) doi:10.1103/PhysRevD.104.124034 [arXiv:2103.01827 [gr-qc]].

(14) B. H. Lee, W. Lee and Y. S. Myung, Phys. Rev. D **103**, no.6, 064026 (2021) doi:10.1103/PhysRevD.103.0640 [arXiv:2101.04862 [gr-qc]].

A.27. D. D. Doneva and **S. S. Yazadjiev**, "Dynamics of the nonrotating and rotating black hole scalarization," Phys. Rev. D **103**, no. 6, 064024 (2021)

[arXiv:2101.03514 [gr-qc]].

Забелязани независими цитати:

(1) M. Minamitsuji, S. Mukohyama and S. Tsujikawa, [arXiv:2403.10048 [gr-qc]].

(2) M. Minamitsuji and K. i. Maeda, [arXiv:2403.08986 [gr-qc]].

(3) N. Afshordi *et al.* [LISA Consortium Waveform Working Group], [arXiv:2311.01300 [gr-qc]].

(4) M. Minamitsuji and K. i. Maeda, Phys. Rev. D **108**, no.8, 084061 (2023) doi:10.1103/PhysRevD.108.084061 [arXiv:2308.01082 [gr-qc]].

(5) M. Minamitsuji and S. Mukohyama, Phys. Rev. D **108**, no.2, 024029 (2023) doi:10.1103/PhysRevD.108.0240 [arXiv:2305.05185 [gr-qc]].

(6) S. J. Zhang, Eur. Phys. J. C **83**, no.10, 950 (2023) doi:10.1140/epjc/s10052-023-12144-z [arXiv:2304.08092 [gr-qc]].

(7) J. Jiang and J. Tan, Eur. Phys. J. C **83**, no.4, 290 (2023) doi:10.1140/epjc/s10052-023-11455-5

(8) A. Bakopoulos and T. Nakas, Phys. Rev. D **107**, no.12, 124035 (2023) doi:10.1103/PhysRevD.107.124035 [arXiv:2303.09116 [gr-qc]].

(9) H. J. Kuan, "Tidal Effects in Pre-merger Neutron Stars and Dynamics of Scalarized Compact Objects," doi:10.15496/publikation-76851

(10) P. Da Silva Fernandes, "Gauss-Bonnet Theories of Gravity in Four Dimensions," PhD thesis, Queen Mary, U. of London (main) (2023)

(11) Q. Chen, Z. Ning, Y. Tian, B. Wang and C. Y. Zhang, JHEP **01**, 062 (2023) doi:10.1007/JHEP01(2023)062 [arXiv:2210.14539 [hep-th]].

(12) S. J. Zhang, B. Wang, E. Papantonopoulos and A. Wang, Eur. Phys. J. C **83**, no.1, 97 (2023) doi:10.1140/epjc/s10052-023-11254-y [arXiv:2209.02268 [gr-qc]].

(13) Y. Liu, C. Y. Zhang, Q. Chen, Z. Cao, Y. Tian and B. Wang, Sci. China Phys. Mech. Astron. **66**, no.10, 100412 (2023) doi:10.1007/s11433-023-2160-1 [arXiv:2208.07548 [gr-qc]].

(14) M. M. Khalil, "Analytical modeling of compact binaries in general relativity and modified gravity theories," doi:10.13016/nj5r-bfj5

(15) P. G. S. Fernandes, D. J. Mulryne and J. F. M. Delgado, Class. Quant. Grav. **39**, no.23, 235015 (2022) doi:10.1088/1361-6382/aca010 [arXiv:2207.10692 [gr-qc]].

(16) M. Khalil, R. F. P. Mendes, N. Ortiz and J. Steinhoff, Phys. Rev. D **106**, no.10, 104016 (2022) doi:10.1103/PhysRevD.106.104016 [arXiv:2206.13233 [gr-qc]].

(17) W. K. Luo, C. Y. Zhang, P. Liu, C. Niu and B. Wang, Phys. Rev. D **106**, no.6, 064036 (2022) doi:10.1103/PhysRevD.106.064036 [arXiv:2206.05690 [gr-qc]].

(18) Y. Liu, C. Y. Zhang, W. L. Qian, K. Lin and B. Wang, JHEP **01**, 074 (2023) doi:10.1007/JHEP01(2023)074 [arXiv:2206.05012 [gr-qc]].

(19) C. A. R. Herdeiro, Lect. Notes Phys. **1017**, 315-331 (2023) doi:10.1007/978-3-031-31520-6_8 [arXiv:2204.05640 [gr-qc]].

(20) Y. P. Zhang, Y. Q. Wang, S. W. Wei and Y. X. Liu, Phys. Rev. D **106**, no.2, 024027 (2022) doi:10.1103/PhysRevD.106.024027 [arXiv:2203.10341 [gr-qc]].

(21) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Universe **8**, no.3, 153 (2022) doi:10.3390/universe8030153 [arXiv:2204.04984 [gr-qc]].

(22) C. Y. Zhang, P. Liu, Y. Liu, C. Niu and B. Wang, Phys. Rev. D **105**, no.2, 024073 (2022) doi:10.1103/PhysRevD.105.024073 [arXiv:2111.10744 [gr-qc]].

(23) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Arab. J. Math. **11**, no.1, 17-30 (2022) doi:10.1007/s40065-021-00349-7 [arXiv:2106.15574 [gr-qc]].

(24) M. Minamitsuji and S. Tsujikawa, Phys. Lett. B **820**, 136509 (2021) doi:10.1016/j.physletb.2021.136509 [arXiv:2105.14661 [gr-qc]].

(25) B. Shiralilou, T. Hinderer, S. M. Nissanke, N. Ortiz and H. Witek, Class. Quant. Grav. **39**, no.3, 035002 (2022) doi:10.1088/1361-6382/ac4196 [arXiv:2105.13972 [gr-qc]].

(26) W. E. East and J. L. Ripley, Phys. Rev. Lett. **127**, no.10, 101102 (2021) doi:10.1103/PhysRevLett.127.10110 [arXiv:2105.08571 [gr-qc]].

(27) I. R. van Gemeren, "Black holes letting their hair down; Incorporating tidal effects in the gravitational wave signature of scalarized black holes in quadratic gravity," thesis, Utrech Univesrsity (2022)

(28) C. Y. Zhang, P. Liu, Y. Liu, C. Niu and B. Wang, Phys. Rev. D **105**, no.2, 024010 (2022) doi:10.1103/PhysRevD.105.024010 [arXiv:2104.07281 [gr-qc]].

(29) C. Herdeiro, E. Radu and D. H. Tchrakian, Symmetry **13**, no.4, 590 (2021) doi:10.3390/sym13040590 [arXiv:2104.01547 [gr-qc]].

(30) C. Y. Zhang, P. Liu, Y. Liu, C. Niu and B. Wang, Phys. Rev. D **104**, no.8, 084089 (2021) doi:10.1103/PhysRevD.104.084089 [arXiv:2103.13599 [gr-qc]].

(31) S. Barton, B. Hartmann, B. Kleihaus and J. Kunz, Phys. Lett. B **817**, 136336 (2021) doi:10.1016/j.physletb.2021.136336 [arXiv:2103.01651 [gr-qc]].

(32) H. O. Silva, H. Witek, M. Elley and N. Yunes, Phys. Rev. Lett. **127**, no.3, 031101 (2021) doi:10.1103/PhysRevLett.127.031101 [arXiv:2012.10436 [gr-qc]].

A.28. D. D. Doneva, L. G. Collodel, C. J. Kr?ger and **S. S. Yazadjiev**, "Spin-induced scalarization of Kerr black holes with a massive scalar field," Eur. Phys. J. C **80**, no. 12, 1205 (2020)

[arXiv:2009.03774 [gr-qc]].

Забелязани независими цитати:

(1) D. Pedrotti and S. Vagnozzi, [arXiv:2404.07589 [gr-qc]].

(2) H. Xu, Y. Zhan and S. J. Zhang, [arXiv:2403.19392 [gr-qc]].

(3) P. G. S. Fernandes, C. Burrage, A. Eichhorn and T. P. Sotiriou, Phys. Rev. D **109**, no.10, 104033 (2024) doi:10.1103/PhysRevD.109.104033 [arXiv:2403.14596 [gr-qc]].

(4) C. Xu, Z. H. Yang, X. M. Kuang and R. H. Yue, Commun. Theor. Phys. **76**, no.1, 015402 (2024) doi:10.1088/1572-9494/ad1326

(5) H. Xu and S. J. Zhang, Nucl. Phys. B **987**, 116110 (2023) doi:10.1016/j.nuclphysb.2023.116110 [arXiv:2302.05023 [gr-qc]].

(6) H. J. Kuan, "Tidal Effects in Pre-merger Neutron Stars and Dynamics of Scalarized Compact Objects," doi:10.15496/publikation-76851

(7) M. Y. Lai, Y. S. Myung, R. H. Yue and D. C. Zou, Phys. Rev. D **106**, no.8, 084043 (2022) doi:10.1103/PhysRevD.106.084043 [arXiv:2208.11849 [gr-qc]].

(8) M. Y. Lai, Y. S. Myung, R. H. Yue and D. C. Zou, Phys. Rev. D **106**, no.4, 044045 (2022) doi:10.1103/PhysRevD.106.044045 [arXiv:2206.11587 [gr-qc]].

(9) L. K. Wong, C. A. R. Herdeiro and E. Radu, Phys. Rev. D **106**, no.2, 024008 (2022) doi:10.1103/PhysRevD.106.024008 [arXiv:2204.09038 [gr-qc]].

(10) S. Hod, Phys. Rev. D **105**, no.8, 084013 (2022) doi:10.1103/PhysRevD.105.084013 [arXiv:2204.13122 [gr-qc]].

(11) L. Annulli, C. A. R. Herdeiro and E. Radu, Phys. Lett. B **832**, 137227 (2022) doi:10.1016/j.physletb.2022.137 [arXiv:2203.13267 [gr-qc]].

(12) Y. P. Zhang, Y. Q. Wang, S. W. Wei and Y. X. Liu, Phys. Rev. D **106**, no.2, 024027 (2022) doi:10.1103/PhysRevD.106.024027 [arXiv:2203.10341 [gr-qc]].

(13) C. Erices, S. Riquelme and N. Zalaquett, Phys. Rev. D **106**, no.4, 044046 (2022) doi:10.1103/PhysRevD.106.0 [arXiv:2203.06030 [gr-qc]].

(14) Z. H. Yang, G. Fu, X. M. Kuang and J. P. Wu, Eur. Phys. J. C **82**, no.10, 868 (2022) doi:10.1140/epjc/s10052-022-10834-8 [arXiv:2112.15052 [gr-qc]].

(15) A. Dima, "Testing the gravitational phenomenology of compact objects: superradiance, scalarization and screening mechanisms," PhD thesis, SISSA, Trieste (2021)

(16) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Arab. J. Math. **11**, no.1, 17-30 (2022) doi:10.1007/s40065-021-00349-7 [arXiv:2106.15574 [gr-qc]].

(17) S. Barton, B. Hartmann, B. Kleihaus and J. Kunz, Phys. Lett. B **817**, 136336 (2021) doi:10.1016/j.physletb.2021.136336 [arXiv:2103.01651 [gr-qc]].

(18) S. J. Zhang, Eur. Phys. J. C **81**, no.5, 441 (2021) doi:10.1140/epjc/s10052-021-09249-8 [arXiv:2102.10479 [gr-qc]].

(19) H. Guo, X. M. Kuang, E. Papantonopoulos and B. Wang, Eur. Phys. J. C **81**, no.9, 842 (2021) doi:10.1140/epjc/s10052-021-09630-7 [arXiv:2012.11844 [gr-qc]].

(20) S. H. Völkel, E. Barausse, N. Franchini and A. E. Broderick, Class. Quant. Grav. **38**, no.21, 21LT01 (2021) doi:10.1088/1361-6382/ac27ed [arXiv:2011.06812 [gr-qc]].

(21) C. A. R. Herdeiro, T. Ikeda, M. Minamitsuji, T. Nakamura and E. Radu, Phys. Rev. D **103**, no.4, 044019 (2021) doi:10.1103/PhysRevD.103.044019 [arXiv:2009.06971 [gr-qc]].

A.29. D. D. Doneva, L. G. Collodel, C. J. Kr?ger and **S. S. Yazadjiev**, "Black hole scalarization induced by the spin: 2+1 time evolution," Phys. Rev. D **102**, no. 10, 104027 (2020)

[arXiv:2008.07391 [gr-qc]].

Забелязани независими цитати:

(1) D. Pedrotti and S. Vagnozzi, [arXiv:2404.07589 [gr-qc]].

(2) H. Xu, Y. Zhan and S. J. Zhang, [arXiv:2403.19392 [gr-qc]].

(3) P. G. S. Fernandes, C. Burrage, A. Eichhorn and T. P. Sotiriou, Phys. Rev. D **109**, no.10, 104033 (2024) doi:10.1103/PhysRevD.109.104033 [arXiv:2403.14596 [gr-qc]].

(4) M. Minamitsuji and K. i. Maeda, [arXiv:2403.08986 [gr-qc]].

(5) K. H. Fan, Y. S. Myung, D. C. Zou and M. Y. Lai, [arXiv:2401.00144 [gr-qc]].

(6) M. Elley, "Simulating Scalar Fields in Astrophysical and Cosmological Settings," PhD thesis, King's College London (2023)

(7) S. Hod, JHEP **09**, 140 (2023) doi:10.1007/JHEP09(2023)140 [arXiv:2308.12990 [gr-qc]].

(8) M. Minamitsuji and K. i. Maeda, Phys. Rev. D **108**, no.8, 084061 (2023) doi:10.1103/PhysRevD.108.084061 [arXiv:2308.01082 [gr-qc]].

(9) H. J. Lin, T. Zhu, S. J. Zhang and A. Wang, Phys. Rev. D **108**, no.4, 044005 (2023) doi:10.1103/PhysRevD.108.044005 [arXiv:2305.15733 [gr-qc]].

(10) M. Minamitsuji and S. Mukohyama, Phys. Rev. D **108**, no.2, 024029 (2023) doi:10.1103/PhysRevD.108.0240 [arXiv:2305.05185 [gr-qc]].

(11) M. Y. Lai, D. C. Zou, R. H. Yue and Y. S. Myung, Phys. Rev. D **108**, no.8, 084007 (2023) doi:10.1103/PhysRevD.108.084007 [arXiv:2304.08012 [gr-qc]].

(12) A. Bakopoulos and T. Nakas, Phys. Rev. D **107**, no.12, 124035 (2023) doi:10.1103/PhysRevD.107.124035 [arXiv:2303.09116 [gr-qc]].

(13) S. Hod, Eur. Phys. J. C **83**, no.3, 214 (2023) doi:10.1140/epjc/s10052-023-11385-2 [arXiv:2303.16926 [gr-qc]].

(14) I. van Gemeren, B. Shiralilou and T. Hinderer, Phys. Rev. D **108**, no.2, 024026 (2023) doi:10.1103/PhysRevD.108.024026 [arXiv:2302.08480 [gr-qc]].

(15) H. Xu and S. J. Zhang, Nucl. Phys. B **987**, 116110 (2023) doi:10.1016/j.nuclphysb.2023.116110 [arXiv:2302.05023 [gr-qc]].

(16) H. J. Kuan,"Tidal Effects in Pre-merger Neutron Stars and Dynamics of Scalarized Compact Objects," doi:10.15496/publikation-76851

(17) P. Da Silva Fernandes, "Gauss-Bonnet Theories of Gravity in Four Dimensions," PhD thesis, Queen Mary, U. of London (2023)

(18) A. H. K. R, J. L. Ripley and N. Yunes, Phys. Rev. D **107**, no.4, 044044 (2023) doi:10.1103/PhysRevD.107.044 [arXiv:2211.08477 [gr-qc]].

(19) M. Zhang and J. Jiang, Phys. Rev. D **107**, no.4, 044002 (2023) doi:10.1103/PhysRevD.107.044002 [arXiv:2211.03650 [gr-qc]].

(20) S. J. Zhang, B. Wang, E. Papantonopoulos and A. Wang, Eur. Phys. J. C **83**, no.1, 97 (2023) doi:10.1140/epjc/s10052-023-11254-y [arXiv:2209.02268 [gr-qc]].

(21) M. Y. Lai, Y. S. Myung, R. H. Yue and D. C. Zou, Phys. Rev. D **106**, no.8, 084043 (2022) doi:10.1103/PhysRevD.106.084043 [arXiv:2208.11849 [gr-qc]].

(22) M. M. Khalil, "Analytical modeling of compact binaries in general relativity and modified gravity theories," doi:10.13016/nj5r-bfj5

(23) P. G. S. Fernandes, D. J. Mulryne and J. F. M. Delgado, Class. Quant. Grav. **39**, no.23, 235015 (2022) doi:10.1088/1361-6382/aca010 [arXiv:2207.10692 [gr-qc]].

(24) I. R. van Gemeren, "Black holes letting their hair down; Incorporating tidal effects in the gravitational wave signature of scalarized black holes in quadratic gravity," thesis, Utrech Univesrsity (2022)

(25) M. Khalil, R. F. P. Mendes, N. Ortiz and J. Steinhoff, Phys. Rev. D **106**, no.10, 104016 (2022) doi:10.1103/PhysRevD.106.104016 [arXiv:2206.13233 [gr-qc]].

(26) M. Y. Lai, Y. S. Myung, R. H. Yue and D. C. Zou, Phys. Rev. D **106**, no.4, 044045 (2022) doi:10.1103/PhysRevD.106.044045 [arXiv:2206.11587 [gr-qc]].

(27) M. Elley, H. O. Silva, H. Witek and N. Yunes, Phys. Rev. D **106**, no.4, 044018 (2022) doi:10.1103/PhysRevD.106.044018 [arXiv:2205.06240 [gr-qc]].

(28) S. Hod, Phys. Rev. D **105**, no.8, 084013 (2022) doi:10.1103/PhysRevD.105.084013 [arXiv:2204.13122 [gr-qc]].

(29) S. Hod, Phys. Rev. D **105**, no.8, 084056 (2022) doi:10.1103/PhysRevD.105.084056 [arXiv:2204.01748 [gr-qc]].

(30) Y. P. Zhang, Y. Q. Wang, S. W. Wei and Y. X. Liu, Phys. Rev. D **106**, no.2, 024027 (2022) doi:10.1103/PhysRevD.106.024027 [arXiv:2203.10341 [gr-qc]].

(31) F. Foucart, P. Laguna, G. Lovelace, D. Radice and H. Witek, [arXiv:2203.08139 [gr-qc]].

(32) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Universe **8**, no.3, 153 (2022) doi:10.3390/universe8030153 [arXiv:2204.04984 [gr-qc]].

(33) S. Hod, Phys. Rev. D **105**, no.2, 024074 (2022) doi:10.1103/PhysRevD.105.024074

(34) S. Hod, JHEP **02**, 039 (2022) doi:10.1007/JHEP02(2022)039 [arXiv:2201.03503 [hep-th]].

(35) A. Dima, "Testing the gravitational phenomenology of compact objects: superradiance, scalarization and screening mechanisms," PhD thesis, SISSA, Trieste (2021)

(36) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Arab. J. Math. **11**, no.1, 17-30 (2022) doi:10.1007/s40065-021-00349-7 [arXiv:2106.15574 [gr-qc]].

(37) B. Shiralilou, T. Hinderer, S. M. Nissanke, N. Ortiz and H. Witek, Class. Quant. Grav. **39**, no.3, 035002 (2022) doi:10.1088/1361-6382/ac4196 [arXiv:2105.13972 [gr-qc]].

(38) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(39) K. Yagi and M. Stepniczka, Phys. Rev. D **104**, no.4, 044017 (2021) doi:10.1103/PhysRevD.104.044017 [arXiv:2105.01614 [gr-qc]].

(40) D. C. Zou and Y. S. Myung, Phys. Lett. B **820**, 136545 (2021) doi:10.1016/j.physletb.2021.136545 [arXiv:2104.06583 [gr-qc]].

(41) C. Herdeiro, E. Radu and D. H. Tchrakian, Symmetry **13**, no.4, 590 (2021) doi:10.3390/sym13040590 [arXiv:2104.01547 [gr-qc]].

(42) Y. S. Myung and D. C. Zou, Phys. Rev. D **104**, no.6, 064015 (2021) doi:10.1103/PhysRevD.104.064015 [arXiv:2103.06449 [gr-qc]].

(43) S. Barton, B. Hartmann, B. Kleihaus and J. Kunz, Phys. Lett. B **817**, 136336 (2021) doi:10.1016/j.physletb.2021.136336 [arXiv:2103.01651 [gr-qc]].

(44) Y. S. Myung and D. C. Zou, Int. J. Mod. Phys. D **30**, no.11, 2150082 (2021) doi:10.1142/S0218271821500826 [arXiv:2103.01389 [gr-qc]].

(45) S. J. Zhang, Eur. Phys. J. C **81**, no.5, 441 (2021) doi:10.1140/epjc/s10052-021-09249-8 [arXiv:2102.10479 [gr-qc]].

(46) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(47) H. O. Silva, H. Witek, M. Elley and N. Yunes, Phys. Rev. Lett. **127**, no.3, 031101 (2021) doi:10.1103/PhysRevLett.127.031101 [arXiv:2012.10436 [gr-qc]].

(48) R. Ibadov, B. Kleihaus, J. Kunz and S. Murodov, Symmetry **13**, no.1, 89 (2021) doi:10.3390/sym13010089 [arXiv:2012.05178 [gr-qc]].

(49) Y. S. Myung and D. C. Zou, Phys. Lett. B **814**, 136081 (2021) doi:10.1016/j.physletb.2021.136081 [arXiv:2012.02375 [gr-qc]].

(50) S. H. Völkel, E. Barausse, N. Franchini and A. E. Broderick, Class. Quant. Grav. **38**, no.21, 21LT01 (2021) doi:10.1088/1361-6382/ac27ed [arXiv:2011.06812 [gr-qc]].

(51) J. L. Blázquez-Salcedo, S. Kahlen and J. Kunz, Symmetry **12**, no.12, 2057 (2020) doi:10.3390/sym12122057 [arXiv:2011.01326 [gr-qc]].

(52) S. J. Zhang, B. Wang, A. Wang and J. F. Saavedra, Phys. Rev. D **102**, no.12, 124056 (2020) doi:10.1103/PhysRevD.102.124056 [arXiv:2010.05092 [gr-qc]].

(53) A. Bakopoulos, doi:10.12681/eadd/48145 [arXiv:2010.13189 [gr-qc]].

(54) C. A. R. Herdeiro, T. Ikeda, M. Minamitsuji, T. Nakamura and E. Radu, Phys. Rev. D **103**, no.4, 044019 (2021) doi:10.1103/PhysRevD.103.044019 [arXiv:2009.06971 [gr-qc]].

(55) C. A. R. Herdeiro, E. Radu, H. O. Silva, T. P. Sotiriou and N. Yunes, Phys. Rev. Lett. **126**, no.1, 011103 (2021) doi:10.1103/PhysRevLett.126.011103 [arXiv:2009.03904 [gr-qc]].

(56) E. Berti, L. G. Collodel, B. Kleihaus and J. Kunz, Phys. Rev. Lett. **126**, no.1, 011104 (2021) doi:10.1103/PhysRevLett.126.011104 [arXiv:2009.03905 [gr-qc]].

(57) S. Hod, Phys. Rev. D **102**, no.8, 084060 (2020) doi:10.1103/PhysRevD.102.084060 [arXiv:2006.09399 [gr-qc]].

A.30. D. Doneva, **S. Yazadjiev**, "No-hair theorems for noncanonical self-gravitating static multiple scalar fields," Phys. Rev. D 102 (2020) 8, 084055

[2008.01965 [gr-qc]]

Забелязани независими цитати:

(1) V. I. Zhdanov, O. S. Stashko and Y. V. Shtanov, [arXiv:2403.16741 [gr-qc]].

(2) O. Schön, doi:10.15496/publikation-90502

(3) K. G. Arun *et al.*, Living Rev. Rel. **25**, no.1, 4 (2022) doi:10.1007/s41114-022-00036-9 [arXiv:2205.01597 [gr-qc]].

(4) O. S. Stashko, V. I. Zhdanov and A. N. Alexandrov, Phys. Rev. D **104**, no.10, 104055 (2021) doi:10.1103/PhysRevD.104.104055 [arXiv:2107.05111 [gr-qc]].

(5) A. Chowdhury, [arXiv:2106.02294 [gr-qc]].

A.31. L. Collodel, D. Doneva, **S. Yazadjiev**,"Rotating tensor-multiscalar black holes with two scalars," Phys. Rev. D 102 (2020) 8, 084032

[2007.14143 [gr-qc]]

Забелязани независими цитати:

(1) O. Schön, doi:10.15496/publikation-90502

(2) K. G. Arun *et al.*, Living Rev. Rel. **25**, no.1, 4 (2022) doi:10.1007/s41114-022-00036-9 [arXiv:2205.01597 [gr-qc]].

(3) J. F. M. Delgado, [arXiv:2204.02419 [gr-qc]].

(4) S. Gimeno Soler, "Magnetized accretion disks around compact objects," PhD thesis, U. Valencia (2022)

(5) S. Gimeno-Soler, J. A. Font, C. Herdeiro and E. Radu, Phys. Rev. D **104**, no.10, 103008 (2021) doi:10.1103/PhysRevD.104.103008 [arXiv:2106.15425 [gr-qc]].

(6) J. F. M. Delgado, C. A. R. Herdeiro and E. Radu, Phys. Rev. D **103**, no.10, 104029 (2021) doi:10.1103/PhysRevD.103.104029 [arXiv:2012.03952 [gr-qc]].

A.32. D. D. Doneva, K. V. Staykov, **S. S. Yazadjiev** and R. Z. Zheleva, "Multiscalar Gauss-Bonnet gravity: Hairy black holes and scalarization," Phys. Rev. D **102**, no. 6, 064042 (2020)

[arXiv:2006.11515 [gr-qc]].

Забелязани независими цитати:

(1) C. Xu, Z. H. Yang, X. M. Kuang and R. H. Yue, Commun. Theor. Phys. **76**, no.1, 015402 (2024) doi:10.1088/1572-9494/ad1326

(2) A. Z. Kaczmarek and D. Szczęśniak, Nucl. Phys. B **1002**, 116534 (2024) doi:10.1016/j.nuclphysb.2024.11653
[arXiv:2311.05960 [gr-qc]].

(3) N. Chatzifotis, P. Dorlis, N. E. Mavromatos and E. Papantonopoulos, Phys. Rev. D **107**, no.8, 084053 (2023) doi:10.1103/PhysRevD.107.084053 [arXiv:2302.03980 [gr-qc]].

(4) S. J. Zhang, B. Wang, E. Papantonopoulos and A. Wang, Eur. Phys. J. C **83**, no.1, 97 (2023) doi:10.1140/epjc/s10052-023-11254-y [arXiv:2209.02268 [gr-qc]].

(5) Q. Li, C. Ma, Y. Zhang, Z. W. Lin and P. F. Duan, Chin. J. Phys. **77**, 1269-1277 (2022) doi:10.1016/j.cjph.2022.03.027 [arXiv:2307.04141 [gr-qc]].

(6) C. Erices, S. Riquelme and N. Zalaquett, Phys. Rev. D **106**, no.4, 044046 (2022) doi:10.1103/PhysRevD.106.
[arXiv:2203.06030 [gr-qc]].

(7) N. Chatzifotis, P. Dorlis, N. E. Mavromatos and E. Papantonopoulos, Phys. Rev. D **105**, no.8, 084051 (2022) doi:10.1103/PhysRevD.105.084051 [arXiv:2202.03496 [gr-qc]].

(8) F. L. Julié, H. O. Silva, E. Berti and N. Yunes, Phys. Rev. D **105**, no.12, 124031 (2022) doi:10.1103/PhysRevD.105.124031 [arXiv:2202.01329 [gr-qc]].

(9) S. Kiorpelidi, G. Koutsoumbas, A. Machattou and E. Papantonopoulos, Phys. Rev. D **105**, no.10, 104039 (2022) doi:10.1103/PhysRevD.105.104039 [arXiv:2202.00655 [gr-qc]].

(10) Z. H. Yang, G. Fu, X. M. Kuang and J. P. Wu, Eur. Phys. J. C **82**, no.10, 868 (2022) doi:10.1140/epjc/s10052-022-10834-8 [arXiv:2112.15052 [gr-qc]].

(11) B. H. Lee, H. Lee and W. Lee, [arXiv:2111.13380 [gr-qc]].

(12) C. Herdeiro, E. Radu and D. H. Tchrakian, Symmetry **13**, no.4, 590 (2021) doi:10.3390/sym13040590 [arXiv:2104.01547 [gr-qc]].

(13) H. Guo, X. M. Kuang, E. Papantonopoulos and B. Wang, Eur. Phys. J. C **81**, no.9, 842 (2021) doi:10.1140/epjc/s10052-021-09630-7 [arXiv:2012.11844 [gr-qc]].

(14) P. Cañate and S. E. Perez Bergliaffa, Phys. Rev. D **102**, no.10, 104038 (2020) doi:10.1103/PhysRevD.102.104 [arXiv:2010.04858 [gr-qc]].

(15) A. Bakopoulos, doi:10.12681/eadd/48145 [arXiv:2010.13189 [gr-qc]].

(16) C. A. R. Herdeiro, T. Ikeda, M. Minamitsuji, T. Nakamura and E. Radu, Phys. Rev. D **103**, no.4, 044019 (2021) doi:10.1103/PhysRevD.103.044019 [arXiv:2009.06971 [gr-qc]].

A.33. J. L. Bl?zquez-Salcedo, D. D. Doneva, S. Kahlen, J. Kunz, P. Nedkova and **S. S. Yazadjiev**, "Polar quasinormal modes of the scalarized Einstein-Gauss-Bonnet black holes," Phys. Rev. D **102**, no. 2, 024086 (2020)

[arXiv:2006.06006 [gr-qc]].

Забелязани независими цитати:

(1) G. Antoniou, "Quasinormal modes of hairy black holes in shift-symmetric theories,"[arXiv:2406.01508 [gr-qc]]

(2) X. Y. Chew and Y. S. Myung, [arXiv:2405.04921 [gr-qc]].

(3) S. Hirano, M. Kimura and M. Yamaguchi, [arXiv:2404.07039 [gr-qc]].

(4) G. Antoniou, C. F. B. Macedo, A. Maselli and T. P. Sotiriou, [arXiv:2404.02479 [gr-qc]].

(5) A. Dubinsky and A. Zinhailo, [arXiv:2404.01834 [gr-qc]].

(6) K. Jafarzade, B. Eslam Panah and M. E. Rodrigues, Class. Quant. Grav. **41**, no.6, 065007 (2024) doi:10.1088/1361-6382/ad242e [arXiv:2402.08704 [gr-qc]].

(7) A. K. Mishra, G. Carullo and S. Chakraborty, Phys. Rev. D **109**, no.2, 024025 (2024) doi:10.1103/PhysRevD.109.024025 [arXiv:2311.03556 [gr-qc]].

(8) S. Capozziello and G. G. L. Nashed, Class. Quant. Grav. **40**, no.20, 205023 (2023) doi:10.1088/1361-6382/acfa5c [arXiv:2309.08894 [gr-qc]].

(9) M. Elley, "Simulating Scalar Fields in Astrophysical and Cosmological Settings," PhD thesis, King's College London (2023)

(10) K. Destounis and F. Duque, [arXiv:2308.16227 [gr-qc]].

(11) Q. Chen, Z. Ning, Y. Tian, B. Wang and C. Y. Zhang, Phys. Rev. D **108**, no.8, 084016 (2023) doi:10.1103/PhysRevD.108.084016 [arXiv:2307.03060 [gr-qc]].

(12) L. Pierini, "Quasinormal modes of black holes in Einstein-dilaton Gauss-Bonnet gravity," PhD thesis, Rome U. (2023)

(13) N. Franchini and S. H. Völkel, [arXiv:2305.01696 [gr-qc]].

(14) M. Y. Lai, D. C. Zou, R. H. Yue and Y. S. Myung, Phys. Rev. D **108**, no.8, 084007 (2023) doi:10.1103/PhysRevD.108.084007 [arXiv:2304.08012 [gr-qc]].

(15) V. Gennari, G. Carullo and W. Del Pozzo, Eur. Phys. J. C **84**, no.3, 233 (2024) doi:10.1140/epjc/s10052-024-12550-x [arXiv:2312.12515 [gr-qc]].

(16) R. Ghosh, N. Franchini, S. H. Völkel and E. Barausse, Phys. Rev. D **108**, no.2, 024038 (2023) doi:10.1103/PhysRevD.108.024038 [arXiv:2303.00088 [gr-qc]].

(17) D. C. Zou, B. Meng, M. Zhang, S. Y. Li, M. Y. Lai and Y. S. Myung, Universe **9**, 26 (2023) doi:10.3390/universe9010026 [arXiv:2301.04784 [gr-qc]].

(18) S. H. Völkel, N. Franchini, E. Barausse and E. Berti, Phys. Rev. D **106**, no.12, 124036 (2022) doi:10.1103/PhysRevD.106.124036 [arXiv:2209.10564 [gr-qc]].

(19) L. Pierini and L. Gualtieri, Phys. Rev. D **106**, no.10, 104009 (2022) doi:10.1103/PhysRevD.106.104009 [arXiv:2207.11267 [gr-qc]].

(20) S. D. Odintsov, D. Saez-Chillon Gomez and G. S. Sharov, Phys. Dark Univ. **37**, 101100 (2022) doi:10.1016/j.dark.2022.101100 [arXiv:2207.08513 [gr-qc]].

(21) M. Elley, H. O. Silva, H. Witek and N. Yunes, Phys. Rev. D **106**, no.4, 044018 (2022) doi:10.1103/PhysRevD.106.044018 [arXiv:2205.06240 [gr-qc]].

(22) M. Minamitsuji, K. Takahashi and S. Tsujikawa, Phys. Rev. D **106**, no.4, 044003 (2022) doi:10.1103/PhysRevD.106.044003 [arXiv:2204.13837 [gr-qc]].

(23) F. L. Julié, H. O. Silva, E. Berti and N. Yunes, Phys. Rev. D **105**, no.12, 124031 (2022) doi:10.1103/PhysRevD.105.124031 [arXiv:2202.01329 [gr-qc]].

(24) C. Y. Zhang, P. Liu, Y. Liu, C. Niu and B. Wang, Phys. Rev. D **105**, no.2, 024073 (2022) doi:10.1103/PhysRevD.105.024073 [arXiv:2111.10744 [gr-qc]].

(25) A. Bryant, H. O. Silva, K. Yagi and K. Glampedakis, Phys. Rev. D **104**, no.4, 044051 (2021) doi:10.1103/PhysRevD.104.044051 [arXiv:2106.09657 [gr-qc]].

(26) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(27) A. Ghosh, R. Brito and A. Buonanno, Phys. Rev. D **103**, no.12, 124041 (2021) doi:10.1103/PhysRevD.103.12 [arXiv:2104.01906 [gr-qc]].

(28) C. Herdeiro, E. Radu and D. H. Tchrakian, Symmetry **13**, no.4, 590 (2021) doi:10.3390/sym13040590 [arXiv:2104.01547 [gr-qc]].

(29) D. Langlois, K. Noui and H. Roussille, Phys. Rev. D **104**, no.12, 124044 (2021) doi:10.1103/PhysRevD.104.12 [arXiv:2103.14750 [gr-qc]].

(30) L. Pierini and L. Gualtieri, Phys. Rev. D **103**, 124017 (2021) doi:10.1103/PhysRevD.103.124017 [arXiv:2103.09870 [gr-qc]].

(31) Y. X. Gao and Y. Xie, Phys. Rev. D **103**, no.4, 043008 (2021) doi:10.1103/PhysRevD.103.043008

(32) P. Cañate and S. E. Perez Bergliaffa, Phys. Rev. D **102**, no.10, 104038 (2020) doi:10.1103/PhysRevD.102.104 [arXiv:2010.04858 [gr-qc]].

(33) A. Bakopoulos, doi:10.12681/eadd/48145 [arXiv:2010.13189 [gr-qc]].

(34) C. A. R. Herdeiro, T. Ikeda, M. Minamitsuji, T. Nakamura and E. Radu, Phys. Rev. D **103**, no.4, 044019 (2021) doi:10.1103/PhysRevD.103.044019 [arXiv:2009.06971 [gr-qc]].

D. Astefanesei, J. Luis Blázquez-Salcedo, F. Gómez and R. Rojas,

(35) B. Eslam Panah, K. Jafarzade and S. H. Hendi, Nucl. Phys. B **961**, 115269 (2020) doi:10.1016/j.nuclphysb.2020.115269 [arXiv:2004.04058 [hep-th]].

A.34. D. D. Doneva, **S. S. Yazadjiev** and K. D. Kokkotas, "Stability of topological neutron stars," Phys. Rev. D **102**, no. 4, 044043 (2020)

[arXiv:2005.02750 [gr-qc]].

Забелязани независими цитати:

(1) O. Schön,"On Tensor Multi-Scalar Theories in a Post-Newtonian Setting," doi:10.15496/publikation-90502

(2) H. J. Kuan, "Tidal Effects in Pre-merger Neutron Stars and Dynamics of Scalarized Compact Objects," doi:10.15496/publikation-76851

(3) K. V. Staykov and R. Z. Zheleva, Eur. Phys. J. C **82**, no.2, 108 (2022) doi:10.1140/epjc/s10052-022-10046-0 [arXiv:2109.09399 [gr-qc]].

(4) H. Boumaza, Phys. Rev. D **104**, no.8, 084098 (2021) doi:10.1103/PhysRevD.104.084098 [arXiv:2107.09837 [gr-qc]].

(5) H. Boumaza, Eur. Phys. J. C **81**, no.5, 448 (2021) doi:10.1140/epjc/s10052-021-09222-5

(6) J. M. Z. Pretel, S. E. Jorás, R. R. R. Reis and J. D. V. Arbañil, JCAP **04**, 064 (2021) doi:10.1088/1475-7516/2021/04/064 [arXiv:2012.03342 [gr-qc]].

(7) R. Kase, R. Kimura, S. Sato and S. Tsujikawa, Phys. Rev. D **102**, no.8, 084037 (2020) doi:10.1103/PhysRevD.102.084037 [arXiv:2007.09864 [gr-qc]].

(8) B. F. de Aguiar and R. F. P. Mendes, Phys. Rev. D **102**, no.2, 024064 (2020) doi:10.1103/PhysRevD.102.024
[arXiv:2006.10080 [gr-qc]].

(9) J. L. Blázquez-Salcedo, F. Scen Khoo and J. Kunz, EPL **130**, no.5, 50002 (2020) doi:10.1209/0295-5075/130/50002 [arXiv:2001.09117 [gr-qc]].

A.35. D. D. Doneva and **S. S. Yazadjiev**, "Nontopological spontaneously scalarized neutron stars in tensor-multiscalar theories of gravity," Phys. Rev. D **101**, no. 10, 104010 (2020)

[arXiv:2004.03956 [gr-qc]].

Забелязани независими цитати:

(1) F. Rahimi and Z. Rezaei, [arXiv:2401.13557 [astro-ph.HE]].

(2) O. Schön,"On Tensor Multi-Scalar Theories in a Post-Newtonian Setting," doi:10.15496/publikation-90502

(3) F. Rahimi and Z. Rezaei, Eur. Phys. J. C **83**, no.4, 289 (2023) doi:10.1140/epjc/s10052-023-11443-9 [arXiv:2303.16630 [astro-ph.HE]].

(4) H. J. Kuan, "Tidal Effects in Pre-merger Neutron Stars and Dynamics of Scalarized Compact Objects," doi:10.15496/publikation-76851

(5) P. E. Kashargin and S. V. Sushkov, JCAP **01**, 005 (2023) doi:10.1088/1475-7516/2023/01/005 [arXiv:2205.08949 [gr-qc]].

(6) K. V. Staykov and R. Z. Zheleva, Eur. Phys. J. C **82**, no.2, 108 (2022) doi:10.1140/epjc/s10052-022-10046-0 [arXiv:2109.09399 [gr-qc]].

(7) R. Kase, R. Kimura, S. Sato and S. Tsujikawa, Phys. Rev. D **102**, no.8, 084037 (2020) doi:10.1103/PhysRevD.102.084037 [arXiv:2007.09864 [gr-qc]].

(8) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0
[arXiv:1912.05202 [gr-qc]].

A.36. D. D. Doneva and **S. S. Yazadjiev**, "Relativistic stars in 4D Einstein-Gauss-Bonnet gravity," JCAP **05**, 024 (2021)

arXiv:2003.10284 [gr-qc].

Забелязани независими цитати:

(1) J. M. Z. Pretel and C. E. Mota, Gen. Rel. Grav. **56**, no.4, 43 (2024) doi:10.1007/s10714-024-03225-9 [arXiv:2403.02440 [gr-qc]].

(2) G. H. Bordbar, M. Mazhari and A. Poostforush, Eur. Phys. J. Plus **139**, no.2, 167 (2024) doi:10.1140/epjp/s13360-024-04959-w [arXiv:2402.14038 [gr-qc]].

(3) Z. Yousaf, A. Adeel, S. Khan and M. Z. Bhatti, Chin. J. Phys. **88**, 406-424 (2024) doi:10.1016/j.cjph.2023.11.027

(4) S. H. Mazharimousavi, Annals Phys. **459**, 169491 (2023) doi:10.1016/j.aop.2023.169491

(5) S. Capozziello and G. G. L. Nashed, Class. Quant. Grav. **40**, no.20, 205023 (2023) doi:10.1088/1361-6382/acfa5c [arXiv:2309.08894 [gr-qc]].

(6) B. Biswas, E. Smyrniotis, I. Liodis and N. Stergioulas, Phys. Rev. D **109**, no.6, 064048 (2024) doi:10.1103/PhysRevD.109.064048 [arXiv:2309.05420 [gr-qc]].

(7) M. Gammon, S. Rourke and R. B. Mann, Phys. Rev. D **109**, no.2, 024026 (2024) doi:10.1103/PhysRevD.109.024026 [arXiv:2309.00703 [gr-qc]].

(8) Z. Yousaf, M. Z. Bhatti, H. Aman and A. Malik, Int. J. Theor. Phys. **62**, no.7, 155 (2023) doi:10.1007/s10773-023-05409-6

(9) Shweta, U. K. Sharma and A. K. Mishra, Int. J. Geom. Meth. Mod. Phys. **20**, no.08, 2350140 (2023) doi:10.1142/S0219887823501402

(10) M. Bousder and Z. Sakhi, [arXiv:2304.00322 [gr-qc]].

(11) A. Kumar and S. G. Ghosh, Nucl. Phys. B **987**, 116089 (2023) doi:10.1016/j.nuclphysb.2023.116089 [arXiv:2302.02133 [gr-qc]].

(12) P. Da Silva Fernandes, "Gauss-Bonnet Theories of Gravity in Four Dimensions,"PhD thesis, Queen Mary, U. of London (2023)

(13) S. K. Maurya, K. N. Singh, M. Govender and S. Ray, Mon. Not. Roy. Astron. Soc. **519**, no.3, 4303-4324 (2022) doi:10.1093/mnras/stac3611

(14) K. Newton Singh, S. K. Maurya, P. Bhar and R. Nag, Eur. Phys. J. C **82**, no.9, 822 (2022) doi:10.1140/epjc/s10052-022-10766-3 [arXiv:2209.09091 [gr-qc]].

(15) G. G. L. Nashed and S. Nojiri, Phys. Rev. D **106**, no.4, 044024 (2022) doi:10.1103/PhysRevD.106.044024 [arXiv:2207.13915 [gr-qc]].

(16) D. Theofilopoulos, doi:10.12681/eadd/53197 [arXiv:2207.12250 [hep-th]].

(17) M. Minamitsuji and S. Tsujikawa, Phys. Rev. D **106**, no.6, 064008 (2022) doi:10.1103/PhysRevD.106.064008 [arXiv:2207.04461 [gr-qc]].

(18) K. Jusufi, Chin. Phys. C **47**, no.3, 035108 (2023) doi:10.1088/1674-1137/acaaf4 [arXiv:2206.01189 [gr-qc]].

(19) S. Vagnozzi, R. Roy, Y. D. Tsai, L. Visinelli, M. Afrin, A. Allahyari, P. Bambhaniya, D. Dey, S. G. Ghosh and P. S. Joshi, *et al.* Class. Quant. Grav. **40**, no.16, 165007 (2023) doi:10.1088/1361-6382/acd97b [arXiv:2205.07787 [gr-qc]].

(20) S. C. Jaryal and A. Chatterjee, Phys. Dark Univ. **39**, 101171 (2023) doi:10.1016/j.dark.2023.101171 [arXiv:2204.13358 [gr-qc]].

(21) R. Ahmed, G. Abbas and S. Arshad, Int. J. Geom. Meth. Mod. Phys. **19**, no.07, 2250109 (2022) doi:10.1142/S0219887822501092

(22) M. Bousder, [arXiv:2203.11689 [physics.gen-ph]].

(23) C. Corianò, M. M. Maglio and D. Theofilopoulos, Eur. Phys. J. C **82**, no.12, 1121 (2022) doi:10.1140/epjc/s10052-022-11024-2 [arXiv:2203.04213 [hep-th]].

(24) A. Chowdhury, S. Devi and S. Chakrabarti, Phys. Rev. D **106**, no.2, 024023 (2022) doi:10.1103/PhysRevD.106.024023 [arXiv:2202.13698 [gr-qc]].

(25) P. G. S. Fernandes, P. Carrilho, T. Clifton and D. J. Mulryne, Class. Quant. Grav. **39**, no.6, 063001 (2022) doi:10.1088/1361-6382/ac500a [arXiv:2202.13908 [gr-qc]].

(26) A. Ali and K. Saifullah, Annals Phys. **437**, 168726 (2022) doi:10.1016/j.aop.2021.168726

(27) C. Corianò and M. M. Maglio, Phys. Lett. B **828**, 137020 (2022) doi:10.1016/j.physletb.2022.137020 [arXiv:2201.07515 [hep-th]].

(28) J. C. Jiménez, J. M. Z. Pretel, E. S. Fraga, S. E. Jorás and R. R. R. Reis, JCAP **07**, no.07, 017 (2022) doi:10.1088/1475-7516/2022/07/017 [arXiv:2112.09950 [gr-qc]].

(29) A. Banerjee, S. Hansraj and L. Moodly, Eur. Phys. J. C **81**, no.9, 790 (2021) doi:10.1140/epjc/s10052-021-09585-9

(30) S. K. Maurya, K. N. Singh, M. Govender and S. Hansraj, Astrophys. J. **925**, no.2, 208 (2022) doi:10.3847/1538-4357/ac4255 [arXiv:2109.00358 [gr-qc]].

(31) J. M. Z. Pretel, A. Banerjee and A. Pradhan, Eur. Phys. J. C **82**, no.2, 180 (2022) doi:10.1140/epjc/s10052-022-10123-4 [arXiv:2108.07454 [gr-qc]].

(32) P. G. S. Fernandes, P. Carrilho, T. Clifton and D. J. Mulryne, Phys. Rev. D **104**, no.4, 044029 (2021) doi:10.1103/PhysRevD.104.044029 [arXiv:2107.00046 [gr-qc]].

(33) B. Ghosh and S. Mitra, Int. J. Mod. Phys. A **36**, no.18, 2150119 (2021) doi:10.1142/S0217751X21501190 [arXiv:2108.12670 [gr-qc]].

(34) A. K. Mishra, Shweta and U. K. Sharma, Pramana **96**, no.4, 218 (2022) doi:10.1007/s12043-022-02458-0 [arXiv:2106.04369 [gr-qc]].

(35) M. Heydari-Fard, M. Heydari-Fard and H. R. Sepangi, Eur. Phys. J. C **81**, no.5, 473 (2021) doi:10.1140/epjc/s10052-021-09266-7 [arXiv:2105.09192 [gr-qc]].

(36) D. Ghorai and S. Gangopadhyay, Phys. Lett. B **822**, 136699 (2021) doi:10.1016/j.physletb.2021.136699 [arXiv:2105.09423 [hep-th]].

(37) S. Shahidi and N. Khosravi, Eur. Phys. J. C **82**, no.3, 269 (2022) doi:10.1140/epjc/s10052-022-10170-x [arXiv:2105.02372 [gr-qc]].

(38) J. Li, S. Chen and J. Jing, Eur. Phys. J. C **81**, no.7, 590 (2021) doi:10.1140/epjc/s10052-021-09400-5 [arXiv:2105.01267 [gr-qc]].

(39) Y. Liu and X. Zhang, Chin. Phys. C **45**, no.5, 055102 (2021) doi:10.1088/1674-1137/abe36a

(40) P. Liu, C. Niu and C. Y. Zhang, Chin. Phys. C **45**, no.2, 025111 (2021) doi:10.1088/1674-1137/abd01d

(41) D. Easson, T. Manton, M. Parikh and A. Svesko, JCAP **05**, 031 (2021) doi:10.1088/1475-7516/2021/05/031 [arXiv:2012.12277 [hep-th]].

(42) H. C. D. Lima, C. L. Benone and L. C. B. Crispino, Phys. Lett. B **811**, 135921 (2020) doi:10.1016/j.physletb.2020.135921 [arXiv:2011.13446 [gr-qc]].

(43) S. Hansraj, A. Banerjee, L. Moodly and M. K. Jasim, Class. Quant. Grav. **38**, no.3, 035002 (2021) doi:10.1088/1361-6382/abcb0d [arXiv:2011.08701 [gr-qc]].

(44) E.-D. Smyrniotis, "Neutron star models in 4D Gauss-Bonnet gravity constructed with an iterative numerical method," thesis, Aristotle University of Thessaloniki (2021)

(45) K. Jafarzade, M. Kord Zangeneh and F. S. N. Lobo, Universe **8**, no.3, 182 (2022) doi:10.3390/universe8030182 [arXiv:2009.12988 [gr-qc]].

(46) M. Hohmann, C. Pfeifer and N. Voicu, Eur. Phys. J. Plus **136**, no.2, 180 (2021) doi:10.1140/epjp/s13360-021-01153-0 [arXiv:2009.05459 [gr-qc]].

(47) C. Gao, S. Yu and J. Qiu, Phys. Dark Univ. **31**, 100754 (2021) doi:10.1016/j.dark.2020.100754 [arXiv:2008.12594 [gr-qc]].

(48) Y. Y. Wang, B. Y. Su and N. Li, Phys. Dark Univ. **31**, 100769 (2021) doi:10.1016/j.dark.2020.100769 [arXiv:2008.01985 [gr-qc]].

(49) J. X. Feng, B. M. Gu and F. W. Shu, Phys. Rev. D **103**, 064002 (2021) doi:10.1103/PhysRevD.103.064002 [arXiv:2006.16751 [gr-qc]].

(50) C. Gao, S. Yu and J. Qiu, [arXiv:2006.15586 [gr-qc]].

(51) T. Clifton, P. Carrilho, P. G. S. Fernandes and D. J. Mulryne, Phys. Rev. D **102**, no.8, 084005 (2020) doi:10.1103/PhysRevD.102.084005 [arXiv:2006.15017 [gr-qc]].

(52) Z. Haghani, Phys. Dark Univ. **30**, 100720 (2020) doi:10.1016/j.dark.2020.100720 [arXiv:2005.01636 [gr-qc]].

(53) A. Banerjee, T. Tangphati and P. Channuie, Astrophys. J. **909**, no.1, 14 (2021) doi:10.3847/1538-4357/abd094 [arXiv:2006.00479 [gr-qc]].

(54) D. A. Easson, T. Manton and A. Svesko, JCAP **10**, 026 (2020) doi:10.1088/1475-7516/2020/10/026 [arXiv:2005.12292 [hep-th]].

(55) G. Narain and H. Q. Zhang, [arXiv:2005.05183 [gr-qc]].

(56) A. Banerjee and K. N. Singh, Phys. Dark Univ. **31**, 100792 (2021) doi:10.1016/j.dark.2021.100792 [arXiv:2005.04028 [gr-qc]].

(57) D. Samart and P. Channuie, Annalen Phys. **534**, no.4, 2100308 (2022) doi:10.1002/andp.202100308 [arXiv:2005.02826 [gr-qc]].

(58) P. Liu, C. Niu and C. Y. Zhang, Chin. Phys. C **45**, no.2, 025111 (2021) [arXiv:2005.01507 [gr-qc]].

(59) X. Qiao, L. OuYang, D. Wang, Q. Pan and J. Jing, JHEP **12**, 192 (2020) doi:10.1007/JHEP12(2020)192 [arXiv:2005.01007 [hep-th]].

(60) L. Ma and H. Lu, Eur. Phys. J. C **80**, no.12, 1209 (2020) doi:10.1140/epjc/s10052-020-08780-4 [arXiv:2004.14738 [gr-qc]].

(61) S. Devi, R. Roy and S. Chakrabarti, Eur. Phys. J. C **80**, no.8, 760 (2020) doi:10.1140/epjc/s10052-020-8311-1 [arXiv:2004.14935 [gr-qc]].

(62) K. Jusufi, Annals Phys. **421**, 168285 (2020) doi:10.1016/j.aop.2020.168285 [arXiv:2005.00360 [gr-qc]].

(63) H. Lu and P. Mao, Chin. Phys. C **45**, no.1, 013110 (2021) doi:10.1088/1674-1137/abc23f [arXiv:2004.14400 [hep-th]].

(64) K. Yang, B. M. Gu, S. W. Wei and Y. X. Liu, Eur. Phys. J. C **80**, no.7, 662 (2020) doi:10.1140/epjc/s10052-020-8246-6 [arXiv:2004.14468 [gr-qc]].

(65) S. G. Ghosh and S. D. Maharaj, Phys. Dark Univ. **31**, 100793 (2021) doi:10.1016/j.dark.2021.100793 [arXiv:2004.13519 [gr-qc]].

(66) R. A. Hennigar, D. Kubiznak, R. B. Mann and C. Pollack, Phys. Lett. B **808**, 135657 (2020) doi:10.1016/j.physletb.2020.135657 [arXiv:2004.12995 [gr-qc]].

(67) K. Jusufi, A. Banerjee and S. G. Ghosh, Eur. Phys. J. C **80**, no.8, 698 (2020) doi:10.1140/epjc/s10052-020-8287-x [arXiv:2004.10750 [gr-qc]].

(68) X. H. Ge and S. J. Sin, Eur. Phys. J. C **80**, no.8, 695 (2020) doi:10.1140/epjc/s10052-020-8288-9 [arXiv:2004.12191 [hep-th]].

(69) M. S. Churilova, Annals Phys. **427**, 168425 (2021) doi:10.1016/j.aop.2021.168425 [arXiv:2004.14172 [gr-qc]].

(70) P. Liu, C. Niu and C. Y. Zhang, Chin. Phys. C **45**, no.2, 025104 (2021) doi:10.1088/1674-1137/abcd2d [arXiv:2004.10620 [gr-qc]].

(71) R. A. Hennigar, D. Kubizňák, R. B. Mann and C. Pollack, JHEP **07**, 027 (2020) doi:10.1007/JHEP07(2020)02 [arXiv:2004.09472 [gr-qc]].

(72) P. G. S. Fernandes, P. Carrilho, T. Clifton and D. J. Mulryne, Phys. Rev. D **102**, no.2, 024025 (2020) doi:10.1103/PhysRevD.102.024025 [arXiv:2004.08362 [gr-qc]].

(73) S. J. Yang, J. J. Wan, J. Chen, J. Yang and Y. Q. Wang, Eur. Phys. J. C **80**, no.10, 937 (2020) doi:10.1140/epjc/s10052-020-08511-9 [arXiv:2004.07934 [gr-qc]].

(74) B. Eslam Panah, K. Jafarzade and S. H. Hendi, Nucl. Phys. B **961**, 115269 (2020) doi:10.1016/j.nuclphysb.2020.115269 [arXiv:2004.04058 [hep-th]].

(75) C. Liu, T. Zhu and Q. Wu, Chin. Phys. C **45**, no.1, 015105 (2021) doi:10.1088/1674-1137/abc16c [arXiv:2004.01662 [gr-qc]].

(76) C. Y. Zhang, S. J. Zhang, P. C. Li and M. Guo, JHEP **08**, 105 (2020) doi:10.1007/JHEP08(2020)105 [arXiv:2004.03141 [gr-qc]].

(77) W. Y. Ai, Commun. Theor. Phys. **72**, no.9, 095402 (2020) doi:10.1088/1572-9494/aba242 [arXiv:2004.02858 [gr-qc]].

(78) R. A. Konoplya and A. F. Zinhailo, Phys. Lett. B **810**, 135793 (2020) doi:10.1016/j.physletb.2020.135793 [arXiv:2004.02248 [gr-qc]].

(79) X. H. Jin, Y. X. Gao and D. J. Liu, Int. J. Mod. Phys. D **29**, no.09, 2050065 (2020) doi:10.1142/S0218271820500650 [arXiv:2004.02261 [gr-qc]].

(80) M. Heydari-Fard, M. Heydari-Fard and H. Reza Sepangi, EPL **133**, no.5, 50006 (2021) doi:10.1209/0295-5075/133/50006 [arXiv:2004.02140 [gr-qc]].

(81) S. L. Li, P. Wu and H. Yu, [arXiv:2004.02080 [gr-qc]].

(82) S. U. Islam, R. Kumar and S. G. Ghosh, JCAP **09**, 030 (2020) doi:10.1088/1475-7516/2020/09/030 [arXiv:2004.01038 [gr-qc]].

(83) M. S. Churilova, Phys. Dark Univ. **31**, 100748 (2021) doi:10.1016/j.dark.2020.100748 [arXiv:2004.00513 [gr-qc]].

(84) D. V. Singh, S. G. Ghosh and S. D. Maharaj, Phys. Dark Univ. **30**, 100730 (2020) doi:10.1016/j.dark.2020.100730 [arXiv:2003.14136 [gr-qc]].

(85) S. W. Wei and Y. X. Liu, Phys. Rev. D **101**, no.10, 104018 (2020) doi:10.1103/PhysRevD.101.104018 [arXiv:2003.14275 [gr-qc]].

(86) C. Y. Zhang, P. C. Li and M. Guo, Eur. Phys. J. C **80**, no.9, 874 (2020) doi:10.1140/epjc/s10052-020-08448-z [arXiv:2003.13068 [hep-th]].

(87) A. Kumar, R. K. Walia and S. G. Ghosh, Universe **8**, no.4, 232 (2022) doi:10.3390/universe8040232 [arXiv:2003.13104 [gr-qc]].

(88) R. Kumar and S. G. Ghosh, JCAP **07**, 053 (2020) doi:10.1088/1475-7516/2020/07/053 [arXiv:2003.08927 [gr-qc]].

(89) T. Kobayashi, JCAP **07**, 013 (2020) doi:10.1088/1475-7516/2020/07/013 [arXiv:2003.12771 [gr-qc]].

(90) S. G. Ghosh and R. Kumar, Class. Quant. Grav. **37**, no.24, 245008 (2020) doi:10.1088/1361-6382/abc134 [arXiv:2003.12291 [gr-qc]].

(91) R. A. Konoplya and A. Zhidenko, Phys. Rev. D **102**, no.6, 064004 (2020) doi:10.1103/PhysRevD.102.064004 [arXiv:2003.12171 [gr-qc]].

(92) H. Lu and Y. Pang, Phys. Lett. B **809**, 135717 (2020) doi:10.1016/j.physletb.2020.135717 [arXiv:2003.11552 [gr-qc]].

A.37. G. Gyulchev, J. Kunz, P. Nedkova, T. Vetsov, **S. Yazadjiev**, "Observational signatures of strongly naked singularities: image of the thin accretion disk, " Eur. Phys. J.C 80 (2020) 11, 1017

[2003.06943 [gr-qc]]

Забелязани независими цитати:

(1) B. P. Brassel, Gen. Rel. Grav. **56**, no.4, 49 (2024) doi:10.1007/s10714-024-03232-w

(2) C. Y. Chen and Y. Yokokura, [arXiv:2403.09388 [gr-qc]].

(3) K. S. Virbhadra, [arXiv:2402.17190 [gr-qc]].

(4) J. Huang, Z. Zhang, M. Guo and B. Chen, [arXiv:2402.16293 [gr-qc]].

(5) O. Stashko, Spherically-symmetric naked singularities with minimally-coupled scalar fields; effects of self-interaction and quasi-normal modes, PhD thesis, Johann Wolfgang Goethe-Universitat (2024) doi:10.21248/gups.81695

(6) R. Carballo-Rubio, H. Delaporte, A. Eichhorn and A. Held, [arXiv:2312.11351 [gr-qc]].

(7) D. Ayzenberg, L. Blackburn, R. Brito, S. Britzen, A. Broderick, R. Carballo-Rubio, V. Cardoso, A. Chael, K. Chatterjee and Y. Chen, *et al.* [arXiv:2312.02130 [astro-ph.HE]].

(8) S. Guo, Y. X. Huang, Y. H. Cui, Y. Han, Q. Q. Jiang, E. W. Liang and K. Lin, Eur. Phys. J. C **83**, no.11, 1059 (2023) doi:10.1140/epjc/s10052-023-12208-0 [arXiv:2310.20523 [gr-qc]].

(9) B. Turimov and B. Ahmedov, Symmetry **15**, no.10, 1858 (2023) doi:10.3390/sym15101858

(10) S. Saurabh, P. Bambhaniya and P. S. Joshi, Astron. Astrophys. **682**, A113 (2024) doi:10.1051/0004-6361/202347941 [arXiv:2308.14519 [astro-ph.HE]].

(11) G. D. Prada-Méndez, F. D. Lora-Clavijo and J. M. Velásquez-Cadavid, Class. Quant. Grav. **40**, no.19, 195011 (2023) doi:10.1088/1361-6382/acf17e [arXiv:2308.09174 [gr-qc]].

(12) Z. L. Wang, Eur. Phys. J. Plus **138**, no.12, 1131 (2023) doi:10.1140/epjp/s13360-023-04756-x [arXiv:2307.12361 [gr-qc]].

(13) S. Hu, C. Deng, S. Guo, X. Wu and E. Liang, Eur. Phys. J. C **83**, no.3, 264 (2023) doi:10.1140/epjc/s10052-023-11411-3

(14) H. Huang, J. Kunz, J. Yang and C. Zhang, Phys. Rev. D **107**, no.10, 104060 (2023) doi:10.1103/PhysRevD.107.104060 [arXiv:2303.11885 [gr-qc]].

(15) K. Mosani, [arXiv:2211.06604 [gr-qc]].

(16) B. P. Brassel, R. Goswami and S. D. Maharaj, Annals Phys. **446**, 169138 (2022) doi:10.1016/j.aop.2022.16913

(17) O. S. Stashko and V. I. Zhdanov, Phys. Rev. D **106**, no.10, 104049 (2022) doi:10.1103/PhysRevD.106.104049 [arXiv:2209.00160 [gr-qc]].

(18) S. Ray, A. Panda, B. Majumder, M. R. Islam and G. Manna, Chin. Phys. C **46**, no.12, 125103 (2022) doi:10.1088/1674-1137/ac8868 [arXiv:2208.05778 [gr-qc]].

(19) T. Y. He, Z. Cai and R. J. Yang, Eur. Phys. J. C **82**, no.11, 1067 (2022) doi:10.1140/epjc/s10052-022-11037-x [arXiv:2208.03723 [gr-qc]].

(20) M. Fathi, M. Olivares and J. R. Villanueva, Eur. Phys. J. Plus **138**, no.1, 7 (2023) doi:10.1140/epjp/s13360-022-03538-1 [arXiv:2207.04076 [gr-qc]].

(21) A. Eichhorn, R. Gold and A. Held, Astrophys. J. **950**, no.2, 117 (2023) doi:10.3847/1538-4357/accced [arXiv:2205.14883 [astro-ph.HE]].

(22) M. Guerrero, G. J. Olmo, D. Rubiera-Garcia and D. Sáez-Chillón Gómez, Phys. Rev. D **106**, no.4, 044070 (2022) doi:10.1103/PhysRevD.106.044070 [arXiv:2205.12147 [gr-qc]].

(23) S. Vagnozzi, R. Roy, Y. D. Tsai, L. Visinelli, M. Afrin, A. Allahyari, P. Bambhaniya, D. Dey, S. G. Ghosh and P. S. Joshi, *et al.* Class. Quant. Grav. **40**, no.16, 165007 (2023) doi:10.1088/1361-6382/acd97b [arXiv:2205.07787 [gr-qc]].

(24) B. P. Brassel, S. D. Maharaj and R. Goswami, Eur. Phys. J. C **82**, no.4, 359 (2022) doi:10.1140/epjc/s10052-022-10334-9

(25) G. Sen, D. Maity and S. Das, JCAP **08**, no.08, 048 (2022) doi:10.1088/1475-7516/2022/08/048 [arXiv:2204.02110 [astro-ph.HE]].

(26) K. S. Virbhadra, Phys. Rev. D **106**, no.6, 064038 (2022) doi:10.1103/PhysRevD.106.064038 [arXiv:2204.01879 [gr-qc]].

(27) G. P. Li and K. J. He, Eur. Phys. J. C **81**, no.11, 1018 (2021) doi:10.1140/epjc/s10052-021-09817-y

(28) P. Bambhaniya, S. K, K. Jusufi and P. S. Joshi, Phys. Rev. D **105**, no.2, 023021 (2022) doi:10.1103/PhysRevD.105.023021 [arXiv:2109.15054 [gr-qc]].

(29) O. Stashko and V. I. Zhdanov, Galaxies **9**, no.4, 72 (2021) doi:10.3390/galaxies9040072 [arXiv:2109.01931 [gr-qc]].

(30) O. S. Stashko, V. I. Zhdanov and A. N. Alexandrov, Phys. Rev. D **104**, no.10, 104055 (2021) doi:10.1103/PhysRevD.104.104055 [arXiv:2107.05111 [gr-qc]].

(31) X. X. Zeng, G. P. Li and K. J. He, Nucl. Phys. B **974**, 115639 (2022) doi:10.1016/j.nuclphysb.2021.115639 [arXiv:2106.14478 [hep-th]].

A.38. J. L. Bl?zquez-Salcedo, D. D. Doneva, S. Kahlen, J. Kunz, P. Nedkova and **S. S. Yazadjiev**, "Axial perturbations of the scalarized Einstein-Gauss-Bonnet black holes," Phys. Rev. D **101**, no. 10, 104006 (2020)

[arXiv:2003.02862 [gr-qc]].

Забелязани независими цитати:

(1) G. Antoniou, "Quasinormal modes of hairy black holes in shift-symmetric theories," [arXiv:2406.01508 [gr-qc]]

(2) G. Antoniou, C. F. B. Macedo, A. Maselli and T. P. Sotiriou, [arXiv:2404.02479 [gr-qc]].

(3) M. Elley, "Simulating Scalar Fields in Astrophysical and Cosmological Settings," PhD thesis, King's College London (2023)

(4) Q. Chen, Z. Ning, Y. Tian, B. Wang and C. Y. Zhang, Phys. Rev. D **108**, no.8, 084016 (2023) doi:10.1103/PhysRevD.108.084016 [arXiv:2307.03060 [gr-qc]].

(5) L. Pierini, "Quasinormal modes of black holes in Einstein-dilaton Gauss-Bonnet gravity," PhD thesis, Rome U. (2023)

(6) N. Franchini and S. H. Völkel, [arXiv:2305.01696 [gr-qc]].

(7) M. Y. Lai, D. C. Zou, R. H. Yue and Y. S. Myung, Phys. Rev. D **108**, no.8, 084007 (2023) doi:10.1103/PhysRevD.108.084007 [arXiv:2304.08012 [gr-qc]].

(8) R. Ghosh, N. Franchini, S. H. Völkel and E. Barausse, Phys. Rev. D **108**, no.2, 024038 (2023) doi:10.1103/PhysRevD.108.024038 [arXiv:2303.00088 [gr-qc]].

(9) D. C. Zou, B. Meng, M. Zhang, S. Y. Li, M. Y. Lai and Y. S. Myung, Universe **9**, 26 (2023) doi:10.3390/universe9010026 [arXiv:2301.04784 [gr-qc]].

(10) P. Da Silva Fernandes, "Gauss-Bonnet Theories of Gravity in Four Dimensions,"PhD thesis, Queen Mary, U. of London (main) (2023)

(11) S. H. Völkel, N. Franchini, E. Barausse and E. Berti, Phys. Rev. D **106**, no.12, 124036 (2022) doi:10.1103/PhysRevD.106.124036 [arXiv:2209.10564 [gr-qc]].

(12) P. G. S. Fernandes, D. J. Mulryne and J. F. M. Delgado, Class. Quant. Grav. **39**, no.23, 235015 (2022) doi:10.1088/1361-6382/aca010 [arXiv:2207.10692 [gr-qc]].

(13) Y. Liu, C. Y. Zhang, W. L. Qian, K. Lin and B. Wang, JHEP **01**, 074 (2023) doi:10.1007/JHEP01(2023)074 [arXiv:2206.05012 [gr-qc]].

(14) M. Elley, H. O. Silva, H. Witek and N. Yunes, Phys. Rev. D **106**, no.4, 044018 (2022) doi:10.1103/PhysRevD.106.044018 [arXiv:2205.06240 [gr-qc]].

(15) M. Minamitsuji, K. Takahashi and S. Tsujikawa, Phys. Rev. D **106**, no.4, 044003 (2022) doi:10.1103/PhysRevD.106.044003 [arXiv:2204.13837 [gr-qc]].

(16) F. L. Julié, H. O. Silva, E. Berti and N. Yunes, Phys. Rev. D **105**, no.12, 124031 (2022) doi:10.1103/PhysRevD.105.124031 [arXiv:2202.01329 [gr-qc]].

(17) C. Y. Zhang, P. Liu, Y. Liu, C. Niu and B. Wang, Phys. Rev. D **105**, no.2, 024073 (2022) doi:10.1103/PhysRevD.105.024073 [arXiv:2111.10744 [gr-qc]].

(18) A. Bryant, H. O. Silva, K. Yagi and K. Glampedakis, Phys. Rev. D **104**, no.4, 044051 (2021) doi:10.1103/PhysRevD.104.044051 [arXiv:2106.09657 [gr-qc]].

(19) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(20) C. Herdeiro, E. Radu and D. H. Tchrakian, Symmetry **13**, no.4, 590 (2021) doi:10.3390/sym13040590 [arXiv:2104.01547 [gr-qc]].

(21) D. Langlois, K. Noui and H. Roussille, Phys. Rev. D **104**, no.12, 124044 (2021) doi:10.1103/PhysRevD.104.12 [arXiv:2103.14750 [gr-qc]].

(22) C. Y. Zhang, P. Liu, Y. Liu, C. Niu and B. Wang, Phys. Rev. D **104**, no.8, 084089 (2021) doi:10.1103/PhysRevD.104.084089 [arXiv:2103.13599 [gr-qc]].

(23) Y. X. Gao and Y. Xie, Phys. Rev. D **103**, no.4, 043008 (2021) doi:10.1103/PhysRevD.103.043008

(24) P. Cañate and S. E. Perez Bergliaffa, Phys. Rev. D **102**, no.10, 104038 (2020) doi:10.1103/PhysRevD.102.104 [arXiv:2010.04858 [gr-qc]].

(25) A. Bakopoulos, doi:10.12681/eadd/48145 [arXiv:2010.13189 [gr-qc]].

(26) C. A. R. Herdeiro, T. Ikeda, M. Minamitsuji, T. Nakamura and E. Radu, Phys. Rev. D **103**, no.4, 044019 (2021) doi:10.1103/PhysRevD.103.044019 [arXiv:2009.06971 [gr-qc]].

(27) D. Astefanesei, J. Luis Blázquez-Salcedo, F. Gómez and R. Rojas, JHEP **02**, 233 (2021) doi:10.1007/JHEP02(2021)233 [arXiv:2009.01854 [hep-th]].

(28) H. Guo, S. Kiorpelidi, X. M. Kuang, E. Papantonopoulos, B. Wang and J. P. Wu, Phys. Rev. D **102**, no.8, 084029 (2020) doi:10.1103/PhysRevD.102.084029 [arXiv:2006.10659 [hep-th]].

(29) D. C. Zou and Y. S. Myung, Phys. Rev. D **102**, no.6, 064011 (2020) doi:10.1103/PhysRevD.102.064011 [arXiv:2005.06677 [gr-qc]].

(30) M. A. Cuyubamba, Phys. Dark Univ. **31**, 100789 (2021) doi:10.1016/j.dark.2021.100789 [arXiv:2004.09025 [gr-qc]].

(31) M. S. Churilova, Phys. Dark Univ. **31**, 100748 (2021) doi:10.1016/j.dark.2020.100748 [arXiv:2004.00513 [gr-qc]].

(32) R. A. Konoplya and A. Zhidenko, Phys. Rev. D **102**, no.6, 064004 (2020) doi:10.1103/PhysRevD.102.064004 [arXiv:2003.12171 [gr-qc]].

A.39. L. G. Collodel, D. D. Doneva and **S. S. Yazadjiev**, "Rotating tensor-multiscalar solitons," Phys. Rev. D **101**, no. 4, 044021 (2020)

[arXiv:1912.02498 [gr-qc]].

Забелязани независими цитати:

(1) O. Schön, doi:10.15496/publikation-90502

(2) H. J. Kuan,"Tidal Effects in Pre-merger Neutron Stars and Dynamics of Scalarized Compact Objects," doi:10.15496/publikation-76851

(3) K. V. Staykov and R. Z. Zheleva, Eur. Phys. J. C **82**, no.2, 108 (2022) doi:10.1140/epjc/s10052-022-10046-0 [arXiv:2109.09399 [gr-qc]].

(4) T. B. Prayitno, E. Budi and R. Fahdiran, J. Phys. Conf. Ser. **1869**, no.1, 012189 (2021) doi:10.1088/1742-6596/1869/1/012189

(5) N. Sanchis-Gual, F. Di Giovanni, C. Herdeiro, E. Radu and J. A. Font, Phys. Rev. Lett. **126**, no.24, 241105 (2021) doi:10.1103/PhysRevLett.126.241105 [arXiv:2103.12136 [gr-qc]].

(6) H. B. Li, Y. B. Zeng, Y. Song and Y. Q. Wang, JHEP **04**, 042 (2021) doi:10.1007/JHEP04(2021)042 [arXiv:2006.11281 [gr-qc]].

(7) S. L. Liebling and C. Palenzuela, Living Rev. Rel. **26**, no.1, 1 (2023) doi:10.1007/s41114-023-00043-4 [arXiv:1202.5809 [gr-qc]].

A.40. D. D. Doneva and **S. S. Yazadjiev**, "Topological neutron stars in tensor-multi-scalar theories of gravity," Phys. Rev. D **101**, no. 6, 064072 (2020)

[arXiv:1911.06908 [gr-qc]].

Забелязани независими цитати:

(1) F. Rahimi and Z. Rezaei, [arXiv:2401.13557 [astro-ph.HE]].

(2) O. Schön, doi:10.15496/publikation-90502

(3) Y. Kehal, K. Nouicer and H. Boumaza, JCAP **05**, 057 (2024) doi:10.1088/1475-7516/2024/05/057 [arXiv:2305.12155 [gr-qc]].

(4) H. J. Kuan, "Tidal Effects in Pre-merger Neutron Stars and Dynamics of Scalarized Compact Objects," doi:10.15496/publikation-76851

(5) J. Soldateschi, "Numerical study of the properties of compact objects in general relativity and scalar-tensor theories," PhD thesis, UNIVERSITA DEGLI STUDI DI FIRENZE (2022)

(6) K. V. Staykov and R. Z. Zheleva, Eur. Phys. J. C **82**, no.2, 108 (2022) doi:10.1140/epjc/s10052-022-10046-0 [arXiv:2109.09399 [gr-qc]].

(7) N. Sanchis-Gual, F. Di Giovanni, C. Herdeiro, E. Radu and J. A. Font, Phys. Rev. Lett. **126**, no.24, 241105 (2021) doi:10.1103/PhysRevLett.126.241105 [arXiv:2103.12136 [gr-qc]].

(8) J. Soldateschi, N. Bucciantini and L. Del Zanna, Astron. Astrophys. **640**, A44 (2020) doi:10.1051/0004-6361/202037918 [arXiv:2005.12758 [astro-ph.HE]].

(9) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0 [arXiv:1912.05202 [gr-qc]].

(10) R. Rosca-Mead, PhD thesis, University of Cambridge (2019)

A.41. D. Doneva, **S. Yazadjiev**, "Mixed configurations of tensor-multiscalar solitons and neutron stars," Phys. Rev. D 101 (2020) 2, 024009

[1909.00473 [gr-qc]]

Забелязани независими цитати:

(1) F. Rahimi and Z. Rezaei, [arXiv:2401.13557 [astro-ph.HE]].

(2) O. Schön, doi:10.15496/publikation-90502

(3) C. Jockel, [arXiv:2308.12174 [gr-qc]].

(4) H. J. Kuan, doi:10.15496/publikation-76851

(5) K. V. Staykov and R. Z. Zheleva, Eur. Phys. J. C **82**, no.2, 108 (2022) doi:10.1140/epjc/s10052-022-10046-0 [arXiv:2109.09399 [gr-qc]].

(6) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0 [arXiv:1912.05202 [gr-qc]].

(7) S. L. Liebling and C. Palenzuela, Living Rev. Rel. **26**, no.1, 1 (2023) doi:10.1007/s41114-023-00043-4 [arXiv:1202.5809 [gr-qc]].

A.42. G. Gyulchev, P. Nedkova, T. Vetsov and **S. S. Yazadjiev**, "Image of the Janis-Newman-Winicour naked singularity with a thin accretion disk," Phys. Rev. D **100**, no. 2, 024055 (2019)

[arXiv:1905.05273 [gr-qc]].

Забелязани независими цитати:

(1) P. Bambhaniya, "A Study of Black Holes and Beyond: Shadows and Relativistic Orbits," [arXiv:2406.01202 [gr-qc]]

(2) V. Kalsariya, P. Bambhaniya and P. S. Joshi, [arXiv:2405.01835 [gr-qc]].

(3) C. Y. Chen and Y. Yokokura, [arXiv:2403.09388 [gr-qc]].

(4) F. Aratore, O. Y. Tsupko and V. Perlick, [arXiv:2402.14733 [gr-qc]].

(5) H. Huang, J. Kunz and D. Mitra, JCAP **05**, 007 (2024) doi:10.1088/1475-7516/2024/05/007 [arXiv:2401.15249 [gr-qc]].

(6) R. B. Magalhães, G. P. Ribeiro, H. C. D. Lima, Junior, G. J. Olmo and L. C. B. Crispino, [arXiv:2401.12779 [gr-qc]].

(7) Y. X. Huang, S. Guo, Y. Liang, Y. H. Cui, Q. Q. Jiang and K. Lin, Chin. Phys. C **48**, no.4, 045102 (2024) doi:10.1088/1674-1137/ad1feb

(8) D. Ayzenberg, L. Blackburn, R. Brito, S. Britzen, A. Broderick, R. Carballo-Rubio, V. Cardoso, A. Chael, K. Chatterjee and Y. Chen, *et al.* [arXiv:2312.02130 [astro-ph.HE]].

(9) Y. Chen, P. Wang, H. Wu and H. Yang, JCAP **04**, 032 (2024) doi:10.1088/1475-7516/2024/04/032 [arXiv:2309.04157 [gr-qc]].

(10) S. H. Mazharimousavi, Eur. Phys. J. C **83**, no.12, 1131 (2023) doi:10.1140/epjc/s10052-023-12300-5 [arXiv:2309.06571 [gr-qc]].

(11) G. Abbas and H. Rehman, Fortsch. Phys. **71**, no.12, 2200205 (2023) doi:10.1002/prop.202200205 [arXiv:2309.03236 [gr-qc]].

(12) D. Chen, Y. Chen, P. Wang, T. Wu and H. Wu, [arXiv:2309.00905 [gr-qc]].

(13) S. Saurabh, P. Bambhaniya and P. S. Joshi, Astron. Astrophys. **682**, A113 (2024) doi:10.1051/0004-6361/202347941 [arXiv:2308.14519 [astro-ph.HE]].

(14) G. D. Prada-Méndez, F. D. Lora-Clavijo and J. M. Velásquez-Cadavid, Class. Quant. Grav. **40**, no.19, 195011 (2023) doi:10.1088/1361-6382/acf17e [arXiv:2308.09174 [gr-qc]].

(15) Y. X. Huang, S. Guo, Y. H. Cui, Q. Q. Jiang and K. Lin, Phys. Rev. D **107**, no.12, 123009 (2023) doi:10.1103/PhysRevD.107.123009 [arXiv:2311.00302 [gr-qc]].

(16) A. Errehymy, S. Hansraj, S. K. Maurya, C. Hansraj and M. Daoud, Phys. Dark Univ. **41**, 101258 (2023) doi:10.1016/j.dark.2023.101258

(17) K. Pal, K. Pal, R. Shaikh and T. Sarkar, JCAP **11**, 060 (2023) doi:10.1088/1475-7516/2023/11/060 [arXiv:2305.07518 [gr-qc]].

(18) S. Guo, Y. X. Huang and G. P. Li, Chin. Phys. C **47**, no.6, 065105 (2023) doi:10.1088/1674-1137/accad5 [arXiv:2305.00007 [gr-qc]].

(19) Z. Zhang, Y. Hou, Z. Hu, M. Guo and B. Chen, JCAP **03**, 013 (2024) doi:10.1088/1475-7516/2024/03/013 [arXiv:2304.03642 [gr-qc]].

(20) S. Hu, C. Deng, S. Guo, X. Wu and E. Liang, Eur. Phys. J. C **83**, no.3, 264 (2023) doi:10.1140/epjc/s10052-023-11411-3

O. Stashko, Spherically-symmetric naked singularities with minimally-coupled scalar fields : effects of self-interaction and quasi-normal modes, PhD thesis, Johann Wolfgang Goethe-Universitat (2024) doi:10.21248/gups.81695

(21) H. Huang, J. Kunz, J. Yang and C. Zhang, Phys. Rev. D **107**, no.10, 104060 (2023) doi:10.1103/PhysRevD.107.104060 [arXiv:2303.11885 [gr-qc]].

(22) K. Mosani, [arXiv:2211.06604 [gr-qc]].

(23) I. Bogush and D. Gal'tsov, Phys. Rev. D **106**, no.8, 084054 (2022) doi:10.1103/PhysRevD.106.084054 [arXiv:2208.14667 [gr-qc]].

(24) O. S. Stashko and V. I. Zhdanov, Phys. Rev. D **106**, no.10, 104049 (2022) doi:10.1103/PhysRevD.106.104049 [arXiv:2209.00160 [gr-qc]].

(25) T. Y. He, Z. Cai and R. J. Yang, Eur. Phys. J. C **82**, no.11, 1067 (2022) doi:10.1140/epjc/s10052-022-11037-x [arXiv:2208.03723 [gr-qc]].

(26) O. Sokoliuk, S. Praharaj, A. Baransky and P. K. Sahoo, Astron. Astrophys. **665**, A139 (2022) doi:10.1051/0004-6361/202244358 [arXiv:2207.07193 [gr-qc]].

(27) V. Patel, D. Tahelyani, A. B. Joshi, D. Dey and P. S. Joshi, Eur. Phys. J. C **82**, no.9, 798 (2022) doi:10.1140/epjc/s10052-022-10638-w [arXiv:2206.06750 [gr-qc]].

(28) A. Eichhorn, R. Gold and A. Held, Astrophys. J. **950**, no.2, 117 (2023) doi:10.3847/1538-4357/accced [arXiv:2205.14883 [astro-ph.HE]].

(29) S. Vagnozzi, R. Roy, Y. D. Tsai, L. Visinelli, M. Afrin, A. Allahyari, P. Bambhaniya, D. Dey, S. G. Ghosh and P. S. Joshi, *et al.* Class. Quant. Grav. **40**, no.16, 165007 (2023) doi:10.1088/1361-6382/acd97b [arXiv:2205.07787 [gr-qc]].

(30) D. Tahelyani, A. B. Joshi, D. Dey and P. S. Joshi, Phys. Rev. D **106**, no.4, 044036 (2022) doi:10.1103/PhysRevD.106.044036 [arXiv:2205.04055 [gr-qc]].

(31) I. Bogush, D. Gal'tsov, Phys. Rev. D **106**, no.2, 024034 (2022) doi:10.1103/PhysRevD.106.024034 [arXiv:2205.01919 [gr-qc]].

(32) K. S. Virbhadra, [arXiv:2204.01792 [gr-qc]].

(33) S. Kazempour, Y. C. Zou and A. R. Akbarieh, Eur. Phys. J. C **82**, no.3, 190 (2022) doi:10.1140/epjc/s10052-022-10153-y [arXiv:2203.05190 [gr-qc]].

(34) Saurabh, P. Bambhaniya and P. S. Joshi, [arXiv:2202.00588 [gr-qc]].

(35) B. Chauvineau, Phys. Rev. D **105**, no.2, 024071 (2022) [erratum: Phys. Rev. D **106**, no.12, 129901 (2022)] doi:10.1103/PhysRevD.105.024071

(36) B. Turimov, O. Rahimov and A. Rakhmatov, J. Fund. Appl. Res. **2**, no.2, 6 (2022)

(37) B. Turimov, O. Rahimov and A. Rakhmatov, J. Fund. Appl. Res. **2**, no.2, 20220013 (2022)

(38) G. P. Li and K. J. He, Eur. Phys. J. C **81**, no.11, 1018 (2021) doi:10.1140/epjc/s10052-021-09817-y

(39) K. Pal, K. Pal, R. Shaikh and T. Sarkar, Phys. Lett. B **829**, 137109 (2022) doi:10.1016/j.physletb.2022.13710 [arXiv:2110.13723 [gr-qc]].

(40) F. Rahaman, T. Manna, R. Shaikh, S. Aktar, M. Mondal and B. Samanta, Nucl. Phys. B **972**, 115548 (2021) doi:10.1016/j.nuclphysb.2021.115548 [arXiv:2110.09820 [gr-qc]].

(41) K. Ota, S. Kobayashi and K. Nakashi, Phys. Rev. D **105**, no.2, 024037 (2022) doi:10.1103/PhysRevD.105.024 [arXiv:2110.07503 [gr-qc]].

(42) D. N. Solanki, P. Bambhaniya, D. Dey, P. S. Joshi and K. N. Pathak, Eur. Phys. J. C **82**, no.1, 77 (2022) doi:10.1140/epjc/s10052-022-10045-1 [arXiv:2109.14937 [gr-qc]].

(43) P. Bambhaniya, S. K, K. Jusufi and P. S. Joshi, Phys. Rev. D **105**, no.2, 023021 (2022) doi:10.1103/PhysRevD.105.023021 [arXiv:2109.15054 [gr-qc]].

(44) P. Bambhaniya, J. V. Trivedi, D. Dey, P. S. Joshi and A. B. Joshi, Phys. Dark Univ. **40**, 101215 (2023) doi:10.1016/j.dark.2023.101215 [arXiv:2109.11137 [gr-qc]].

(45) O. Stashko and V. I. Zhdanov, Galaxies **9**, no.4, 72 (2021) doi:10.3390/galaxies9040072 [arXiv:2109.01931 [gr-qc]].

(46) C. Liu, L. Tang and J. Jing, Int. J. Mod. Phys. D **31**, no.06, 2250041 (2022) doi:10.1142/S0218271822500419 [arXiv:2109.01867 [gr-qc]].

(47) B. Turimov, B. Ahmedov and Z. Stuchlík, Phys. Dark Univ. **33**, 100868 (2021) doi:10.1016/j.dark.2021.10086

(48) O. S. Stashko, V. I. Zhdanov and A. N. Alexandrov, Phys. Rev. D **104**, no.10, 104055 (2021) doi:10.1103/PhysRevD.104.104055 [arXiv:2107.05111 [gr-qc]].

(49) C. Liu, S. Yang, Q. Wu and T. Zhu, JCAP **02**, no.02, 034 (2022) doi:10.1088/1475-7516/2022/02/034 [arXiv:2107.04811 [gr-qc]].

(50) K. P. Kaur, P. S. Joshi, D. Dey, A. B. Joshi and R. P. Desai, [arXiv:2106.13175 [gr-qc]].

(51) S. Devi, A. N. S., S. Chakrabarti and B. R. Majhi, Phys. Dark Univ. **39**, 101173 (2023) doi:10.1016/j.dark.2023.101173 [arXiv:2105.11847 [gr-qc]].

(52) B. Turimov, O. Rahimov, B. Ahmedov, Z. Stuchlík and K. Boymurodova, Int. J. Mod. Phys. D **30**, no.05, 2150037 (2021) doi:10.1142/S0218271821500371

(53) P. Bambhaniya, D. Dey, A. B. Joshi, P. S. Joshi, D. N. Solanki and A. Mehta, Phys. Rev. D **103**, no.8, 084005 (2021) doi:10.1103/PhysRevD.103.084005 [arXiv:2101.03865 [gr-qc]].

(54) R. K. Karimov, R. N. Izmailov, A. A. Potapov and K. K. Nandi, Eur. Phys. J. C **80**, no.12, 1138 (2020) doi:10.1140/epjc/s10052-020-08717-x [arXiv:2012.13564 [gr-qc]].

(55) W. H. Shao, C. Y. Chen and P. Chen, JCAP **03**, 041 (2021) doi:10.1088/1475-7516/2021/03/041 [arXiv:2011.07763 [gr-qc]].

(56) K. Jusufi and Saurabh, Mon. Not. Roy. Astron. Soc. **503**, no.1, 1310-1318 (2021) doi:10.1093/mnras/stab476 [arXiv:2010.15870 [gr-qc]].

(57) K. Saurabh and K. Jusufi, Eur. Phys. J. C **81**, no.6, 490 (2021) doi:10.1140/epjc/s10052-021-09280-9 [arXiv:2009.10599 [gr-qc]].

(58) D. Dey, R. Shaikh and P. S. Joshi, Phys. Rev. D **103**, no.2, 024015 (2021) doi:10.1103/PhysRevD.103.024015 [arXiv:2009.07487 [gr-qc]].

(59) I. Bogush, G. Clément, D. Gal'tsov and D. Torbunov, Phys. Rev. D **103**, no.6, 064045 (2021) doi:10.1103/PhysRevD.103.064045 [arXiv:2009.07922 [gr-qc]].

(60) V. I. Dokuchaev and N. O. Nazarova, Universe **6**, no.9, 154 (2020) doi:10.3390/universe6090154 [arXiv:2007.14121 [astro-ph.HE]].

(61) J. A. Arrieta-Villamizar, J. M. Velásquez-Cadavid, O. M. Pimentel, F. D. Lora-Clavijo and A. C. Gutiérrez-Piñeres, Class. Quant. Grav. **38**, no.1, 015008 (2021) doi:10.1088/1361-6382/abc223 [arXiv:2007.13600 [gr-qc]].

(62) P. Bambhaniya, D. N. Solanki, D. Dey, A. B. Joshi, P. S. Joshi and V. Patel, Eur. Phys. J. C **81**, no.3, 205 (2021) doi:10.1140/epjc/s10052-021-08997-x [arXiv:2007.12086 [gr-qc]].

(63) A. Chowdhury and N. Banerjee, Phys. Rev. D **102**, no.12, 124051 (2020) doi:10.1103/PhysRevD.102.124051 [arXiv:2006.16522 [gr-qc]].

(64) R. Kumar and S. G. Ghosh, Class. Quant. Grav. **38**, no.8, 8 (2021) doi:10.1088/1361-6382/abdd48 [arXiv:2004.07501 [gr-qc]].

(65) A. B. Joshi, D. Dey, P. S. Joshi and P. Bambhaniya, Phys. Rev. D **102**, no.2, 024022 (2020) doi:10.1103/PhysRevD.102.024022 [arXiv:2004.06525 [gr-qc]].

(66) C. Liu, T. Zhu and Q. Wu, Chin. Phys. C **45**, no.1, 015105 (2021) doi:10.1088/1674-1137/abc16c [arXiv:2004.01662 [gr-qc]].

(67) S. Sau, I. Banerjee and S. SenGupta, Phys. Rev. D **102**, no.6, 064027 (2020) doi:10.1103/PhysRevD.102.0640 [arXiv:2004.02840 [gr-qc]].

(68) R. Roy and S. Chakrabarti, Phys. Rev. D **102**, no.2, 024059 (2020) doi:10.1103/PhysRevD.102.024059 [arXiv:2003.14107 [gr-qc]].

(69) R. C. Pantig and E. T. Rodulfo, Chin. J. Phys. **68**, 236-257 (2020) doi:10.1016/j.cjph.2020.08.001 [arXiv:2003.06829 [gr-qc]].

(70) D. Dey, R. Shaikh and P. S. Joshi, Phys. Rev. D **102**, no.4, 044042 (2020) doi:10.1103/PhysRevD.102.044042 [arXiv:2003.06810 [gr-qc]].

(71) S. Shahidi, T. Harko and Z. Kovács, Eur. Phys. J. C **80**, no.2, 162 (2020) doi:10.1140/epjc/s10052-020-7736-x [arXiv:2002.03186 [gr-qc]].

(72) S. Faraji and E. Hackmann, Phys. Rev. D **101**, no.2, 023002 (2020) doi:10.1103/PhysRevD.101.023002 [arXiv:2010.02786 [astro-ph.HE]].

(73) V. I. Zhdanov and O. S. Stashko, Phys. Rev. D **101**, no.6, 064064 (2020) doi:10.1103/PhysRevD.101.064064 [arXiv:1912.00470 [gr-qc]].

(74) D. Dey, P. S. Joshi, A. Joshi and P. Bambhaniya, Int. J. Mod. Phys. D **28**, no.14, 1930024 (2019) doi:10.1142/S0218271819300246 [arXiv:2101.06001 [gr-qc]].

(75) V. I. Dokuchaev and N. O. Nazarova, Usp. Fiz. Nauk **190**, no.6, 627-647 (2020) doi:10.3367/UFNe.2020.01.03 [arXiv:1911.07695 [gr-qc]].

(76) S. Paul, R. Shaikh, P. Banerjee and T. Sarkar, JCAP **03**, 055 (2020) doi:10.1088/1475-7516/2020/03/055 [arXiv:1911.05525 [gr-qc]].

(77) R. Shaikh and P. S. Joshi, JCAP **10**, 064 (2019) doi:10.1088/1475-7516/2019/10/064 [arXiv:1909.10322 [gr-qc]].

(78) A. B. Joshi, P. Bambhaniya, D. Dey and P. S. Joshi, [arXiv:1909.08873 [gr-qc]].

(79) S. X. Tian and Z. H. Zhu, Phys. Rev. D **100**, no.6, 064011 (2019) doi:10.1103/PhysRevD.100.064011 [arXiv:1908.11794 [gr-qc]].

(80) P. Bambhaniya, A. B. Joshi, D. Dey and P. S. Joshi, Phys. Rev. D **100**, no.12, 124020 (2019) doi:10.1103/PhysRevD.100.124020 [arXiv:1908.07171 [gr-qc]].

(81) S. Vagnozzi and L. Visinelli, Phys. Rev. D **100**, no.2, 024020 (2019) doi:10.1103/PhysRevD.100.024020 [arXiv:1905.12421 [gr-qc]].

(82) K. Konstantinos, "Chaotic photon orbits and fractal Shadows in the Hartle-Thorne spacetime," thesis, Aristotle University of Thessaloniki (2021)

(83) K. Jusufi, M. Jamil, P. Salucci, T. Zhu and S. Haroon, Phys. Rev. D **100**, no.4, 044012 (2019) doi:10.1103/PhysRevD.100.044012 [arXiv:1905.11803 [physics.gen-ph]].

(84) C. Bambi, K. Freese, S. Vagnozzi and L. Visinelli, Phys. Rev. D **100**, no.4, 044057 (2019) doi:10.1103/PhysRevD.100.044057 [arXiv:1904.12983 [gr-qc]].

(85) R. Kumar, B. P. Singh, M. S. Ali and S. G. Ghosh, Phys. Dark Univ. **34**, 100881 (2021) doi:10.1016/j.dark.2021.100881 [arXiv:1712.09793 [gr-qc]].

(86) K. Bhattacharya, D. Dey, A. Mazumdar and T. Sarkar, Phys. Rev. D **101**, no.4, 043005 (2020) doi:10.1103/PhysRevD.101.043005 [arXiv:1709.03798 [gr-qc]].

A.43. D. D. Doneva, K. V. Staykov and **S. S. Yazadjiev**, "Gauss-Bonnet black holes with a massive scalar field," Phys. Rev. D **99**, no. 10, 104045 (2019)

[arXiv:1903.08119 [gr-qc]].

Забелязани независими цитати:

(1) I. van Gemeren, T. Hinderer and S. Vandoren, [arXiv:2405.13737 [gr-qc]].

(2) C. Xu, Z. H. Yang, X. M. Kuang and R. H. Yue, Commun. Theor. Phys. **76**, no.1, 015402 (2024) doi:10.1088/1572-9494/ad1326

(3) L. Heisenberg, G. Xu and J. Zosso, [arXiv:2401.05936 [gr-qc]].

(4) Z. Belkhadria and A. M. Pombo, [arXiv:2311.15850 [gr-qc]].

(5) S. Kiorpelidi, T. Karakasis, G. Koutsoumbas and E. Papantonopoulos, Phys. Rev. D **109**, no.2, 024033 (2024) doi:10.1103/PhysRevD.109.024033 [arXiv:2311.10858 [gr-qc]].

(6) G. Antoniou, [arXiv:2308.03501 [gr-qc]].

(7) L. Annulli and C. A. R. Herdeiro, Phys. Lett. B **845**, 138137 (2023) doi:10.1016/j.physletb.2023.138137 [arXiv:2307.10368 [gr-qc]].

(8) G. G. L. Nashed, Phys. Dark Univ. **41**, 101260 (2023) doi:10.1016/j.dark.2023.101260

(9) G. Antoniou, A. Papageorgiou and P. Kanti, Universe **9**, no.3, 147 (2023) doi:10.3390/universe9030147 [arXiv:2210.17533 [gr-qc]].

(10) S. Matsumoto, Class. Quant. Grav. **40**, no.17, 175011 (2023) doi:10.1088/1361-6382/ace94e [arXiv:2210.03966 [gr-qc]].

(11) G. Ventagli, [arXiv:2209.15330 [gr-qc]].

(12) E. Babichev, W. T. Emond and S. Ramazanov, Phys. Rev. D **106**, no.6, 063524 (2022) doi:10.1103/PhysRevD.106.063524 [arXiv:2207.03944 [gr-qc]].

(13) Q. Li, C. Ma, Y. Zhang, Z. W. Lin and P. F. Duan, Chin. J. Phys. **77**, 1269-1277 (2022) doi:10.1016/j.cjph.2022.03.027 [arXiv:2307.04141 [gr-qc]].

(14) M. Minamitsuji, K. Takahashi and S. Tsujikawa, Phys. Rev. D **106**, no.4, 044003 (2022) doi:10.1103/PhysRevD.106.044003 [arXiv:2204.13837 [gr-qc]].

(15) L. Annulli, C. A. R. Herdeiro and E. Radu, Phys. Lett. B **832**, 137227 (2022) doi:10.1016/j.physletb.2022.137 [arXiv:2203.13267 [gr-qc]].

(16) A. Pombo, "Black holes and solitonic objects with bosonic fields, " PhD Thesis, University of Aveiro (2022)

(17) Y. P. Zhang, Y. Q. Wang, S. W. Wei and Y. X. Liu, Phys. Rev. D **106**, no.2, 024027 (2022) doi:10.1103/PhysRevD.106.024027 [arXiv:2203.10341 [gr-qc]].

(18) C. A. R. Herdeiro, A. M. Pombo and E. Radu, Universe **7**, no.12, 483 (2021) doi:10.3390/universe7120483 [arXiv:2111.06442 [gr-qc]].

(19) L. Annulli, [arXiv:2110.02704 [gr-qc]].

(20) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Arab. J. Math. **11**, no.1, 17-30 (2022) doi:10.1007/s40065-021-00349-7 [arXiv:2106.15574 [gr-qc]].

(21) L. Annulli, Phys. Rev. D **104**, no.12, 124028 (2021) doi:10.1103/PhysRevD.104.124028 [arXiv:2105.08728 [gr-qc]].

(22) C. Herdeiro, E. Radu and D. H. Tchrakian, Symmetry **13**, no.4, 590 (2021) doi:10.3390/sym13040590 [arXiv:2104.01547 [gr-qc]].

(23) S. Barton, B. Hartmann, B. Kleihaus and J. Kunz, Phys. Lett. B **817**, 136336 (2021) doi:10.1016/j.physletb.2021.136336 [arXiv:2103.01651 [gr-qc]].

(24) S. J. Zhang, Eur. Phys. J. C **81**, no.5, 441 (2021) doi:10.1140/epjc/s10052-021-09249-8 [arXiv:2102.10479 [gr-qc]].

(25) R. Ibadov, B. Kleihaus, J. Kunz and S. Murodov, Symmetry **13**, no.1, 89 (2021) doi:10.3390/sym13010089 [arXiv:2012.05178 [gr-qc]].

(26) J. L. Blázquez-Salcedo, S. Kahlen and J. Kunz, Symmetry **12**, no.12, 2057 (2020) doi:10.3390/sym12122057 [arXiv:2011.01326 [gr-qc]].

(27) P. Cañate and S. E. Perez Bergliaffa, Phys. Rev. D **102**, no.10, 104038 (2020) doi:10.1103/PhysRevD.102.104 [arXiv:2010.04858 [gr-qc]].

(28) M. Heydari-Fard and H. R. Sepangi, Phys. Lett. B **816**, 136276 (2021) doi:10.1016/j.physletb.2021.136276 [arXiv:2009.13748 [gr-qc]].

(29) A. Bakopoulos, doi:10.12681/eadd/48145 [arXiv:2010.13189 [gr-qc]].

(30) C. A. R. Herdeiro, T. Ikeda, M. Minamitsuji, T. Nakamura and E. Radu, Phys. Rev. D **103**, no.4, 044019 (2021) doi:10.1103/PhysRevD.103.044019 [arXiv:2009.06971 [gr-qc]].

(31) C. Gao, S. Yu and J. Qiu, Phys. Dark Univ. **31**, 100754 (2021) doi:10.1016/j.dark.2020.100754 [arXiv:2008.12594 [gr-qc]].

(32) J. Luis Blázquez-Salcedo, C. A. R. Herdeiro, S. Kahlen, J. Kunz, A. M. Pombo and E. Radu, Eur. Phys. J. C **81**, no.2, 155 (2021) doi:10.1140/epjc/s10052-021-08952-w [arXiv:2008.11744 [gr-qc]].

(33) X. Y. Guo, Y. Gao, H. F. Li and R. Zhao, Phys. Rev. D **102**, no.12, 124016 (2020) doi:10.1103/PhysRevD.102.124016 [arXiv:2007.03284 [gr-qc]].

(34) Y. Peng, Eur. Phys. J. C **80**, no.6, 575 (2020) doi:10.1140/epjc/s10052-020-8167-4

(35) R. Ibadov, B. Kleihaus, J. Kunz and S. Murodov, Phys. Rev. D **102**, no.6, 064010 (2020) doi:10.1103/PhysRevD.102.064010 [arXiv:2006.13008 [gr-qc]].

(36) Z. Haghani, Phys. Dark Univ. **30**, 100720 (2020) doi:10.1016/j.dark.2020.100720 [arXiv:2005.01636 [gr-qc]].

(37) G. Ventagli, A. Lehébel and T. P. Sotiriou, Phys. Rev. D **102**, no.2, 024050 (2020) doi:10.1103/PhysRevD.102.024050 [arXiv:2006.01153 [gr-qc]].

(38) B. Kleihaus, J. Kunz and P. Kanti, Phys. Rev. D **102**, no.2, 024070 (2020) doi:10.1103/PhysRevD.102.024070 [arXiv:2005.07650 [gr-qc]].

(39) H. S. Liu, H. Lu, Z. Y. Tang and B. Wang, Phys. Rev. D **103**, no.8, 084043 (2021) doi:10.1103/PhysRevD.103.084043 [arXiv:2004.14395 [gr-qc]].

(40) H. Witek, L. Gualtieri and P. Pani, Phys. Rev. D **101**, no.12, 124055 (2020) doi:10.1103/PhysRevD.101.1240 [arXiv:2004.00009 [gr-qc]].

(41) A. Bakopoulos, P. Kanti and N. Pappas, Phys. Rev. D **101**, no.8, 084059 (2020) doi:10.1103/PhysRevD.101.0 [arXiv:2003.02473 [hep-th]].

(42) P. G. S. Fernandes, Phys. Dark Univ. **30**, 100716 (2020) doi:10.1016/j.dark.2020.100716 [arXiv:2003.01045 [gr-qc]].

(43) C. F. B. Macedo, Int. J. Mod. Phys. D **29**, no.11, 2041006 (2020) doi:10.1142/S0218271820410060 [arXiv:2002.12719 [gr-qc]].

(44) S. Alexeyev and M. Sendyuk, Universe **6**, no.2, 25 (2020) doi:10.3390/universe6020025

(45) F. Corelli, [arXiv:2112.12048 [gr-qc]].

(46) L. G. Collodel, B. Kleihaus, J. Kunz and E. Berti, Class. Quant. Grav. **37**, no.7, 075018 (2020) doi:10.1088/1361-6382/ab74f9 [arXiv:1912.05382 [gr-qc]].

(47) A. Bakopoulos, P. Kanti and N. Pappas, Phys. Rev. D **101**, no.4, 044026 (2020) doi:10.1103/PhysRevD.101.0 [arXiv:1910.14637 [hep-th]].

(48) Y. Brihaye, C. Herdeiro and E. Radu, Phys. Lett. B **802**, 135269 (2020) doi:10.1016/j.physletb.2020.135269 [arXiv:1910.05286 [gr-qc]].

(49) D. C. Zou and Y. S. Myung, Phys. Rev. D **100**, no.12, 124055 (2019) doi:10.1103/PhysRevD.100.124055 [arXiv:1909.11859 [gr-qc]].

(50) X. Q. Li, B. Chen and L. l. Xing, Eur. Phys. J. Plus **137**, no.10, 1167 (2022) doi:10.1140/epjp/s13360-022-03379-y [arXiv:1908.09827 [gr-qc]].

(51) Y. X. Gao and D. J. Liu, [arXiv:1908.01346 [gr-qc]].

(52) G. Antoniou, A. Bakopoulos, P. Kanti, B. Kleihaus and J. Kunz, Phys. Rev. D **101**, no.2, 024033 (2020) doi:10.1103/PhysRevD.101.024033 [arXiv:1904.13091 [hep-th]].

(53) P. V. P. Cunha, C. A. R. Herdeiro and E. Radu, Phys. Rev. Lett. **123**, no.1, 011101 (2019) doi:10.1103/PhysRevLett.123.011101 [arXiv:1904.09997 [gr-qc]].

(54) Y. S. Myung and D. C. Zou, Eur. Phys. J. C **79**, no.8, 641 (2019) doi:10.1140/epjc/s10052-019-7176-7 [arXiv:1904.09864 [gr-qc]].

(55) N. Andreou, N. Franchini, G. Ventagli and T. P. Sotiriou, Phys. Rev. D **99**, no.12, 124022 (2019) [erratum: Phys. Rev. D **101**, no.10, 109903 (2020)] doi:10.1103/PhysRevD.99.124022 [arXiv:1904.06365 [gr-qc]].

A.44. G. Pappas, D. Doneva, T. Sotiriou, **S. Yazadjiev**, K. Kokkotas, "Multipole moments and universal relations for scalarized neutron stars," Phys. Rev.D **99** 10, 104014 (2019)

[1812.01117 [gr-qc]]

Забелязани независими цитати:

(1) C. Adam, J. Castelo, A. García Martín-Caro, M. Huidobro and A. Wereszczynski, Phys. Rev. D **108**, no.4, 043015 (2023) doi:10.1103/PhysRevD.108.043015 [arXiv:2305.06181 [gr-qc]].

(2) A. Sedrakian, J. J. Li and F. Weber, Prog. Part. Nucl. Phys. **131**, 104041 (2023) doi:10.1016/j.ppnp.2023.104041 [arXiv:2212.01086 [nucl-th]].

(3) C. Adam, J. Castelo, A. García Martín-Caro, M. Huidobro, R. Vázquez and A. Wereszczynski, Phys. Rev. D **106**, no.12, 123022 (2022) doi:10.1103/PhysRevD.106.123022 [arXiv:2203.16558 [gr-qc]].

(4) J. Soldateschi, "Numerical study of the properties of compact objects in general relativity and scalar-tensor theories," PhD thesis, UNIVERSITA DEGLI STUDI DI FIRENZE (2022)

(5) N. K. Largani, T. Fischer, A. Sedrakian, M. Cierniak, D. E. Alvarez-Castillo and D. B. Blaschke, Mon. Not. Roy. Astron. Soc. **515**, no.3, 3539-3554 (2022) doi:10.1093/mnras/stac1916 [arXiv:2112.10439 [astro-ph.HE]].

(6) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(7) K. Yagi and M. Stepniczka, Phys. Rev. D **104**, no.4, 044017 (2021) doi:10.1103/PhysRevD.104.044017 [arXiv:2105.01614 [gr-qc]].

(8) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(9) G. Fodor, E. d. Filho and B. Hartmann, Phys. Rev. D **104**, no.6, 064012 (2021) doi:10.1103/PhysRevD.104.0 [arXiv:2012.05548 [gr-qc]].

(10) S. Mukherjee and S. Chakraborty, Phys. Rev. D **102**, 124058 (2020) doi:10.1103/PhysRevD.102.124058 [arXiv:2008.06891 [gr-qc]].

(11) J. Soldateschi, N. Bucciantini and L. Del Zanna, Astron. Astrophys. **640**, A44 (2020) doi:10.1051/0004-6361/202037918 [arXiv:2005.12758 [astro-ph.HE]].

A.45. G. Gyulchev, P. Nedkova, V. Tinchev, **S. Yazadjiev**, "Cusp structure in shadows casted by rotating wormholes," AIP Conf. Proc. 2075 (2019) 1, 040005

Забелязани независими цитати:

(1) W. Javed, S. Riaz, R. C. Pantig and A. Övgün, Eur. Phys. J. C **82**, no.11, 1057 (2022) doi:10.1140/epjc/s10052-022-11030-4 [arXiv:2212.00804 [gr-qc]].

(2) Q. Li, C. Ma, Y. Zhang, Z. W. Lin and P. F. Duan, Eur. Phys. J. C **82**, no.7, 658 (2022) doi:10.1140/epjc/s10052-022-10623-3 [arXiv:2307.04144 [gr-qc]].

(3) S. Haroon, "Geodesics and Shadows of Rotating Black Holes,"PhD thesis, National University of Sciences and Technology (NUST), Islamabad, Pakistan (2022)

(4) K. Jusufi, M. Jamil and T. Zhu, Eur. Phys. J. C **80**, no.5, 354 (2020) doi:10.1140/epjc/s10052-020-7899-5 [arXiv:2005.05299 [gr-qc]].

(5) K. Jusufi, Phys. Rev. D **101**, no.8, 084055 (2020) doi:10.1103/PhysRevD.101.084055 [arXiv:1912.13320 [gr-qc]].

(6) K. Jusufi, M. Jamil, H. Chakrabarty, Q. Wu, C. Bambi and A. Wang, Phys. Rev. D **101**, no.4, 044035 (2020) doi:10.1103/PhysRevD.101.044035 [arXiv:1911.07520 [gr-qc]].

(7) K. Jusufi, M. Jamil, P. Salucci, T. Zhu and S. Haroon, Phys. Rev. D **100**, no.4, 044012 (2019) doi:10.1103/PhysRevD.100.044012 [arXiv:1905.11803 [physics.gen-ph]].

(8) S. Haroon, K. Jusufi and M. Jamil, Universe **6**, no.2, 23 (2020) doi:10.3390/universe6020023 [arXiv:1904.00711 [gr-qc]].

A.46. K. Staykov, D. Doneva, **S. Yazadjiev**, "Orbital and epicyclic frequencies in massive scalar-tensor theory with self-interaction," Astrophys.Space Sci. 364 (2019) 10, 178

[1902.09208 [gr-qc]]

Забелязани независими цитати:

(1) I. Z. Stefanov, [arXiv:2308.15759 [astro-ph.HE]].

(2) H. Y. Lin and X. M. Deng, Annals Phys. **455**, 169360 (2023) doi:10.1016/j.aop.2023.169360

(3) H. Y. Lin and X. M. Deng, Universe **8**, no.5, 278 (2022) doi:10.3390/universe8050278

(4) B. Gao and X. M. Deng, Eur. Phys. J. C **81**, no.11, 983 (2021) doi:10.1140/epjc/s10052-021-09782-6

(5) B. Gao and X. M. Deng, Mod. Phys. Lett. A **36**, no.33, 2150237 (2021) doi:10.1142/S0217732321502370

A.47. Z. Motahar, J. Bl?zquez-Salcedo, D. Doneva, Jutta Kunz, S. Yazadjiev, "Axial quasinormal modes of scalarized neutron stars with massive self-interacting scalar field," Phys.' Rev. D 99 (2019) 10, 104006

[1902.01277 [gr-qc]]

Забелязани независими цитати:

(1) V. K. Oikonomou, Class. Quant. Grav. **41**, no.8, 085008 (2024) doi:10.1088/1361-6382/ad33cd [arXiv:2403.09818 [gr-qc]].

(2) J. M. Z. Pretel, S. E. Jorás, R. R. R. Reis, S. B. Duarte and J. D. V. Arbañil, Phys. Dark Univ. **43**, 101394 (2024) doi:10.1016/j.dark.2023.101394 [arXiv:2308.00203 [gr-qc]].

(3) S. D. Odintsov and V. K. Oikonomou, Phys. Rev. D **107**, no.10, 104039 (2023) doi:10.1103/PhysRevD.107.10 [arXiv:2305.05515 [gr-qc]].

(4) V. K. Oikonomou, Class. Quant. Grav. **40**, no.8, 085005 (2023) doi:10.1088/1361-6382/acc2a7 [arXiv:2303.06270 [gr-qc]].

(5) V. K. Oikonomou, Mon. Not. Roy. Astron. Soc. **520**, no.2, 2934-2941 (2023) doi:10.1093/mnras/stad326 [arXiv:2301.12136 [gr-qc]].

(6) V. K. Oikonomou, Symmetry **14**, 1 (2022) doi:10.3390/sym14010032 [arXiv:2112.10221 [gr-qc]].

(7) H. Boumaza, Phys. Rev. D **105**, no.4, 044052 (2022) doi:10.1103/PhysRevD.105.044052 [arXiv:2110.14480 [gr-qc]].

(8) R. Kase and S. Tsujikawa, Phys. Rev. D **105**, no.2, 024059 (2022) doi:10.1103/PhysRevD.105.024059 [arXiv:2110.12728 [gr-qc]].

(9) V. K. Oikonomou, Class. Quant. Grav. **38**, no.17, 175005 (2021) doi:10.1088/1361-6382/ac161c [arXiv:2107.12430 [gr-qc]].

(10) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(11) S. D. Odintsov and V. K. Oikonomou, Annals Phys. **440**, 168839 (2022) doi:10.1016/j.aop.2022.168839 [arXiv:2104.01982 [gr-qc]].

(12) S. D. Odintsov and V. K. Oikonomou, Phys. Dark Univ. **32**, 100805 (2021) doi:10.1016/j.dark.2021.100805 [arXiv:2103.07725 [gr-qc]].

(13) C. A. R. Herdeiro, T. Ikeda, M. Minamitsuji, T. Nakamura and E. Radu, Phys. Rev. D **103**, no.4, 044019 (2021) doi:10.1103/PhysRevD.103.044019 [arXiv:2009.06971 [gr-qc]].

A.48. **S. S. Yazadjiev** and D. D. Doneva, "Dark compact objects in massive tensor-multi-scalar theories of gravity," Phys. Rev. D **99**, no. 8, 084011 (2019)

[arXiv:1901.06379 [gr-qc]].

Забелязани независими цитати:

(1) O. Schön, doi:10.15496/publikation-90502

(2) C. Jockel, [arXiv:2308.12174 [gr-qc]].

(3) H. J. Kuan,"Tidal Effects in Pre-merger Neutron Stars and Dynamics of Scalarized Compact Objects," doi:10.15496/publikation-76851

(4) K. V. Staykov and R. Z. Zheleva, Eur. Phys. J. C **82**, no.2, 108 (2022) doi:10.1140/epjc/s10052-022-10046-0 [arXiv:2109.09399 [gr-qc]].

(5) N. Sanchis-Gual, F. Di Giovanni, C. Herdeiro, E. Radu and J. A. Font, Phys. Rev. Lett. **126**, no.24, 241105 (2021) doi:10.1103/PhysRevLett.126.241105 [arXiv:2103.12136 [gr-qc]].

(6) A. Maselli, N. Franchini, L. Gualtieri and T. P. Sotiriou, Phys. Rev. Lett. **125**, no.14, 141101 (2020) doi:10.1103/PhysRevLett.125.141101 [arXiv:2004.11895 [gr-qc]].

(7) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0 [arXiv:1912.05202 [gr-qc]].

(8) S. L. Liebling and C. Palenzuela, Living Rev. Rel. **26**, no.1, 1 (2023) doi:10.1007/s41114-023-00043-4 [arXiv:1202.5809 [gr-qc]].

A.49. J. L. Bl?zquez-Salcedo, Z. Altaha Motahar, D. D. Doneva, F. S. Khoo, J. Kunz, S. Mojica, K. V. Staykov and **S. S. Yazadjiev**, "Quasinormal modes of compact objects in alternative theories of gravity," Eur. Phys. J. Plus **134**, no. 1, 46 (2019)

[arXiv:1810.09432 [gr-qc]].

Забелязани независими цитати:

(1) S. Hirano, M. Kimura and M. Yamaguchi, [arXiv:2404.07039 [gr-qc]].

(2) R. F. P. Mendes, N. Ortiz and N. Stergioulas, Phys. Rev. D **104**, no.10, 104036 (2021) doi:10.1103/PhysRevD.104.104036 [arXiv:2107.07036 [gr-qc]].

(3) A. Dima, M. Bezares and E. Barausse, Phys. Rev. D **104**, no.8, 084017 (2021) doi:10.1103/PhysRevD.104.08 [arXiv:2107.04359 [gr-qc]].

(4) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(5) J. M. Z. Pretel, S. E. Jorás, R. R. R. Reis and J. D. V. Arbañil, JCAP **04**, 064 (2021) doi:10.1088/1475-7516/2021/04/064 [arXiv:2012.03342 [gr-qc]].

(6) S. Hansraj, A. Banerjee, L. Moodly and M. K. Jasim, Class. Quant. Grav. **38**, no.3, 035002 (2021) doi:10.1088/1361-6382/abcb0d [arXiv:2011.08701 [gr-qc]].

(7) A. Bakopoulos, doi:10.12681/eadd/48145 [arXiv:2010.13189 [gr-qc]].

(8) J. M. Z. Pretel, S. E. Jorás and R. R. R. Reis, JCAP **11**, 048 (2020) doi:10.1088/1475-7516/2020/11/048 [arXiv:2008.00536 [gr-qc]].

(9) V. Dzhunushaliev and V. Folomeev, Int. J. Geom. Meth. Mod. Phys. **17**, no.11, 2050165 (2020) doi:10.1142/S0219887820501650 [arXiv:2007.10579 [gr-qc]].

(10) Z. Carson, doi:10.18130/v3-pxdw-2144 [arXiv:2010.04745 [gr-qc]].

(11) A. Bakopoulos, P. Kanti and N. Pappas, Phys. Rev. D **101**, no.8, 084059 (2020) doi:10.1103/PhysRevD.101.0 [arXiv:2003.02473 [hep-th]].

(12) Z. Carson and K. Yagi, Phys. Rev. D **101**, no.10, 104030 (2020) doi:10.1103/PhysRevD.101.104030 [arXiv:2003.00286 [gr-qc]].

(13) M. H. Y. Cheung, L. W. H. Poon, A. K. W. Chung and T. G. F. Li, JCAP **02**, 040 (2021) doi:10.1088/1475-7516/2021/02/040 [arXiv:2002.01695 [gr-qc]].

(14) J. Noller, L. Santoni, E. Trincherini and L. G. Trombetta, Phys. Rev. D **101**, 084049 (2020) doi:10.1103/PhysRevD.101.084049 [arXiv:1911.11671 [gr-qc]].

(15) A. Bakopoulos, P. Kanti and N. Pappas, Phys. Rev. D **101**, no.4, 044026 (2020) doi:10.1103/PhysRevD.101.0 [arXiv:1910.14637 [hep-th]].

(16) C. Y. Chen and P. Chen, Phys. Rev. D **101**, no.6, 064021 (2020) doi:10.1103/PhysRevD.101.064021 [arXiv:1910.12262 [gr-qc]].

(17) A. Savaş Arapoğlu, K. Yavuz Ekşi and A. Emrah Yükselci, Phys. Rev. D **99**, no.6, 064055 (2019) doi:10.1103/PhysRevD.99.064055 [arXiv:1903.00391 [gr-qc]].

(18) C. Y. Chen and P. Chen, Phys. Rev. D **99**, no.10, 104003 (2019) doi:10.1103/PhysRevD.99.104003 [arXiv:1902.01678 [gr-qc]].

(19) J. Mena-Fernández and L. M. González-Romero, Phys. Rev. D **99**, no.10, 104005 (2019) doi:10.1103/PhysRevD.99.104005 [arXiv:1901.10851 [gr-qc]].

(20) A. Bakopoulos, G. Antoniou and P. Kanti, Phys. Rev. D **99**, no.6, 064003 (2019) doi:10.1103/PhysRevD.99.064003 [arXiv:1812.06941 [hep-th]].

(21) C. Y. Chen, M. Bouhmadi-López and P. Chen, Eur. Phys. J. C **79**, no.1, 63 (2019) doi:10.1140/epjc/s10052-019-6585-y [arXiv:1811.12494 [gr-qc]].

(22) Q. Fang, S. Chen and J. Jing, Int. J. Mod. Phys. D **28**, no.09, 1950112 (2019) doi:10.1142/S021827181950112 [arXiv:1811.07479 [gr-qc]].

A.50. D. D. Doneva, S. Kiorpelidi, P. G. Nedkova, E. Papantonopoulos and **S. S. Yazadjiev**, "Charged Gauss-Bonnet black holes with curvature induced scalarization in the extended scalar-tensor theories," Phys. Rev. D **98**, no. 10, 104056 (2018)

[arXiv:1809.00844 [gr-qc]].

Забелязани независими цитати:

(1) R. El-Nabulsi, W. Anukool, Journal of High Energy Astrophysics, Volume 42, June 2024, Pages 104-114

(2) M. Shafeeque and M. K. Nandy, [arXiv:2404.01086 [gr-qc]].

(3) M. Minamitsuji, S. Mukohyama and S. Tsujikawa, [arXiv:2403.10048 [gr-qc]].

(4) F. Corelli, "Tackling conceptual problems in gravity with numerically simulated gedanken experiments," PhD thesis, Rome La Sapienza (2024)

(5) W. Xiong, C. Y. Zhang and P. C. Li, [arXiv:2312.11879 [gr-qc]].

(6) O. Baake, A. Cisterna, M. Hassaine and U. Hernandez-Vera, Phys. Rev. D **109**, no.6, 064024 (2024) doi:10.1103/PhysRevD.109.064024 [arXiv:2312.05207 [hep-th]].

(7) N. Caceres, C. Corral, F. Diaz and R. Olea, JHEP **04**, 152 (2024) doi:10.1007/JHEP04(2024)152 [arXiv:2311.04054 [hep-th]].

(8) G. Antoniou, [arXiv:2308.03501 [gr-qc]].

(9) G. Guo, P. Wang, H. Wu and H. Yang, JHEP **10**, 076 (2023) doi:10.1007/JHEP10(2023)076 [arXiv:2307.12210 [gr-qc]].

(10) G. G. L. Nashed, Phys. Dark Univ. **41**, 101260 (2023) doi:10.1016/j.dark.2023.101260

(11) H. J. Lin, T. Zhu, S. J. Zhang and A. Wang, Phys. Rev. D **108**, no.4, 044005 (2023) doi:10.1103/PhysRevD.108.044005 [arXiv:2305.15733 [gr-qc]].

(12) Q. Li, Y. Zhang, Z. W. Lin, Q. Q. Li and Q. Sun, Mod. Phys. Lett. A **38**, no.04, 2350025 (2023) doi:10.1142/S0217732323500256 [arXiv:2307.04444 [gr-qc]].

(13) M. Y. Lai, D. C. Zou, R. H. Yue and Y. S. Myung, Phys. Rev. D **108**, no.8, 084007 (2023) doi:10.1103/PhysRevD.108.084007 [arXiv:2304.08012 [gr-qc]].

(14) J. Jiang and J. Tan, Eur. Phys. J. C **83**, no.4, 290 (2023) doi:10.1140/epjc/s10052-023-11455-5

(15) R. Kase and S. Tsujikawa, Phys. Rev. D **107**, no.10, 104045 (2023) doi:10.1103/PhysRevD.107.104045 [arXiv:2301.10362 [gr-qc]].

(16) H. J. Kuan, "Tidal Effects in Pre-merger Neutron Stars and Dynamics of Scalarized Compact Objects," doi:10.15496/publikation-76851

(17) D. C. Zou, B. Meng, M. Zhang, S. Y. Li, M. Y. Lai and Y. S. Myung, Universe **9**, 26 (2023) doi:10.3390/universe9010026 [arXiv:2301.04784 [gr-qc]].

(18) A. H. K. R, J. L. Ripley and N. Yunes, Phys. Rev. D **107**, no.4, 044044 (2023) doi:10.1103/PhysRevD.107.044 [arXiv:2211.08477 [gr-qc]].

(19) G. Antoniou, A. Papageorgiou and P. Kanti, Universe **9**, no.3, 147 (2023) doi:10.3390/universe9030147 [arXiv:2210.17533 [gr-qc]].

(20) Th. Katsoulas, "Black Hole solutions in Einstein-Gauss-Bonnet Theory with a self-interacting scalar field, " thesis, UNIVERSITY OF IOANNINA (2023)

(21) Q. Chen, Z. Ning, Y. Tian, B. Wang and C. Y. Zhang, JHEP **01**, 062 (2023) doi:10.1007/JHEP01(2023)062 [arXiv:2210.14539 [hep-th]].

(22) L. Xie, C. Fang, J. Jiang and M. Zhang, Phys. Lett. B **833**, 137396 (2022) doi:10.1016/j.physletb.2022.137396 [arXiv:2208.14224 [hep-th]].

(23) M. M. Khalil, "Analytical modeling of compact binaries in general relativity and modified gravity theories," doi:10.13016/nj5r-bfj5

T. Karakasis, G. Koutsoumbas, A. Machattou and E. Papantonopoulos,

(24) M. Khalil, R. F. P. Mendes, N. Ortiz and J. Steinhoff, Phys. Rev. D **106**, no.10, 104016 (2022) doi:10.1103/PhysRevD.106.104016 [arXiv:2206.13233 [gr-qc]].

(25) C. Ma, Y. Zhang, Q. Li and Z. W. Lin, Commun. Theor. Phys. **74**, no.6, 065402 (2022) doi:10.1088/1572-9494/ac6ac2

(26) Q. Li, C. Ma, Y. Zhang, Z. W. Lin and P. F. Duan, Chin. J. Phys. **77**, 1269-1277 (2022) doi:10.1016/j.cjph.2022.03.027 [arXiv:2307.04141 [gr-qc]].

(27) A. Pombo, "Black holes and solitonic objects with bosonic fields, " PhD Thesis, University of Aveiro (2022)

(28) A. Marrani, O. Miskovic and P. Q. Leon, JHEP **07**, 100 (2022) doi:10.1007/JHEP07(2022)100 [arXiv:2203.14388 [hep-th]].

(29) C. Erices, S. Riquelme and N. Zalaquett, Phys. Rev. D **106**, no.4, 044046 (2022) doi:10.1103/PhysRevD.106.0 [arXiv:2203.06030 [gr-qc]].

(30) J. R. Morris, Annals Phys. **438**, 168782 (2022) doi:10.1016/j.aop.2022.168782 [arXiv:2202.03988 [hep-th]].

(31) C. A. R. Herdeiro, A. M. Pombo and E. Radu, Universe **7**, no.12, 483 (2021) doi:10.3390/universe7120483 [arXiv:2111.06442 [gr-qc]].

(32) Y. Bao, H. Guo and X. M. Kuang, Phys. Lett. B **822**, 136646 (2021) doi:10.1016/j.physletb.2021.136646

(33) F. Yao, Eur. Phys. J. C **81**, no.11, 1009 (2021) doi:10.1140/epjc/s10052-021-09793-3 [arXiv:2107.12039 [gr-qc]].

(34) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Arab. J. Math. **11**, no.1, 17-30 (2022) doi:10.1007/s40065-021-00349-7 [arXiv:2106.15574 [gr-qc]].

(35) M. Minamitsuji and S. Tsujikawa, Phys. Lett. B **820**, 136509 (2021) doi:10.1016/j.physletb.2021.136509 [arXiv:2105.14661 [gr-qc]].

(36) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(37) G. Antoniou, A. Lehébel, G. Ventagli and T. P. Sotiriou, Phys. Rev. D **104**, no.4, 044002 (2021) doi:10.1103/PhysRevD.104.044002 [arXiv:2105.04479 [gr-qc]].

(38) C. Y. Zhang, P. Liu, Y. Liu, C. Niu and B. Wang, Phys. Rev. D **105**, no.2, 024010 (2022) doi:10.1103/PhysRevD.105.024010 [arXiv:2104.07281 [gr-qc]].

(39) P. Cañate, J. Sultana and D. Kazanas, Class. Quant. Grav. **38**, no.12, 125002 (2021) doi:10.1088/1361-6382/abf97f [arXiv:2104.06105 [gr-qc]].

(40) C. Y. Zhang, P. Liu, Y. Liu, C. Niu and B. Wang, Phys. Rev. D **104**, no.8, 084089 (2021) doi:10.1103/PhysRevD.104.084089 [arXiv:2103.13599 [gr-qc]].

(41) S. Barton, B. Hartmann, B. Kleihaus and J. Kunz, Phys. Lett. B **817**, 136336 (2021) doi:10.1016/j.physletb.2021.136336 [arXiv:2103.01651 [gr-qc]].

(42) G. Guo, P. Wang, H. Wu and H. Yang, Eur. Phys. J. C **81**, no.10, 864 (2021) doi:10.1140/epjc/s10052-021-09614-7 [arXiv:2102.04015 [gr-qc]].

(43) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(44) R. Ibadov, B. Kleihaus, J. Kunz and S. Murodov, Symmetry **13**, no.1, 89 (2021) doi:10.3390/sym13010089 [arXiv:2012.05178 [gr-qc]].

(45) P. Wang, H. Wu and H. Yang, Phys. Rev. D **103**, no.10, 104012 (2021) doi:10.1103/PhysRevD.103.104012 [arXiv:2012.01066 [gr-qc]].

(46) J. M. d. Oliveira, "Aspects of Einstein-Maxwell-scalar models: solitons, duality and scalarisation," PhD thesis, University of Aveiro (2020)

(47) S. Jiang, [arXiv:2011.03998 [gr-qc]].

(48) J. L. Blázquez-Salcedo, S. Kahlen and J. Kunz, Symmetry **12**, no.12, 2057 (2020) doi:10.3390/sym12122057 [arXiv:2011.01326 [gr-qc]].

(49) C. L. Hunter and D. J. Smith, Int. J. Mod. Phys. A **37**, no.09, 2250045 (2022) doi:10.1142/S0217751X225004 [arXiv:2010.10312 [gr-qc]].

(50) R. Wildenberg, "About the effect of higher-curvature gravity on the shadow of a black hole," thesis, Utrecht University (2021)

(51) G. G. L. Nashed and E. N. Saridakis, Phys. Rev. D **102**, no.12, 124072 (2020) doi:10.1103/PhysRevD.102.124 [arXiv:2010.10422 [gr-qc]].

(52) P. Cañate and S. E. Perez Bergliaffa, Phys. Rev. D **102**, no.10, 104038 (2020) doi:10.1103/PhysRevD.102.104 [arXiv:2010.04858 [gr-qc]].

(53) M. Heydari-Fard and H. R. Sepangi, Phys. Lett. B **816**, 136276 (2021) doi:10.1016/j.physletb.2021.136276 [arXiv:2009.13748 [gr-qc]].

(54) A. Bakopoulos, doi:10.12681/eadd/48145 [arXiv:2010.13189 [gr-qc]].

(55) C. A. R. Herdeiro, T. Ikeda, M. Minamitsuji, T. Nakamura and E. Radu, Phys. Rev. D **103**, no.4, 044019 (2021) doi:10.1103/PhysRevD.103.044019 [arXiv:2009.06971 [gr-qc]].

(56) Z. Y. Tang, B. Wang, T. Karakasis Phys. Rev. D **104**, no.6, 064017 (2021) doi:10.1103/PhysRevD.104.064017 [arXiv:2008.13318 [gr-qc]].

(57) J. Luis Blázquez-Salcedo, C. A. R. Herdeiro, S. Kahlen, J. Kunz, A. M. Pombo and E. Radu, Eur. Phys. J. C **81**, no.2, 155 (2021) doi:10.1140/epjc/s10052-021-08952-w [arXiv:2008.11744 [gr-qc]].

(58) Y. Peng, Eur. Phys. J. C **80**, no.6, 575 (2020) doi:10.1140/epjc/s10052-020-8167-4

(59) R. Ibadov, B. Kleihaus, J. Kunz and S. Murodov, Phys. Rev. D **102**, no.6, 064010 (2020) doi:10.1103/PhysRevD.102.064010 [arXiv:2006.13008 [gr-qc]].

(60) B. Kleihaus, J. Kunz and P. Kanti, Phys. Rev. D **102**, no.2, 024070 (2020) doi:10.1103/PhysRevD.102.024070 [arXiv:2005.07650 [gr-qc]].

(61) Y. Peng, Phys. Lett. B **807**, 135569 (2020) doi:10.1016/j.physletb.2020.135569 [arXiv:2004.12566 [gr-qc]].

(62) A. c. Li, Phys. Rev. D **104**, no.4, 044040 (2021) doi:10.1103/PhysRevD.104.044040 [arXiv:2004.08329 [hep-th]].

(63) A. Bakopoulos, P. Kanti and N. Pappas, Phys. Rev. D **101**, no.8, 084059 (2020) doi:10.1103/PhysRevD.101.0 [arXiv:2003.02473 [hep-th]].

(64) P. Filis, "Spherically Symmetric Solutions in Bi-Metric Gravity," National Technical University of Athens (2020)

(65) Y. Peng, Eur. Phys. J. C **80**, no.3, 202 (2020) doi:10.1140/epjc/s10052-020-7778-0 [arXiv:2002.01892 [gr-qc]].

(66) F. Corelli, "Instability of Schwarzschild Black Holes in Einstein-scalar-Gauss-Bonnet Gravity: Perturbative Approach and Time-Domain Analysis," [arXiv:2112.12048 [gr-qc]].

(67) Y. Peng, Phys. Lett. B **804**, 135372 (2020) doi:10.1016/j.physletb.2020.135372 [arXiv:1912.11989 [gr-qc]].

(68) L. G. Collodel, B. Kleihaus, J. Kunz and E. Berti, Class. Quant. Grav. **37**, no.7, 075018 (2020) doi:10.1088/1361-6382/ab74f9 [arXiv:1912.05382 [gr-qc]].

(69) Y. Brihaye, B. Hartmann, N. P. Aprile and J. Urrestilla, Phys. Rev. D **101**, no.12, 124016 (2020) doi:10.1103/PhysRevD.101.124016 [arXiv:1911.01950 [gr-qc]].

(70) A. Bakopoulos, P. Kanti and N. Pappas, Phys. Rev. D **101**, no.4, 044026 (2020) doi:10.1103/PhysRevD.101.0 [arXiv:1910.14637 [hep-th]].

(71) Y. Peng, JHEP **12**, 064 (2019) doi:10.1007/JHEP12(2019)064 [arXiv:1910.13718 [gr-qc]].

(72) B Cuadros-Melgar, E Adalla, RDB Fontana, J Oliveira, Acta Physica Polonica B: Proceedings Supplement 13 (2), 181-186 (2020)

(73) Y. Brihaye, C. Herdeiro and E. Radu, Phys. Lett. B **802**, 135269 (2020) doi:10.1016/j.physletb.2020.135269 [arXiv:1910.05286 [gr-qc]].

(74) J. Barrientos, F. Cordonier-Tello, C. Corral, F. Izaurieta, P. Medina, E. Rodríguez and O. Valdivia, Phys. Rev. D **100**, no.12, 124039 (2019) doi:10.1103/PhysRevD.100.124039 [arXiv:1910.00148 [gr-qc]].

(75) Y. Brihaye and B. Hartmann, JHEP **09**, 049 (2019) doi:10.1007/JHEP09(2019)049 [arXiv:1903.10471 [gr-qc]].

(76) C. F. B. Macedo, J. Sakstein, E. Berti, L. Gualtieri, H. O. Silva and T. P. Sotiriou, Phys. Rev. D **99**, no.10, 104041 (2019) doi:10.1103/PhysRevD.99.104041 [arXiv:1903.06784 [gr-qc]].

(77) C. A. R. Herdeiro and J. M. S. Oliveira, Class. Quant. Grav. **36**, no.10, 105015 (2019) doi:10.1088/1361-6382/ab1859 [arXiv:1902.07721 [gr-qc]].

(78) Y. Brihaye and B. Hartmann, Phys. Lett. B **792**, 244-250 (2019) doi:10.1016/j.physletb.2019.03.043 [arXiv:1902.05760 [gr-qc]].

(79) P. G. S. Fernandes, C. A. R. Herdeiro, A. M. Pombo, E. Radu and N. Sanchis-Gual, Class. Quant. Grav. **36**, no.13, 134002 (2019) [erratum: Class. Quant. Grav. **37**, no.4, 049501 (2020)] doi:10.1088/1361-6382/ab23a1 [arXiv:1902.05079 [gr-qc]].

(80) C. A. R. Herdeiro and E. Radu, Phys. Rev. D **99**, no.8, 084039 (2019) doi:10.1103/PhysRevD.99.084039 [arXiv:1901.02953 [gr-qc]].

(81) A. Bakopoulos, G. Antoniou and P. Kanti, Phys. Rev. D **99**, no.6, 064003 (2019) doi:10.1103/PhysRevD.99.064003 [arXiv:1812.06941 [hep-th]].

(82) H. O. Silva, C. F. B. Macedo, T. P. Sotiriou, L. Gualtieri, J. Sakstein and E. Berti, Phys. Rev. D **99**, no.6, 064011 (2019) doi:10.1103/PhysRevD.99.064011 [arXiv:1812.05590 [gr-qc]].

(83) M. Minamitsuji and T. Ikeda, Phys. Rev. D **99**, no.4, 044017 (2019) doi:10.1103/PhysRevD.99.044017 [arXiv:1812.03551 [gr-qc]].

(84) Y. Brihaye, C. Herdeiro and E. Radu, Phys. Lett. B **788**, 295-301 (2019) doi:10.1016/j.physletb.2018.11.022 [arXiv:1810.09560 [gr-qc]].

(85) B. H. Lee, W. Lee and D. Ro, Phys. Rev. D **99**, no.2, 024002 (2019) doi:10.1103/PhysRevD.99.024002 [arXiv:1809.05653 [gr-qc]].

A.51. D. D. Doneva, **S. S. Yazadjiev**, N. Stergioulas and K. D. Kokkotas, "Differentially rotating neutron stars in scalar-tensor theories of gravity," Phys. Rev. D **98**, no. 10, 104039 (2018) [arXiv:1807.05449 [gr-qc]].

Забелязани независими цитати:

(1) A. Kuntz and E. Barausse, [arXiv:2403.07980 [gr-qc]].

(2) A. Malik, M. R. Bashir, M. Ahmad, A. Jabeen and M. F. Shamir, Int. J. Geom. Meth. Mod. Phys. **21**, no.05, 2450099 (2024) doi:10.1142/S0219887824500993

(3) A. Malik, T. Naz, F. Mofarreh and A. Shazadi, Int. J. Geom. Meth. Mod. Phys. **21**, no.04, 2450086 (2024) doi:10.1142/S0219887824500865

(4) M. Bandyopadhyay and R. Biswas, Int. J. Geom. Meth. Mod. Phys. **21**, no.05, 2450097 (2024) doi:10.1142/S021988782450097X

(5) P. Bhar, A. Errehymy and S. Ray, Eur. Phys. J. C **83**, no.12, 1151 (2023) doi:10.1140/epjc/s10052-023-12340-x

(6) K. P. Das, U. Debnath, A. Ashraf and M. Khurana, Phys. Dark Univ. **43**, 101398 (2024) doi:10.1016/j.dark.2023.101398

(7) I. Noureen, A. Raza and S. A. Mardan, Eur. Phys. J. C **83**, no.11, 1055 (2023) doi:10.1140/epjc/s10052-023-12214-2

(8) A. Malik, A. Arif and M. F. Shamir, Int. J. Theor. Phys. **62**, no.11, 243 (2023) doi:10.1007/s10773-023-05499-2

(9) D. Bhattacharjee and P. K. Chattopadhyay, Eur. Phys. J. C **84**, no.1, 77 (2024) doi:10.1140/epjc/s10052-024-12449-7 [arXiv:2310.07391 [gr-qc]].

(10) M. Sharif and S. Naz, Mod. Phys. Lett. A **38**, no.26n27, 2350123 (2023) doi:10.1142/S0217732323501237 [arXiv:2310.06877 [gr-qc]].

(11) J. C. N. de Araujo and H. G. M. Fortes, Eur. Phys. J. C **83**, no.12, 1168 (2023) doi:10.1140/epjc/s10052-023-12342-9 [arXiv:2308.00627 [gr-qc]].

(12) S. Munoz, "FeynMG: Automating particle physics calculations in scalar-tensor theories," PhD thesis, University of Nottingham (2023)

(13) A. Banerjee, T. Tangphati and A. Pradhan, Int. J. Mod. Phys. D **32**, no.05, 2350026 (2023) doi:10.1142/S0218271823500268

(14) A. B. Tudeshki, G. H. Bordbar and B. Eslam Panah, Phys. Dark Univ. **42**, 101354 (2023) doi:10.1016/j.dark.2023.101354 [arXiv:2303.04813 [gr-qc]].

(15) T. Kuroda and M. Shibata, Phys. Rev. D **107**, no.10, 103025 (2023) doi:10.1103/PhysRevD.107.103025 [arXiv:2302.09853 [astro-ph.HE]].

(16) M. Bandyopadhyay and R. Biswas, Int. J. Mod. Phys. D **32**, no.03, 2350006 (2023) doi:10.1142/S0218271823500062

(17) A. Siddiqa, G. Abbas, A. Waseem, A. Aleem and H. R. Kausar, Int. J. Geom. Meth. Mod. Phys. **20**, no.04, 2350068 (2023) doi:10.1142/S0219887823500688

(18) F. M. da Silva, L. C. N. Santos, C. E. Mota, T. O. F. da Costa and J. C. Fabris, Eur. Phys. J. C **83**, no.4, 295 (2023) doi:10.1140/epjc/s10052-023-11466-2 [arXiv:2206.08469 [gr-qc]].

(19) J. C. Aurrekoetxea, P. G. Ferreira, K. Clough, E. A. Lim and O. J. Tattersall, Phys. Rev. D **106**, no.10, 104002 (2022) doi:10.1103/PhysRevD.106.104002 [arXiv:2205.15878 [gr-qc]].

(20) J. Soldateschi, "Numerical study of the properties of compact objects in general relativity and scalar-tensor theories," PhD thesis, UNIVERSITA DEGLI STUDI DI FIRENZE (2022)

(21) O. Komoltsev and A. Kurkela, Phys. Rev. Lett. **128**, no.20, 202701 (2022) doi:10.1103/PhysRevLett.128.202 [arXiv:2111.05350 [nucl-th]].

(22) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(23) A. Kozak and A. Wojnar, Eur. Phys. J. C **81**, no.6, 492 (2021) doi:10.1140/epjc/s10052-021-09277-4 [arXiv:2103.06601 [gr-qc]].

(24) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, doi:10.1007/978-3-030-83715-0_22

(25) F. M. da Silva, L. C. N. Santos and C. C. Barros, Class. Quant. Grav. **38**, no.16, 165011 (2021) doi:10.1088/1361-6382/ac129d [arXiv:2010.00086 [astro-ph.HE]].

(26) E.-D. Smyrniotis, "Neutron star models in 4D Gauss-Bonnet gravity constructed with an iterative numerical method," thesis, Aristotle University of Thessaloniki (2021)

(27) R. Rosca-Mead, C. J. Moore, U. Sperhake, M. Agathos and D. Gerosa, Symmetry **12**, no.9, 1384 (2020) doi:10.3390/sym12091384 [arXiv:2007.14429 [gr-qc]].

(28) J. Soldateschi, N. Bucciantini and L. Del Zanna, Astron. Astrophys. **640**, A44 (2020) doi:10.1051/0004-6361/202037918 [arXiv:2005.12758 [astro-ph.HE]].

(29) R. Rosca-Mead, U. Sperhake, C. J. Moore, M. Agathos, D. Gerosa and C. D. Ott, Phys. Rev. D **102**, no.4, 044010 (2020) doi:10.1103/PhysRevD.102.044010 [arXiv:2005.09728 [gr-qc]].

(30) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0 [arXiv:1912.05202 [gr-qc]].

(31) D. Sen, Int. J. Mod. Phys. D **28**, no.09, 1950122 (2019) doi:10.1142/S0218271819501220 [arXiv:2008.06753 [nucl-th]].

(32) P. V. P. Cunha, C. A. R. Herdeiro and E. Radu, Phys. Rev. Lett. **123**, no.1, 011101 (2019) doi:10.1103/PhysRevLett.123.011101 [arXiv:1904.09997 [gr-qc]].

(33) R. Rosca-Mead, C. J. Moore, M. Agathos and U. Sperhake, Class. Quant. Grav. **36**, no.13, 134003 (2019) doi:10.1088/1361-6382/ab256f [arXiv:1903.09704 [gr-qc]].

(34) A. Savaş Arapoğlu, K. Yavuz Ekşi and A. Emrah Yükselci, Phys. Rev. D **99**, no.6, 064055 (2019) doi:10.1103/PhysRevD.99.064055 [arXiv:1903.00391 [gr-qc]].

(35) R. Rosca-Mead, PhD thesis, University of Cambridge (2019)

(36) Z. Rezaei and H. Y. Dezdarani, JCAP **03**, 013 (2019) doi:10.1088/1475-7516/2019/03/013 [arXiv:1811.12090 [astro-ph.HE]].

A.52. L. Barack,...S. Yazadjiev... *et al.*, "Black holes, gravitational waves and fundamental physics: a roadmap," Class. Quant. Grav. **36**, no. 14, 143001 (2019)

[arXiv:1806.05195 [gr-qc]].

Забелязани независими цитати:

(1) F. Thaalba, G. Ventagli and T. P. Sotiriou, [arXiv:2405.10287 [gr-qc]].

(2) K. Kostaros, P. Papadopoulos and G. Pappas, [arXiv:2405.09653 [gr-qc]].

(3) X. Y. Chew and K. G. Lim, Universe **10**, 212 (2024) doi:10.3390/universe10050212 [arXiv:2405.06407 [gr-qc]].

(4) Y. Jiang and W. B. Han, Sci. China Phys. Mech. Astron. **67**, no.7, 270411 (2024) doi:10.1007/s11433-024-2366-5

(5) E. Cannizzaro, T. F. M. Spieksma, V. Cardoso and T. Ikeda, [arXiv:2405.05315 [gr-qc]].

(6) T. Mishima and S. Tomizawa, [arXiv:2405.04231 [gr-qc]].

(7) A. Chowdhury, S. Biswas and S. Chakraborty, [arXiv:2405.04006 [gr-qc]].

(8) B. Gadre, K. Soni, S. Tiwari, A. Ramos-Buades, M. Haney and S. Mitra, [arXiv:2405.04186 [gr-qc]].

(9) O. Yanchyshen and C. Lämmerzahl, [arXiv:2405.01991 [gr-qc]].

(10) F. van Donkelaar, L. Mayer, P. R. Capelo and T. Tamfal, [arXiv:2404.15404 [astro-ph.GA]].

(11) C. Zhang and R. Kase, [arXiv:2404.11910 [gr-qc]].

(12) G. Bertone, Nucl. Phys. B **1003**, 116487 (2024) doi:10.1016/j.nuclphysb.2024.116487 [arXiv:2404.11513 [astro-ph.CO]].

(13) S. Hirano, M. Kimura, M. Yamaguchi and J. Zhang, [arXiv:2404.09672 [gr-qc]].

(14) C. Y. Chen, A. De Felice and S. Tsujikawa, [arXiv:2404.09377 [gr-qc]].

(15) P. Ajith, P. A. Seoane, M. A. Sedda, R. Arcodia, F. Badaracco, E. Belgacem, S. Benetti, A. Bobrick, A. Bonforte and E. Bortolas, *et al.* [arXiv:2404.09181 [gr-qc]].

(16) D. Pedrotti and S. Vagnozzi, [arXiv:2404.07589 [gr-qc]].

(17) C. Y. Chen and H. Y. Pu, [arXiv:2404.07055 [gr-qc]].

(18) V. Cardoso, S. Mukohyama, N. Oshita and K. Takahashi, [arXiv:2404.05790 [gr-qc]].

(19) N. Sukhov, [arXiv:2404.03853 [gr-qc]].

(20) N. Becker, [arXiv:2404.02808 [gr-qc]].

(21) H. Lekbich, N. Parbin, D. J. Gogoi, A. E. Boukili and M. B. Sedra, Eur. Phys. J. C **84**, no.4, 350 (2024) doi:10.1140/epjc/s10052-024-12728-3

(22) X. P. Rao, H. Huang and J. Yang, [arXiv:2403.11770 [gr-qc]].

(23) M. Caruana, G. Farrugia, J. Levi Said and J. Sultana, [arXiv:2403.10240 [gr-qc]].

(24) M. Firrotta, [arXiv:2402.16183 [hep-th]].

(25) M. Garg, A. Derdzinski, S. Tiwari, J. Gair and L. Mayer, [arXiv:2402.14058 [astro-ph.GA]].

(26) T. Zi, Phys. Lett. B **850**, 138538 (2024) doi:10.1016/j.physletb.2024.138538

(27) K. Attard, A. Gualandris, J. I. Read and W. Dehnen, Mon. Not. Roy. Astron. Soc. **529**, no.3, 2150-2161 (2024) doi:10.1093/mnras/stae524 [arXiv:2402.10709 [astro-ph.GA]].

(28) M. Lenzi and C. F. Sopuerta, Phys. Rev. D **109**, no.8, 084030 (2024) doi:10.1103/PhysRevD.109.084030 [arXiv:2402.10004 [gr-qc]].

(29) Z. L. Deng, X. D. Li, Y. Shao and K. Xu, Astrophys. J. **963**, no.2, 80 (2024) doi:10.3847/1538-4357/ad2357 [arXiv:2402.04658 [astro-ph.HE]].

(30) H. Huang, J. Kunz and D. Mitra, JCAP **05**, 007 (2024) doi:10.1088/1475-7516/2024/05/007 [arXiv:2401.15249 [gr-qc]].

(31) M. Oi, "Nonsingular and deformed black holesFundamental aspects and phenomenology," PhD thesis, U. Cagliari (2024)

(32) E. Cannizzaro, "Searching for new physics in the neighborhood of a black hole: fundamental interactions, plasmas and tests of gravity," PhD thesis, U. Rome La Sapienza (2024)

(33) F. Bajardi and D. Blixt, Phys. Rev. D **109**, no.8, 084078 (2024) doi:10.1103/PhysRevD.109.084078 [arXiv:2401.11591 [gr-qc]].

(34) H. Guo, W. L. Qian and B. Wang, [arXiv:2401.09846 [gr-qc]].

(35) A. Issifu and T. Frederico, [arXiv:2401.08551 [hep-ph]].

(36) A. del Río and E. A. Ester, [arXiv:2401.08783 [gr-qc]].

(37) A. Cárdenas-Avendaño and C. F. Sopuerta, [arXiv:2401.08085 [gr-qc]].

(38) P. Marcoccia, "Signal analysis in gravitational wave data,"

(39) N. E. J. Bjerrum-Bohr, L. Planté and P. Vanhove, doi:10.1007/978-981-19-3079-9_3-1

(40) R. Z. Guo, Y. Jiang and Q. G. Huang, JCAP **04**, 053 (2024) doi:10.1088/1475-7516/2024/04/053 [arXiv:2312.16435 [astro-ph.CO]].

(41) P. K. Dahal, S. Maharana, F. Simovic, I. Soranidis and D. R. Terno, [arXiv:2312.16804 [gr-qc]].

(42) C. Jia, [arXiv:2312.16198 [gr-qc]].

(43) J. H. Huang, [arXiv:2312.13659 [gr-qc]].

(44) X. Y. Hu, X. X. Zeng, L. F. Li and P. Xu, [arXiv:2312.13552 [gr-qc]].

(45) J. L. Blázquez-Salcedo, F. S. Khoo, J. Kunz and L. M. González-Romero, Phys. Rev. D **109**, no.6, 064028 (2024) doi:10.1103/PhysRevD.109.064028 [arXiv:2312.10754 [gr-qc]].

(46) T. Y. Sun, C. Y. Xiong, S. J. Jin, Y. X. Wang, J. F. Zhang and X. Zhang, Chin. Phys. C **48**, no.4, 045108 (2024) doi:10.1088/1674-1137/ad2a5f [arXiv:2312.08122 [gr-qc]].

(47) S. S. Bohra, S. Sarkar and A. A. Sen, Phys. Rev. D **109**, no.10, 104021 (2024) doi:10.1103/PhysRevD.109.104 [arXiv:2312.07295 [gr-qc]].

(48) A. Ghoshal, Y. F. Perez-Gonzalez and J. Turner, JHEP **02**, 113 (2024) doi:10.1007/JHEP02(2024)113 [arXiv:2312.06768 [hep-ph]].

(49) Y. Jiang and W. B. Han, [arXiv:2312.04320 [gr-qc]].

(50) A. Casado-Turrión, [arXiv:2312.03757 [gr-qc]].

(51) S. Li, H. Lü, Y. Gao, R. Xu, L. Shao and H. Yu, [arXiv:2312.01406 [gr-qc]].

(52) S. Datta, [arXiv:2312.01277 [gr-qc]].

(53) J. Mei, [arXiv:2311.18409 [gr-qc]].

(54) J. Yang, [arXiv:2311.17523 [gr-qc]].

(55) J. C. Aurrekoetxea, K. Clough, J. Bamber and P. G. Ferreira, [arXiv:2311.18156 [gr-qc]].

(56) J. Boos and C. D. Carone, [arXiv:2311.16319 [gr-qc]].

(57) F. Atteneder, H. R. Rüter, D. Cors, R. Rosca-Mead, D. Hilditch and B. Brügmann, Phys. Rev. D **109**, no.4, 044058 (2024) doi:10.1103/PhysRevD.109.044058 [arXiv:2311.16251 [gr-qc]].

(58) T. Zi and P. C. Li, Phys. Rev. D **109**, no.6, 064089 (2024) doi:10.1103/PhysRevD.109.064089 [arXiv:2311.07279 [gr-qc]].

(59) A. Chowdhuri, A. Bhattacharyya and S. Kumar, JCAP **04**, 001 (2024) doi:10.1088/1475-7516/2024/04/001 [arXiv:2311.05983 [gr-qc]].

(60) N. Caceres, C. Corral, F. Diaz and R. Olea, JHEP **04**, 152 (2024) doi:10.1007/JHEP04(2024)152 [arXiv:2311.04054 [hep-th]].

(61) B. Atkins and G. Tasinato, Phys. Rev. D **108**, no.10, 104070 (2023) doi:10.1103/PhysRevD.108.104070 [arXiv:2311.03860 [gr-qc]].

(62) P. K. Dahal, S. Maharana, F. Simovic and D. R. Terno, [arXiv:2311.02981 [gr-qc]].

(63) M. Adamo and A. Maselli, PoS **QG-MMSchools**, 011 (2024) doi:10.22323/1.440.0011 [arXiv:2311.01911 [gr-qc]].

(64) N. Afshordi *et al.* [LISA Consortium Waveform Working Group], [arXiv:2311.01300 [gr-qc]].

(65) R. Shi, Y. Zhou, T. Zhao, Z. Cao and Z. Ren, Phys. Rev. D **109**, no.8, 084017 (2024) doi:10.1103/PhysRevD.109.084017 [arXiv:2310.20172 [gr-qc]].

(66) T. D. Le, Gen. Rel. Grav. **55**, no.11, 124 (2023) doi:10.1007/s10714-023-03173-w

(67) M. Berbel, M. Miravet-Tenés, S. S. Chaudhary, S. Albanesi, M. Cavaglià, L. M. Zertuche, D. Tseneklidou, Y. Zheng, M. W. Coughlin and A. Toivonen, Class. Quant. Grav. **41**, no.8, 085012 (2024) doi:10.1088/1361-6382/ad3279 [arXiv:2311.00045 [astro-ph.HE]].

(68) S. Zhao, S. Riaz and C. Bambi, Phys. Rev. D **109**, no.6, 064059 (2024) doi:10.1103/PhysRevD.109.064059 [arXiv:2310.18962 [gr-qc]].

(69) H. Tagawa, S. S. Kimura, Z. Haiman, R. Perna and I. Bartos, Astrophys. J. **966**, no.1, 21 (2024) doi:10.3847/1538-4357/ad2e0b [arXiv:2310.18392 [astro-ph.HE]].

(70) S. Chowdhury, [arXiv:2310.17553 [gr-qc]].

(71) H. L. Tamm and J. L. Rosa, Phys. Rev. D **109**, no.4, 044062 (2024) doi:10.1103/PhysRevD.109.044062 [arXiv:2310.12681 [gr-qc]].

(72) R. Briffa, C. Escamilla-Rivera, J. Levi Said and J. Mifsud, Mon. Not. Roy. Astron. Soc. **528**, no.2, 2711-2727 (2024) doi:10.1093/mnras/stae103 [arXiv:2310.09159 [astro-ph.CO]].

(73) I. Soranidis, Phys. Rev. D **109**, no.4, 044041 (2024) doi:10.1103/PhysRevD.109.044041 [arXiv:2310.07228 [gr-qc]].

(74) J. Lestingi, E. Cannizzaro and P. Pani, Phys. Rev. D **109**, no.4, 044052 (2024) doi:10.1103/PhysRevD.109.04 [arXiv:2310.07772 [gr-qc]].

(75) S. K. Jha and A. Rahaman, Nucl. Phys. B **1002**, 116536 (2024) doi:10.1016/j.nuclphysb.2024.116536 [arXiv:2310.06492 [gr-qc]].

(76) S. V. Bolokhov, [arXiv:2310.12326 [gr-qc]].

(77) M. Khalaf and O. Telem, [arXiv:2310.03798 [gr-qc]].

(78) A. Boudon, "Self-interacting scalar field dark matter : From gravitational drag to gravitational wave predictions," PhD Institut de Physique Thйorique - UMR CNRS 3681, France, U. Paris-Saclay, universitй Paris-Saclay (2023)

(79) C. Stelea, M. A. Dariescu and C. Dariescu, Phys. Lett. B **847**, 138275 (2023) doi:10.1016/j.physletb.2023.138 [arXiv:2309.13651 [gr-qc]].

(80) S. M. A. S. Bukhari and L. G. Wang, Phys. Rev. D **109**, no.4, 04 (2024) doi:10.1103/PhysRevD.109.045009 [arXiv:2309.11958 [gr-qc]].

(81) D. Demir, K. Gabriel, A. Kasem and S. Khalil, Phys. Dark Univ. **42**, 101336 (2023) doi:10.1016/j.dark.2023.101336 [arXiv:2309.11694 [gr-qc]].

(82) F. Serra, "Black Holes through the lenses of Effective Field Theory," doi:10.25429/serra-francesco_phd2023-09-13

(83) J. Mazza, "Into the Heart of Darkness: Theory and Phenomenology of Regular Black Holes,"

(84) S. D. Upton, Phys. Rev. D **109**, no.4, 044021 (2024) doi:10.1103/PhysRevD.109.044021 [arXiv:2309.03778 [gr-qc]].

(85) C. T. Lu, J. Tu and L. Wu, Phys. Rev. D **109**, no.1, 015018 (2024) doi:10.1103/PhysRevD.109.015018 [arXiv:2309.00271 [hep-ph]].

(86) D. Perrone, T. Barreira, A. Kehagias and A. Riotto, Nucl. Phys. B **999**, 116432 (2024) doi:10.1016/j.nuclphysb.2023.116432 [arXiv:2308.15886 [gr-qc]].

(87) K. Destounis and F. Duque, [arXiv:2308.16227 [gr-qc]].

(88) Y. Zhao, B. Sun, Z. Cao, K. Lin and W. L. Qian, Phys. Rev. D **109**, no.4, 044031 (2024) doi:10.1103/PhysRevD.109.044031 [arXiv:2308.15371 [gr-qc]].

(89) A. Simpson, "Dark Matter as a Consequence of Catastrogenesis,"

(90) J. Redondo-Yuste, G. Carullo, J. L. Ripley, E. Berti and V. Cardoso, [arXiv:2308.14796 [gr-qc]].

(91) Y. Gong, Z. Cao, J. Zhao and L. Shao, Phys. Rev. D **108**, no.6, 064046 (2023) doi:10.1103/PhysRevD.108.064 [arXiv:2308.13690 [astro-ph.HE]].

(92) Z. Malik, [arXiv:2308.10412 [gr-qc]].

(93) J. C. Aurrekoetxea, J. Bamber, S. E. Brady, K. Clough, T. Helfer, J. Marsden, M. Radia, D. Traykova and Z. Wang, J. Open Source Softw. **9**, no.96, 5956 (2024) doi:10.21105/joss.05956 [arXiv:2308.08299 [gr-qc]].

(94) F. Duque, [arXiv:2308.03850 [gr-qc]].

(95) M. Minamitsuji and K. i. Maeda, Phys. Rev. D **108**, no.8, 084061 (2023) doi:10.1103/PhysRevD.108.084061 [arXiv:2308.01082 [gr-qc]].

(96) P. Saini and N. V. Krishnendu, Phys. Rev. D **109**, no.2, 024009 (2024) doi:10.1103/PhysRevD.109.024009 [arXiv:2308.01309 [gr-qc]].

(97) Y. Chen, X. Xue and V. Cardoso, [arXiv:2308.00741 [hep-ph]].

(98) V. Witzany and G. A. Piovano, Phys. Rev. Lett. **132**, no.17, 171401 (2024) doi:10.1103/PhysRevLett.132.17 [arXiv:2308.00021 [gr-qc]].

(99) R. Brito and S. Shah, Phys. Rev. D **108**, no.8, 084019 (2023) doi:10.1103/PhysRevD.108.084019 [arXiv:2307.16093 [gr-qc]].

(100) C. Chen and J. Jing, JCAP **11**, 070 (2023) doi:10.1088/1475-7516/2023/11/070 [arXiv:2307.14616 [gr-qc]].

(101) X. Y. Chew and K. G. Lim, Phys. Rev. D **109**, no.6, 064039 (2024) doi:10.1103/PhysRevD.109.064039 [arXiv:2307.13972 [gr-qc]].

(102) M. Garg, S. Tiwari, A. Derdzinski, J. G. Baker, S. Marsat and L. Mayer, Mon. Not. Roy. Astron. Soc. **528**, no.3, 4176-4187 (2024) doi:10.1093/mnras/stad3477 [arXiv:2307.13367 [astro-ph.GA]].

(103) M. Herrero-Valea, Eur. Phys. J. Plus **138**, no.11, 968 (2023) doi:10.1140/epjp/s13360-023-04593-y [arXiv:2307.13039 [gr-qc]].

(104) A. Courty, K. Destounis and P. Pani, Phys. Rev. D **108**, no.10, 104027 (2023) doi:10.1103/PhysRevD.108.104 [arXiv:2307.11155 [gr-qc]].

(105) P. A. Cano, K. Fransen, T. Hertog and S. Maenaut, Phys. Rev. D **108**, no.12, 124032 (2023) doi:10.1103/PhysRevD.108.124032 [arXiv:2307.07431 [gr-qc]].

(106) M. Çalışkan, N. Anil Kumar, L. Ji, J. M. Ezquiaga, R. Cotesta, E. Berti and M. Kamionkowski, Phys. Rev. D **108**, no.12, 123543 (2023) doi:10.1103/PhysRevD.108.123543 [arXiv:2307.06990 [astro-ph.CO]].

(107) A. De Felice and S. Tsujikawa, JCAP **10**, 004 (2023) doi:10.1088/1475-7516/2023/10/004 [arXiv:2307.06490 [gr-qc]].

(108) M. Mould, "Gravitational-wave source dynamics and population inference," PhD thesis, University of Birmingham (2023)

(109) G. Bozzola, "Electromagnetic Fields and Radiation in Dynamical Spacetimes," PhD thesis, Arizona U. (2023)

(110) C. Y. Shao, Y. Hu and C. G. Shao, Chin. Phys. C **47**, no.10, 105101 (2023) doi:10.1088/1674-1137/ace522 [arXiv:2307.02084 [gr-qc]].

(111) Z. Zhong, V. Cardoso, T. Ikeda and M. Zilhão, Phys. Rev. D **108**, no.8, 8 (2023) doi:10.1103/PhysRevD.108.084051 [arXiv:2307.02548 [gr-qc]].

(112) T. Adamo, A. Cristofoli, A. Ilderton and S. Klisch, Class. Quant. Grav. **41**, no.6, 065006 (2024) doi:10.1088/1361-6382/ad210f [arXiv:2307.00431 [hep-th]].

(113) B. Leather and N. Warburton, Phys. Rev. D **108**, no.8, 084045 (2023) doi:10.1103/PhysRevD.108.084045 [arXiv:2306.17221 [gr-qc]].

(114) P. Di Vecchia, C. Heissenberg, R. Russo and G. Veneziano, [arXiv:2306.16488 [hep-th]].

(115) L. Aresté Saló, K. Clough and P. Figueras, Phys. Rev. D **108**, no.8, 084018 (2023) doi:10.1103/PhysRevD.108.084018 [arXiv:2306.14966 [gr-qc]].

(116) J. Janquart, "From Einstein to Einstein Telescope: From Testing Predictions to Addressing Future Challenges," PhD thesis, Utrecht U. (2023)

(117) C. Munna, C. R. Evans and E. Forseth, Phys. Rev. D **108**, no.4, 044039 (2023) doi:10.1103/PhysRevD.108.04 [arXiv:2306.12481 [gr-qc]].

(118) A. Zimmerman, R. N. George and Y. Chen, [arXiv:2306.11166 [gr-qc]].

(119) J. Nicoules, "Numerical evolutions in General Relativity: Application to the Schwarzschild black hole and Teukolsky gravitational waves," tel-04310626.

(120) H. Xu and S. Y. Zhou, JCAP **11**, 076 (2023) doi:10.1088/1475-7516/2023/11/076 [arXiv:2306.06639 [hep-th]].

(121) A. Held and H. Lim, Phys. Rev. D **108**, no.10, 104025 (2023) doi:10.1103/PhysRevD.108.104025 [arXiv:2306.04725 [gr-qc]].

(122) F. Pretorius, [arXiv:2306.03797 [gr-qc]].

(123) S. Libanore, M. Liguori and A. Raccanelli, JCAP **08**, 055 (2023) doi:10.1088/1475-7516/2023/08/055 [arXiv:2306.03087 [astro-ph.CO]].

(124) K. Destounis and K. D. Kokkotas, Gen. Rel. Grav. **55**, no.11, 123 (2023) doi:10.1007/s10714-023-03170-z [arXiv:2305.18522 [gr-qc]].

(125) L. Pierini, "Quasinormal modes of black holes in Einstein-dilaton Gauss-Bonnet gravity," PhD thesis, Rome U. (2023)

(126) M. Vaglio, "Modelling and phenomenology of boson stars as gravitational sources for future ground- and space-based interferometers," PhD thesis, Rome U. (2023)

(127) K. Nozari and S. Saghafi, Eur. Phys. J. C **83**, no.7, 588 (2023) doi:10.1140/epjc/s10052-023-11755-w [arXiv:2305.17237 [gr-qc]].

(128) P. Beltracchi and C. Posada, Class. Quant. Grav. **41**, no.4, 045001 (2024) doi:10.1088/1361-6382/ad1a52 [arXiv:2305.09544 [gr-qc]].

(129) M. A. Krasnov and V. V. Nikulin, Particles **6**, no.2, 580-594 (2023) doi:10.3390/particles6020033

(130) C. Richards, A. Dima and H. Witek, Phys. Rev. D **108**, no.4, 044078 (2023) doi:10.1103/PhysRevD.108.0440 [arXiv:2305.07704 [gr-qc]].

(131) M. Minamitsuji and S. Mukohyama, Phys. Rev. D **108**, no.2, 024029 (2023) doi:10.1103/PhysRevD.108.0240 [arXiv:2305.05185 [gr-qc]].

(132) H. Guo, C. Zhang, Y. Liu, R. H. Yue, Y. Gong and B. Wang, [arXiv:2305.00652 [gr-qc]].

(133) Y. Shvartzvald, E. Waxman, A. Gal-Yam, E. O. Ofek, S. Ben-Ami, D. Berge, M. Kowalski, R. Bühler, S. Worm and J. E. Rhoads, *et al.* Astrophys. J. **964**, no.1, 74 (2024) doi:10.3847/1538-4357/ad2704 [arXiv:2304.14482 [astro-ph.IM]].

(134) P. K. Dahal and F. Simovic, [arXiv:2304.11833 [gr-qc]].

(135) H. Wang, I. Harry, A. Nitz and Y. M. Hu, Phys. Rev. D **109**, no.6, 063029 (2024) doi:10.1103/PhysRevD.109.063029 [arXiv:2304.10340 [astro-ph.HE]].

(136) İ. Özbakır and K. Yakut, [arXiv:2304.09396 [astro-ph.HE]].

(137) R. C. Bernardo and K. W. Ng, JCAP **08**, 028 (2023) doi:10.1088/1475-7516/2023/08/028 [arXiv:2304.07040 [gr-qc]].

(138) T. Katagiri, H. Nakano and K. Omukai, Phys. Rev. D **108**, no.8, 084049 (2023) doi:10.1103/PhysRevD.108.0 [arXiv:2304.04551 [gr-qc]].

(139) P. K. Dahal, F. Simovic, I. Soranidis and D. R. Terno, Phys. Rev. D **108**, no.10, 104014 (2023) doi:10.1103/PhysRevD.108.104014 [arXiv:2303.15793 [gr-qc]].

(140) R. Briffa, C. Escamilla-Rivera, J. Levi Said and J. Mifsud, Mon. Not. Roy. Astron. Soc. **522**, no.4, 6024-6034 (2023) doi:10.1093/mnras/stad1384 [arXiv:2303.13840 [gr-qc]].

(141) K. Aoki and S. Tsujikawa, Phys. Lett. B **843**, 138022 (2023) doi:10.1016/j.physletb.2023.138022 [arXiv:2303.13717 [gr-qc]].

(142) I. Bah and P. Heidmann, Phys. Rev. D **109**, no.6, 066014 (2024) doi:10.1103/PhysRevD.109.066014 [arXiv:2303.10186 [hep-th]].

(143) Y. Zhao, B. Sun, K. Lin and Z. Cao, Phys. Rev. D **108**, no.2, 024070 (2023) doi:10.1103/PhysRevD.108.0240 [arXiv:2303.09215 [gr-qc]].

(144) A. Sunny, S. Xavier and S. Shankaranarayanan, [arXiv:2303.04684 [gr-qc]].

(145) E. S. Demirboğa, Y. E. Şahin and F. M. Ramazanoğlu, Phys. Rev. D **108**, no.2, 024028 (2023) doi:10.1103/PhysRevD.108.024028 [arXiv:2303.01910 [gr-qc]].

(146) T. Klinger, "Analytic initial conditions and verifying parameter estimation for black hole binaries," thesis CARDIFF UNIVERSITY (2023)

(147) M. Vaglio, C. Pacilio, A. Maselli and P. Pani, Phys. Rev. D **108**, no.2, 023021 (2023) doi:10.1103/PhysRevD.108.023021 [arXiv:2302.13954 [gr-qc]].

(148) T. Cai, H. Huang, Z. Wang and M. Zhu, Phys. Rev. D **108**, no.2, 023004 (2023) doi:10.1103/PhysRevD.108.023004 [arXiv:2302.13704 [gr-qc]].

(149) J. L. Rosa, Phys. Rev. D **107**, no.8, 084048 (2023) doi:10.1103/PhysRevD.107.084048 [arXiv:2302.11915 [gr-qc]].

(150) A. R. Akbarieh, M. Khoshragbaf and M. Atazadeh, [arXiv:2302.02784 [gr-qc]].

(151) Y. Huang, "Systematic and Statistical Uncertainties in the Characterization of Gravitational-Wave Sources," PhD thesis, Massachusetts Institute of Technology (2023)

(152) S. Gasparotto, R. Vicente, D. Blas, A. C. Jenkins and E. Barausse, Phys. Rev. D **107**, no.12, 124033 (2023) doi:10.1103/PhysRevD.107.124033 [arXiv:2301.13228 [gr-qc]].

(153) S. Jana and S. Shankaranarayanan, Phys. Rev. D **108**, no.2, 024044 (2023) doi:10.1103/PhysRevD.108.02404 [arXiv:2301.11772 [gr-qc]].

(154) H. S. Vieira, K. Destounis and K. D. Kokkotas, Phys. Rev. D **107**, no.10, 104038 (2023) doi:10.1103/PhysRevD.107.104038 [arXiv:2301.11480 [gr-qc]].

(155) D. Trestini and L. Blanchet, Phys. Rev. D **107**, no.10, 104048 (2023) doi:10.1103/PhysRevD.107.104048 [arXiv:2301.09395 [gr-qc]].

(156) K. A. Çokluk, K. Yakut and B. Giacomazzo, doi:10.1093/mnras/stad3752 [arXiv:2301.09635 [astro-ph.HE]].

(157) M. R. Radia, "Numerical modelling of gravitational wave sources in general relativity," doi:10.17863/CAM.98056

(158) N. Dai, Y. Gong, Y. Zhao and T. Jiang, [arXiv:2301.05088 [gr-qc]].

(159) S. Xavier, J. Mathew and S. Shankaranarayanan, doi:10.1142/9789811269776_0105

(160) J. Bamber, "Fundamental physics with black holes and scalar fields," PhD thesis, University of Oxford (2023)

(161) R. T. Cavalcanti and J. M. H. da Silva, Universe **9**, no.1, 23 (2022) doi:10.3390/universe9010023 [arXiv:2301.00319 [gr-qc]].

(162) K. Rajeev and S. Shankaranarayanan, Phys. Rev. D **108**, no.2, 2 (2023) doi:10.1103/PhysRevD.108.024033 [arXiv:2212.10486 [gr-qc]].

(163) N. E. J. Bjerrum-Bohr, L. Planté and P. Vanhove, [arXiv:2212.08957 [hep-th]].

(164) K. Aoki and M. Minamitsuji, Phys. Rev. D **107**, no.4, 044045 (2023) doi:10.1103/PhysRevD.107.044045 [arXiv:2212.07659 [gr-qc]].

(165) P. T. H. Pang and A. G. Physics, "From spacetime to nucleus - Probing nuclear physics and testing general relativity,"

(166) Y. d. Guo, S. s. Bao and H. Zhang, Phys. Rev. D **107**, no.7, 075009 (2023) doi:10.1103/PhysRevD.107.075009 [arXiv:2212.07186 [gr-qc]].

(167) M. Bianchi and G. Di Russo, JHEP **08**, 217 (2023) doi:10.1007/JHEP08(2023)217 [arXiv:2212.07504 [hep-th]].

(168) D. Racco and D. Poletti, JCAP **04**, 054 (2023) doi:10.1088/1475-7516/2023/04/054 [arXiv:2212.06602 [astro-ph.CO]].

(169) M. Lenzi and C. F. Sopuerta, Phys. Rev. D **107**, no.4, 044010 (2023) doi:10.1103/PhysRevD.107.044010 [arXiv:2212.03732 [gr-qc]].

(170) S. Barsanti, A. Maselli, T. P. Sotiriou and L. Gualtieri, Phys. Rev. Lett. **131**, no.5, 051401 (2023) doi:10.1103/PhysRevLett.131.051401 [arXiv:2212.03888 [gr-qc]].

(171) L. Sellers, A. Bobrick, G. Martire, M. Andrews and M. Paulini, [arXiv:2212.02065 [astro-ph.IM]].

(172) M. Rahman, S. Kumar and A. Bhattacharyya, JCAP **01**, 046 (2023) doi:10.1088/1475-7516/2023/01/046 [arXiv:2212.01404 [gr-qc]].

(173) S. D. Upton, "Second-order gravitational self-force in a highly regular gauge," doi:10.5258/soton/t0057

(174) K. Gao, L. H. Liu and M. Zhu, Phys. Dark Univ. **41**, 101254 (2023) doi:10.1016/j.dark.2023.101254 [arXiv:2211.17065 [gr-qc]].

(175) Y. Zhao, B. Sun, Z. F. Mai and Z. Cao, [arXiv:2212.00747 [gr-qc]].

(176) S. Banerjee, S. Bera and D. F. Mota, JCAP **03**, 041 (2023) doi:10.1088/1475-7516/2023/03/041 [arXiv:2211.13988 [gr-qc]].

(177) S. Mishra and U. A. Yajnik, JCAP **05**, 038 (2023) doi:10.1088/1475-7516/2023/05/038 [arXiv:2211.11980 [astro-ph.CO]].

(178) A. H. K. R, J. L. Ripley and N. Yunes, Phys. Rev. D **107**, no.4, 044044 (2023) doi:10.1103/PhysRevD.107.044 [arXiv:2211.08477 [gr-qc]].

(179) A. Chrysostomou, A. Cornell, A. Deandrea, É. Ligout and D. Tsimpis, Eur. Phys. J. C **83**, no.4, 325 (2023) doi:10.1140/epjc/s10052-023-11496-w [arXiv:2211.08489 [gr-qc]].

(180) A. Escrivà, F. Kuhnel and Y. Tada, [arXiv:2211.05767 [astro-ph.CO]].

(181) F. Thaalba, G. Antoniou and T. P. Sotiriou, Class. Quant. Grav. **40**, no.15, 155002 (2023) doi:10.1088/1361-6382/acdd42 [arXiv:2211.05099 [gr-qc]].

(182) J. C. Feng, S. Chakraborty and V. Cardoso, Phys. Rev. D **107**, no.4, 044050 (2023) doi:10.1103/PhysRevD.107.044050 [arXiv:2211.05261 [gr-qc]].

(183) A. Akil, M. Cadoni, L. Modesto, M. Oi and A. P. Sanna, Phys. Rev. D **108**, no.4, 044051 (2023) doi:10.1103/PhysRevD.108.044051 [arXiv:2211.01657 [gr-qc]].

(184) D. Pereñíguez Rodríguez, "Classical and Stringy Properties of Black Holes,"

(185) G. Antoniou, A. Papageorgiou and P. Kanti, Universe **9**, no.3, 147 (2023) doi:10.3390/universe9030147 [arXiv:2210.17533 [gr-qc]].

(186) R. Nakarachinda, S. Panpanich, S. Tsujikawa and P. Wongjun, Phys. Rev. D **107**, no.4, 043512 (2023) doi:10.1103/PhysRevD.107.043512 [arXiv:2210.16983 [gr-qc]].

(187) C. Heissenberg, Phys. Rev. Lett. **131**, no.1, 011603 (2023) doi:10.1103/PhysRevLett.131.011603 [arXiv:2210.15689 [hep-th]].

(188) T. Di Matteo, Y. Ni, N. Chen, R. Croft, S. Bird, F. Pacucci, A. Ricarte and M. Tremmel, [arXiv:2210.14960 [astro-ph.GA]].

(189) J. Bamber, J. C. Aurrekoetxea, K. Clough and P. G. Ferreira, Phys. Rev. D **107**, no.2, 024035 (2023) doi:10.1103/PhysRevD.107.024035 [arXiv:2210.09254 [gr-qc]].

(190) D. G. A. Duniya, A. Abebe, A. de la Cruz-Dombriz and P. K. S. Dunsby, Mon. Not. Roy. Astron. Soc. **518**, no.4, 6102-6113 (2022) doi:10.1093/mnras/stac3538 [arXiv:2210.09303 [astro-ph.CO]].

(191) K. Destounis, A. Kulathingal, K. D. Kokkotas and G. O. Papadopoulos, Phys. Rev. D **107**, no.8, 084027 (2023) doi:10.1103/PhysRevD.107.084027 [arXiv:2210.09357 [gr-qc]].

(192) T. Harada, T. Igata, H. Saida and Y. Takamori, Int. J. Mod. Phys. D **32**, no.15, 2350098 (2023) doi:10.1142/S0218271823500980 [arXiv:2210.07516 [gr-qc]].

(193) S. Bahamonde, J. Chevrier and J. Gigante Valcarcel, JCAP **02**, 018 (2023) doi:10.1088/1475-7516/2023/02/018 [arXiv:2210.05998 [gr-qc]].

(194) S. Murk, Int. J. Mod. Phys. D **32**, no.14, 2342012 (2023) doi:10.1142/S0218271823420129 [arXiv:2210.03750 [gr-qc]].

(195) L. Gondán, doi:10.1093/mnras/stac3612 [arXiv:2210.02975 [astro-ph.HE]].

(196) D. Sweeney, P. Tuthill, S. Sharma and R. Hirai, Mon. Not. Roy. Astron. Soc. **516**, no.4, 4971-4979 (2022) doi:10.1093/mnras/stac2092 [arXiv:2210.04241 [astro-ph.GA]].

(197) V. Cardoso, K. Destounis, F. Duque, R. Panosso Macedo and A. Maselli, Phys. Rev. Lett. **129**, no.24, 241103 (2022) doi:10.1103/PhysRevLett.129.241103 [arXiv:2210.01133 [gr-qc]].

(198) R. Croft, "Numerical Modelling of the Dynamics and Gravitational Radiation of Compact Binaries in General Relativity," doi:10.17863/CAM.97150

(199) G. Baltus, "A machine learning approach to the search for gravitational waves emitted by light systems," PhD thesis, Liege U. (2022)

(200) M. Maria, PhD thesis, PhD thesis, Saclay (2022) .

(201) Y. Higashino and S. Tsujikawa, Phys. Rev. D **107**, no.4, 044003 (2023) doi:10.1103/PhysRevD.107.044003 [arXiv:2209.13749 [gr-qc]].

(202) V. Cardoso, D. Hilditch, K. Marouda, J. Natário and U. Sperhake, Class. Quant. Grav. **40**, no.6, 065008 (2023) doi:10.1088/1361-6382/acb9cd [arXiv:2209.12589 [gr-qc]].

(203) V. Boyanov, K. Destounis, R. Panosso Macedo, V. Cardoso and J. L. Jaramillo, Phys. Rev. D **107**, no.6, 064012 (2023) doi:10.1103/PhysRevD.107.064012 [arXiv:2209.12950 [gr-qc]].

(204) R. X. Adhikari, L. A. Anchordoqui, K. Fang, B. S. Sathyaprakash, K. Tollefson, T. R. Lewis, K. Engel, A. Aboubrahim, O. Akarsu and Y. Akrami, *et al.* [arXiv:2209.11726 [hep-ph]].

(205) S. H. Völkel, N. Franchini, E. Barausse and E. Berti, Phys. Rev. D **106**, no.12, 124036 (2022) doi:10.1103/PhysRevD.106.124036 [arXiv:2209.10564 [gr-qc]].

(206) D. Pereñíguez , PhD thesis, PhD thesis, Universidad Autonoma de Madrid (2022)

(207) N. Karnesis, N. Stergioulas, G. Pappas, C. Anastopoulos, J. Antoniadis, T. Apostolatos, S. Basilakos, K. Destounis, A. Eleni and G. Lukes-Gerakopoulos, *et al.* [arXiv:2209.04358 [gr-qc]].

(208) L. Zwick, P. R. Capelo and L. Mayer, Mon. Not. Roy. Astron. Soc. **521**, no.3, 4645-4651 (2023) doi:10.1093/mnras/stad707 [arXiv:2209.04060 [gr-qc]].

(209) A. Held and J. Zhang, Phys. Rev. D **107**, no.6, 064060 (2023) doi:10.1103/PhysRevD.107.064060 [arXiv:2209.01867 [gr-qc]].

(210) L. Aresté Saló, K. Clough and P. Figueras, Phys. Rev. Lett. **129**, no.26, 261104 (2022) doi:10.1103/PhysRevLett.129.261104 [arXiv:2208.14470 [gr-qc]].

(211) S. Das, S. Shankaranarayanan and V. Todorinov, Phys. Lett. B **835**, 137511 (2022) doi:10.1016/j.physletb.2022.137511 [arXiv:2208.11095 [gr-qc]].

(212) P. Vanhove, Phil. Trans. Roy. Soc. Lond. A **380**, no.2230, 20210181 (2022) doi:10.1098/rsta.2021.0181

(213) M. Minamitsuji and S. Tsujikawa, Phys. Lett. B **840**, 137869 (2023) doi:10.1016/j.physletb.2023.137869 [arXiv:2208.08107 [gr-qc]].

(214) M. H. Y. Cheung, V. Baibhav, E. Berti, V. Cardoso, G. Carullo, R. Cotesta, W. Del Pozzo, F. Duque, T. Helfer and E. Shukla, *et al.* Phys. Rev. Lett. **130**, no.8, 8 (2023) doi:10.1103/PhysRevLett.130.081401 [arXiv:2208.07374 [gr-qc]].

(215) A. Biswas, Gen. Rel. Grav. **54**, no.12, 161 (2022) doi:10.1007/s10714-022-03047-7 [arXiv:2208.02290 [gr-qc]].

(216) R. Carballo-Rubio, V. Cardoso and Z. Younsi, Phys. Rev. D **106**, no.8, 084038 (2022) doi:10.1103/PhysRevD.106.084038 [arXiv:2208.00704 [gr-qc]].

(217) P. V. P. Cunha, C. Herdeiro, E. Radu and N. Sanchis-Gual, Phys. Rev. Lett. **130**, no.6, 061401 (2023) doi:10.1103/PhysRevLett.130.061401 [arXiv:2207.13713 [gr-qc]].

(218) N. Gaddam and N. Groenenboom, [arXiv:2207.11277 [hep-th]].

(219) V. De Luca, doi:10.13097/archive-ouverte/unige:162100 [arXiv:2207.08638 [astro-ph.CO]].

(220) P. S. Cole, A. Coogan, B. J. Kavanagh and G. Bertone, Phys. Rev. D **107**, no.8, 083006 (2023) doi:10.1103/PhysRevD.107.083006 [arXiv:2207.07576 [astro-ph.CO]].

(221) D. S. Meng, C. Yuan and Q. g. Huang, Phys. Rev. D **106**, no.6, 063508 (2022) doi:10.1103/PhysRevD.106.063 [arXiv:2207.07668 [astro-ph.CO]].

(222) G. B. Gelmini, A. Simpson and E. Vitagliano, JCAP **02**, 031 (2023) doi:10.1088/1475-7516/2023/02/031 [arXiv:2207.07126 [hep-ph]].

(223) R. Luna, G. Bozzola, V. Cardoso, V. Paschalidis and M. Zilhão, Phys. Rev. D **106**, no.8, 084017 (2022) doi:10.1103/PhysRevD.106.084017 [arXiv:2207.06429 [gr-qc]].

(224) N. Sanchis-Gual, M. Zilhão and V. Cardoso, Phys. Rev. D **106**, no.6, 064034 (2022) doi:10.1103/PhysRevD.106.064034 [arXiv:2207.05494 [gr-qc]].

(225) I. J. Araya, N. D. Padilla, M. E. Rubio, J. Sureda, J. Magaña and L. Osorio, JCAP **02**, 030 (2023) doi:10.1088/1475-7516/2023/02/030 [arXiv:2207.05829 [astro-ph.CO]].

(226) W. D. Goldberger, [arXiv:2206.14249 [hep-th]].

(227) K. Aoki and M. Minamitsuji, Phys. Rev. D **106**, no.8, 084022 (2022) doi:10.1103/PhysRevD.106.084022 [arXiv:2206.14320 [gr-qc]].

(228) M. Chruślińska, Annalen Phys. **536**, no.2, 2200170 (2024) doi:10.1002/andp.202200170 [arXiv:2206.10622 [astro-ph.GA]].

(229) M. Khodadi and G. Lambiase, Phys. Rev. D **106**, no.10, 104050 (2022) doi:10.1103/PhysRevD.106.104050 [arXiv:2206.08601 [gr-qc]].

(230) K. Destounis, G. Mascher and K. D. Kokkotas, Phys. Rev. D **105**, no.12, 124058 (2022) doi:10.1103/PhysRevD.105.124058 [arXiv:2206.07794 [gr-qc]].

(231) W. K. Luo, C. Y. Zhang, P. Liu, C. Niu and B. Wang, Phys. Rev. D **106**, no.6, 064036 (2022) doi:10.1103/PhysRevD.106.064036 [arXiv:2206.05690 [gr-qc]].

(232) D. Batic, J. M. Faraji, M. Nowakowski and N. M. Baracaldo, Sci. Rep. **12**, no.1, 9688 (2022) doi:10.1038/s41598-022-13915-6 [arXiv:2206.07603 [gr-qc]].

(233) M. Garg, A. Derdzinski, L. Zwick, P. R. Capelo and L. Mayer, doi:10.1093/mnras/stac2711 [arXiv:2206.05292 [astro-ph.GA]].

(234) B. Das, S. Dey, S. Das and B. C. Paul, Eur. Phys. J. C **82**, no.6, 519 (2022) doi:10.1140/epjc/s10052-022-10483-x

(235) D. Baumann, G. Bertone, J. Stout and G. M. Tomaselli, Phys. Rev. Lett. **128**, no.22, 221102 (2022) doi:10.1103/PhysRevLett.128.221102 [arXiv:2206.01212 [gr-qc]].

(236) V. Cardoso, T. Ikeda, Z. Zhong and M. Zilhão, Phys. Rev. D **106**, no.4, 044030 (2022) doi:10.1103/PhysRevD.106.044030 [arXiv:2206.00021 [gr-qc]].

(237) J. L. Rosa, P. Garcia, F. H. Vincent and V. Cardoso, Phys. Rev. D **106**, no.4, 044031 (2022) doi:10.1103/PhysRevD.106.044031 [arXiv:2205.11541 [gr-qc]].

(238) G. A. Piovano, "Spinning compact objects in extreme-mass-ratio inspirals," PhD thesis, Rome U. (2022)

(239) S. Tsujikawa, Phys. Lett. B **833**, 137329 (2022) doi:10.1016/j.physletb.2022.137329 [arXiv:2205.09932 [gr-qc]].

(240) E. Berti, V. Cardoso, M. H. Y. Cheung, F. Di Filippo, F. Duque, P. Martens and S. Mukohyama, Phys. Rev. D **106**, no.8, 084011 (2022) doi:10.1103/PhysRevD.106.084011 [arXiv:2205.08547 [gr-qc]].

(241) Y. Yang, D. Liu, A. Övgün, Z. W. Long and Z. Xu, [arXiv:2205.07530 [gr-qc]].

(242) S. Vagnozzi, R. Roy, Y. D. Tsai, L. Visinelli, M. Afrin, A. Allahyari, P. Bambhaniya, D. Dey, S. G. Ghosh and P. S. Joshi, *et al.* Class. Quant. Grav. **40**, no.16, 165007 (2023) doi:10.1088/1361-6382/acd97b [arXiv:2205.07787 [gr-qc]].

(243) Y. Chen, R. Roy, S. Vagnozzi and L. Visinelli, Phys. Rev. D **106**, no.4, 043021 (2022) doi:10.1103/PhysRevD.106.043021 [arXiv:2205.06238 [astro-ph.HE]].

(244) G. Tasinato, Phys. Rev. D **106**, no.4, 044022 (2022) doi:10.1103/PhysRevD.106.044022 [arXiv:2205.05311 [gr-qc]].

(245) S. Libanore, "The importance of clustering analysis in future Gravitational Wave surveys,"

(246) T. Liu, Y. Wang and W. Zhao, Phys. Rev. D **108**, no.2, 024006 (2023) doi:10.1103/PhysRevD.108.024006 [arXiv:2205.03704 [gr-qc]].

(247) C. Y. Chen, H. W. Chiang and J. S. Tsao, Phys. Rev. D **106**, no.4, 044068 (2022) doi:10.1103/PhysRevD.106.044068 [arXiv:2205.02433 [gr-qc]].

(248) M. Minamitsuji, K. Takahashi and S. Tsujikawa, Phys. Rev. D **106**, no.4, 044003 (2022) doi:10.1103/PhysRevD.106.044003 [arXiv:2204.13837 [gr-qc]].

(249) J. L. Rosa and D. Rubiera-Garcia, Phys. Rev. D **106**, no.8, 084004 (2022) doi:10.1103/PhysRevD.106.084004 [arXiv:2204.12949 [gr-qc]].

(250) E. Contreras and Z. Stuchlik, Eur. Phys. J. C **82**, no.4, 365 (2022) doi:10.1140/epjc/s10052-022-10350-9

(251) R. Deb, P. Mandal and B. C. Paul, Eur. Phys. J. Plus **137**, no.4, 481 (2022) doi:10.1140/epjp/s13360-022-02685-9

(252) C. Gomes and K. Ourabah, Eur. Phys. J. C **83**, no.1, 40 (2023) doi:10.1140/epjc/s10052-023-11184-9 [arXiv:2204.07871 [gr-qc]].

(253) S. Shankaranarayanan and J. P. Johnson, Gen. Rel. Grav. **54**, no.5, 44 (2022) doi:10.1007/s10714-022-02927-2 [arXiv:2204.06533 [gr-qc]].

(254) S. Mougiakakos, M. M. Riva and F. Vernizzi, Phys. Rev. Lett. **129**, no.12, 121101 (2022) doi:10.1103/PhysRevLett.129.121101 [arXiv:2204.06556 [hep-th]].

(255) A. Buonanno, M. Khalil, D. O'Connell, R. Roiban, M. P. Solon and M. Zeng, [arXiv:2204.05194 [hep-th]].

(256) V. Cardoso and F. Duque, Phys. Rev. D **105**, no.10, 104023 (2022) doi:10.1103/PhysRevD.105.104023 [arXiv:2204.05315 [gr-qc]].

(257) C. Yuan, Y. Jiang and Q. G. Huang, Phys. Rev. D **106**, no.2, 023020 (2022) doi:10.1103/PhysRevD.106.023020 [arXiv:2204.03482 [astro-ph.CO]].

(258) M. Momennia, Phys. Rev. D **106**, no.2, 024052 (2022) doi:10.1103/PhysRevD.106.024052 [arXiv:2204.03259 [gr-qc]].

(259) S. Tuna, K. İ. Ünlütürk and F. M. Ramazanoğlu, Phys. Rev. D **105**, no.12, 124070 (2022) doi:10.1103/PhysRevD.105.124070 [arXiv:2204.02138 [gr-qc]].

(260) A. Wojnar, Phys. Rev. D **105**, no.12, 124053 (2022) doi:10.1103/PhysRevD.105.124053 [arXiv:2203.16260 [gr-qc]].

(261) R. A. Konoplya and A. Zhidenko, EPL **138**, 49001 (2022) doi:10.1209/0295-5075/ac6e00 [arXiv:2203.16635 [gr-qc]].

(262) M. Bianchi and G. Di Russo, Phys. Rev. D **106**, no.8, 086009 (2022) doi:10.1103/PhysRevD.106.086009 [arXiv:2203.14900 [hep-th]].

(263) J. F. M. Delgado, [arXiv:2204.02419 [gr-qc]].

(264) R. T. Cavalcanti, R. C. de Paiva and R. da Rocha, Eur. Phys. J. Plus **137**, no.10, 1185 (2022) doi:10.1140/epjp/s13360-022-03407-x [arXiv:2203.08740 [gr-qc]].

(265) F. Foucart, P. Laguna, G. Lovelace, D. Radice and H. Witek, [arXiv:2203.08139 [gr-qc]].

(266) M. Vaglio, C. Pacilio, A. Maselli and P. Pani, Phys. Rev. D **105**, no.12, 124020 (2022) doi:10.1103/PhysRevD.105.124020 [arXiv:2203.07442 [gr-qc]].

(267) K. K. Boddy, M. Lisanti, S. D. McDermott, N. L. Rodd, C. Weniger, Y. Ali-Haïmoud, M. Buschmann, I. Cholis, D. Croon and A. L. Erickcek, *et al.* JHEAp **35**, 112-138 (2022) doi:10.1016/j.jheap.2022.06.005 [arXiv:2203.06380 [hep-ph]].

(268) E. Berti, V. Cardoso, Z. Haiman, D. E. Holz, E. Mottola, S. Mukherjee, B. Sathyaprakash, X. Siemens and N. Yunes, [arXiv:2203.06240 [hep-ph]].

(269) A. G. Sullivan, D. Veske, Z. Márka, I. Bartos and S. Márka, Mon. Not. Roy. Astron. Soc. **512**, no.3, 3738-3753 (2022) doi:10.1093/mnras/stac669 [arXiv:2203.05547 [astro-ph.EP]].

(270) M. E. Rodrigues, M. V. de S. Silva and H. A. Vieira, Phys. Rev. D **105**, no.8, 084043 (2022) doi:10.1103/PhysRevD.105.084043 [arXiv:2203.04965 [gr-qc]].

(271) S. Barsanti, N. Franchini, L. Gualtieri, A. Maselli and T. P. Sotiriou, Phys. Rev. D **106**, no.4, 044029 (2022) doi:10.1103/PhysRevD.106.044029 [arXiv:2203.05003 [gr-qc]].

(272) D. R. Terno, Phys. Rev. D **106**, no.4, 044035 (2022) doi:10.1103/PhysRevD.106.044035 [arXiv:2203.03770 [gr-qc]].

(273) N. Loutrel, R. Brito, A. Maselli and P. Pani, Phys. Rev. D **105**, no.12, 124050 (2022) doi:10.1103/PhysRevD.105.124050 [arXiv:2203.01725 [gr-qc]].

(274) D. R. Mayerson, [arXiv:2202.11394 [hep-th]].

(275) S. Borhanian and B. S. Sathyaprakash, [arXiv:2202.11048 [gr-qc]].

(276) R. C. Bernardo and C. Y. Chen, Gen. Rel. Grav. **55**, no.1, 23 (2023) doi:10.1007/s10714-023-03075-x [arXiv:2202.08460 [gr-qc]].

(277) L. Castells-Tiestos and J. Casalderrey-Solana, JHEP **10**, 049 (2022) doi:10.1007/JHEP10(2022)049 [arXiv:2202.05241 [hep-th]].

(278) R. Niu, T. Zhu and W. Zhao, JCAP **12**, 011 (2022) doi:10.1088/1475-7516/2022/12/011 [arXiv:2202.05092 [gr-qc]].

(279) M. Correia, Phys. Rev. D **105**, no.8, 084041 (2022) doi:10.1103/PhysRevD.105.084041 [arXiv:2202.04658 [gr-qc]].

(280) H. Guo, Y. Liu, C. Zhang, Y. Gong, W. L. Qian and R. H. Yue, Phys. Rev. D **106**, no.2, 024047 (2022) doi:10.1103/PhysRevD.106.024047 [arXiv:2201.10748 [gr-qc]].

(281) J. R. Gair, M. Hewitson, A. Petiteau and G. Mueller, doi:10.1007/978-981-15-4702-7_3-1 [arXiv:2201.10593 [gr-qc]].

(282) M. Minamitsuji, K. Takahashi and S. Tsujikawa, Phys. Rev. D **105**, no.10, 104001 (2022) doi:10.1103/PhysRevD.105.104001 [arXiv:2201.09687 [gr-qc]].

(283) S. J. Zhang, Eur. Phys. J. C **82**, no.6, 501 (2022) doi:10.1140/epjc/s10052-022-10464-0 [arXiv:2201.09703 [gr-qc]].

(284) A. Gualandris, F. M. Khan, E. Bortolas, M. Bonetti, A. Sesana, P. Berczik and K. Holley-Bockelmann, Mon. Not. Roy. Astron. Soc. **511**, no.4, 4753-4765 (2022) doi:10.1093/mnras/stac241 [arXiv:2201.08646 [astro-ph.GA]].

(285) J. Sitarek, "TeV Instrumentation: Current and Future," Galaxies **10**, no.1, 21 (2022) doi:10.3390/galaxies10010021 [arXiv:2201.08611 [astro-ph.IM]].

(286) S. Dey and B. C. Paul, [arXiv:2201.08391 [gr-qc]].

(287) J. Quirola-Vasquez, F. E. Bauer, P. G. Jonker, W. N. Brandt, G. Yang, A. J. Levan, Y. Q. Xue, D. Eappachen, X. C. Zheng and B. Luo, Astron. Astrophys. **663**, A168 (2022) doi:10.1051/0004-6361/202243047 [arXiv:2201.07773 [astro-ph.HE]].

(288) L. Liu and S. P. Kim, JCAP **03**, no.03, 059 (2022) doi:10.1088/1475-7516/2022/03/059 [arXiv:2201.02581 [gr-qc]].

(289) J. H. Huang, Eur. Phys. J. C **82**, 467 (2022) doi:10.1140/epjc/s10052-022-10423-9 [arXiv:2201.00725 [gr-qc]].

(290) G. Kaplanek, "Some Applications of Open Effective Field Theories to Gravitating Quantum Systems," PhD thesis, McMaster U. (2022)

(291) F. Scarcella, [arXiv:2311.11975 [astro-ph.CO]].

(292) S. Bhagwat, C. Pacilio, E. Barausse and P. Pani, Phys. Rev. D **105**, no.12, 124063 (2022) doi:10.1103/PhysRevD.105.124063 [arXiv:2201.00023 [gr-qc]].

(293) D. Baumann, G. Bertone, J. Stout and G. M. Tomaselli, Phys. Rev. D **105**, no.11, 115036 (2022) doi:10.1103/PhysRevD.105.115036 [arXiv:2112.14777 [gr-qc]].

(294) M. Rahman and A. Bhattacharyya, Phys. Rev. D **107**, no.2, 024006 (2023) doi:10.1103/PhysRevD.107.02400 [arXiv:2112.13869 [gr-qc]].

(295) H. S. Vieira, K. Destounis and K. D. Kokkotas, Phys. Rev. D **105**, no.4, 045015 (2022) doi:10.1103/PhysRevD.105.045015 [arXiv:2112.08711 [gr-qc]].

(296) V. Dimitrov, D. R. Mayerson and V. Min, JHEP **06**, 076 (2022) doi:10.1007/JHEP06(2022)076 [arXiv:2112.08197 [hep-th]].

(297) C. Hoyos, N. Jokela and A. Vuorinen, Prog. Part. Nucl. Phys. **126**, 103972 (2022) doi:10.1016/j.ppnp.2022.103972 [arXiv:2112.08422 [hep-th]].

(298) D. Pereñiguez and V. Cardoso, Phys. Rev. D **105**, no.4, 044026 (2022) doi:10.1103/PhysRevD.105.044026 [arXiv:2112.08400 [gr-qc]].

(299) R. Roy, S. Vagnozzi and L. Visinelli, Phys. Rev. D **105**, no.8, 083002 (2022) doi:10.1103/PhysRevD.105.0830 [arXiv:2112.06932 [astro-ph.HE]].

(300) V. Cardoso, C. F. B. Macedo, K. i. Maeda and H. Okawa, Class. Quant. Grav. **39**, no.3, 034001 (2022) doi:10.1088/1361-6382/ac41e7 [arXiv:2112.05750 [gr-qc]].

(301) E. S. Demirboğa, A. Coates and F. M. Ramazanoğlu, Phys. Rev. D **105**, no.2, 024057 (2022) doi:10.1103/PhysRevD.105.024057 [arXiv:2112.04269 [gr-qc]].

(302) Y. Hatsuda and M. Kimura, Universe **7**, no.12, 476 (2021) doi:10.3390/universe7120476 [arXiv:2111.15197 [gr-qc]].

(303) V. Kalogera, B. S. Sathyaprakash, M. Bailes, M. A. Bizouard, A. Buonanno, A. Burrows, M. Colpi, M. Evans, S. Fairhurst and S. Hild, *et al.* [arXiv:2111.06990 [gr-qc]].

(304) A. Addazi, J. Alvarez-Muniz, R. Alves Batista, G. Amelino-Camelia, V. Antonelli, M. Arzano, M. Asorey, J. L. Atteia, S. Bahamonde and F. Bajardi, *et al.* Prog. Part. Nucl. Phys. **125**, 103948 (2022) doi:10.1016/j.ppnp.2022.103948 [arXiv:2111.05659 [hep-ph]].

(305) S. Isoyama, R. Fujita, A. J. K. Chua, H. Nakano, A. Pound and N. Sago, Phys. Rev. Lett. **128**, no.23, 231101 (2022) doi:10.1103/PhysRevLett.128.231101 [arXiv:2111.05288 [gr-qc]].

(306) M. H. Y. Cheung, K. Destounis, R. P. Macedo, E. Berti and V. Cardoso, Phys. Rev. Lett. **128**, no.11, 111103 (2022) doi:10.1103/PhysRevLett.128.111103 [arXiv:2111.05415 [gr-qc]].

(307) M. Saleem, N. V. Krishnendu, A. Ghosh, A. Gupta, W. Del Pozzo, A. Ghosh and K. G. Arun, Phys. Rev. D **105**, no.10, 104066 (2022) doi:10.1103/PhysRevD.105.104066 [arXiv:2111.04135 [gr-qc]].

(308) A. Kolmus, G. Baltus, J. Janquart, T. van Laarhoven, S. Caudill and T. Heskes, Phys. Rev. D **106**, no.2, 023032 (2022) doi:10.1103/PhysRevD.106.023032 [arXiv:2111.00833 [gr-qc]].

(309) S. Murk, "Constraining modified gravity theories with physical black holes," doi:10.1142/9789811269776_010 [arXiv:2111.00776 [gr-qc]].

(310) L. Magaña Zertuche, K. Mitman, N. Khera, L. C. Stein, M. Boyle, N. Deppe, F. Hébert, D. A. B. Iozzo, L. E. Kidder and J. Moxon, *et al.* Phys. Rev. D **105**, no.10, 104015 (2022) doi:10.1103/PhysRevD.105.104015 [arXiv:2110.15922 [gr-qc]].

(311) S. Murk, Phys. Rev. D **105**, no.4, 044051 (2022) doi:10.1103/PhysRevD.105.044051 [arXiv:2110.14973 [gr-qc]].

(312) B. Chatterjee, "Black holes in Einstein-Gauss-Bonnet gravity: dynamical and 4-dimensional novel stationary black hole," [arXiv:2110.13850 [gr-qc]].

(313) S. Murk and D. R. Terno, doi:10.1142/9789811269776_0095 [arXiv:2110.12761 [gr-qc]].

(314) R. Kase and S. Tsujikawa, Phys. Rev. D **105**, no.2, 024059 (2022) doi:10.1103/PhysRevD.105.024059 [arXiv:2110.12728 [gr-qc]].

(315) G. Trevino, "Quantum Aspects of Spacetime Geometry,"

(316) P. A. Cano, K. Fransen, T. Hertog and S. Maenaut, Phys. Rev. D **105**, no.2, 024064 (2022) doi:10.1103/PhysRevD.105.024064 [arXiv:2110.11378 [gr-qc]].

(317) T. Yang, H. M. Lee, R. G. Cai, H. G. Choi and S. Jung, JCAP **01**, no.01, 042 (2022) doi:10.1088/1475-7516/2022/01/042 [arXiv:2110.09967 [gr-qc]].

(318) L. Zwick, A. Derdzinski, M. Garg, P. R. Capelo and L. Mayer, Mon. Not. Roy. Astron. Soc. **511**, no.4, 6143-6159 (2022) doi:10.1093/mnras/stac299 [arXiv:2110.09097 [astro-ph.HE]].

(319) M. Bianchi and G. Di Russo, Phys. Rev. D **105**, no.12, 126007 (2022) doi:10.1103/PhysRevD.105.126007 [arXiv:2110.09579 [hep-th]].

(320) L. Gondán and B. Kocsis, Mon. Not. Roy. Astron. Soc. **515**, no.3, 3299-3318 (2022) doi:10.1093/mnras/stac1985 [arXiv:2110.09540 [astro-ph.HE]].

(321) A. Akhshi, H. Alimohammadi, S. Baghram, S. Rahvar, M. R. R. Tabar and H. Arfaei, Sci. Rep. **11**, no.1, 20507 (2021) doi:10.1038/s41598-021-98821-z

(322) R. L. L. Vicente, "The Gravity of Classical Fields: And Its Effect on the Dynamics of Gravitational Systems," [arXiv:2110.07620 [gr-qc]].

(323) T. Ikeda, V. Cardoso and M. Zilhão, Phys. Rev. Lett. **127**, no.19, 191101 (2021) doi:10.1103/PhysRevLett.127.191101 [arXiv:2110.06937 [gr-qc]].

(324) H. O. Silva, A. Coates, F. M. Ramazanoğlu and T. P. Sotiriou, Phys. Rev. D **105**, no.2, 024046 (2022) doi:10.1103/PhysRevD.105.024046 [arXiv:2110.04594 [gr-qc]].

(325) S. Bahamonde, A. Golovnev, M. J. Guzmán, J. L. Said and C. Pfeifer, JCAP **01**, no.01, 037 (2022) doi:10.1088/1475-7516/2022/01/037 [arXiv:2110.04087 [gr-qc]].

(326) F. Bajardi, L. Altucci, R. Benedetti, S. Capozziello, M. R. Del Sorbo, G. Franci and C. Altucci, Eur. Phys. J. Plus **136**, no.10, 1080 (2021) doi:10.1140/epjp/s13360-021-01960-5 [arXiv:2110.05934 [physics.gen-ph]].

(327) L. Annulli, "Challenging theories of gravitation: dark matter, compact objects and gravitational waves," [arXiv:2110.02704 [gr-qc]].

(328) X. Xue, L. Bian, J. Shu, Q. Yuan, X. Zhu, N. D. R. Bhat, S. Dai, Y. Feng, B. Goncharov and G. Hobbs, *et al.* Phys. Rev. Lett. **127**, no.25, 251303 (2021) doi:10.1103/PhysRevLett.127.251303 [arXiv:2110.03096 [astro-ph.CO]].

(329) P. K. Dahal, S. Murk and D. R. Terno, AVS Quantum Sci. **4**, no.1, 015606 (2022) doi:10.1116/5.0073598 [arXiv:2110.00722 [gr-qc]].

(330) U. Kol, D. O'connell and O. Telem, JHEP **03**, 141 (2022) doi:10.1007/JHEP03(2022)141 [arXiv:2109.12092 [hep-th]].

(331) P. Ramond, doi:10.1007/978-3-031-17964-8

(332) A. P. Sanna, T. Matsakos and A. Diaferio, Astron. Astrophys. **674**, A209 (2023) doi:10.1051/0004-6361/202243553 [arXiv:2109.11217 [astro-ph.CO]].

(333) K. Martinovic, C. Perigois, T. Regimbau and M. Sakellariadou, Astrophys. J. **940**, no.1, 29 (2022) doi:10.3847/1538-4357/ac9840 [arXiv:2109.09779 [astro-ph.SR]].

(334) N. Sennett, "Probing Fundamental Physics With Gravitational Waves From Inspiraling Binary Systems," doi:10.13016/y0rz-gogy

(335) E. Battista and V. De Falco, Phys. Rev. D **104**, no.8, 084067 (2021) doi:10.1103/PhysRevD.104.084067 [arXiv:2109.01384 [gr-qc]].

(336) M. Lenzi and C. F. Sopuerta, Phys. Rev. D **104**, no.12, 124068 (2021) doi:10.1103/PhysRevD.104.124068 [arXiv:2109.00503 [gr-qc]].

(337) C. Y. Chen and H. Y. K. Yang, Eur. Phys. J. C **82**, no.4, 307 (2022) doi:10.1140/epjc/s10052-022-10263-7 [arXiv:2109.00564 [gr-qc]].

(338) V. Cardoso, K. Destounis, F. Duque, R. P. Macedo and A. Maselli, Phys. Rev. D **105**, no.6, L061501 (2022) doi:10.1103/PhysRevD.105.L061501 [arXiv:2109.00005 [gr-qc]].

(339) A. Wojnar, Phys. Rev. D **104**, no.10, 104058 (2021) doi:10.1103/PhysRevD.104.104058 [arXiv:2108.13528 [gr-qc]].

(340) V. Baibhav, "Black hole beasts and where to find them," PhD thesis, Johns Hopkins University (2021)

(341) E. Bortolas, A. Franchini, M. Bonetti and A. Sesana, Astrophys. J. Lett. **918**, no.1, L15 (2021) doi:10.3847/2041-8213/ac1c0c [arXiv:2108.13436 [astro-ph.HE]].

(342) T. Helfer, U. Sperhake, R. Croft, M. Radia, B. X. Ge and E. A. Lim, Class. Quant. Grav. **39**, no.7, 074001 (2022) doi:10.1088/1361-6382/ac53b7 [arXiv:2108.11995 [gr-qc]].

(343) Z. Stuchlík and J. Vrba, Eur. Phys. J. Plus **136**, no.9, 977 (2021) doi:10.1140/epjp/s13360-021-01890-2 [arXiv:2108.09466 [gr-qc]].

(344) M. Lenzi and C. F. Sopuerta, Phys. Rev. D **104**, no.8, 084053 (2021) doi:10.1103/PhysRevD.104.084053 [arXiv:2108.08668 [gr-qc]].

(345) A. Coogan, G. Bertone, D. Gaggero, B. J. Kavanagh and D. A. Nichols, Phys. Rev. D **105**, no.4, 043009 (2022) doi:10.1103/PhysRevD.105.043009 [arXiv:2108.04154 [gr-qc]].

(346) G. Creci, T. Hinderer and J. Steinhoff, Phys. Rev. D **104**, no.12, 124061 (2021) [erratum: Phys. Rev. D **105**, no.10, 109902 (2022)] doi:10.1103/PhysRevD.104.124061 [arXiv:2108.03385 [gr-qc]].

(347) J. M. H. Meinert, "Condensates of ultralight axions and a link of leptonic scales to dark matter," [arXiv:2108.02244 [hep-ph]].

(348) V. Vázquez-Aceves, L. Zwick, E. Bortolas, P. R. Capelo, P. Amaro-Seoane, L. Mayer and X. Chen, Mon. Not. Roy. Astron. Soc. **510**, no.2, 2379-2390 (2022) doi:10.1093/mnras/stab3485 [arXiv:2108.00135 [astro-ph.GA]].

(349) R. G. Cai and T. Yang, JCAP **12**, no.12, 017 (2021) doi:10.1088/1475-7516/2021/12/017 [arXiv:2107.13919 [gr-qc]].

(350) C. Yuan, R. Brito and V. Cardoso, Phys. Rev. D **104**, no.12, 124024 (2021) doi:10.1103/PhysRevD.104.12402 [arXiv:2107.14244 [gr-qc]].

(351) M. Carrillo-González, C. de Rham and A. J. Tolley, JHEP **11**, 087 (2021) doi:10.1007/JHEP11(2021)087 [arXiv:2107.11384 [hep-th]].

(352) P. Brax, A. C. Davis, S. Melville and L. K. Wong, JCAP **10**, 075 (2021) doi:10.1088/1475-7516/2021/10/075 [arXiv:2107.10841 [gr-qc]].

(353) K. Destounis, R. P. Macedo, E. Berti, V. Cardoso and J. L. Jaramillo, Phys. Rev. D **104**, no.8, 084091 (2021) doi:10.1103/PhysRevD.104.084091 [arXiv:2107.09673 [gr-qc]].

(354) S. Tsujikawa, C. Zhang, X. Zhao and A. Wang, Phys. Rev. D **104**, no.6, 064024 (2021) doi:10.1103/PhysRevD.104.064024 [arXiv:2107.08061 [gr-qc]].

(355) J. L. Blázquez-Salcedo, F. S. Khoo, J. Kunz and V. Preut, Front. in Phys. **9**, 741427 (2021) doi:10.3389/fphy.2021.741427 [arXiv:2107.06726 [gr-qc]].

(356) A. Finke, S. Foffa, F. Iacovelli, M. Maggiore and M. Mancarella, Phys. Rev. D **104**, no.8, 084057 (2021) doi:10.1103/PhysRevD.104.084057 [arXiv:2107.05046 [gr-qc]].

(357) F. T. O. Cabral, "Towards a new spacetime paradigm : Gauge symmetries and post-Riemann geometries in gravitation,"

(358) A. Kozak and A. Wojnar, Phys. Rev. D **104**, no.8, 084097 (2021) doi:10.1103/PhysRevD.104.084097 [arXiv:2106.14219 [gr-qc]].

(359) S. Bahamonde, K. F. Dialektopoulos, C. Escamilla-Rivera, G. Farrugia, V. Gakis, M. Hendry, M. Hohmann, J. Levi Said, J. Mifsud and E. Di Valentino, Rept. Prog. Phys. **86**, no.2, 026901 (2023) doi:10.1088/1361-6633/ac9cef [arXiv:2106.13793 [gr-qc]].

(360) A. Maselli, N. Franchini, L. Gualtieri, T. P. Sotiriou, S. Barsanti and P. Pani, Nature Astron. **6**, no.4, 464-470 (2022) doi:10.1038/s41550-021-01589-5 [arXiv:2106.11325 [gr-qc]].

(361) G. Kaplanek, C. P. Burgess and R. Holman, JHEP **09**, 006 (2021) doi:10.1007/JHEP09(2021)006 [arXiv:2106.09854 [hep-th]].

(362) L. Bian, R. G. Cai, S. Cao, Z. Cao, H. Gao, Z. K. Guo, K. Lee, D. Li, J. Liu and Y. Lu, *et al.* Sci. China Phys. Mech. Astron. **64**, no.12, 120401 (2021) doi:10.1007/s11433-021-1781-x [arXiv:2106.10235 [gr-qc]].

(363) M. Herrero-Valea, JHEP **03**, 075 (2022) doi:10.1007/JHEP03(2022)075 [arXiv:2106.08344 [gr-qc]].

(364) F. Sassano, R. Schneider, R. Valiante, K. Inayoshi, S. Chon, K. Omukai, L. Mayer and P. R. Capelo, Mon. Not. Roy. Astron. Soc. **506**, no.1, 613-632 (2021) doi:10.1093/mnras/stab1737 [arXiv:2106.08330 [astro-ph.GA]].

(365) M. Srivastava, Y. Chen and S. Shankaranarayanan, Phys. Rev. D **104**, no.6, 064034 (2021) doi:10.1103/PhysRevD.104.064034 [arXiv:2106.06209 [gr-qc]].

(366) Z. Stuchlík, J. Hladík, J. Vrba and C. Posada, Eur. Phys. J. C **81**, no.6, 529 (2021) doi:10.1140/epjc/s10052-021-09309-z [arXiv:2106.05750 [gr-qc]].

(367) A. Chowdhury, "On the effect of scalar fields on Hawking radiation and quasinormal modes of black holes," [arXiv:2106.02294 [gr-qc]].

(368) B. Liu and V. Bromm, Mon. Not. Roy. Astron. Soc. **506**, no.4, 5451-5467 (2021) [erratum: Mon. Not. Roy. Astron. Soc. **521**, no.2, 2560 (2023)] doi:10.1093/mnras/stab2028 [arXiv:2106.02244 [astro-ph.GA]].

(369) C. Yuan, R. Brito and V. Cardoso, Phys. Rev. D **104**, no.4, 044011 (2021) doi:10.1103/PhysRevD.104.044011 [arXiv:2106.00021 [gr-qc]].

(370) M. Minamitsuji and S. Tsujikawa, Phys. Lett. B **820**, 136509 (2021) doi:10.1016/j.physletb.2021.136509 [arXiv:2105.14661 [gr-qc]].

(371) S. Bahamonde, M. Caruana, K. F. Dialektopoulos, V. Gakis, M. Hohmann, J. Levi Said, E. N. Saridakis and J. Sultana, Phys. Rev. D **104**, no.8, 084082 (2021) doi:10.1103/PhysRevD.104.084082 [arXiv:2105.13243 [gr-qc]].

(372) R. Shaikh, S. Paul, P. Banerjee and T. Sarkar, Eur. Phys. J. C **82**, no.8, 696 (2022) doi:10.1140/epjc/s10052-022-10664-8 [arXiv:2105.12057 [gr-qc]].

(373) M. Wang, Z. Chen, Q. Pan and J. Jing, Eur. Phys. J. C **81**, no.5, 469 (2021) doi:10.1140/epjc/s10052-021-09149-x [arXiv:2105.10951 [gr-qc]].

(374) Q. Henry, G. Faye and L. Blanchet, Class. Quant. Grav. **38**, no.18, 185004 (2021) doi:10.1088/1361-6382/ac1850 [arXiv:2105.10876 [gr-qc]].

(375) S. Chakraborty, S. J. Hoque and R. Oliveri, Phys. Rev. D **104**, no.6, 064019 (2021) doi:10.1103/PhysRevD.104.064019 [arXiv:2105.09971 [gr-qc]].

(376) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(377) L. Annulli, Phys. Rev. D **104**, no.12, 124028 (2021) doi:10.1103/PhysRevD.104.124028 [arXiv:2105.08728 [gr-qc]].

(378) G. Antoniou, A. Lehébel, G. Ventagli and T. P. Sotiriou, Phys. Rev. D **104**, no.4, 044002 (2021) doi:10.1103/PhysRevD.104.044002 [arXiv:2105.04479 [gr-qc]].

(379) J. L. Jaramillo, R. Panosso Macedo and L. A. Sheikh, Phys. Rev. Lett. **128**, no.21, 211102 (2022) doi:10.1103/PhysRevLett.128.211102 [arXiv:2105.03451 [gr-qc]].

(380) W. Li, Z. Feng, X. Zhou, X. Mu and G. He, Int. J. Mod. Phys. D **30**, no.09, 2150067 (2021) doi:10.1142/S021827182150067X [arXiv:2105.01361 [gr-qc]].

(381) M. Minamitsuji, Class. Quant. Grav. **38**, no.10, 105011 (2021) doi:10.1088/1361-6382/abed62 [arXiv:2105.08936 [gr-qc]].

(382) G. Martinho Dos Santos Raposo, "Testing the nature of black holes with gravitational waves," PhD thesis, Rome U. (2021)

(383) L. Annulli, V. Cardoso and L. Gualtieri, Class. Quant. Grav. **39**, no.10, 105005 (2022) doi:10.1088/1361-6382/ac6410 [arXiv:2104.11236 [gr-qc]].

(384) P. Vanhove, [arXiv:2104.10148 [gr-qc]].

(385) C. Y. Zhang, P. Liu, Y. Liu, C. Niu and B. Wang, Phys. Rev. D **105**, no.2, 024010 (2022) doi:10.1103/PhysRevD.105.024010 [arXiv:2104.07281 [gr-qc]].

(386) M. Falanga, P. Bakala, R. La Placa, V. De Falco, A. De Rosa and L. Stella, Mon. Not. Roy. Astron. Soc. **504**, no.3, 3424-3434 (2021) doi:10.1093/mnras/stab1147 [arXiv:2104.07707 [astro-ph.HE]].

(387) M. Bailes, B. K. Berger, P. R. Brady, M. Branchesi, K. Danzmann, M. Evans, K. Holley-Bockelmann, B. R. Iyer, T. Kajita and S. Katsanevas, *et al.* Nature Rev. Phys. **3**, no.5, 344-366 (2021) doi:10.1038/s42254-021-00303-8

(388) H. S. Vieira and K. D. Kokkotas, Phys. Rev. D **104**, no.2, 024035 (2021) doi:10.1103/PhysRevD.104.024035 [arXiv:2104.03938 [gr-qc]].

(389) K. K. Singh, P. J. Meintjes and K. K. Yadav, Mod. Phys. Lett. A **36**, no.13, 2150096 (2021) doi:10.1142/S0217732321500966 [arXiv:2103.11602 [astro-ph.HE]].

(390) G. B. Gelmini, A. Simpson and E. Vitagliano, Phys. Rev. D **104**, no.6, 061301 (2021) doi:10.1103/PhysRevD.104.L061301 [arXiv:2103.07625 [hep-ph]].

(391) E. Bortolas, M. Bonetti, M. Dotti, A. Lupi, P. R. Capelo, L. Mayer and A. Sesana, Mon. Not. Roy. Astron. Soc. **512**, no.3, 3365-3382 (2022) doi:10.1093/mnras/stac645 [arXiv:2103.07486 [astro-ph.GA]].

(392) G. Carullo, D. Laghi, J. Veitch and W. Del Pozzo, Phys. Rev. Lett. **126**, no.16, 161102 (2021) doi:10.1103/PhysRevLett.126.161102 [arXiv:2103.06167 [gr-qc]].

(393) J. Levi Said, J. Mifsud, J. Sultana and K. Z. Adami, JCAP **06**, 015 (2021) doi:10.1088/1475-7516/2021/06/015 [arXiv:2103.05021 [astro-ph.CO]].

(394) K. W. Tsang, "The Final State: the fate of relativistic compact objects after merger," doi:10.33612/diss.160948839

(395) T. Yang, JCAP **05**, 044 (2021) doi:10.1088/1475-7516/2021/05/044 [arXiv:2103.01923 [astro-ph.CO]].

(396) A. Folacci and A. Tamar, [arXiv:2103.01258 [gr-qc]].

(397) V. Cardoso, F. Duque and A. Foschi, Phys. Rev. D **103**, no.10, 104044 (2021) doi:10.1103/PhysRevD.103.104 [arXiv:2102.07784 [gr-qc]].

(398) V. De Luca, G. Franciolini, P. Pani and A. Riotto, JCAP **05**, 003 (2021) doi:10.1088/1475-7516/2021/05/003 [arXiv:2102.03809 [astro-ph.CO]].

(399) D. Laghi, N. Tamanini, W. Del Pozzo, A. Sesana, J. Gair, S. Babak and D. Izquierdo-Villalba, Mon. Not. Roy. Astron. Soc. **508**, no.3, 4512-4531 (2021) doi:10.1093/mnras/stab2741 [arXiv:2102.01708 [astro-ph.CO]].

(400) M. Guerrero, G. J. Olmo and D. Rubiera-Garcia, JCAP **04**, 066 (2021) doi:10.1088/1475-7516/2021/04/066 [arXiv:2102.00840 [gr-qc]].

(401) L. Zwick, P. R. Capelo, E. Bortolas, V. Vazquez-Aceves, L. Mayer and P. Amaro-Seoane, Mon. Not. Roy. Astron. Soc. **506**, no.1, 1007-1018 (2021) doi:10.1093/mnras/stab1818 [arXiv:2102.00015 [astro-ph.GA]].

(402) S. D. Upton and A. Pound, Phys. Rev. D **103**, no.12, 124016 (2021) doi:10.1103/PhysRevD.103.124016 [arXiv:2101.11409 [gr-qc]].

(403) M. Radia, U. Sperhake, E. Berti and R. Croft, Phys. Rev. D **103**, no.10, 104006 (2021) doi:10.1103/PhysRevD.103.104006 [arXiv:2101.11015 [gr-qc]].

(404) N. Sahu, A. W. Graham and B. L. Davis, doi:10.3847/1538-4357/abb675 [arXiv:2101.04895 [astro-ph.GA]].

(405) V. Cardoso, F. Duque and G. Khanna, Phys. Rev. D **103**, no.8, L081501 (2021) doi:10.1103/PhysRevD.103.L [arXiv:2101.01186 [gr-qc]].

(406) A. Delhom, "Theoretical and Observational Aspecs in Metric-Affine Gravity: A field theoretic perspective," [arXiv:2201.09789 [gr-qc]].

(407) F. Giese, "Corrections to the energy budget of early universe phase transitions," doi:10.3204/PUBDB-2021-04477

(408) J. A. Klencki, "Tales of the uncommon: Massive binary stars and gravitational-wave sources," PhD thesis, Nijmegen U. (2021)

(409) J. Tan, J. Phys. Conf. Ser. **2083**, no.2, 022040 (2021) doi:10.1088/1742-6596/2083/2/022040

(410) J. O'Leary, "General Relativistic and Post-Newtonian Dynamics for Near-Earth Objects and Solar System Bodies," doi:10.1007/978-3-030-80185-4

(411) J. M. Ezquiaga, "Testing Gravity with Standard Sirens: Challenges and Opportunities," doi:10.1007/978-3-030-83715-0_34

(412) R. Brito and P. Pani,"Black-Hole Superradiance: Searching for Ultralight Bosons with Gravitational Waves," doi:10.1007/978-981-15-4702-7_37-1

(413) S. Borhanian, "Compact Binaries as Astrophysical Laboratories and the Promise of Third-Generation Detectors," PhD thesis, Penn State U. (2021)

(414) M. Bertipagani, M. Rinaldi, L. Sebastiani and S. Zerbini, Phys. Dark Univ. **33**, 100853 (2021) doi:10.1016/j.dark.2021.100853 [arXiv:2012.15645 [gr-qc]].

(415) S. Datta, A. Ghosal and R. Samanta, JCAP **08**, 021 (2021) doi:10.1088/1475-7516/2021/08/021 [arXiv:2012.14981 [hep-ph]].

(416) S. Murk and D. R. Terno, Phys. Rev. D **104**, no.6, 064048 (2021) doi:10.1103/PhysRevD.104.064048 [arXiv:2012.11209 [gr-qc]].

(417) E. Cannizzaro, A. Caputo, L. Sberna and P. Pani, Phys. Rev. D **103**, 124018 (2021) doi:10.1103/PhysRevD.103.124018 [arXiv:2012.05114 [gr-qc]].

(418) J. F. M. Delgado, C. A. R. Herdeiro and E. Radu, Phys. Rev. D **103**, no.10, 104029 (2021) doi:10.1103/PhysRevD.103.104029 [arXiv:2012.03952 [gr-qc]].

(419) G. Hütsi, M. Raidal, V. Vaskonen and H. Veermäe, JCAP **03**, 068 (2021) doi:10.1088/1475-7516/2021/03/068 [arXiv:2012.02786 [astro-ph.CO]].

(420) J. Vrba, M. Urbanec, Z. Stuchlík and J. C. Miller, Eur. Phys. J. C **80**, no.11, 1065 (2020) doi:10.1140/epjc/s10052-020-08642-z [arXiv:2011.13616 [gr-qc]].

(421) X. J. Yue and Z. Cao, Class. Quant. Grav. **37**, no.24, 245009 (2020) doi:10.1088/1361-6382/abbe9d

(422) P. Salucci, G. Esposito, G. Lambiase, E. Battista, M. Benetti, D. Bini, L. Boco, G. Sharma, V. Bozza and L. Buoninfante, *et al.* Front. in Phys. **8**, 603190 (2021) doi:10.3389/fphy.2020.603190 [arXiv:2011.09278 [gr-qc]].

(423) L. Tsukada, R. Brito, W. E. East and N. Siemonsen, Phys. Rev. D **103**, no.8, 083005 (2021) doi:10.1103/PhysRevD.103.083005 [arXiv:2011.06995 [astro-ph.HE]].

(424) E. Cenci, L. Sala, A. Lupi, P. R. Capelo and M. Dotti, Mon. Not. Roy. Astron. Soc. **500**, no.3, 3719-3727 (2020) doi:10.1093/mnras/staa3449 [arXiv:2011.06596 [astro-ph.GA]].

(425) W. E. East and J. L. Ripley, Phys. Rev. D **103**, no.4, 044040 (2021) doi:10.1103/PhysRevD.103.044040 [arXiv:2011.03547 [gr-qc]].

(426) M. Guo and S. Gao, Phys. Rev. D **103**, no.10, 104031 (2021) doi:10.1103/PhysRevD.103.104031 [arXiv:2011.02211 [gr-qc]].

(427) L. Gondán and B. Kocsis, Mon. Not. Roy. Astron. Soc. **506**, no.2, 1665-1696 (2021) doi:10.1093/mnras/stab1722 [arXiv:2011.02507 [astro-ph.HE]].

(428) B. Pestoni, E. Bortolas, P. R. Capelo and L. Mayer, Mon. Not. Roy. Astron. Soc. **500**, no.4, 4628-4638 (2020) doi:10.1093/mnras/staa3496 [arXiv:2011.02488 [astro-ph.GA]].

(429) K. W. K. Wong, G. Franciolini, V. De Luca, V. Baibhav, E. Berti, P. Pani and A. Riotto, Phys. Rev. D **103**, no.2, 023026 (2021) doi:10.1103/PhysRevD.103.023026 [arXiv:2011.01865 [gr-qc]].

(430) M. C. Gonzalez, Q. Liang and M. Trodden, Phys. Rev. D **104**, no.4, 043517 (2021) doi:10.1103/PhysRevD.104.043517 [arXiv:2010.15913 [hep-th]].

(431) V. Cardoso, C. F. B. Macedo and R. Vicente, Phys. Rev. D **103**, no.2, 023015 (2021) doi:10.1103/PhysRevD.103.023015 [arXiv:2010.15151 [gr-qc]].

(432) S. Borhanian, Class. Quant. Grav. **38**, no.17, 175014 (2021) doi:10.1088/1361-6382/ac1618 [arXiv:2010.15202 [gr-qc]].

(433) J. Harms *et al.* [LGWA], Astrophys. J. **910**, no.1, 1 (2021) doi:10.3847/1538-4357/abe5a7 [arXiv:2010.13726 [gr-qc]].

(434) D. R. Mayerson, Gen. Rel. Grav. **52**, no.12, 115 (2020) doi:10.1007/s10714-020-02769-w [arXiv:2010.09736 [hep-th]].

(435) Z. Bern, J. Parra-Martinez, R. Roiban, E. Sawyer and C. H. Shen, JHEP **05**, 188 (2021) doi:10.1007/JHEP05(2021)188 [arXiv:2010.08559 [hep-th]].

(436) R. Dey, S. Biswas and S. Chakraborty, Phys. Rev. D **103**, no.8, 084019 (2021) doi:10.1103/PhysRevD.103.08 [arXiv:2010.07966 [gr-qc]].

(437) S. Murk and D. R. Terno, Phys. Rev. D **103**, no.6, 064082 (2021) doi:10.1103/PhysRevD.103.064082 [arXiv:2010.03784 [gr-qc]].

(438) S. Choudhary, N. Sanchis-Gual, A. Gupta, J. C. Degollado, S. Bose and J. A. Font, Phys. Rev. D **103**, no.4, 044032 (2021) doi:10.1103/PhysRevD.103.044032 [arXiv:2010.00935 [gr-qc]].

(439) R. Briffa, S. Capozziello, J. Levi Said, J. Mifsud and E. N. Saridakis, Class. Quant. Grav. **38**, no.5, 055007 (2020) doi:10.1088/1361-6382/abd4f5 [arXiv:2009.14582 [gr-qc]].

(440) A. Bakopoulos, doi:10.12681/eadd/48145 [arXiv:2010.13189 [gr-qc]].

(441) A. Ruipérez Vicente, "Black holes in string theory with higher-derivative corrections," PhD thesis, U. Autonoma, Madrid (2020)

(442) A. Sullivan, N. Yunes and T. P. Sotiriou, Phys. Rev. D **103**, no.12, 124058 (2021) doi:10.1103/PhysRevD.103.124058 [arXiv:2009.10614 [gr-qc]].

(443) N. Wex and M. Kramer, Universe **6**, no.9, 156 (2020) doi:10.3390/universe6090156

(444) V. Cardoso, W. D. Guo, C. F. B. Macedo and P. Pani, Mon. Not. Roy. Astron. Soc. **503**, no.1, 563-573 (2021) doi:10.1093/mnras/stab404 [arXiv:2009.07287 [gr-qc]].

(445) V. De Luca, V. Desjacques, G. Franciolini, P. Pani and A. Riotto, Phys. Rev. Lett. **126**, no.5, 051101 (2021) doi:10.1103/PhysRevLett.126.051101 [arXiv:2009.01728 [astro-ph.CO]].

(446) S. Bahamonde, V. Gakis, S. Kiorpelidi, T. Koivisto, J. Levi Said and E. N. Saridakis, Eur. Phys. J. C **81**, no.1, 53 (2021) doi:10.1140/epjc/s10052-021-08833-2 [arXiv:2009.02168 [gr-qc]].

(447) C. Munna and C. R. Evans, Phys. Rev. D **102**, no.10, 104006 (2020) doi:10.1103/PhysRevD.102.104006 [arXiv:2009.01254 [gr-qc]].

(448) L. K. Wong, "Motion in a scalar field," doi:10.17863/CAM.60352

(449) R. Kase and S. Tsujikawa, JCAP **01**, 008 (2021) doi:10.1088/1475-7516/2021/01/008 [arXiv:2008.13350 [gr-qc]].

(450) P. K. Dahal and D. R. Terno, Phys. Rev. D **102**, 124032 (2020) doi:10.1103/PhysRevD.102.124032 [arXiv:2008.13370 [gr-qc]].

(451) L. Annulli, V. Cardoso and R. Vicente, Phys. Rev. D **102**, no.6, 063022 (2020) doi:10.1103/PhysRevD.102.06 [arXiv:2009.00012 [gr-qc]].

(452) C. Munna, Phys. Rev. D **102**, no.12, 124001 (2020) doi:10.1103/PhysRevD.102.124001 [arXiv:2008.10622 [gr-qc]].

(453) K. Nakashi and M. Kimura, Phys. Rev. D **102**, no.8, 084021 (2020) doi:10.1103/PhysRevD.102.084021 [arXiv:2008.04003 [gr-qc]].

(454) A. Addazi, M. Bianchi, M. Firrotta and A. Marcianò, Nucl. Phys. B **965**, 115356 (2021) doi:10.1016/j.nuclphysb.2021.115356 [arXiv:2008.02206 [hep-th]].

(455) M. Bianchi, D. Consoli, A. Grillo, J. F. Morales, P. Pani and G. Raposo, JHEP **01**, 003 (2021) doi:10.1007/JHEP01(2021)003 [arXiv:2008.01445 [hep-th]].

(456) R. Rosca-Mead, C. J. Moore, U. Sperhake, M. Agathos and D. Gerosa, Symmetry **12**, no.9, 1384 (2020) doi:10.3390/sym12091384 [arXiv:2007.14429 [gr-qc]].

(457) A. Wojnar, Phys. Rev. D **102**, no.12, 124045 (2020) doi:10.1103/PhysRevD.102.124045 [arXiv:2007.13451 [gr-qc]].

(458) I. Agullo, V. Cardoso, A. D. Rio, M. Maggiore and J. Pullin, Phys. Rev. Lett. **126**, no.4, 041302 (2021) doi:10.1103/PhysRevLett.126.041302 [arXiv:2007.13761 [gr-qc]].

(459) J. L. Gaona-Reyes, M. Carlesso and A. Bassi, Phys. Rev. D **103**, no.5, 056011 (2021) doi:10.1103/PhysRevD.103.056011 [arXiv:2007.11980 [quant-ph]].

(460) G. O. Papadopoulos and K. D. Kokkotas, Gen. Rel. Grav. **53**, no.2, 21 (2021) doi:10.1007/s10714-021-02795-2 [arXiv:2007.12125 [gr-qc]].

(461) C. Yuan and Q. G. Huang, Phys. Lett. B **821**, 136606 (2021) doi:10.1016/j.physletb.2021.136606 [arXiv:2007.10686 [astro-ph.CO]].

(462) R. Kase, R. Kimura, S. Sato and S. Tsujikawa, Phys. Rev. D **102**, no.8, 084037 (2020) doi:10.1103/PhysRevD.102.084037 [arXiv:2007.09864 [gr-qc]].

(463) T. Liu, W. Zhao and Y. Wang, Phys. Rev. D **102**, no.12, 124035 (2020) doi:10.1103/PhysRevD.102.124035 [arXiv:2007.10068 [gr-qc]].

(464) C. Danielski and N. Tamanini, Int. J. Mod. Phys. D **29**, no.14, 2043007 (2020) doi:10.1142/S0218271820430 [arXiv:2007.07010 [astro-ph.IM]].

(465) S. Kanzi, S. H. Mazharimousavi and İ. Sakallı, Annals Phys. **422**, 168301 (2020) doi:10.1016/j.aop.2020.1683 [arXiv:2007.05814 [hep-th]].

(466) C. Pacilio, M. Vaglio, A. Maselli and P. Pani, Phys. Rev. D **102**, no.8, 083002 (2020) doi:10.1103/PhysRevD.102.083002 [arXiv:2007.05264 [gr-qc]].

(467) L. Annulli, V. Cardoso and R. Vicente, Phys. Lett. B **811**, 135944 (2020) doi:10.1016/j.physletb.2020.135944 [arXiv:2007.03700 [astro-ph.HE]].

(468) M. Bianchi, D. Consoli, A. Grillo, J. F. Morales, P. Pani and G. Raposo, Phys. Rev. Lett. **125**, no.22, 221601 (2020) doi:10.1103/PhysRevLett.125.221601 [arXiv:2007.01743 [hep-th]].

(469) V. Dimitrov, T. Lemmens, D. R. Mayerson, V. S. Min and B. Vercnocke, [arXiv:2007.01879 [hep-th]].

(470) A. B. Kovacevic, L. C. Popovic and D. Ilic, Open Astron. **29**, no.1, 51-55 (2020) doi:10.1515/astro-2020-0007 [arXiv:2007.00557 [astro-ph.GA]].

(471) A. Bhattacharyya, "Quantifying Near Extremal Black Holes," thesis, Amsterdam U. (2020)

(472) E. Maggio, L. Buoninfante, A. Mazumdar and P. Pani, Phys. Rev. D **102**, no.6, 064053 (2020) doi:10.1103/PhysRevD.102.064053 [arXiv:2006.14628 [gr-qc]].

(473) J. Miller and A. Pound, Phys. Rev. D **103**, no.6, 064048 (2021) doi:10.1103/PhysRevD.103.064048 [arXiv:2006.11263 [gr-qc]].

(474) J. Klencki, G. Nelemans, A. G. Istrate and M. Chruslinska, Astron. Astrophys. **645**, A54 (2021) doi:10.1051/0004-6361/202038707 [arXiv:2006.11286 [astro-ph.SR]].

(475) G. J. Olmo, E. Orazi and D. Rubiera-Garcia, Eur. Phys. J. C **80**, no.11, 1018 (2020) doi:10.1140/epjc/s10052-020-08591-7 [arXiv:2006.08180 [hep-th]].

(476) K. Hajian, S. Liberati, M. M. Sheikh-Jabbari and M. H. Vahidinia, Phys. Lett. B **812**, 136002 (2021) doi:10.1016/j.physletb.2020.136002 [arXiv:2005.12985 [gr-qc]].

(477) A. Akhshi, H. Alimohammadi, S. Baghram, S. Rahvar, M. R. Rahimi Tabar and H. Arfaei, [arXiv:2005.11352 [astro-ph.IM]].

(478) M. Khodadi, A. Allahyari, S. Vagnozzi and D. F. Mota, JCAP **09**, 026 (2020) doi:10.1088/1475-7516/2020/09/026 [arXiv:2005.05992 [gr-qc]].

(479) V. De Luca, G. Franciolini, P. Pani and A. Riotto, JCAP **06**, 044 (2020) doi:10.1088/1475-7516/2020/06/044 [arXiv:2005.05641 [astro-ph.CO]].

(480) M. Volonteri, H. Pfister, R. S. Beckmann, Y. Dubois, M. Colpi, C. J. Conselice, M. Dotti, G. Martin, R. Jackson and K. Kraljic, *et al.* Mon. Not. Roy. Astron. Soc. **498**, no.2, 2219-2238 (2020) doi:10.1093/mnras/staa2384 [arXiv:2005.04902 [astro-ph.GA]].

(481) P. Schmidt, Front. Astron. Space Sci. **7**, 28 (2020) doi:10.3389/fspas.2020.00028

(482) X. Jiménez Forteza, S. Bhagwat, P. Pani and V. Ferrari, Phys. Rev. D **102**, no.4, 044053 (2020) doi:10.1103/PhysRevD.102.044053 [arXiv:2005.03260 [gr-qc]].

(483) P. A. Cano, K. Fransen and T. Hertog, Phys. Rev. D **102**, no.4, 044047 (2020) doi:10.1103/PhysRevD.102.04 [arXiv:2005.03671 [gr-qc]].

(484) K. Destounis, R. D. B. Fontana and F. C. Mena, Phys. Rev. D **102**, no.4, 044005 (2020) doi:10.1103/PhysRevD.102.044005 [arXiv:2005.03028 [gr-qc]].

(485) C. Munna, C. R. Evans, S. Hopper and E. Forseth, Phys. Rev. D **102**, no.2, 024047 (2020) doi:10.1103/PhysRevD.102.024047 [arXiv:2005.03044 [gr-qc]].

(486) Z. Bern, A. Luna, R. Roiban, C. H. Shen and M. Zeng, Phys. Rev. D **104**, no.6, 065014 (2021) doi:10.1103/PhysRevD.104.065014 [arXiv:2005.03071 [hep-th]].

(487) E. Bortolas, P. R. Capelo, T. Zana, L. Mayer, M. Bonetti, M. Dotti, M. B. Davies and P. Madau, Mon. Not. Roy. Astron. Soc. **498**, no.3, 3601-3615 (2020) doi:10.1093/mnras/staa2628 [arXiv:2005.02409 [astro-ph.GA]].

(488) J. Jaeckel, S. Schenk and M. Spannowsky, Eur. Phys. J. C **81**, no.9, 828 (2021) doi:10.1140/epjc/s10052-021-09604-9 [arXiv:2004.13724 [astro-ph.CO]].

(489) A. Maselli, N. Franchini, L. Gualtieri and T. P. Sotiriou, Phys. Rev. Lett. **125**, no.14, 141101 (2020) doi:10.1103/PhysRevLett.125.141101 [arXiv:2004.11895 [gr-qc]].

(490) V. I. Afonso, Int. J. Mod. Phys. D **29**, no.11, 2041011 (2020) doi:10.1142/S0218271820410114 [arXiv:2004.10795 [gr-qc]].

(491) H. S. Chia and T. D. P. Edwards, JCAP **11**, 033 (2020) doi:10.1088/1475-7516/2020/11/033 [arXiv:2004.06729 [astro-ph.HE]].

(492) G. Gurrea-Ysasi and G. J. Olmo, Int. J. Mod. Phys. D **29**, no.11, 2041009 (2020) doi:10.1142/S0218271820410096 [arXiv:2004.06073 [hep-th]].

(493) Y. Asali, P. T. H. Pang, A. Samajdar and C. Van Den Broeck, Phys. Rev. D **102**, no.2, 024016 (2020) doi:10.1103/PhysRevD.102.024016 [arXiv:2004.05128 [gr-qc]].

(494) L. K. Wong, Phys. Rev. D **101**, no.12, 124049 (2020) doi:10.1103/PhysRevD.101.124049 [arXiv:2004.03570 [hep-th]].

(495) G. A. Piovano, A. Maselli and P. Pani, Phys. Rev. D **102**, no.2, 024041 (2020) doi:10.1103/PhysRevD.102.024 [arXiv:2004.02654 [gr-qc]].

(496) C. Y. Chen, JCAP **05**, 040 (2020) doi:10.1088/1475-7516/2020/05/040 [arXiv:2004.01440 [gr-qc]].

(497) R. I. Gainutdinov, Y. V. Baryshev and V. V. Sokolov, [arXiv:2004.00890 [astro-ph.GA]].

(498) S. V. M. C. B. Xavier, P. V. P. Cunha, L. C. B. Crispino and C. A. R. Herdeiro, Int. J. Mod. Phys. D **29**, no.11, 2041005 (2020) doi:10.1142/S0218271820410059 [arXiv:2003.14349 [gr-qc]].

(499) H. Witek, L. Gualtieri and P. Pani, Phys. Rev. D **101**, no.12, 124055 (2020) doi:10.1103/PhysRevD.101.1240 [arXiv:2004.00009 [gr-qc]].

(500) R. S. Lima, L. Mayer, P. R. Capelo, E. Bortolas and T. R. Quinn, Astrophys. J. **899**, no.2, 126 (2020) doi:10.3847/1538-4357/aba624 [arXiv:2003.13789 [astro-ph.GA]].

(501) D. R. Terno, Phys. Rev. D **101**, no.12, 124053 (2020) doi:10.1103/PhysRevD.101.124053 [arXiv:2003.12312 [gr-qc]].

(502) V. De Luca, G. Franciolini, P. Pani and A. Riotto, Phys. Rev. D **102**, no.4, 043505 (2020) doi:10.1103/PhysRevD.102.043505 [arXiv:2003.12589 [astro-ph.CO]].

(503) G. A. Piovano, A. Maselli and P. Pani, Phys. Lett. B **811**, 135860 (2020) doi:10.1016/j.physletb.2020.135860 [arXiv:2003.08448 [gr-qc]].

(504) S. Xavier, J. Mathew and S. Shankaranarayanan, Class. Quant. Grav. **37**, no.22, 225006 (2020) doi:10.1088/1361-6382/abbd0f [arXiv:2003.05139 [gr-qc]].

(505) Y. Huang, C. J. Haster, S. Vitale, A. Zimmerman, J. Roulet, T. Venumadhav, B. Zackay, L. Dai and M. Zaldarriaga, Phys. Rev. D **102**, no.10, 103024 (2020) doi:10.1103/PhysRevD.102.103024 [arXiv:2003.04513 [gr-qc]].

(506) A. Bakopoulos, P. Kanti and N. Pappas, Phys. Rev. D **101**, no.8, 084059 (2020) doi:10.1103/PhysRevD.101.0 [arXiv:2003.02473 [hep-th]].

(507) V. De Luca, G. Franciolini, P. Pani and A. Riotto, JCAP **04**, 052 (2020) doi:10.1088/1475-7516/2020/04/052 [arXiv:2003.02778 [astro-ph.CO]].

(508) V. B. Adya, M. J. Yap, D. Töyrä, T. G. McRae, P. A. Altin, L. K. Sarre, M. Meijerink, N. Kijbunchoo, B. J. J. Slagmolen and R. L. Ward, *et al.* Class. Quant. Grav. **37**, no.7, 07LT02 (2020) doi:10.1088/1361-6382/ab7615

(509) B. J. Kavanagh, D. A. Nichols, G. Bertone and D. Gaggero, Phys. Rev. D **102**, no.8, 083006 (2020) doi:10.1103/PhysRevD.102.083006 [arXiv:2002.12811 [gr-qc]].

(510) B. Liu and V. Bromm, Mon. Not. Roy. Astron. Soc. **495**, no.2, 2475-2495 (2020) doi:10.1093/mnras/staa1362 [arXiv:2003.00065 [astro-ph.CO]].

(511) H. Li and J. Wang, Int. J. Mod. Phys. D **30**, no.08, 2150060 (2021) doi:10.1142/S0218271821500607 [arXiv:2002.08048 [gr-qc]].

(512) M. Bianchi, A. Grillo and J. F. Morales, JHEP **05**, 078 (2020) doi:10.1007/JHEP05(2020)078 [arXiv:2002.05574 [hep-th]].

(513) C. Dailey, C. Bradley, D. F. Jackson Kimball, I. A. Sulai, S. Pustelny, A. Wickenbrock and A. Derevianko, Nature Astron. **5**, no.2, 150-158 (2021) doi:10.1038/s41550-020-01242-7 [arXiv:2002.04352 [astro-ph.IM]].

(514) L. Boco, A. Lapi and L. Danese, doi:10.3847/1538-4357/ab7446 [arXiv:2002.03645 [astro-ph.GA]].

(515) R. Brito, S. Grillo and P. Pani, Phys. Rev. Lett. **124**, no.21, 211101 (2020) doi:10.1103/PhysRevLett.124.211 [arXiv:2002.04055 [gr-qc]].

(516) R. J. Foley, D. A. Coulter, C. D. Kilpatrick, A. L. Piro, E. Ramirez-Ruiz and J. Schwab, Mon. Not. Roy. Astron. Soc. **494**, no.1, 190-198 (2020) doi:10.1093/mnras/staa725 [arXiv:2002.00956 [astro-ph.HE]].

(517) J. L. Blázquez-Salcedo, F. Scen Khoo and J. Kunz, EPL **130**, no.5, 50002 (2020) doi:10.1209/0295-5075/130/50002 [arXiv:2001.09117 [gr-qc]].

(518) A. Singh, Phys. Lett. B **802**, 135226 (2020) doi:10.1016/j.physletb.2020.135226 [arXiv:2002.07037 [physics.gen-ph]].

(519) D. V. Gal'tsov, Eur. Phys. J. C **80**, no.5, 443 (2020) doi:10.1140/epjc/s10052-020-8017-4 [arXiv:2001.03221 [gr-qc]].

(520) V. Cardoso, F. Duque and T. Ikeda, Phys. Rev. D **101**, no.6, 064054 (2020) doi:10.1103/PhysRevD.101.0640 [arXiv:2001.01729 [gr-qc]].

(521) S. Giri, "New horizons in string theory : bubble babble in search of darkness," PhD Uppsala U. (2020)

(522) J. J. Barragán Amado, "The Painlevé VI tau-function of Kerr-AdS5," doi:10.33612/diss.133164493

(523) F. J. Maldonado Torralba, doi:10.33612/diss.143961423 [arXiv:2101.11523 [gr-qc]].

(524) C. Munna, "Eccentric-orbit binary black hole inspirals: Informing the post-Newtonian expansion through black hole perturbation theory and multipole moment analysis," doi:10.17615/y334-bh86

(525) A. P. K. Sullivan, "Numerical methods for rotating compact objects in modified gravity theories," PhD Montana State U. (2020)

(526) F. Francesco, "Modern topics in black hole physics and cosmology," doi:10.23889/SUthesis.56800

(527) S. Rosswog, IAU Symp. **362**, 382-397 (2020) doi:10.1017/S1743921322001600 [arXiv:2201.05896 [astro-ph.IM]].

(528) D. Wysocki, "Measuring the Population Properties of Merging Compact Binaries with Gravitational Wave Observations," PhD thesis, Rochester Institute of Technology (2020)

(529) A. V. Tutukov and A. M. Cherepashchuk, doi:10.3367/UFNe.2019.03.038547

(530) H. Yan, "Observational signatures of near-extremal rotating black holes," PhD U. Copenhagen (2020)

(531) P. P. Fiziev, [arXiv:1912.13432 [gr-qc]].

(532) P. P. Fiziev, [arXiv:1912.11709 [gr-qc]].

(533) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0 [arXiv:1912.05202 [gr-qc]].

(534) D. Baumann, H. S. Chia, R. A. Porto and J. Stout, Phys. Rev. D **101**, no.8, 083019 (2020) doi:10.1103/PhysRevD.101.083019 [arXiv:1912.04932 [gr-qc]].

(535) F. M. Ramazanoğlu, Turk. J. Phys. **43**, no.6, 586-596 (2019) doi:10.3906/fiz-1908-8

(536) J. Noller, L. Santoni, E. Trincherini and L. G. Trombetta, Phys. Rev. D **101**, 084049 (2020) doi:10.1103/PhysRevD.101.084049 [arXiv:1911.11671 [gr-qc]].

(537) L. Zwick, P. R. Capelo, E. Bortolas, L. Mayer and P. Amaro-Seoane, Mon. Not. Roy. Astron. Soc. **495**, no.2, 2321-2331 (2020) doi:10.1093/mnras/staa1314 [arXiv:1911.06024 [astro-ph.GA]].

(538) A. Guerra Chaves and T. Hinderer, J. Phys. G **46**, no.12, 123002 (2019) doi:10.1088/1361-6471/ab45be [arXiv:1912.01461 [nucl-th]].

(539) M. Guo, S. Song and H. Yan, Phys. Rev. D **101**, no.2, 024055 (2020) doi:10.1103/PhysRevD.101.024055 [arXiv:1911.04796 [gr-qc]].

(540) P. P. Fiziev, Phys. Part. Nucl. **50**, no.6, 944-972 (2019) doi:10.1134/S1063779620010037 [arXiv:1911.04949 [gr-qc]].

(541) B. Canuel, S. Abend, P. Amaro-Seoane, F. Badaracco, Q. Beaufils, A. Bertoldi, K. Bongs, P. Bouyer, C. Braxmaier and W. Chaibi, *et al.* Class. Quant. Grav. **37**, no.22, 225017 (2020) doi:10.1088/1361-6382/aba80e [arXiv:1911.03701 [physics.atom-ph]].

(542) F. Bajardi, K. F. Dialektopoulos and S. Capozziello, Symmetry **12**, no.3, 372 (2020) doi:10.3390/sym12030372 [arXiv:1911.03554 [gr-qc]].

(543) R. C. Bernardo, J. Celestial and I. Vega, Phys. Rev. D **101**, no.2, 024036 (2020) doi:10.1103/PhysRevD.101.024036 [arXiv:1911.01847 [gr-qc]].

(544) J. L. Blázquez-Salcedo, S. Kahlen and J. Kunz, Eur. Phys. J. C **79**, no.12, 1021 (2019) doi:10.1140/epjc/s10052-019-7535-4 [arXiv:1911.01943 [gr-qc]].

(545) D. Andriot and D. Tsimpis, JHEP **06**, 100 (2020) doi:10.1007/JHEP06(2020)100 [arXiv:1911.01444 [hep-th]].

(546) I. Ota and C. Chirenti, Phys. Rev. D **101**, no.10, 104005 (2020) doi:10.1103/PhysRevD.101.104005 [arXiv:1911.00440 [gr-qc]].

(547) A. Bakopoulos, P. Kanti and N. Pappas, Phys. Rev. D **101**, no.4, 044026 (2020) doi:10.1103/PhysRevD.101.0 [arXiv:1910.14637 [hep-th]].

(548) M. Wang, C. Herdeiro and J. Jing, Phys. Rev. D **100**, no.12, 124062 (2019) doi:10.1103/PhysRevD.100.12406 [arXiv:1910.14305 [gr-qc]].

(549) R. Panosso Macedo, Class. Quant. Grav. **37**, no.6, 065019 (2020) doi:10.1088/1361-6382/ab6e3e [arXiv:1910.13452 [gr-qc]].

(550) A. Maselli, P. Pani, L. Gualtieri and E. Berti, Phys. Rev. D **101**, no.2, 024043 (2020) doi:10.1103/PhysRevD.101.024043 [arXiv:1910.12893 [gr-qc]].

(551) V. Cardoso, L. Gualtieri and C. J. Moore, Phys. Rev. D **100**, no.12, 124037 (2019) doi:10.1103/PhysRevD.100.124037 [arXiv:1910.09557 [gr-qc]].

(552) J. L. Blázquez-Salcedo and C. Knoll, Eur. Phys. J. C **80**, no.2, 174 (2020) doi:10.1140/epjc/s10052-020-7706-3 [arXiv:1910.03565 [gr-qc]].

(553) F. M. Ramazanoğlu and K. İ. Ünlütürk, Phys. Rev. D **100**, no.8, 084026 (2019) doi:10.1103/PhysRevD.100.0 [arXiv:1910.02801 [gr-qc]].

(554) A. Greljo, T. Opferkuch and B. A. Stefanek, Phys. Rev. Lett. **124**, no.17, 171802 (2020) doi:10.1103/PhysRevLett.124.171802 [arXiv:1910.02014 [hep-ph]].

(555) C. Kouvaris, E. Papantonopoulos, L. Street and L. C. R. Wijewardhana, Phys. Rev. D **102**, no.6, 063014 (2020) doi:10.1103/PhysRevD.102.063014 [arXiv:1910.00567 [hep-ph]].

(556) A. Maselli, S. Marassi and M. Branchesi, Astron. Astrophys. **635**, A120 (2020) doi:10.1051/0004-6361/201936848 [arXiv:1910.00016 [astro-ph.HE]].

(557) M. Momennia and S. H. Hendi, Eur. Phys. J. C **80**, no.6, 505 (2020) doi:10.1140/epjc/s10052-020-8051-2 [arXiv:1910.00428 [gr-qc]].

(558) N. Bartolo, D. Bertacca, V. De Luca, G. Franciolini, S. Matarrese, M. Peloso, A. Ricciardone, A. Riotto and G. Tasinato, JCAP **02**, 028 (2020) doi:10.1088/1475-7516/2020/02/028 [arXiv:1909.12619 [astro-ph.CO]].

(559) P. A. Cano Molina-Niñirola, [arXiv:1912.07035 [hep-th]].

(560) K. Destounis, [arXiv:1909.08597 [gr-qc]].

(561) D. Guerra, C. F. B. Macedo and P. Pani, JCAP **09**, no.09, 061 (2019) [erratum: JCAP **06**, no.06, E01 (2020)] doi:10.1088/1475-7516/2019/09/061 [arXiv:1909.05515 [gr-qc]].

(562) C. Munna and C. R. Evans, Phys. Rev. D **100**, no.10, 104060 (2019) doi:10.1103/PhysRevD.100.104060 [arXiv:1909.05877 [gr-qc]].

(563) V. Cardoso and A. Maselli, Astron. Astrophys. **644**, A147 (2020) doi:10.1051/0004-6361/202037654 [arXiv:1909.05870 [astro-ph.HE]].

(564) A. A. Coley and G. F. R. Ellis, Class. Quant. Grav. **37**, no.1, 013001 (2020) doi:10.1088/1361-6382/ab49b6 [arXiv:1909.05346 [gr-qc]].

(565) U. Sperhake, W. Cook and D. Wang, Phys. Rev. D **100**, no.10, 104046 (2019) doi:10.1103/PhysRevD.100.104 [arXiv:1909.02997 [gr-qc]].

(566) Z. Bern, J. J. Carrasco, M. Chiodaroli, H. Johansson and R. Roiban, [arXiv:1909.01358 [hep-th]].

(567) V. Baibhav, L. Barack, E. Berti, B. Bonga, R. Brito, V. Cardoso, G. Compère, S. Das, *et al.* Exper. Astron. **51**, no.3, 1385-1416 (2021) doi:10.1007/s10686-021-09741-9 [arXiv:1908.11390 [astro-ph.HE]].

(568) K. Destounis, Phys. Rev. D **100**, no.4, 044054 (2019) doi:10.1103/PhysRevD.100.044054 [arXiv:1908.06117 [gr-qc]].

(569) A. Endrizzi, A. Perego, F. M. Fabbri, L. Branca, D. Radice, S. Bernuzzi, B. Giacomazzo, F. Pederiva and A. Lovato, Eur. Phys. J. A **56**, no.1, 15 (2020) doi:10.1140/epja/s10050-019-00018-6 [arXiv:1908.04952 [astro-ph.HE]].

(570) Z. Bern, C. Cheung, R. Roiban, C. H. Shen, M. P. Solon and M. Zeng, JHEP **10**, 206 (2019) doi:10.1007/JHEP10(2019)206 [arXiv:1908.01493 [hep-th]].

(571) J. Zhang and H. Yang, Phys. Rev. D **101**, no.4, 043020 (2020) doi:10.1103/PhysRevD.101.043020 [arXiv:1907.13582 [gr-qc]].

(572) G. Bertone, D. Croon, M. A. Amin, K. K. Boddy, B. J. Kavanagh, K. J. Mack, P. Natarajan, T. Opferkuch, K. Schutz and V. Takhistov, *et al.* SciPost Phys. Core **3**, 007 (2020) doi:10.21468/SciPostPhysCore.3.2.007 [arXiv:1907.10610 [astro-ph.CO]].

(573) H. M. Siahaan, Eur. Phys. J. C **80**, no.5, 387 (2020) doi:10.1140/epjc/s10052-020-7920-z [arXiv:1907.09372 [gr-qc]].

(574) L. Baiotti, Prog. Part. Nucl. Phys. **109**, 103714 (2019) doi:10.1016/j.ppnp.2019.103714 [arXiv:1907.08534 [astro-ph.HE]].

(575) L. Boco, A. Lapi, S. Goswami, F. Perrotta, C. Baccigalupi and L. Danese, doi:10.3847/1538-4357/ab328e [arXiv:1907.06841 [astro-ph.GA]].

(576) N. Fernandez, "Signature of non-standard cosmologies: from dark matter to primordial black holes," PhD thesis, UNIVERSITY OF CALIFORNIASANTA CRUZ (2019)

(577) A. Delhom, G. J. Olmo and E. Orazi, JHEP **11**, 149 (2019) doi:10.1007/JHEP11(2019)149 [arXiv:1907.04183 [gr-qc]].

(578) N. Tamanini, A. Klein, C. Bonvin, E. Barausse and C. Caprini, Phys. Rev. D **101**, no.6, 063002 (2020) doi:10.1103/PhysRevD.101.063002 [arXiv:1907.02018 [astro-ph.IM]].

(579) H. M. Siahaan, Phys. Rev. D **101**, no.6, 064036 (2020) doi:10.1103/PhysRevD.101.064036 [arXiv:1907.02158 [gr-qc]].

(580) C. Yuan, Z. C. Chen and Q. G. Huang, Phys. Rev. D **100**, no.8, 081301 (2019) doi:10.1103/PhysRevD.100.08 [arXiv:1906.11549 [astro-ph.CO]].

(581) K. W. Tsang, A. Ghosh, A. Samajdar, K. Chatziioannou, S. Mastrogiovanni, M. Agathos and C. Van Den Broeck, Phys. Rev. D **101**, no.6, 064012 (2020) doi:10.1103/PhysRevD.101.064012 [arXiv:1906.11168 [gr-qc]].

(582) A. Castro and V. Godet, SciPost Phys. **8**, no.6, 089 (2020) doi:10.21468/SciPostPhys.8.6.089 [arXiv:1906.09083 [hep-th]].

(583) A. Delhom, C. F. B. Macedo, G. J. Olmo and L. C. B. Crispino, Phys. Rev. D **100**, no.2, 024016 (2019) doi:10.1103/PhysRevD.100.024016 [arXiv:1906.06411 [gr-qc]].

(584) R. McManus, E. Berti, C. F. B. Macedo, M. Kimura, A. Maselli and V. Cardoso, Phys. Rev. D **100**, no.4, 044061 (2019) doi:10.1103/PhysRevD.100.044061 [arXiv:1906.05155 [gr-qc]].

(585) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rev. D **100**, no.4, 044020 (2019) doi:10.1103/PhysRevD.100.044020 [arXiv:1906.04629 [gr-qc]].

(586) G. Gnocchi, A. Maselli, T. Abdelsalhin, N. Giacobbo and M. Mapelli, Phys. Rev. D **100**, no.6, 064024 (2019) doi:10.1103/PhysRevD.100.064024 [arXiv:1905.13460 [gr-qc]].

(587) S. Tanay, A. Klein, E. Berti and A. Nishizawa, Phys. Rev. D **100**, no.6, 064006 (2019) doi:10.1103/PhysRevD.100.064006 [arXiv:1905.08811 [gr-qc]].

(588) W. Yang, S. Vagnozzi, E. Di Valentino, R. C. Nunes, S. Pan and D. F. Mota, JCAP **07**, 037 (2019) doi:10.1088/1475-7516/2019/07/037 [arXiv:1905.08286 [astro-ph.CO]].

(589) A. Maselli, C. Kouvaris and K. D. Kokkotas, Int. J. Mod. Phys. D **30**, no.01, 2150003 (2021) doi:10.1142/S0218271821500036 [arXiv:1905.05769 [astro-ph.CO]].

(590) S. Shankaranarayanan, Int. J. Mod. Phys. D **28**, no.14, 1944020 (2019) doi:10.1142/S0218271819440206 [arXiv:1905.03943 [gr-qc]].

(591) A. Arbey and J. Auffinger, Eur. Phys. J. C **79**, no.8, 693 (2019) doi:10.1140/epjc/s10052-019-7161-1 [arXiv:1905.04268 [gr-qc]].

(592) L. Järv, M. Hohmann, M. Krššák and C. Pfeifer, Universe **5**, 142 (2019) doi:10.3390/universe5060142 [arXiv:1905.03305 [gr-qc]].

(593) A. V. Tutukov, "The Role of Gravitational Radiation in the Evolution of Stars and Galaxies," Astron. Rep. **63**, no.2, 79-93 (2019) doi:10.1134/S1063772919020082

(594) G. Pratten, P. Schmidt and T. Hinderer, Nature Commun. **11**, no.1, 2553 (2020) doi:10.1038/s41467-020-15984-5 [arXiv:1905.00817 [gr-qc]].

(595) P. Schmidt and T. Hinderer, Phys. Rev. D **100**, no.2, 021501 (2019) doi:10.1103/PhysRevD.100.021501 [arXiv:1905.00818 [gr-qc]].

(596) T. Abdelsalhin, [arXiv:1905.00408 [gr-qc]].

(597) P. V. P. Cunha, C. A. R. Herdeiro and E. Radu, Phys. Rev. Lett. **123**, no.1, 011101 (2019) doi:10.1103/PhysRevLett.123.011101 [arXiv:1904.09997 [gr-qc]].

(598) A. Cavaliere, M. Tavani, P. Munar-Adrover and A. Argan, Astrophys. J. Lett. **875**, no.2, L22 (2019) doi:10.3847/2041-8213/ab0e88

(599) O. J. Tattersall and P. G. Ferreira, Phys. Rev. D **99**, no.10, 104082 (2019) doi:10.1103/PhysRevD.99.104082 [arXiv:1904.05112 [gr-qc]].

(600) V. Cardoso and P. Pani, Living Rev. Rel. **22**, no.1, 4 (2019) doi:10.1007/s41114-019-0020-4 [arXiv:1904.05363 [gr-qc]].

(601) S. B. Giddings, S. Koren and G. Treviño, Phys. Rev. D **100**, no.4, 044005 (2019) doi:10.1103/PhysRevD.100.044005 [arXiv:1904.04258 [gr-qc]].

(602) E. Berti, R. Brito, C. F. B. Macedo, G. Raposo and J. L. Rosa, Phys. Rev. D **99**, no.10, 104039 (2019) doi:10.1103/PhysRevD.99.104039 [arXiv:1904.03131 [gr-qc]].

(603) L. A. Ureña-López, JCAP **06**, 009 (2019) doi:10.1088/1475-7516/2019/06/009 [arXiv:1904.03318 [astro-ph.CO]].

(604) K. E. S. Ford, F. Fraschetti, C. Fryer, S. L. Liebling, R. Perna, P. Shawhan, P. Veres and B. Zhang, [arXiv:1903.11116 [astro-ph.HE]].

(605) B. S. Sathyaprakash, A. Buonanno, L. Lehner, C. Van Den Broeck, P. Ajith, A. Ghosh, K. Chatziioannou, P. Pani, M. Puerrer and S. Reddy, *et al.* [arXiv:1903.09221 [astro-ph.HE]].

(606) B. Pang and Y. Chen, Phys. Rev. D **99**, no.12, 124016 (2019) doi:10.1103/PhysRevD.99.124016 [arXiv:1903.09378 [quant-ph]].

(607) K. Lin, W. L. Qian, X. Fan and H. Zhang, Chin. Phys. C **44**, no.7, 071001 (2020) doi:10.1088/1674-1137/44/7/071001 [arXiv:1903.09039 [gr-qc]].

(608) F. Foucart, M. D. Duez, L. E. Kidder, S. Nissanke, H. P. Pfeiffer and M. A. Scheel, Phys. Rev. D **99**, no.10, 103025 (2019) doi:10.1103/PhysRevD.99.103025 [arXiv:1903.09166 [astro-ph.HE]].

(609) R. Emami and A. Loeb, Mon. Not. Roy. Astron. Soc. **502**, no.3, 3932-3941 (2021) doi:10.1093/mnras/stab290 [arXiv:1903.02579 [astro-ph.HE]].

(610) N. Biava, M. Colpi, P. R. Capelo, M. Bonetti, M. Volonteri, T. Tamfal, L. Mayer and A. Sesana, Mon. Not. Roy. Astron. Soc. **487**, no.4, 4985-4994 (2019) doi:10.1093/mnras/stz1614 [arXiv:1903.05682 [astro-ph.GA]].

(611) D. Terno, Phys. Rev. D **100**, no.12, 124025 (2019) doi:10.1103/PhysRevD.100.124025 [arXiv:1903.04744 [gr-qc]].

(612) H. Yan, Phys. Rev. D **99**, no.8, 084050 (2019) doi:10.1103/PhysRevD.99.084050 [arXiv:1903.04382 [gr-qc]].

(613) C. P. L. Berry, S. A. Hughes, C. F. Sopuerta, A. J. K. Chua, A. Heffernan, K. Holley-Bockelmann, D. P. Mihaylov, M. C. Miller and A. Sesana, [arXiv:1903.03686 [astro-ph.HE]].

(614) A. Sullivan, N. Yunes and T. P. Sotiriou, Phys. Rev. D **101**, no.4, 044024 (2020) doi:10.1103/PhysRevD.101.044024 [arXiv:1903.02624 [gr-qc]].

(615) R. Gannouji, Int. J. Mod. Phys. D **28**, no.05, 1942004 (2019) doi:10.1142/S0218271819420045

(616) J. Garcia Tormo, "Black Hole Microstates in the D1-D5 Orbifold CFT," PhD Southampton U. (2019)

(617) L. Blanchet, Comptes Rendus Physique **20**, 507-520 (2019) doi:10.1016/j.crhy.2019.02.004 [arXiv:1902.09801 [gr-qc]].

(618) V. Cardoso, V. F. Foit and M. Kleban, JCAP **08**, 006 (2019) doi:10.1088/1475-7516/2019/08/006 [arXiv:1902.10164 [hep-th]].

(619) C. Shi, J. Bao, H. Wang, J. d. Zhang, Y. Hu, A. Sesana, E. Barausse, J. Mei and J. Luo, Phys. Rev. D **100**, no.4, 044036 (2019) doi:10.1103/PhysRevD.100.044036 [arXiv:1902.08922 [gr-qc]].

(620) E. Bon, P. Marziani, P. Jovanović and N. Bon, Atoms **7**, no.1, 26 (2019) doi:10.3390/atoms7010026

(621) R. C. Bernardo and I. Vega, Phys. Rev. D **99**, no.12, 124049 (2019) doi:10.1103/PhysRevD.99.124049 [arXiv:1902.04988 [gr-qc]].

(622) P. G. S. Fernandes, C. A. R. Herdeiro, A. M. Pombo, E. Radu and N. Sanchis-Gual, Class. Quant. Grav. **36**, no.13, 134002 (2019) [erratum: Class. Quant. Grav. **37**, no.4, 049501 (2020)] doi:10.1088/1361-6382/ab23a1 [arXiv:1902.05079 [gr-qc]].

(623) H. T. Wang, Z. Jiang, A. Sesana, E. Barausse, S. J. Huang, Y. F. Wang, W. F. Feng, Y. Wang, Y. M. Hu and J. Mei, *et al.* Phys. Rev. D **100**, no.4, 043003 (2019) doi:10.1103/PhysRevD.100.043 [arXiv:1902.04423 [astro-ph.HE]].

(624) F. M. Ramazanoğlu, Phys. Rev. D **99**, no.8, 084015 (2019) doi:10.1103/PhysRevD.99.084015 [arXiv:1901.10009 [gr-qc]].

(625) M. W. Coughlin and T. Dietrich, Phys. Rev. D **100**, no.4, 043011 (2019) doi:10.1103/PhysRevD.100.043011 [arXiv:1901.06052 [astro-ph.HE]].

(626) B. Chen, G. Compère, Y. Liu, J. Long and X. Zhang, Class. Quant. Grav. **36**, no.24, 245011 (2019) doi:10.1088/1361-6382/ab4fb0 [arXiv:1901.05370 [gr-qc]].

(627) J. Samsing, T. Venumadhav, L. Dai, I. Martinez, A. Batta, M. Lopez, E. Ramirez-Ruiz and K. Kremer, Phys. Rev. D **100**, no.4, 043009 (2019) doi:10.1103/PhysRevD.100.043009 [arXiv:1901.02889 [astro-ph.HE]].

(628) V. Cardoso, M. Kimura, A. Maselli, E. Berti, C. F. B. Macedo and R. McManus, Phys. Rev. D **99**, no.10, 104077 (2019) doi:10.1103/PhysRevD.99.104077 [arXiv:1901.01265 [gr-qc]].

(629) P. A. Cano and A. Ruipérez, JHEP **05**, 189 (2019) [erratum: JHEP **03**, 187 (2020)] doi:10.1007/JHEP05(2019)189 [arXiv:1901.01315 [gr-qc]].

(630) S. F. Lokhande, "Black Holes And Entanglement,"PhD Amsterdam U. (2019)

(631) M. Hostert, "Hidden Physics at the Neutrino Frontier: Tridents, Dark Forces, and Hidden Particles," PhD Durham U. (2019)

(632) O. J. Tattersall, "Testing gravity with black holes," PhD thesis, Oxford University (2019)

(633) G. Raposo, P. Pani and R. Emparan, Phys. Rev. D **99**, no.10, 104050 (2019) doi:10.1103/PhysRevD.99.10405 [arXiv:1812.07615 [gr-qc]].

(634) K. Inomata and T. Nakama, Phys. Rev. D **99**, no.4, 043511 (2019) doi:10.1103/PhysRevD.99.043511 [arXiv:1812.00674 [astro-ph.CO]].

(635) A. Bakopoulos, G. Antoniou and P. Kanti, Phys. Rev. D **99**, no.6, 064003 (2019) doi:10.1103/PhysRevD.99.064003 [arXiv:1812.06941 [hep-th]].

(636) F. Foucart, M. D. Duez, T. Hinderer, J. Caro, A. R. Williamson, M. Boyle, A. Buonanno, R. Haas, D. A. Hemberger and L. E. Kidder, *et al.* Phys. Rev. D **99**, no.4, 044008 (2019) doi:10.1103/PhysRevD.99.044008 [arXiv:1812.06988 [gr-qc]].

(637) H. O. Silva, C. F. B. Macedo, T. P. Sotiriou, L. Gualtieri, J. Sakstein and E. Berti, Phys. Rev. D **99**, no.6, 064011 (2019) doi:10.1103/PhysRevD.99.064011 [arXiv:1812.05590 [gr-qc]].

(638) L. Bernard, Phys. Rev. D **99**, no.4, 044047 (2019) doi:10.1103/PhysRevD.99.044047 [arXiv:1812.04169 [gr-qc]].

(639) M. Minamitsuji and T. Ikeda, Phys. Rev. D **99**, no.4, 044017 (2019) doi:10.1103/PhysRevD.99.044017 [arXiv:1812.03551 [gr-qc]].

(640) A. W. Graham and R. Soria, Mon. Not. Roy. Astron. Soc. **484**, no.1, 794-813 (2019) doi:10.1093/mnras/sty3398 [arXiv:1812.01231 [astro-ph.HE]].

(641) S. Bhattacharyya and S. Shankaranarayanan, Phys. Rev. D **100**, no.2, 024022 (2019) doi:10.1103/PhysRevD.100.024022 [arXiv:1812.00187 [gr-qc]].

(642) Á. de la Cruz-Dombriz and F. J. Maldonado Torralba, JCAP **03**, 002 (2019) doi:10.1088/1475-7516/2019/03/002 [arXiv:1811.11021 [gr-qc]].

(643) C. Unal, Phys. Rev. D **99**, no.4, 041301 (2019) doi:10.1103/PhysRevD.99.041301 [arXiv:1811.09151 [astro-ph.CO]].

(644) G. Raposo, P. Pani, M. Bezares, C. Palenzuela and V. Cardoso, Phys. Rev. D **99**, no.10, 104072 (2019) doi:10.1103/PhysRevD.99.104072 [arXiv:1811.07917 [gr-qc]].

(645) T. Ikeda, R. Brito and V. Cardoso, Phys. Rev. Lett. **122**, no.8, 081101 (2019) doi:10.1103/PhysRevLett.122. [arXiv:1811.04950 [gr-qc]].

(646) E. Guendelman, E. Nissimov and S. Pacheva, Bulg. J. Phys. **48**, no.2, 087-116 (2021) [arXiv:1811.04487 [gr-qc]].

(647) A. Maselli, P. Pani, V. Cardoso, T. Abdelsalhin, L. Gualtieri and V. Ferrari, Class. Quant. Grav. **36**, no.16, 167001 (2019) doi:10.1088/1361-6382/ab30ff [arXiv:1811.03689 [gr-qc]].

(648) N. Bartolo, V. De Luca, G. Franciolini, A. Lewis, M. Peloso and A. Riotto, Phys. Rev. Lett. **122**, no.21, 211301 (2019) doi:10.1103/PhysRevLett.122.211301 [arXiv:1810.12218 [astro-ph.CO]].

(649) N. Bartolo, V. De Luca, G. Franciolini, M. Peloso, D. Racco and A. Riotto, Phys. Rev. D **99**, no.10, 103521 (2019) doi:10.1103/PhysRevD.99.103521 [arXiv:1810.12224 [astro-ph.CO]].

(650) P. Dayal, E. M. Rossi, B. Shiralilou, O. Piana, T. R. Choudhury and M. Volonteri, Mon. Not. Roy. Astron. Soc. **486**, no.2, 2336-2350 (2019) doi:10.1093/mnras/stz897 [arXiv:1810.11033 [astro-ph.GA]].

(651) M. Kunesch, "Numerical simulations of instabilities in general relativity," doi:10.17863/CAM.30498

(652) I. Soudi, G. Farrugia, V. Gakis, J. Levi Said and E. N. Saridakis, Phys. Rev. D **100**, no.4, 044008 (2019) doi:10.1103/PhysRevD.100.044008 [arXiv:1810.08220 [gr-qc]].

(653) H. Witek, L. Gualtieri, P. Pani and T. P. Sotiriou, Phys. Rev. D **99**, no.6, 064035 (2019) doi:10.1103/PhysRevD.99.064035 [arXiv:1810.05177 [gr-qc]].

(654) V. I. Afonso, G. J. Olmo, E. Orazi and D. Rubiera-Garcia, Phys. Rev. D **99**, no.4, 044040 (2019) doi:10.1103/PhysRevD.99.044040 [arXiv:1810.04239 [gr-qc]].

(655) C. Stelea, M. A. Dariescu and C. Dariescu, Phys. Rev. D **108**, no.8, 084034 (2023) doi:10.1103/PhysRevD.108.084034 [arXiv:1810.02235 [gr-qc]].

(656) G. Bertone and T. Tait, M.P., Nature **562**, no.7725, 51-56 (2018) doi:10.1038/s41586-018-0542-z [arXiv:1810.01668 [astro-ph.CO]].

(657) S. Isoyama, R. Fujita, H. Nakano, N. Sago and T. Tanaka, PTEP **2019**, no.1, 013E01 (2019) doi:10.1093/ptep/pty136 [arXiv:1809.11118 [gr-qc]].

(658) P. Bacon, "Wavelet graphs for the detection of gravitational waves : application to eccentric binary black holes," tel-02341759.

(659) C. F. B. Macedo, Phys. Rev. D **98**, no.8, 084054 (2018) doi:10.1103/PhysRevD.98.084054 [arXiv:1809.08691 [gr-qc]].

(660) C. Pacilio, "Black holes beyond general relativity: theoretical and phenomenological developments," PhD thesis, SISSA, Trieste (2018)

(661) L. Annulli, L. Bernard, D. Blas and V. Cardoso, Phys. Rev. D **98**, no.8, 084001 (2018) doi:10.1103/PhysRevD.98.084001 [arXiv:1809.05108 [gr-qc]].

(662) V. Baibhav and E. Berti, Phys. Rev. D **99**, no.2, 024005 (2019) doi:10.1103/PhysRevD.99.024005 [arXiv:1809.03500 [gr-qc]].

(663) D. Racco, doi:10.13097/archive-ouverte/unige:108633

(664) V. Cardoso, G. Castro and A. Maselli, Phys. Rev. Lett. **121**, no.25, 251103 (2018) doi:10.1103/PhysRevLett.121.251103 [arXiv:1809.00673 [gr-qc]].

(665) L. Gondán and B. Kocsis, Astrophys. J. **871**, no.2, 178 (2019) doi:10.3847/1538-4357/aaf893 [arXiv:1809.00672 [astro-ph.HE]].

(666) E. Guendelman, E. Nissimov and S. Pacheva, Mod. Phys. Lett. A **34**, no.07n08, 1950051 (2019) doi:10.1142/S0217732319500512 [arXiv:1809.00321 [gr-qc]].

(667) M. Bezares and C. Palenzuela, Class. Quant. Grav. **35**, no.23, 234002 (2018) doi:10.1088/1361-6382/aae87c [arXiv:1808.10732 [gr-qc]].

(668) O. J. Tattersall, Phys. Rev. D **98**, no.10, 104013 (2018) doi:10.1103/PhysRevD.98.104013 [arXiv:1808.10758 [gr-qc]].

(669) V. Cardoso, M. Kimura, A. Maselli and L. Senatore, Phys. Rev. Lett. **121**, no.25, 251105 (2018) [erratum: Phys. Rev. Lett. **131**, no.10, 109903 (2023)] doi:10.1103/PhysRevLett.121.251105 [arXiv:1808.08962 [gr-qc]].

(670) L. Sebastiani, L. Vanzo and S. Zerbini, Int. J. Geom. Meth. Mod. Phys. **16**, no.12, 1950181 (2019) doi:10.1142/S0219887819501810 [arXiv:1808.06939 [gr-qc]].

(671) W. G. Cook, D. Wang and U. Sperhake, Class. Quant. Grav. **35**, no.23, 235008 (2018) doi:10.1088/1361-6382/aae995 [arXiv:1808.05834 [gr-qc]].

(672) T. Hinderer, S. Nissanke, F. Foucart, K. Hotokezaka, T. Vincent, M. Kasliwal, P. Schmidt, A. R. Williamson, D. A. Nichols and M. D. Duez, *et al.* Phys. Rev. D **100**, no.6, 06321 (2019) doi:10.1103/PhysRevD.100.063021 [arXiv:1808.03836 [astro-ph.HE]].

(673) D. Gal'tsov and S. Zhidkova, Phys. Lett. B **790**, 453-457 (2019) doi:10.1016/j.physletb.2019.01.061 [arXiv:1808.00492 [hep-th]].

(674) F. Pretorius and W. E. East, Phys. Rev. D **98**, no.8, 084053 (2018) doi:10.1103/PhysRevD.98.084053 [arXiv:1807.11562 [gr-qc]].

(675) M. Celoria, R. Oliveri, A. Sesana and M. Mapelli, [arXiv:1807.11489 [astro-ph.GA]].

(676) F. M. Khan, P. R. Capelo, L. Mayer and P. Berczik, Astrophys. J. **868**, no.2, 97 (2018) doi:10.3847/1538-4357/aae77b [arXiv:1807.11004 [astro-ph.GA]].

(677) J. M. Ezquiaga and M. Zumalacárregui, Front. Astron. Space Sci. **5**, 44 (2018) doi:10.3389/fspas.2018.00044 [arXiv:1807.09241 [astro-ph.CO]].

(678) R. Brito and C. Pacilio, Phys. Rev. D **98**, no.10, 104042 (2018) doi:10.1103/PhysRevD.98.104042 [arXiv:1807.09081 [gr-qc]].

(679) J. Samsing and D. J. D'Orazio, Phys. Rev. D **99**, no.6, 063006 (2019) doi:10.1103/PhysRevD.99.063006 [arXiv:1807.08864 [astro-ph.HE]].

(680) A. A. Coley, Gen. Rel. Grav. **51**, no.6, 78 (2019) doi:10.1007/s10714-019-2559-5 [arXiv:1807.08628 [gr-qc]].

(681) V. I. Afonso, G. J. Olmo, E. Orazi and D. Rubiera-Garcia, Eur. Phys. J. C **78**, no.10, 866 (2018) doi:10.1140/epjc/s10052-018-6356-1 [arXiv:1807.06385 [gr-qc]].

(682) K. H. Lai and T. G. F. Li, Phys. Rev. D **98**, no.8, 084059 (2018) doi:10.1103/PhysRevD.98.084059 [arXiv:1807.01840 [gr-qc]].

(683) L. Heisenberg, Phys. Rept. **796**, 1-113 (2019) doi:10.1016/j.physrep.2018.11.006 [arXiv:1807.01725 [gr-qc]].

(684) F. Foucart, T. Hinderer and S. Nissanke, Phys. Rev. D **98**, no.8, 081501 (2018) doi:10.1103/PhysRevD.98.081 [arXiv:1807.00011 [astro-ph.HE]].

(685) G. Clément and D. Gal'tsov, Class. Quant. Grav. **35**, no.21, 214002 (2018) doi:10.1088/1361-6382/aae4ed [arXiv:1806.11193 [gr-qc]].

(686) N. Sanchis-Gual, C. Herdeiro, J. A. Font, E. Radu and F. Di Giovanni, Phys. Rev. D **99**, no.2, 024017 (2019) doi:10.1103/PhysRevD.99.024017 [arXiv:1806.07779 [gr-qc]].

(687) T. Assumpcao, V. Cardoso, A. Ishibashi, M. Richartz and M. Zilhao, Phys. Rev. D **98**, no.6, 064036 (2018) doi:10.1103/PhysRevD.98.064036 [arXiv:1806.07909 [gr-qc]].

(688) C. M. F. Mingarelli and A. B. Mingarelli, J. Phys. Comm. **2**, no.10, 105002 (2018) doi:10.1088/2399-6528/aae06d [arXiv:1806.06979 [astro-ph.IM]].

(689) D. Wysocki, J. Lange and R. O'Shaughnessy, Phys. Rev. D **100**, no.4, 043012 (2019) doi:10.1103/PhysRevD.100.043012 [arXiv:1805.06442 [gr-qc]].

(690) M. J. Stott and D. J. E. Marsh, Phys. Rev. D **98**, no.8, 083006 (2018) doi:10.1103/PhysRevD.98.083006 [arXiv:1805.02016 [hep-ph]].

(691) R. A. Eisenstein, Annalen Phys. **531**, no.8, 1800348 (2019) doi:10.1002/andp.201800348 [arXiv:1804.07415 [gr-qc]].

(692) R. C. Hilborn, Class. Quant. Grav. **38**, no.8, 085003 (2021) doi:10.1088/1361-6382/abe9f4 [arXiv:1802.01193 [gr-qc]].

(693) K. Dialektopoulos, "Geometric Foundations of Gravity and Applications,"

(694) R. Brito, V. Cardoso and P. Pani, Physics," Lect. Notes Phys. **906**, pp.1-237 (2015) 2020, ISBN 978-3-319-18999-4, 978-3-319-19000-6, 978-3-030-46621-3, 978-3-030-46622-0 doi:10.1007/978-3-319-19000-6 [arXiv:1501.06570 [gr-qc]].

(695) J. D. Bekenstein and R. H. Sanders, Mon. Not. Roy. Astron. Soc. **421**, L59-L61 (2012) doi:10.1111/j.1745-3933.2011.01206.x [arXiv:1110.5048 [astro-ph.CO]].

A.53. G. Gyulchev, P. Nedkova, V. Tinchev and **S. S. Yazadjiev**, "On the shadow of rotating traversable wormholes," Eur. Phys. J. C **78**, no. 7, 544 (2018)

[arXiv:1805.11591 [gr-qc]].

Забелязани независими цитати:

(1) A. Errehymy, S. K. Maurya, G. E. Vîlcu, M. A. Khan and M. Daoud, Astropart. Phys. **160**, 102972 (2024) doi:10.1016/j.astropartphys.2024.102972

(2) S. Kumar, A. Uniyal and S. Chakrabarti, Phys. Dark Univ. **44**, 101472 (2024) doi:10.1016/j.dark.2024.10147 [arXiv:2403.12439 [gr-qc]].

(3) B. Azad, J. L. Blázquez-Salcedo, F. S. Khoo and J. Kunz, [arXiv:2403.08387 [gr-qc]].

(4) R. Ali, X. Tiecheng, R. Babar and A. Ovgun, [arXiv:2402.07657 [gr-qc]].

(5) Q. Sun, Y. Zhang, C. H. Xie and Q. Q. Li, [arXiv:2401.08693 [gr-qc]].

(6) F. S. Khoo, B. Azad, J. L. Blázquez-Salcedo, L. M. González-Romero, B. Kleihaus, J. Kunz and F. Navarro-Lérida, Phys. Rev. D **109**, no.8, 084013 (2024) doi:10.1103/PhysRevD.109.084013 [arXiv:2401.02898 [gr-qc]].

(7) D. Ayzenberg, L. Blackburn, R. Brito, S. Britzen, A. Broderick, R. Carballo-Rubio, V. Cardoso, A. Chael, K. Chatterjee and Y. Chen, *et al.* [arXiv:2312.02130 [astro-ph.HE]].

(8) T. Tangphati, P. Channuie, K. Bamba and D. Momeni, [arXiv:2310.16916 [gr-qc]].

(9) B. Azad, Lect. Notes Phys. **1022**, 3-30 (2023) doi:10.1007/978-3-031-42096-2_1

(10) S. Kumar, A. Uniyal and S. Chakrabarti, Phys. Rev. D **109**, no.10, 104012 (2024) doi:10.1103/PhysRevD.109.104012 [arXiv:2308.05545 [gr-qc]].

(11) M. Wang, G. Guo, P. Yan, S. Chen and J. Jing, [arXiv:2307.16748 [gr-qc]].

(12) T. Tangphati, B. Chaihao, D. Samart, P. Channuie and D. Momeni, Nucl. Phys. B **999**, 116446 (2024) doi:10.1016/j.nuclphysb.2024.116446 [arXiv:2307.13968 [gr-qc]].

(13) A. Cisterna, K. Müller, K. Pallikaris and A. Viganò, Phys. Rev. D **108**, no.2, 024066 (2023) doi:10.1103/PhysRevD.108.024066 [arXiv:2306.14541 [gr-qc]].

(14) N. Parbin, D. J. Gogoi and U. D. Goswami, Phys. Dark Univ. **41**, 101265 (2023) doi:10.1016/j.dark.2023.101265 [arXiv:2305.09157 [gr-qc]].

(15) K. Pal, K. Pal, R. Shaikh and T. Sarkar, JCAP **11**, 060 (2023) doi:10.1088/1475-7516/2023/11/060 [arXiv:2305.07518 [gr-qc]].

(16) H. Huang, J. Kunz, J. Yang and C. Zhang, Phys. Rev. D **107**, no.10, 104060 (2023) doi:10.1103/PhysRevD.107.104060 [arXiv:2303.11885 [gr-qc]].

(17) M. Zeeshan Gul and M. Sharif, Symmetry **15**, no.3, 684 (2023) doi:10.3390/sym15030684 [arXiv:2304.13079 [gr-qc]].

(18) R. Karmakar, D. J. Gogoi and U. D. Goswami, Phys. Dark Univ. **41**, 101249 (2023) doi:10.1016/j.dark.2023.101249 [arXiv:2303.00297 [gr-qc]].

(19) T. Nikolakopoulou, "Wormholes and islands," PhD thesis, Institute for Theoretical Physics Amsterdam (ITFA) (2023)

(20) B. Azad, J. L. Blázquez-Salcedo, X. Y. Chew, J. Kunz and D. h. Yeom, Phys. Rev. D **107**, no.8, 084024 (2023) doi:10.1103/PhysRevD.107.084024 [arXiv:2212.12601 [gr-qc]].

(21) B. Ghosh and S. Mitra, Int. J. Mod. Phys. A **37**, no.34, 2250207 (2022) doi:10.1142/S0217751X22502074 [arXiv:2211.12932 [gr-qc]].

(22) W. Javed, S. Riaz, R. C. Pantig and A. Övgün, Eur. Phys. J. C **82**, no.11, 1057 (2022) doi:10.1140/epjc/s10052-022-11030-4 [arXiv:2212.00804 [gr-qc]].

(23) N. Parbin, D. J. Gogoi, J. Bora and U. D. Goswami, Phys. Dark Univ. **42**, 101315 (2023) doi:10.1016/j.dark.2023.101315 [arXiv:2211.02414 [gr-qc]].

(24) M. R. Neto, D. Pérez and J. Pelle, Int. J. Mod. Phys. D **32**, no.02, 2250137 (2023) doi:10.1142/S0218271822501371 [arXiv:2210.14106 [gr-qc]].

(25) A. Jawad, U. ur Rehman, S. Rani and A. Övgün, Int. J. Mod. Phys. D **31**, no.16, 2250114 (2022) doi:10.1142/S0218271822501140

(26) Y. Feng and W. Nie, Int. J. Theor. Phys. **61**, no.9, 223 (2022) doi:10.1007/s10773-022-05205-8

(27) Z. Hassan, S. Ghosh, P. K. Sahoo and V. S. H. Rao, Gen. Rel. Grav. **55**, no.8, 90 (2023) doi:10.1007/s10714-023-03139-y [arXiv:2209.02704 [gr-qc]].

(28) M. Wang, S. Chen and J. Jing, Sci. China Phys. Mech. Astron. **66**, no.11, 110411 (2023) doi:10.1007/s11433-023-2152-y [arXiv:2208.10219 [gr-qc]].

(29) Q. Li, C. Ma, Y. Zhang, Z. W. Lin and P. F. Duan, Eur. Phys. J. C **82**, no.7, 658 (2022) doi:10.1140/epjc/s10052-022-10623-3 [arXiv:2307.04144 [gr-qc]].

(30) Z. Hassan, S. Ghosh, P. K. Sahoo and K. Bamba, Eur. Phys. J. C **82**, no.12, 1116 (2022) doi:10.1140/epjc/s10052-022-11107-0 [arXiv:2207.09945 [gr-qc]].

(31) R. Karmakar, D. J. Gogoi and U. D. Goswami, doi:10.1142/S0217751X22501809 [arXiv:2206.09081 [gr-qc]].

(32) M. Wang, S. Chen and J. Jing, Commun. Theor. Phys. **74**, no.9, 097401 (2022) doi:10.1088/1572-9494/ac6e5c [arXiv:2205.05855 [gr-qc]].

(33) S. Barton, C. Kiefer, B. Kleihaus and J. Kunz, Eur. Phys. J. C **82**, no.9, 802 (2022) doi:10.1140/epjc/s10052-022-10761-8 [arXiv:2204.08232 [gr-qc]].

(34) B. Bezdekova, V. Perlick and J. Bicak, J. Math. Phys. **63**, no.9, 092501 (2022) doi:10.1063/5.0106433 [arXiv:2204.05593 [gr-qc]].

(35) S. Haroon, "Geodesics and Shadows of Rotating Black Holes," PhD thesis, National University of Science and Technology, Islamabad, Pakistan (2022)

(36) M. Wang, G. Guo, S. Chen and J. Jing, Chin. Phys. C **47**, no.1, 015102 (2023) doi:10.1088/1674-1137/ac94bc [arXiv:2112.04170 [gr-qc]].

(37) G. P. Li and K. J. He, Eur. Phys. J. C **81**, no.11, 1018 (2021) doi:10.1140/epjc/s10052-021-09817-y

(38) N. Godani, Int. J. Geom. Meth. Mod. Phys. **18**, no.13, 2150211 (2021) doi:10.1142/S021988782150211X

(39) X. Y. Chew and K. G. Lim, Phys. Rev. D **105**, no.8, 084058 (2022) doi:10.1103/PhysRevD.105.084058 [arXiv:2109.00262 [gr-qc]].

(40) K. V. Kobyalko and D. V. Gal'tsov, Teor. Mat. Fiz. **208**, no.3, 495-521 (2021) doi:10.1134/S00405779210900

(41) F. Rahaman, K. N. Singh, R. Shaikh, T. Manna and S. Aktar, Class. Quant. Grav. **38**, no.21, 215007 (2021) doi:10.1088/1361-6382/ac213b [arXiv:2108.09930 [gr-qc]].

(42) M. Bouhmadi-López, C. Y. Chen, X. Y. Chew, Y. C. Ong and D. h. Yeom, JCAP **10**, 059 (2021) doi:10.1088/1475-7516/2021/10/059 [arXiv:2108.07302 [gr-qc]].

(43) B. Ghosh and S. Mitra, Mod. Phys. Lett. A **36**, no.23, 23 (2021) doi:10.1142/S0217732321501674 [arXiv:2109.03885 [gr-qc]].

(44) M. S. Churilova, R. A. Konoplya, Z. Stuchlik and A. Zhidenko, JCAP **10**, 010 (2021) doi:10.1088/1475-7516/2021/10/010 [arXiv:2107.05977 [gr-qc]].

(45) K. Jusufi, S. Kumar, M. Azreg-Aïnou, M. Jamil, Q. Wu and C. Bambi, Eur. Phys. J. C **82**, no.7, 633 (2022) doi:10.1140/epjc/s10052-022-10603-7 [arXiv:2106.08070 [gr-qc]].

(46) V. Perlick and O. Y. Tsupko, Phys. Rept. **947**, 1-39 (2022) doi:10.1016/j.physrep.2021.10.004 [arXiv:2105.07101 [gr-qc]].

(47) C. Bambi and D. Stojkovic, Universe **7**, no.5, 136 (2021) doi:10.3390/universe7050136 [arXiv:2105.00881 [gr-qc]].

(48) S. Kasuya and M. Kobayashi, Phys. Rev. D **103**, no.10, 104050 (2021) doi:10.1103/PhysRevD.103.104050 [arXiv:2103.13086 [gr-qc]].

(49) X. Y. Chew, V. Dzhunushaliev, V. Folomeev, B. Kleihaus and J. Kunz, AIP Conf. Proc. **2319**, no.1, 040010 (2021) doi:10.1063/5.0036986

(50) J. Mazza, E. Franzin and S. Liberati, JCAP **04**, 082 (2021) doi:10.1088/1475-7516/2021/04/082 [arXiv:2102.01105 [gr-qc]].

(51) R. K. Karimov, R. N. Izmailov, A. A. Potapov and K. K. Nandi, Eur. Phys. J. C **80**, no.12, 1138 (2020) doi:10.1140/epjc/s10052-020-08717-x [arXiv:2012.13564 [gr-qc]].

(52) J. L. Blázquez-Salcedo, X. Y. Chew, J. Kunz and D. H. Yeom, Eur. Phys. J. C **81**, no.9, 858 (2021) doi:10.1140/epjc/s10052-021-09645-0 [arXiv:2012.06213 [gr-qc]].

(53) N. Godani and G. C. Samanta, Int. J. Mod. Phys. A **35**, no.29, 2050186 (2020) doi:10.1142/S0217751X20501869

(54) E. Contreras, Á. Rincón, G. Panotopoulos and P. Bargueño, Annals Phys. **432**, 168567 (2021) doi:10.1016/j.aop.2021.168567 [arXiv:2010.03734 [gr-qc]].

(55) X. Y. Chew and K. G. Lim, Phys. Rev. D **102**, no.12, 124068 (2020) doi:10.1103/PhysRevD.102.124068 [arXiv:2009.13334 [gr-qc]].

(56) K. Saurabh and K. Jusufi, Eur. Phys. J. C **81**, no.6, 490 (2021) doi:10.1140/epjc/s10052-021-09280-9 [arXiv:2009.10599 [gr-qc]].

(57) K. Jusufi, Gen. Rel. Grav. **53**, no.9, 87 (2021) doi:10.1007/s10714-021-02856-6 [arXiv:2007.16019 [gr-qc]].

(58) S. Paul, Phys. Rev. D **102**, no.6, 064045 (2020) doi:10.1103/PhysRevD.102.064045 [arXiv:2007.05509 [gr-qc]].

(59) A. Övgün and İ. Sakalli, "Testing Generalized Einstein-Cartan-Kibble-Sciama Gravity Using Weak Deflection Angle and Shadow Cast,"Class. Quantum Grav. 37 225003 (2020)

(60) K. Jusufi, M. Jamil and T. Zhu, Eur. Phys. J. C **80**, no.5, 354 (2020) doi:10.1140/epjc/s10052-020-7899-5 [arXiv:2005.05299 [gr-qc]].

(61) A. Övgün and İ. Sakallı, Class. Quant. Grav. **37**, no.22, 225003 (2020) doi:10.1088/1361-6382/abb579 [arXiv:2005.00982 [gr-qc]].

(62) R. Kumar and S. G. Ghosh, Class. Quant. Grav. **38**, no.8, 8 (2021) doi:10.1088/1361-6382/abdd48 [arXiv:2004.07501 [gr-qc]].

(63) S. Sau, I. Banerjee and S. SenGupta, Phys. Rev. D **102**, no.6, 064027 (2020) doi:10.1103/PhysRevD.102.0640 [arXiv:2004.02840 [gr-qc]].

(64) C. Y. Chen, JCAP **05**, 040 (2020) doi:10.1088/1475-7516/2020/05/040 [arXiv:2004.01440 [gr-qc]].

(65) R. C. Pantig and E. T. Rodulfo, Chin. J. Phys. **68**, 236-257 (2020) doi:10.1016/j.cjph.2020.08.001 [arXiv:2003.06829 [gr-qc]].

(66) K. Jusufi, P. Channuie and M. Jamil, Eur. Phys. J. C **80**, no.2, 127 (2020) doi:10.1140/epjc/s10052-020-7690-7 [arXiv:2002.01341 [gr-qc]].

(67) M. Heydari-Fard and F. Eghbalpoor, Iran. J. Phys. Res. **20**, no.4, 737-746 (2020) doi:10.47176/ijpr.20.4.71085

(68) K. Jusufi, Phys. Rev. D **101**, no.8, 084055 (2020) doi:10.1103/PhysRevD.101.084055 [arXiv:1912.13320 [gr-qc]].

(69) O. Y. Tsupko and G. S. Bisnovatyi-Kogan, Int. J. Mod. Phys. D **29**, no.09, 2050062 (2020) doi:10.1142/S0218271820500625 [arXiv:1912.07495 [gr-qc]].

(70) K. Jusufi, M. Jamil, H. Chakrabarty, Q. Wu, C. Bambi and A. Wang, Phys. Rev. D **101**, no.4, 044035 (2020) doi:10.1103/PhysRevD.101.044035 [arXiv:1911.07520 [gr-qc]].

(71) S. Paul, R. Shaikh, P. Banerjee and T. Sarkar, JCAP **03**, 055 (2020) doi:10.1088/1475-7516/2020/03/055 [arXiv:1911.05525 [gr-qc]].

(72) A. H. Ziaie and C. Corda, Mod. Phys. Lett. A **36**, no.40, 2150279 (2021) doi:10.1142/S0217732321502795 [arXiv:1910.01904 [gr-qc]].

(73) R. Shaikh and P. S. Joshi, JCAP **10**, 064 (2019) doi:10.1088/1475-7516/2019/10/064 [arXiv:1909.10322 [gr-qc]].

(74) X. Y. Chew, V. Dzhunushaliev, V. Folomeev, B. Kleihaus and J. Kunz, Phys. Rev. D **100**, no.4, 044019 (2019) doi:10.1103/PhysRevD.100.044019 [arXiv:1906.08742 [gr-qc]].

(75) A. Övgün, İ. Sakallı, J. Saavedra and C. Leiva, Mod. Phys. Lett. A **35**, no.20, 2050163 (2020) doi:10.1142/S0217732320501631 [arXiv:1906.05954 [hep-th]].

(76) E. Contreras, Á. Rincón, G. Panotopoulos, P. Bargueño and B. Koch, Phys. Rev. D **101**, no.6, 064053 (2020) doi:10.1103/PhysRevD.101.064053 [arXiv:1906.06990 [gr-qc]].

(77) E. Contreras, J. M. Ramirez-Velasquez, Á. Rincón, G. Panotopoulos and P. Bargueño, Eur. Phys. J. C **79**, no.9, 802 (2019) doi:10.1140/epjc/s10052-019-7309-z [arXiv:1905.11443 [gr-qc]].

(78) K. Jusufi, M. Jamil, P. Salucci, T. Zhu and S. Haroon, Phys. Rev. D **100**, no.4, 044012 (2019) doi:10.1103/PhysRevD.100.044012 [arXiv:1905.11803 [physics.gen-ph]].

(79) R. Shaikh, P. Banerjee, S. Paul and T. Sarkar, JCAP **07**, 028 (2019) [erratum: JCAP **12**, E01 (2023)] doi:10.1088/1475-7516/2019/07/028 [arXiv:1905.06932 [gr-qc]].

(80) A. Övgün, İ. Sakallı and H. Mutuk, Int. J. Geom. Meth. Mod. Phys. **18**, no.10, 2150154 (2021) doi:10.1142/S0219887821501541 [arXiv:1904.09509 [gr-qc]].

(81) R. Shaikh, Phys. Rev. D **100**, no.2, 024028 (2019) doi:10.1103/PhysRevD.100.024028 [arXiv:1904.08322 [gr-qc]].

(82) S. Haroon, K. Jusufi and M. Jamil, Universe **6**, no.2, 23 (2020) doi:10.3390/universe6020023 [arXiv:1904.00711 [gr-qc]].

(83) R. Shaikh, P. Banerjee, S. Paul and T. Sarkar, Phys. Rev. D **99**, no.10, 104040 (2019) doi:10.1103/PhysRevD.99.104040 [arXiv:1903.08211 [gr-qc]].

(84) K. Jusufi, M. Jamil, P. Salucci, T. Zhu and S. Haroon, Phys. Rev. D **100**, no.4, 044012 (2019) doi:10.1103/PhysRevD.100.044012 [arXiv:1905.11803 [physics.gen-ph]].

(85) R. Shaikh, P. Banerjee, S. Paul and T. Sarkar, Phys. Lett. B **789**, 270-275 (2019) [erratum: Phys. Lett. B **791**, 422-423 (2019)] doi:10.1016/j.physletb.2018.12.030 [arXiv:1811.08245 [gr-qc]].

(86) K. Jusufi, Universe **7**, no.2, 44 (2021) doi:10.3390/universe7020044 [arXiv:1807.09748 [gr-qc]].

(87) A. Övgün, İ. Sakallı and J. Saavedra, JCAP **10**, 041 (2018) doi:10.1088/1475-7516/2018/10/041 [arXiv:1807.00388 [gr-qc]].

(88) J. L. Blázquez-Salcedo, X. Y. Chew and J. Kunz, Phys. Rev. D **98**, no.4, 044035 (2018) doi:10.1103/PhysRevD.98.044035 [arXiv:1806.03282 [gr-qc]].

(89) R. Kumar, B. P. Singh, M. S. Ali and S. G. Ghosh, Phys. Dark Univ. **34**, 100881 (2021) doi:10.1016/j.dark.2021.100881 [arXiv:1712.09793 [gr-qc]].

A.54. K. V. Staykov, D. Popchev, D. D. Doneva and **S. S. Yazadjiev**, "Static and slowly rotating neutron stars in scalar-tensor theory with self-interacting massive scalar field," Eur. Phys. J. C **78**, no. 7, 586 (2018)

[arXiv:1805.07818 [gr-qc]].

Забелязани независими цитати:

(1) I. van Gemeren, T. Hinderer and S. Vandoren, [arXiv:2405.13737 [gr-qc]].

(2) F. Rahimi and Z. Rezaei, [arXiv:2401.13557 [astro-ph.HE]].

(3) K. Springmann, "How Light Scalars Change the Stellar Landscape," PhD thesis, Munich, Tech. U. (2023)

(4) N. Asakawa and Y. Sekiguchi, Phys. Rev. D **108**, no.4, 044060 (2023) doi:10.1103/PhysRevD.108.044060 [arXiv:2308.15052 [gr-qc]].

(5) R. Balkin, J. Serra, K. Springmann, S. Stelzl and A. Weiler, [arXiv:2307.14418 [hep-ph]].

(6) Y. Kehal, K. Nouicer and H. Boumaza, JCAP **05**, 057 (2024) doi:10.1088/1475-7516/2024/05/057 [arXiv:2305.12155 [gr-qc]].

(7) M. K. Jasim, K. N. Singh, A. Errehymy, S. K. Maurya and M. V. Mandke, Universe **9**, no.5, 208 (2023) doi:10.3390/universe9050208

(8) T. Kuroda and M. Shibata, Phys. Rev. D **107**, no.10, 103025 (2023) doi:10.1103/PhysRevD.107.103025 [arXiv:2302.09853 [astro-ph.HE]].

(9) M. Sharif and A. Majid, Chin. J. Phys. **80**, 285-304 (2022) doi:10.1016/j.cjph.2022.09.022 [arXiv:2307.08005 [gr-qc]].

(10) G. G. L. Nashed and S. Nojiri, Fortsch. Phys. **71**, no.2-3, 2200091 (2023) doi:10.1002/prop.202200091 [arXiv:2206.04836 [gr-qc]].

(11) S. Tuna, K. İ. Ünlütürk and F. M. Ramazanoğlu, Phys. Rev. D **105**, no.12, 124070 (2022) doi:10.1103/PhysRevD.105.124070 [arXiv:2204.02138 [gr-qc]].

(12) M. Sharif and A. Majid, Int. J. Mod. Phys. D **31**, no.11, 2240003 (2022) doi:10.1142/S021827182240003X

(13) M. Sharif and A. Majid, Eur. Phys. J. Plus **137**, no.1, 114 (2022) doi:10.1140/epjp/s13360-021-02328-5 [arXiv:2201.00141 [gr-qc]].

(14) A. Majid, "Some Aspects of Self-interacting Brans-Dicke Theory," PhD thesis, Punjab U. (2022)

(15) J. Soldateschi, "Numerical study of the properties of compact objects in general relativity and scalar-tensor theories," PhD thesis, UNIVERSITA DEGLI STUDI DI FIRENZE (2022)

(16) M. Sharif and A. Majid, Astron. Rep. **65**, no.10, 1048-1053 (2021) doi:10.1134/S1063772921100358

(17) M. Sharif and A. Majid, Astrophys. Space Sci. **366**, no.6, 54 (2021) doi:10.1007/s10509-021-03962-2

(18) H. Boumaza, Eur. Phys. J. C **81**, no.5, 448 (2021) doi:10.1140/epjc/s10052-021-09222-5

(19) M. Sharif and A. Majid, Universe **7**, no.6, 161 (2021) doi:10.3390/universe7060161

(20) E.-D. Smyrniotis, "Neutron star models in 4D Gauss-Bonnet gravity constructed with an iterative numerical method," thesis, Aristotle University of Thessaloniki (2021)

(21) G. G. L. Nashed and S. Capozziello, Eur. Phys. J. C **81**, no.5, 481 (2021) doi:10.1140/epjc/s10052-021-09273-8 [arXiv:2105.11975 [gr-qc]].

(22) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(23) K. Yagi and M. Stepniczka, Phys. Rev. D **104**, no.4, 044017 (2021) doi:10.1103/PhysRevD.104.044017 [arXiv:2105.01614 [gr-qc]].

(24) M. Sharif and A. Majid, Phys. Dark Univ. **32**, 100803 (2021) doi:10.1016/j.dark.2021.100803

(25) M. Sharif and A. Majid, Int. J. Mod. Phys. A **36**, no.07, 2150054 (2021) doi:10.1142/S0217751X21500548

(26) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, doi:10.1007/978-3-030-83715-0_22

(27) G. G. L. Nashed and S. Nojiri, Phys. Rev. D **102**, 124022 (2020) doi:10.1103/PhysRevD.102.124022 [arXiv:2012.05711 [gr-qc]].

(28) A. Majid and M. Sharif, Universe **6**, no.8, 124 (2020) doi:10.3390/universe6080124

(29) R. Rosca-Mead, C. J. Moore, U. Sperhake, M. Agathos and D. Gerosa, Symmetry **12**, no.9, 1384 (2020) doi:10.3390/sym12091384 [arXiv:2007.14429 [gr-qc]].

(30) R. Xu, Y. Gao and L. Shao, Phys. Rev. D **102**, no.6, 064057 (2020) doi:10.1103/PhysRevD.102.064057 [arXiv:2007.10080 [gr-qc]].

(31) M. Sharif and A. Majid, Eur. Phys. J. Plus **135**, no.7, 558 (2020) doi:10.1140/epjp/s13360-020-00574-7 [arXiv:2007.06457 [gr-qc]].

(32) M. Sharif and A. Majid, Phys. Dark Univ. **30**, 100610 (2020) doi:10.1016/j.dark.2020.100610 [arXiv:2006.04578 [gr-qc]].

(33) J. Soldateschi, N. Bucciantini and L. Del Zanna, Astron. Astrophys. **640**, A44 (2020) doi:10.1051/0004-6361/202037918 [arXiv:2005.12758 [astro-ph.HE]].

(34) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0 [arXiv:1912.05202 [gr-qc]].

(35) M. A. Sedda, C. P. L. Berry, K. Jani, P. Amaro-Seoane, P. Auclair, J. Baird, T. Baker, E. Berti, K. Breivik and A. Burrows, *et al.* Class. Quant. Grav. **37**, no.21, 215011 (2020) doi:10.1088/1361-6382/abb5c1 [arXiv:1908.11375 [gr-qc]].

(36) R. Kase and S. Tsujikawa, JCAP **09**, 054 (2019) doi:10.1088/1475-7516/2019/09/054 [arXiv:1906.08954 [gr-qc]].

(37) C. F. B. Macedo, J. Sakstein, E. Berti, L. Gualtieri, H. O. Silva and T. P. Sotiriou, Phys. Rev. D **99**, no.10, 104041 (2019) doi:10.1103/PhysRevD.99.104041 [arXiv:1903.06784 [gr-qc]].

(38) A. Savaş Arapoğlu, K. Yavuz Ekşi and A. Emrah Yükselci, Phys. Rev. D **99**, no.6, 064055 (2019) doi:10.1103/PhysRevD.99.064055 [arXiv:1903.00391 [gr-qc]].

(39) P. C. K. Cheong and T. G. F. Li, Phys. Rev. D **100**, no.2, 024027 (2019) doi:10.1103/PhysRevD.100.024027 [arXiv:1812.04835 [gr-qc]].

(40) Z. Rezaei and H. Y. Dezdarani, JCAP **03**, 013 (2019) doi:10.1088/1475-7516/2019/03/013 [arXiv:1811.12090 [astro-ph.HE]].

(41) B. Eslam Panah, T. Yazdizadeh and G. H. Bordbar, Eur. Phys. J. C **79**, no.10, 815 (2019) doi:10.1140/epjc/s10052-019-7331-1 [arXiv:1810.07519 [physics.gen-ph]].

(42) B. Turimov, B. Ahmedov, M. Kološ and Z. Stuchlík, Phys. Rev. D **98**, no.8, 084039 (2018) doi:10.1103/PhysRevD.98.084039 [arXiv:1810.01460 [gr-qc]].

A.55. J. L. Bl?zquez-Salcedo, D. D. Doneva, J. Kunz and **S. S. Yazadjiev**, "Radial perturbations of the scalarized Einstein-Gauss-Bonnet black holes," Phys. Rev. D **98**, no. 8, 084011 (2018) [arXiv:1805.05755 [gr-qc]].

Забелязани независими цитати:

(1) M. Carrasco-H., N.M. Santos, E. Contreras, Physics of the Dark Universe (2024); https://doi.org/10.1016/j.dark.2024.101529

(2) F. Thaalba, G. Ventagli and T. P. Sotiriou, [arXiv:2405.10287 [gr-qc]].

(3) Y. H. Hyun, B. Latosh and M. Park, [arXiv:2405.08769 [hep-th]].

(4) X. Y. Chew and Y. S. Myung, [arXiv:2405.04921 [gr-qc]].

(5) C. Y. Chen, A. De Felice and S. Tsujikawa, [arXiv:2404.09377 [gr-qc]].

(6) G. Antoniou, C. F. B. Macedo, A. Maselli and T. P. Sotiriou, [arXiv:2404.02479 [gr-qc]].

(7) X. P. Rao, H. Huang and J. Yang, [arXiv:2403.11770 [gr-qc]].

(8) M. Minamitsuji, S. Mukohyama and S. Tsujikawa, [arXiv:2403.10048 [gr-qc]].

(9) M. Minamitsuji and K. i. Maeda, [arXiv:2403.08986 [gr-qc]].

(10) H. Guo, W. L. Qian and B. Wang, [arXiv:2401.09846 [gr-qc]].

(11) W. Xiong, C. Y. Zhang and P. C. Li, [arXiv:2312.11879 [gr-qc]].

(12) S. Kiorpelidi, T. Karakasis, G. Koutsoumbas and E. Papantonopoulos, Phys. Rev. D **109**, no.2, 024033 (2024) doi:10.1103/PhysRevD.109.024033 [arXiv:2311.10858 [gr-qc]].

(13) P. Cañate, Phys. Rev. D **108**, no.10, 104048 (2023) doi:10.1103/PhysRevD.108.104048 [arXiv:2310.08758 [gr-qc]].

(14) M. Elley, "Simulating Scalar Fields in Astrophysical and Cosmological Settings," PhD thesis, King's College London (2023)

(15) M. Minamitsuji and K. i. Maeda, Phys. Rev. D **108**, no.8, 084061 (2023) doi:10.1103/PhysRevD.108.084061 [arXiv:2308.01082 [gr-qc]].

(16) G. Antoniou, [arXiv:2308.03501 [gr-qc]].

(17) Y. S. Myung, [arXiv:2307.04060 [gr-qc]].

(18) Q. Chen, Z. Ning, Y. Tian, B. Wang and C. Y. Zhang, Phys. Rev. D **108**, no.8, 084016 (2023) doi:10.1103/PhysRevD.108.084016 [arXiv:2307.03060 [gr-qc]].

(19) J. Y. Jiang, Q. Chen, Y. Liu, Y. Tian, W. Xiong, C. Y. Zhang and B. Wang, Sci. China Phys. Mech. Astron. **67**, no.2, 220411 (2024) doi:10.1007/s11433-023-2231-5 [arXiv:2306.10371 [gr-qc]].

(20) B. Latosh and M. Park, [arXiv:2305.19814 [hep-th]].

(21) M. Minamitsuji and S. Mukohyama, Phys. Rev. D **108**, no.2, 024029 (2023) doi:10.1103/PhysRevD.108.0240 [arXiv:2305.05185 [gr-qc]].

(22) W. Xiong and P. C. Li, Phys. Rev. D **108**, no.4, 044064 (2023) doi:10.1103/PhysRevD.108.044064 [arXiv:2305.04040 [gr-qc]].

(23) M. Y. Lai, D. C. Zou, R. H. Yue and Y. S. Myung, Phys. Rev. D **108**, no.8, 084007 (2023) doi:10.1103/PhysRevD.108.084007 [arXiv:2304.08012 [gr-qc]].

(24) N. Heidari and H. Hassanabadi, Phys. Lett. B **839**, 137814 (2023) doi:10.1016/j.physletb.2023.137814

(25) R. Kase and S. Tsujikawa, Phys. Rev. D **107**, no.10, 104045 (2023) doi:10.1103/PhysRevD.107.104045 [arXiv:2301.10362 [gr-qc]].

(26) D. C. Zou, B. Meng, M. Zhang, S. Y. Li, M. Y. Lai and Y. S. Myung, Universe **9**, 26 (2023) doi:10.3390/universe9010026 [arXiv:2301.04784 [gr-qc]].

(27) P. Da Silva Fernandes, "Gauss-Bonnet Theories of Gravity in Four Dimensions," PhD thesis, Queen Mary, U. of London (2023)

(28) G. Antoniou, A. Papageorgiou and P. Kanti, Universe **9**, no.3, 147 (2023) doi:10.3390/universe9030147 [arXiv:2210.17533 [gr-qc]].

(29) C. Vlachos, PhD thesis, National Technical University of Athens (2023)

(30) Y. Liu, C. Y. Zhang, Q. Chen, Z. Cao, Y. Tian and B. Wang, Sci. China Phys. Mech. Astron. **66**, no.10, 100412 (2023) doi:10.1007/s11433-023-2160-1 [arXiv:2208.07548 [gr-qc]].

(31) G. Ventagli, [arXiv:2209.15330 [gr-qc]].

(32) M. M. Khalil, "Analytical modeling of compact binaries in general relativity and modified gravity theories," PhD thesis, Maryland U. (2022) doi:10.13016/nj5r-bfj5

(33) P. G. S. Fernandes, D. J. Mulryne and J. F. M. Delgado, Class. Quant. Grav. **39**, no.23, 235015 (2022) doi:10.1088/1361-6382/aca010 [arXiv:2207.10692 [gr-qc]].

(34) M. Minamitsuji and S. Tsujikawa, Phys. Rev. D **106**, no.6, 064008 (2022) doi:10.1103/PhysRevD.106.064008 [arXiv:2207.04461 [gr-qc]].

(35) W. K. Luo, C. Y. Zhang, P. Liu, C. Niu and B. Wang, Phys. Rev. D **106**, no.6, 064036 (2022) doi:10.1103/PhysRevD.106.064036 [arXiv:2206.05690 [gr-qc]].

(36) Y. Liu, C. Y. Zhang, W. L. Qian, K. Lin and B. Wang, JHEP **01**, 074 (2023) doi:10.1007/JHEP01(2023)074 [arXiv:2206.05012 [gr-qc]].

(37) M. Elley, H. O. Silva, H. Witek and N. Yunes, Phys. Rev. D **106**, no.4, 044018 (2022) doi:10.1103/PhysRevD.106.044018 [arXiv:2205.06240 [gr-qc]].

(38) M. Minamitsuji, K. Takahashi and S. Tsujikawa, Phys. Rev. D **106**, no.4, 044003 (2022) doi:10.1103/PhysRevD.106.044003 [arXiv:2204.13837 [gr-qc]].

(39) L. K. Wong, C. A. R. Herdeiro and E. Radu, Phys. Rev. D **106**, no.2, 024008 (2022) doi:10.1103/PhysRevD.106.024008 [arXiv:2204.09038 [gr-qc]].

(40) C. A. R. Herdeiro, Lect. Notes Phys. **1017**, 315-331 (2023) doi:10.1007/978-3-031-31520-6_8 [arXiv:2204.05640 [gr-qc]].

(41) G. Antoniou, C. F. B. Macedo, R. McManus and T. P. Sotiriou, Phys. Rev. D **106**, no.2, 024029 (2022) doi:10.1103/PhysRevD.106.024029 [arXiv:2204.01684 [gr-qc]].

(42) L. Annulli, C. A. R. Herdeiro and E. Radu, Phys. Lett. B **832**, 137227 (2022) doi:10.1016/j.physletb.2022.137 [arXiv:2203.13267 [gr-qc]].

(43) J. F. M. Delgado, "Spinning black holes with scalar hair and horizonless compact objects within and beyond general relativity," [arXiv:2204.02419 [gr-qc]].

(44) D. C. Moreira, F. A. Brito and D. Bazeia, Nucl. Phys. B **987**, 116090 (2023) doi:10.1016/j.nuclphysb.2023.11
[arXiv:2203.02803 [hep-th]].

(45) F. L. Julié, H. O. Silva, E. Berti and N. Yunes, Phys. Rev. D **105**, no.12, 124031 (2022) doi:10.1103/PhysRevD.105.124031 [arXiv:2202.01329 [gr-qc]].

(46) A. Pombo, "Black holes and solitonic objects with bosonic fields, " PhD Thesis, University of Aveiro (2022)

(47) G. Guo, P. Wang, H. Wu and H. Yang, JHEP **06**, 060 (2022) doi:10.1007/JHEP06(2022)060 [arXiv:2112.14133 [gr-qc]].

(48) C. Y. Zhang, P. Liu, Y. Liu, C. Niu and B. Wang, Phys. Rev. D **105**, no.2, 024073 (2022) doi:10.1103/PhysRevD.105.024073 [arXiv:2111.10744 [gr-qc]].

(49) C. A. R. Herdeiro, A. M. Pombo and E. Radu, Universe **7**, no.12, 483 (2021) doi:10.3390/universe7120483 [arXiv:2111.06442 [gr-qc]].

(50) G. Ventagli, G. Antoniou, A. Lehébel and T. P. Sotiriou, Phys. Rev. D **104**, no.12, 124078 (2021) doi:10.1103/PhysRevD.104.124078 [arXiv:2111.03644 [gr-qc]].

(51) L. Annulli, "Challenging theories of gravitation: dark matter, compact objects and gravitational waves," [arXiv:2110.02704 [gr-qc]].

(52) N. Sennett, "Probing Fundamental Physics With Gravitational Waves From Inspiraling Binary Systems," PhD thesis, Maryland U. (2021) doi:10.13016/y0rz-gogy

(53) A. Dima, "Testing the gravitational phenomenology of compact objects: superradiance, scalarization and screening mechanisms," PhD thesis, SISSA, Trieste (2021)

(54) T. Anson, "Black holes, stars and cosmology in scalar-tensor theories," PhD thesis, IJCLab, Orsay (2021) 2021UPASP067, tel-03374009.

(55) A. Bryant, H. O. Silva, K. Yagi and K. Glampedakis, Phys. Rev. D **104**, no.4, 044051 (2021) doi:10.1103/PhysRevD.104.044051 [arXiv:2106.09657 [gr-qc]].

(56) M. Herrero-Valea, JHEP **03**, 075 (2022) doi:10.1007/JHEP03(2022)075 [arXiv:2106.08344 [gr-qc]].

(57) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(58) W. E. East and J. L. Ripley, Phys. Rev. Lett. **127**, no.10, 101102 (2021) doi:10.1103/PhysRevLett.127.10110
[arXiv:2105.08571 [gr-qc]].

(59) R. Wildenberg, "About the effect of higher-curvature gravity on the shadow of a black hole," thesis, Utrecht University (2021)

(60) G. Antoniou, A. Lehébel, G. Ventagli and T. P. Sotiriou, Phys. Rev. D **104**, no.4, 044002 (2021) doi:10.1103/PhysRevD.104.044002 [arXiv:2105.04479 [gr-qc]].

(61) C. Herdeiro, E. Radu and D. H. Tchrakian, Symmetry **13**, no.4, 590 (2021) doi:10.3390/sym13040590 [arXiv:2104.01547 [gr-qc]].

(62) C. Y. Zhang, P. Liu, Y. Liu, C. Niu and B. Wang, Phys. Rev. D **104**, no.8, 084089 (2021) doi:10.1103/PhysRevD.104.084089 [arXiv:2103.13599 [gr-qc]].

(63) S. Barton, B. Hartmann, B. Kleihaus , Phys. Lett. B **817**, 136336 (2021) doi:10.1016/j.physletb.2021.136336
[arXiv:2103.01651 [gr-qc]].

(64) Y. X. Gao and Y. Xie, Phys. Rev. D **103**, no.4, 043008 (2021) doi:10.1103/PhysRevD.103.043008

(65) G. Guo, P. Wang, H. Wu and H. Yang, Eur. Phys. J. C **81**, no.10, 864 (2021) doi:10.1140/epjc/s10052-021-09614-7 [arXiv:2102.04015 [gr-qc]].

(66) J. M. d. Oliveira, "Aspects of Einstein-Maxwell-scalar models: solitons, duality and scalarisation," PhD thesis, University of Aveiro (2020)

(67) Y. S. Myung and D. C. Zou, Phys. Rev. D **103**, no.2, 024010 (2021) doi:10.1103/PhysRevD.103.024010 [arXiv:2011.09665 [gr-qc]].

(68) S. Jiang, "Spontaneous Scalarization of Charged Gauss-Bonnet Black Holes: Analytic Treatment," [arXiv:2011.03998 [gr-qc]].

(69) S. J. Zhang, B. Wang, A. Wang and J. F. Saavedra, Phys. Rev. D **102**, no.12, 124056 (2020) doi:10.1103/PhysRevD.102.124056 [arXiv:2010.05092 [gr-qc]].

(70) P. Cañate and S. E. Perez Bergliaffa, Phys. Rev. D **102**, no.10, 104038 (2020) doi:10.1103/PhysRevD.102.104 [arXiv:2010.04858 [gr-qc]].

(71) M. Heydari-Fard and H. R. Sepangi, Phys. Lett. B **816**, 136276 (2021) doi:10.1016/j.physletb.2021.136276 [arXiv:2009.13748 [gr-qc]].

(72) A. Bakopoulos, "Black holes and wormholes in the Einstein-scalar-Gauss-Bonnet generalized theories of gravity," doi:10.12681/eadd/48145 [arXiv:2010.13189 [gr-qc]].

(73) C. A. R. Herdeiro, T. Ikeda, M. Minamitsuji, T. Nakamura and E. Radu, Phys. Rev. D **103**, no.4, 044019 (2021) doi:10.1103/PhysRevD.103.044019 [arXiv:2009.06971 [gr-qc]].

(74) C. A. R. Herdeiro, E. Radu, H. O. Silva, T. P. Sotiriou and N. Yunes, Phys. Rev. Lett. **126**, no.1, 011103 (2021) doi:10.1103/PhysRevLett.126.011103 [arXiv:2009.03904 [gr-qc]].

(75) E. Berti, L. G. Collodel, B. Kleihaus and J. Kunz, Phys. Rev. Lett. **126**, no.1, 011104 (2021) doi:10.1103/PhysRevLett.126.011104 [arXiv:2009.03905 [gr-qc]].

(76) D. Astefanesei, J. Luis Blázquez-Salcedo, F. Gómez and R. Rojas, JHEP **02**, 233 (2021) doi:10.1007/JHEP02(2021)233 [arXiv:2009.01854 [hep-th]].

(77) D. Astefanesei, C. Herdeiro, J. Oliveira and E. Radu, JHEP **09**, 186 (2020) doi:10.1007/JHEP09(2020)186 [arXiv:2007.04153 [gr-qc]].

(78) Y. Peng, Eur. Phys. J. C **80**, no.6, 575 (2020) doi:10.1140/epjc/s10052-020-8167-4

(79) R. Ibadov, B. Kleihaus, J. Kunz and S. Murodov, Phys. Rev. D **102**, no.6, 064010 (2020) doi:10.1103/PhysRevD.102.064010 [arXiv:2006.13008 [gr-qc]].

(80) H. Guo, S. Kiorpelidi, X. M. Kuang, E. Papantonopoulos, B. Wang and J. P. Wu, Phys. Rev. D **102**, no.8, 084029 (2020) doi:10.1103/PhysRevD.102.084029 [arXiv:2006.10659 [hep-th]].

(81) A. Dima, E. Barausse, N. Franchini and T. P. Sotiriou, Phys. Rev. Lett. **125**, no.23, 231101 (2020) doi:10.1103/PhysRevLett.125.231101 [arXiv:2006.03095 [gr-qc]].

(82) G. Ventagli, A. Lehébel and T. P. Sotiriou, Phys. Rev. D **102**, no.2, 024050 (2020) doi:10.1103/PhysRevD.102.024050 [arXiv:2006.01153 [gr-qc]].

(83) B. Kleihaus, J. Kunz and P. Kanti, Phys. Rev. D **102**, no.2, 024070 (2020) doi:10.1103/PhysRevD.102.024070 [arXiv:2005.07650 [gr-qc]].

(84) D. C. Zou and Y. S. Myung, Phys. Rev. D **102**, no.6, 064011 (2020) doi:10.1103/PhysRevD.102.064011 [arXiv:2005.06677 [gr-qc]].

(85) J. L. Ripley and F. Pretorius, Class. Quant. Grav. **37**, no.15, 155003 (2020) doi:10.1088/1361-6382/ab9bbb [arXiv:2005.05417 [gr-qc]].

(86) G. Antoniou, L. Bordin and T. P. Sotiriou, Phys. Rev. D **103**, no.2, 024012 (2021) doi:10.1103/PhysRevD.103.024012 [arXiv:2004.14985 [gr-qc]].

(87) Y. Peng, Phys. Lett. B **807**, 135569 (2020) doi:10.1016/j.physletb.2020.135569 [arXiv:2004.12566 [gr-qc]].

(88) F. L. Julié and E. Berti, Phys. Rev. D **101**, no.12, 124045 (2020) doi:10.1103/PhysRevD.101.124045 [arXiv:2004.00003 [gr-qc]].

(89) A. Bakopoulos, P. Kanti and N. Pappas, Phys. Rev. D **101**, no.8, 084059 (2020) doi:10.1103/PhysRevD.101.0 [arXiv:2003.02473 [hep-th]].

(90) C. F. B. Macedo, Int. J. Mod. Phys. D **29**, no.11, 2041006 (2020) doi:10.1142/S0218271820410060 [arXiv:2002.12719 [gr-qc]].

(91) J. F. M. Delgado, C. A. R. Herdeiro and E. Radu, JHEP **04**, 180 (2020) doi:10.1007/JHEP04(2020)180 [arXiv:2002.05012 [gr-qc]].

(92) S. Alexeyev and M. Sendyuk, Universe **6**, no.2, 25 (2020) doi:10.3390/universe6020025

(93) J. L. Ripley, "General relativity and its classical modification in gravitational collapse," PhD thesis, Princeton U. (2020)

(94) F. Corelli, "Instability of Schwarzschild Black Holes in Einstein-scalar-Gauss-Bonnet Gravity: Perturbative Approach and Time-Domain Analysis," [arXiv:2112.12048 [gr-qc]].

(95) Y. Peng, Phys. Lett. B **804**, 135372 (2020) doi:10.1016/j.physletb.2020.135372 [arXiv:1912.11989 [gr-qc]].

(96) L. G. Collodel, B. Kleihaus, J. Kunz and E. Berti, Class. Quant. Grav. **37**, no.7, 075018 (2020) doi:10.1088/1361-6382/ab74f9 [arXiv:1912.05382 [gr-qc]].

(97) D. Astefanesei, J. L. Blázquez-Salcedo, C. Herdeiro, E. Radu and N. Sanchis-Gual, JHEP **07**, 063 (2020) doi:10.1007/JHEP07(2020)063 [arXiv:1912.02192 [gr-qc]].

(98) A. Bakopoulos, P. Kanti and N. Pappas, Phys. Rev. D **101**, no.4, 044026 (2020) doi:10.1103/PhysRevD.101.0 [arXiv:1910.14637 [hep-th]].

(99) Y. Brihaye, C. Herdeiro and E. Radu, Phys. Lett. B **802**, 135269 (2020) doi:10.1016/j.physletb.2020.135269 [arXiv:1910.05286 [gr-qc]].

(100) B. Kleihaus, J. Kunz and P. Kanti, Phys. Lett. B **804**, 135401 (2020) doi:10.1016/j.physletb.2020.135401 [arXiv:1910.02121 [gr-qc]].

(101) J. Barrientos, F. Cordonier-Tello, C. Corral, F. Izaurieta, P. Medina, E. Rodríguez and O. Valdivia, Phys. Rev. D **100**, no.12, 124039 (2019) doi:10.1103/PhysRevD.100.124039 [arXiv:1910.00148 [gr-qc]].

(102) F. L. Julié and E. Berti, Phys. Rev. D **100**, no.10, 104061 (2019) doi:10.1103/PhysRevD.100.104061 [arXiv:1909.05258 [gr-qc]].

(103) X. Q. Li, B. Chen and L. l. Xing, Eur. Phys. J. Plus **137**, no.10, 1167 (2022) doi:10.1140/epjp/s13360-022-03379-y [arXiv:1908.09827 [gr-qc]].

(104) Y. X. Gao and D. J. Liu,"Analytically approximated scalarized black holes and their thermodynamic stability," [arXiv:1908.01346 [gr-qc]].

(105) M. Khalil, N. Sennett, J. Steinhoff and A. Buonanno, Phys. Rev. D **100**, no.12, 124013 (2019) doi:10.1103/PhysRevD.100.124013 [arXiv:1906.08161 [gr-qc]].

(106) W. Javed, j. Abbas and A. Övgün, Phys. Rev. D **100**, no.4, 044052 (2019) doi:10.20944/preprints201906.0101 [arXiv:1908.05241 [gr-qc]].

(107) G. Antoniou, A. Bakopoulos, P. Kanti, B. Kleihaus and J. Kunz, Phys. Rev. D **101**, no.2, 024033 (2020) doi:10.1103/PhysRevD.101.024033 [arXiv:1904.13091 [hep-th]].

(108) P. V. P. Cunha, C. A. R. Herdeiro and E. Radu, Phys. Rev. Lett. **123**, no.1, 011101 (2019) doi:10.1103/PhysRevLett.123.011101 [arXiv:1904.09997 [gr-qc]].

(109) Y. S. Myung and D. C. Zou, Eur. Phys. J. C **79**, no.8, 641 (2019) doi:10.1140/epjc/s10052-019-7176-7 [arXiv:1904.09864 [gr-qc]].

(110) M. Minamitsuji and T. Ikeda, Phys. Rev. D **99**, no.10, 104069 (2019) doi:10.1103/PhysRevD.99.104069 [arXiv:1904.06572 [gr-qc]].

(111) N. Andreou, N. Franchini, G. Ventagli and T. P. Sotiriou, Phys. Rev. D **99**, no.12, 124022 (2019) [erratum: Phys. Rev. D **101**, no.10, 109903 (2020)] doi:10.1103/PhysRevD.99.124022 [arXiv:1904.06365 [gr-qc]].

(112) Y. S. Myung and D. C. Zou, Int. J. Mod. Phys. D **28**, no.09, 1950114 (2019) doi:10.1142/S0218271819501141 [arXiv:1903.08312 [gr-qc]].

(113) C. F. B. Macedo, J. Sakstein, E. Berti, L. Gualtieri, H. O. Silva and T. P. Sotiriou, Phys. Rev. D **99**, no.10, 104041 (2019) doi:10.1103/PhysRevD.99.104041 [arXiv:1903.06784 [gr-qc]].

(114) N. Franchini and T. P. Sotiriou, Phys. Rev. D **101**, no.6, 064068 (2020) doi:10.1103/PhysRevD.101.064068 [arXiv:1903.05427 [gr-qc]].

(115) T. Anson, E. Babichev, C. Charmousis and S. Ramazanov, JCAP **06**, 023 (2019) doi:10.1088/1475-7516/2019/06/023 [arXiv:1903.02399 [gr-qc]].

(116) C. A. R. Herdeiro and J. M. S. Oliveira, Class. Quant. Grav. **36**, no.10, 105015 (2019) doi:10.1088/1361-6382/ab1859 [arXiv:1902.07721 [gr-qc]].

(117) P. G. S. Fernandes, C. A. R. Herdeiro, A. M. Pombo, E. Radu and N. Sanchis-Gual, Class. Quant. Grav. **36**, no.13, 134002 (2019) [erratum: Class. Quant. Grav. **37**, no.4, 049501 (2020)] doi:10.1088/1361-6382/ab23a1 [arXiv:1902.05079 [gr-qc]].

(118) F. M. Ramazanoğlu, Phys. Rev. D **99**, no.8, 084015 (2019) doi:10.1103/PhysRevD.99.084015 [arXiv:1901.10009 [gr-qc]].

(119) C. A. R. Herdeiro and E. Radu, Phys. Rev. D **99**, no.8, 084039 (2019) doi:10.1103/PhysRevD.99.084039 [arXiv:1901.02953 [gr-qc]].

(120) A. Bakopoulos, G. Antoniou and P. Kanti, Phys. Rev. D **99**, no.6, 064003 (2019) doi:10.1103/PhysRevD.99.064003 [arXiv:1812.06941 [hep-th]].

(121) H. O. Silva, C. F. B. Macedo, T. P. Sotiriou, L. Gualtieri, J. Sakstein and E. Berti, Phys. Rev. D **99**, no.6, 064011 (2019) doi:10.1103/PhysRevD.99.064011 [arXiv:1812.05590 [gr-qc]].

(122) Y. S. Myung and D. C. Zou, Phys. Lett. B **790**, 400-407 (2019) doi:10.1016/j.physletb.2019.01.046 [arXiv:1812.03604 [gr-qc]].

(123) M. Minamitsuji and T. Ikeda, Phys. Rev. D **99**, no.4, 044017 (2019) doi:10.1103/PhysRevD.99.044017 [arXiv:1812.03551 [gr-qc]].

(124) J. L. Blázquez-Salcedo and C. Knoll, Class. Quant. Grav. **36**, no.10, 105012 (2019) doi:10.1088/1361-6382/ab1882 [arXiv:1811.02014 [gr-qc]].

(125) Y. Brihaye, C. Herdeiro and E. Radu, Phys. Lett. B **788**, 295-301 (2019) doi:10.1016/j.physletb.2018.11.022 [arXiv:1810.09560 [gr-qc]].

(126) H. Witek, L. Gualtieri, P. Pani and T. P. Sotiriou, Phys. Rev. D **99**, no.6, 064035 (2019) doi:10.1103/PhysRevD.99.064035 [arXiv:1810.05177 [gr-qc]].

(127) Y. S. Myung and D. C. Zou, Eur. Phys. J. C **79**, no.3, 273 (2019) doi:10.1140/epjc/s10052-019-6792-6 [arXiv:1808.02609 [gr-qc]].

(128) C. A. R. Herdeiro, E. Radu, N. Sanchis-Gual and J. A. Font, Phys. Rev. Lett. **121**, no.10, 101102 (2018) doi:10.1103/PhysRevLett.121.101102 [arXiv:1806.05190 [gr-qc]].

A.56. J. L. Bl?zquez-Salcedo, D. D. Doneva, J. Kunz, K. V. Staykov and **S. S. Yazadjiev**, "Axial quasinormal modes of neutron stars in R^2 gravity," Phys. Rev. D **98**, no. 10, 104047 (2018) [arXiv:1804.04060 [gr-qc]].

Забелязани независими цитати:

(1) F. S. Khoo, Lect. Notes Phys. **1022**, 155-171 (2023) doi:10.1007/978-3-031-42096-2_6

(2) S. Ponglertsakul, P. Burikham and S. Pinkanjanarod, Phys. Rev. D **107**, no.2, 023020 (2023) doi:10.1103/PhysRevD.107.023020 [arXiv:2208.02761 [gr-qc]].

(3) T. Y. Li, S. P. Zhao and X. Li, Phys. Rev. D **105**, no.10, 104042 (2022) doi:10.1103/PhysRevD.105.104042

(4) H. Boumaza, Phys. Rev. D **105**, no.4, 044052 (2022) doi:10.1103/PhysRevD.105.044052 [arXiv:2110.14480 [gr-qc]].

(5) R. F. P. Mendes, N. Ortiz and N. Stergioulas, Phys. Rev. D **104**, no.10, 104036 (2021) doi:10.1103/PhysRevD.104.104036 [arXiv:2107.07036 [gr-qc]].

(6) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(7) G. Panotopoulos, T. Tangphati, A. Banerjee and M. K. Jasim, Phys. Lett. B **817**, 136330 (2021) doi:10.1016/j.physletb.2021.136330 [arXiv:2104.00590 [gr-qc]].

(8) J. M. Z. Pretel, S. E. Jorás, R. R. R. Reis and J. D. V. Arbañil, JCAP **04**, 064 (2021) doi:10.1088/1475-7516/2021/04/064 [arXiv:2012.03342 [gr-qc]].

(9) J. M. Z. Pretel, S. E. Jorás and R. R. R. Reis, JCAP **11**, 048 (2020) doi:10.1088/1475-7516/2020/11/048 [arXiv:2008.00536 [gr-qc]].

(10) X. Li and S. P. Zhao, Phys. Rev. D **101**, no.12, 124012 (2020) doi:10.1103/PhysRevD.101.124012

(11) S. H. Völkel, "On the Gravitational Wave Spectrum of Compact Relativistic Objects," doi:10.15496/publikation-42527

(12) S. H. Völkel and K. D. Kokkotas, Class. Quant. Grav. **36**, no.11, 115002 (2019) doi:10.1088/1361-6382/ab186e [arXiv:1901.11262 [gr-qc]].

(13) J. Mena-Fernández and L. M. González-Romero, Phys. Rev. D **99**, no.10, 104005 (2019) doi:10.1103/PhysRevD.99.104005 [arXiv:1901.10851 [gr-qc]].

(14) S. Volkel. "On the gravitational wave spectrum of compact relativistic objects, " PhD thesis, University of Tuebingen (2019)

(15) Q. Fang, S. Chen and J. Jing, Int. J. Mod. Phys. D **28**, no.09, 1950112 (2019) doi:10.1142/S021827181950112 [arXiv:1811.07479 [gr-qc]].

A.57. **S. S. Yazadjiev**, D. D. Doneva and K. D. Kokkotas, "Tidal Love numbers of neutron stars in $f(R)$ gravity," Eur. Phys. J. C **78**, no. 10, 818 (2018)

[arXiv:1803.09534 [gr-qc]].

Забелязани независими цитати:

(1) R. Saleem, M. I. Aslam and S. Shahid, Int. J. Geom. Meth. Mod. Phys. **21**, no.05, 2450106 (2024) doi:10.1142/S0219887824501068

(2) M. Bandyopadhyay and R. Biswas, Int. J. Geom. Meth. Mod. Phys. **21**, no.05, 2450097 (2024) doi:10.1142/S021988782450097X

(3) A. Malik, T. Naz, F. Mofarreh, A, Shazadi, Int. J. Geom. Meth. Mod. Phys, Volume 21, Issue 4, id. 2450086-6(2024); 10.1142/S0219887824500865

(4) P. Bhar, A. Errehymy and S. Ray, Eur. Phys. J. C **83**, no.12, 1151 (2023) doi:10.1140/epjc/s10052-023-12340-x

(5) K. P. Das, U. Debnath, A. Ashraf and M. Khurana, Phys. Dark Univ. **43**, 101398 (2024) doi:10.1016/j.dark.2023.101398

(6) I. Noureen, A. Raza and S. A. Mardan, Eur. Phys. J. C **83**, no.11, 1055 (2023) doi:10.1140/epjc/s10052-023-12214-2

(7) D. Bhattacharjee and P. K. Chattopadhyay, Eur. Phys. J. C **84**, no.1, 77 (2024) doi:10.1140/epjc/s10052-024-12449-7 [arXiv:2310.07391 [gr-qc]].

(8) M. Sharif and S. Naz, Mod. Phys. Lett. A **38**, no.26n27, 2350123 (2023) doi:10.1142/S0217732323501237 [arXiv:2310.06877 [gr-qc]].

(9) H. J. Kuan, K. Van Aelst, A. T. L. Lam and M. Shibata, Phys. Rev. D **108**, no.6, 064057 (2023) doi:10.1103/PhysRevD.108.064057 [arXiv:2309.01709 [gr-qc]].

(10) G. Creci, T. Hinderer and J. Steinhoff, Phys. Rev. D **108**, no.12, 124073 (2023) doi:10.1103/PhysRevD.108.1 [arXiv:2308.11323 [gr-qc]].

(11) J. C. N. de Araujo and H. G. M. Fortes, Eur. Phys. J. C **83**, no.12, 1168 (2023) doi:10.1140/epjc/s10052-023-12342-9 [arXiv:2308.00627 [gr-qc]].

(12) R. P. Bhatt, S. Chakraborty and S. Bose, Phys. Rev. D **108**, no.8, 084013 (2023) doi:10.1103/PhysRevD.108.084013 [arXiv:2306.13627 [gr-qc]].

(13) K. Nobleson, S. Banik and T. Malik, Phys. Rev. D **107**, no.12, 124045 (2023) doi:10.1103/PhysRevD.107.124 [arXiv:2306.01054 [gr-qc]].

(14) S. Avitan, R. Brustein and Y. Sherf, [arXiv:2306.00173 [gr-qc]].

(15) B. K. Parida, S. Das and M. Govender, Int. J. Mod. Phys. D **32**, no.06, 2350038 (2023) doi:10.1142/S0218271823500384

(16) S. H. Yang, C. M. Pi, X. P. Zheng and F. Weber, Universe **9**, no.5, 202 (2023) doi:10.3390/universe9050202 [arXiv:2304.09614 [astro-ph.HE]].

(17) A. Banerjee, T. Tangphati and A. Pradhan, Int. J. Mod. Phys. D **32**, no.05, 2350026 (2023) doi:10.1142/S0218271823500268

(18) A. B. Tudeshki, G. H. Bordbar and B. Eslam Panah, Phys. Dark Univ. **42**, 101354 (2023) doi:10.1016/j.dark.2023.101354 [arXiv:2303.04813 [gr-qc]].

(19) M. Bandyopadhyay and R. Biswas, Int. J. Mod. Phys. D **32**, no.03, 2350006 (2023) doi:10.1142/S0218271823500062

(20) S. M. Brown, "Using gravitational waves to study neutron stars in general relativity and alternative theories of gravity," PhD thesis, Gottfried Wilhelm Leibniz Universitat (2023) doi:10.15488/13673

(21) A. Siddiqa, G. Abbas, A. Waseem, A. Aleem and H. R. Kausar, Int. J. Geom. Meth. Mod. Phys. **20**, no.04, 2350068 (2023) doi:10.1142/S0219887823500688

(22) A. V. Astashenok, S. D. Odintsov and V. K. Oikonomou, Symmetry **15**, no.6, 1141 (2023) doi:10.3390/sym15061141 [arXiv:2211.14892 [gr-qc]].

(23) R. X. Yang, F. Xie and D. J. Liu, Universe **8**, no.11, 576 (2022) doi:10.3390/universe8110576 [arXiv:2211.00278 [gr-qc]].

(24) S. M. Brown, Astrophys. J. **958**, no.2, 125 (2023) doi:10.3847/1538-4357/acfbe5 [arXiv:2210.14025 [gr-qc]].

(25) M. Nava-Callejas, D. Page and M. V. Beznogov, Phys. Rev. D **107**, no.10, 104057 (2023) doi:10.1103/PhysRevD.107.104057 [arXiv:2206.06132 [gr-qc]].

(26) S. Das, B. K. Parida and R. Sharma, Eur. Phys. J. C **82**, no.2, 136 (2022) doi:10.1140/epjc/s10052-022-10057-x

(27) K. Numajiri, T. Katsuragawa and S. Nojiri, Phys. Lett. B **826**, 136929 (2022) doi:10.1016/j.physletb.2022.13 [arXiv:2111.02660 [gr-qc]].

(28) L. Meng and D. J. Liu, Astrophys. Space Sci. **366**, no.11, 105 (2021) doi:10.1007/s10509-021-04013-6 [arXiv:2111.03214 [gr-qc]].

(29) R. Alves Batista, M. A. Amin, G. Barenboim, N. Bartolo, D. Baumann, A. Bauswein, E. Bellini, D. Benisty, G. Bertone and P. Blasi, *et al.* [arXiv:2110.10074 [astro-ph.HE]].

(30) N. Sennett, "Probing Fundamental Physics With Gravitational Waves From Inspiraling Binary Systems,"PhD thesis, Maryland U. (2021) doi:10.13016/y0rz-gogy

(31) H. Boumaza, Phys. Rev. D **104**, no.8, 084098 (2021) doi:10.1103/PhysRevD.104.084098 [arXiv:2107.09837 [gr-qc]].

(32) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(33) K. Nobleson, T. Malik and S. Banik, JCAP **08**, 012 (2021) doi:10.1088/1475-7516/2021/08/012 [arXiv:2105.07813 [gr-qc]].

(34) S. Das, S. Ray, M. Khlopov, K. K. Nandi and B. K. Parida, Annals Phys. **433**, 168597 (2021) doi:10.1016/j.aop.2021.168597 [arXiv:2102.07099 [gr-qc]].

(35) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(36) T. Dietrich, T. Hinderer and A. Samajdar, Gen. Rel. Grav. **53**, no.3, 27 (2021) doi:10.1007/s10714-020-02751-6 [arXiv:2004.02527 [gr-qc]].

(37) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0 [arXiv:1912.05202 [gr-qc]].

(38) D. Sen, "Cold Dense Matter Phases and Neutron Star Structure in the Light of Recent Observations, " DEPARTMENT OF PHYSICS BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE,PILANI (2019)

(39) F. J. Llanes-Estrada and E. Lope-Oter, Prog. Part. Nucl. Phys. **109**, 103715 (2019) doi:10.1016/j.ppnp.2019.103715 [arXiv:1907.12760 [nucl-th]].

(40) D. Sen, Int. J. Mod. Phys. D **28**, no.09, 1950122 (2019) doi:10.1142/S0218271819501220 [arXiv:2008.06753 [nucl-th]].

(41) K. Chakravarti, S. Chakraborty, K. S. Phukon, S. Bose and S. SenGupta, Class. Quant. Grav. **37**, no.10, 105004 (2020) doi:10.1088/1361-6382/ab8355 [arXiv:1903.10159 [gr-qc]].

(42) E. L. Oter, A. Windisch, F. J. Llanes-Estrada and M. Alford, J. Phys. G **46**, no.8, 084001 (2019) doi:10.1088/1361-6471/ab2567 [arXiv:1901.05271 [gr-qc]].

(43) K. Chakravarti, S. Chakraborty, S. Bose and S. SenGupta, Phys. Rev. D **99**, no.2, 024036 (2019) doi:10.1103/PhysRevD.99.024036 [arXiv:1811.11364 [gr-qc]].

A.58. J. Grover, J. Kunz, P. Nedkova, A. Wittig and **S. S. Yazadjiev**, "Multiple shadows from distorted static black holes," Phys. Rev. D **97**, no. 8, 084024 (2018)

[arXiv:1802.03062 [gr-qc]].

Забелязани независими цитати:

(1) M. Tavayef, S. Abdolrahimi, I. Booth and H. Kunduri, [arXiv:2404.06450 [gr-qc]].

(2) J. Ma, J. c. Wang, Q. g. Gao and L. h. Qin, Phys. Scripta **99**, no.3, 035019 (2024) doi:10.1088/1402-4896/ad25d0

(3) I. Sengo, P. V. P. Cunha, C. A. R. Herdeiro and E. Radu, JCAP **01**, 047 (2023) doi:10.1088/1475-7516/2023/01/047 [arXiv:2209.06237 [gr-qc]].

(4) H. Shababi and M. Moussa, Int. J. Theor. Phys. **61**, no.7, 205 (2022) doi:10.1007/s10773-022-05193-9

(5) S. Abdolrahimi and C. C. Tzounis, [arXiv:2206.05376 [gr-qc]].

(6) Z. Xu and M. Tang, Chin. Phys. C **46**, no.8, 085101 (2022) doi:10.1088/1674-1137/ac6665 [arXiv:2109.14245 [hep-th]].

(7) A. He, J. Tao, Y. Xue and L. Zhang, Chin. Phys. C **46**, no.6, 065102 (2022) doi:10.1088/1674-1137/ac56cf [arXiv:2109.13807 [gr-qc]].

(8) V. Perlick and O. Y. Tsupko, Phys. Rept. **947**, 1-39 (2022) doi:10.1016/j.physrep.2021.10.004 [arXiv:2105.07101 [gr-qc]].

(9) S. Abdolrahimi, R. B. Mann and C. Tzounis, Phys. Rev. D **101**, no.10, 104002 (2020) doi:10.1103/PhysRevD.101.104002 [arXiv:2003.06756 [gr-qc]].

(10) S. Faraji and E. Hackmann, Phys. Rev. D **101**, no.2, 023002 (2020) doi:10.1103/PhysRevD.101.023002 [arXiv:2010.02786 [astro-ph.HE]].

(11) V. K. Tinchev, [arXiv:1911.13262 [gr-qc]].

(12) X. Hou, Z. Xu and J. Wang, JCAP **12**, 040 (2018) doi:10.1088/1475-7516/2018/12/040 [arXiv:1810.06381 [gr-qc]].

(13) D. H. PARK*, New Phys. Sae Mulli **68**, no.8, 928-933 (2018) doi:10.3938/NPSM.68.928

(14) Z. Xu, X. Hou and J. Wang, JCAP **10**, 046 (2018) doi:10.1088/1475-7516/2018/10/046 [arXiv:1806.09415 [gr-qc]].

(15) X. Hou, Z. Xu, M. Zhou and J. Wang, JCAP **07**, 015 (2018) doi:10.1088/1475-7516/2018/07/015 [arXiv:1804.08110 [gr-qc]].

A.59. T. Vetsov, G. Gyulchev, **S. Yazadjiev**, "Shadows of Black Holes in Vector-Tensor Galileons Modified Gravity,"

[arXiv:1801.04592 [gr-qc]]

Забелязани независими цитати:

(1) D. Ayzenberg, L. Blackburn, R. Brito, S. Britzen, A. Broderick, R. Carballo-Rubio, V. Cardoso, A. Chael, K. Chatterjee and Y. Chen, *et al.* [arXiv:2312.02130 [astro-ph.HE]].

(2) X. He, S. Zhu, Y. Yu, A. Karamat, R. Babar and R. Ali, Int. J. Geom. Meth. Mod. Phys. **20**, no.12, 2350205 (2023) doi:10.1142/S0219887823502055

(3) Xiaoling He, Suhang Zhu, Yun Yu, Anosha Karamat, Rimsha Babar, and Riasat Ali, International Journal of Geometric Methods in Modern Physics, Volume 20, Issue 12, id. 2350205-80 (2023); https://doi.org/10.1142/S0219887823502055

(4) A. Das, A. Saha and S. Gangopadhyay, Class. Quant. Grav. **40**, no.1, 015008 (2023) doi:10.1088/1361-6382/aca5e4 [arXiv:2207.06994 [gr-qc]].

(5) S. V. Repin, M. A. Bugaev and I. D. Novikov, Astron. Rep. **66**, no.10, 835-844 (2022) doi:10.1134/S1063772922100122 [arXiv:2205.10168 [gr-qc]].

(6) D. Ayzenberg, Class. Quant. Grav. **39**, no.10, 105009 (2022) doi:10.1088/1361-6382/ac655d [arXiv:2202.02355 [gr-qc]].

(7) A. Das, A. Saha and S. Gangopadhyay, Class. Quant. Grav. **39**, no.7, 075005 (2022) doi:10.1088/1361-6382/ac50ed [arXiv:2110.11704 [gr-qc]].

(8) A. Eichhorn and A. Held, JCAP **05**, 073 (2021) doi:10.1088/1475-7516/2021/05/073 [arXiv:2103.13163 [gr-qc]].

(9) K. Van Aelst, E. Gourgoulhon and F. H. Vincent, Phys. Rev. D **104**, no.12, 124034 (2021) doi:10.1103/PhysRevD.104.124034 [arXiv:2103.01827 [gr-qc]].

(10) S. Vagnozzi, C. Bambi and L. Visinelli, Class. Quant. Grav. **37**, no.8, 087001 (2020) doi:10.1088/1361-6382/ab7965 [arXiv:2001.02986 [gr-qc]].

(11) F. Francesco, "Modern topics in black hole physics and cosmology," doi:10.23889/SUthesis.56800

(12) A. Övgün, İ. Sakallı, J. Saavedra and C. Leiva, Mod. Phys. Lett. A **35**, no.20, 2050163 (2020) doi:10.1142/S0217732320501631 [arXiv:1906.05954 [hep-th]].

(13) A. Held, R. Gold and A. Eichhorn, JCAP **06**, 029 (2019) doi:10.1088/1475-7516/2019/06/029 [arXiv:1904.07133 [gr-qc]].

(14) S. W. Wei, Y. X. Liu and R. B. Mann, Phys. Rev. D **99**, no.4, 041303 (2019) doi:10.1103/PhysRevD.99.04130 [arXiv:1811.00047 [gr-qc]].

(15) H. M. Wang, Y. M. Xu and S. W. Wei, JCAP **03**, 046 (2019) doi:10.1088/1475-7516/2019/03/046 [arXiv:1810.12767 [gr-qc]].

(16) X. Hou, Z. Xu and J. Wang, JCAP **12**, 040 (2018) doi:10.1088/1475-7516/2018/12/040 [arXiv:1810.06381 [gr-qc]].

(17) H. Gott, D. Ayzenberg, N. Yunes and A. Lohfink, Class. Quant. Grav. **36**, no.5, 055007 (2019) doi:10.1088/1361-6382/ab01b0 [arXiv:1808.05703 [gr-qc]].

(18) Y. Huang, Y. P. Dong and D. J. Liu, Int. J. Mod. Phys. D **27**, no.12, 1850114 (2018) doi:10.1142/S0218271818501146 [arXiv:1807.06268 [gr-qc]].

(19) A. Övgün, İ. Sakallı and J. Saavedra, JCAP **10**, 041 (2018) doi:10.1088/1475-7516/2018/10/041 [arXiv:1807.00388 [gr-qc]].

(20) Z. Xu, X. Hou and J. Wang, JCAP **10**, 046 (2018) doi:10.1088/1475-7516/2018/10/046 [arXiv:1806.09415 [gr-qc]].

(21) J. Yang, D. Ayzenberg and C. Bambi, Phys. Rev. D **98**, no.4, 044024 (2018) doi:10.1103/PhysRevD.98.04402 [arXiv:1806.06240 [gr-qc]].

(22) X. Hou, Z. Xu, M. Zhou and J. Wang, JCAP **07**, 015 (2018) doi:10.1088/1475-7516/2018/07/015 [arXiv:1804.08110 [gr-qc]].

A.60. D. D. Doneva and **S. S. Yazadjiev**, "Neutron star solutions with curvature induced scalarization in the extended Gauss-Bonnet scalar-tensor theories," JCAP **1804**, 011 (2018) [arXiv:1712.03715 [gr-qc]].

Забелязани независими цитати:

(1) M. Minamitsuji, S. Mukohyama and S. Tsujikawa, [arXiv:2403.10048 [gr-qc]].

(2) Z. Hu and H. Sun, [arXiv:2403.07250 [gr-qc]].

(3) W. Luo, C. Liu and Z. K. Guo, Eur. Phys. J. C **84**, no.4, 394 (2024) doi:10.1140/epjc/s10052-024-12735-4 [arXiv:2401.03669 [gr-qc]].

(4) A. Eichhorn, P. G. S. Fernandes, A. Held and H. O. Silva, [arXiv:2312.11430 [gr-qc]].

(5) L. Annulli and C. A. R. Herdeiro, Phys. Lett. B **845**, 138137 (2023) doi:10.1016/j.physletb.2023.138137 [arXiv:2307.10368 [gr-qc]].

(6) J. J. Terente Díaz, K. Dimopoulos, M. Karčiauskas and A. Racioppi, JCAP **10**, 031 (2023) doi:10.1088/1475-7516/2023/10/031 [arXiv:2307.06163 [astro-ph.CO]].

(7) H. J. Lin, T. Zhu, S. J. Zhang and A. Wang, Phys. Rev. D **108**, no.4, 044005 (2023) doi:10.1103/PhysRevD.108.044005 [arXiv:2305.15733 [gr-qc]].

(8) M. Minamitsuji and S. Mukohyama, Phys. Rev. D **108**, no.2, 024029 (2023) doi:10.1103/PhysRevD.108.0240 [arXiv:2305.05185 [gr-qc]].

(9) M. Y. Lai, D. C. Zou, R. H. Yue and Y. S. Myung, Phys. Rev. D **108**, no.8, 084007 (2023) doi:10.1103/PhysRevD.108.084007 [arXiv:2304.08012 [gr-qc]].

(10) N. Jiang, doi:10.18130/9s37-n206

(11) F. Rahimi and Z. Rezaei, Eur. Phys. J. C **83**, no.4, 289 (2023) doi:10.1140/epjc/s10052-023-11443-9 [arXiv:2303.16630 [astro-ph.HE]].

(12) E. S. Demirboğa, Y. E. Şahin and F. M. Ramazanoğlu, Phys. Rev. D **108**, no.2, 024028 (2023) doi:10.1103/PhysRevD.108.024028 [arXiv:2303.01910 [gr-qc]].

(13) H. J. Kuan, doi:10.15496/publikation-76851

(14) Y. Higashino and S. Tsujikawa, Phys. Rev. D **107**, no.4, 044003 (2023) doi:10.1103/PhysRevD.107.044003 [arXiv:2209.13749 [gr-qc]].

(15) M. Minamitsuji and S. Tsujikawa, Phys. Lett. B **840**, 137869 (2023) doi:10.1016/j.physletb.2023.137869 [arXiv:2208.08107 [gr-qc]].

(16) M. M. Khalil, "Analytical modeling of compact binaries in general relativity and modified gravity theories," PhD thesis, Maryland U. (2022) doi:10.13016/nj5r-bfj5

(17) M. Minamitsuji and S. Tsujikawa, Phys. Rev. D **106**, no.6, 064008 (2022) doi:10.1103/PhysRevD.106.064008 [arXiv:2207.04461 [gr-qc]].

(18) M. Khalil, R. F. P. Mendes, N. Ortiz and J. Steinhoff, Phys. Rev. D **106**, no.10, 104016 (2022) doi:10.1103/PhysRevD.106.104016 [arXiv:2206.13233 [gr-qc]].

(19) P. E. Kashargin and S. V. Sushkov, JCAP **01**, 005 (2023) doi:10.1088/1475-7516/2023/01/005 [arXiv:2205.08949 [gr-qc]].

(20) L. K. Wong, C. A. R. Herdeiro and E. Radu, Phys. Rev. D **106**, no.2, 024008 (2022) doi:10.1103/PhysRevD.106.024008 [arXiv:2204.09038 [gr-qc]].

(21) L. Annulli, C. A. R. Herdeiro and E. Radu, Phys. Lett. B **832**, 137227 (2022) doi:10.1016/j.physletb.2022.137 [arXiv:2203.13267 [gr-qc]].

(22) C. Erices, S. Riquelme and N. Zalaquett, Phys. Rev. D **106**, no.4, 044046 (2022) doi:10.1103/PhysRevD.106.0 [arXiv:2203.06030 [gr-qc]].

(23) Z. Lyu, N. Jiang and K. Yagi, Phys. Rev. D **105**, no.6, 064001 (2022) [erratum: Phys. Rev. D **106**, no.6, 069901 (2022); erratum: Phys. Rev. D **106**, no.6, 069901 (2022)] doi:10.1103/PhysRevD.105.064001 [arXiv:2201.02543 [gr-qc]].

(24) R. Xu, Y. Gao and L. Shao, Phys. Rev. D **105**, no.2, 024003 (2022) doi:10.1103/PhysRevD.105.024003 [arXiv:2111.06561 [gr-qc]].

(25) G. Ventagli, G. Antoniou, A. Lehébel and T. P. Sotiriou, Phys. Rev. D **104**, no.12, 124078 (2021) doi:10.1103/PhysRevD.104.124078 [arXiv:2111.03644 [gr-qc]].

(26) L. Annulli, [arXiv:2110.02704 [gr-qc]].

(27) A. Saffer and K. Yagi, Phys. Rev. D **104**, no.12, 124052 (2021) doi:10.1103/PhysRevD.104.124052 [arXiv:2110.02997 [gr-qc]].

(28) K. V. Staykov and R. Z. Zheleva, Eur. Phys. J. C **82**, no.2, 108 (2022) doi:10.1140/epjc/s10052-022-10046-0 [arXiv:2109.09399 [gr-qc]].

(29) N. Sennett, "Probing Fundamental Physics With Gravitational Waves From Inspiraling Binary Systems," PhD thesis, Maryland U. (2021) doi:10.13016/y0rz-gogy

(30) T. Anson, 2021UPASP067, tel-03374009.

(31) E. Lope-Oter and F. J. Llanes-Estrada, Eur. Phys. J. A **58**, no.1, 9 (2022) doi:10.1140/epja/s10050-021-00656-9 [arXiv:2108.04027 [hep-ph]].

(32) P. Brax, A. C. Davis, S. Melville and L. K. Wong, JCAP **10**, 075 (2021) doi:10.1088/1475-7516/2021/10/075 [arXiv:2107.10841 [gr-qc]].

(33) A. Bryant, H. O. Silva, K. Yagi and K. Glampedakis, Phys. Rev. D **104**, no.4, 044051 (2021) doi:10.1103/PhysRevD.104.044051 [arXiv:2106.09657 [gr-qc]].

(34) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(35) L. Annulli, Phys. Rev. D **104**, no.12, 124028 (2021) doi:10.1103/PhysRevD.104.124028 [arXiv:2105.08728 [gr-qc]].

(36) K. Yagi and M. Stepniczka, Phys. Rev. D **104**, no.4, 044017 (2021) doi:10.1103/PhysRevD.104.044017 [arXiv:2105.01614 [gr-qc]].

(37) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, doi:10.1007/978-3-030-83715-0_22

(38) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(39) S. Hansraj, A. Banerjee, L. Moodly and M. K. Jasim, Class. Quant. Grav. **38**, no.3, 035002 (2021) doi:10.1088/1361-6382/abcb0d [arXiv:2011.08701 [gr-qc]].

(40) M. Heydari-Fard and H. R. Sepangi, Phys. Lett. B **816**, 136276 (2021) doi:10.1016/j.physletb.2021.136276 [arXiv:2009.13748 [gr-qc]].

(41) A. Bakopoulos, doi:10.12681/eadd/48145 [arXiv:2010.13189 [gr-qc]].

(42) C. A. R. Herdeiro, T. Ikeda, M. Minamitsuji, T. Nakamura and E. Radu, Phys. Rev. D **103**, no.4, 044019 (2021) doi:10.1103/PhysRevD.103.044019 [arXiv:2009.06971 [gr-qc]].

(43) W. Liwei, Moller energy for an exterior metric of relativistic stars, Proceedings of the Sixth International Conference on mathematics and computing (2020)

(44) R. Kase, R. Kimura, S. Sato and S. Tsujikawa, Phys. Rev. D **102**, no.8, 084037 (2020) doi:10.1103/PhysRevD.102.084037 [arXiv:2007.09864 [gr-qc]].

(45) Y. Peng, Eur. Phys. J. C **80**, no.6, 575 (2020) doi:10.1140/epjc/s10052-020-8167-4

(46) H. Guo, S. Kiorpelidi, X. M. Kuang, E. Papantonopoulos, B. Wang and J. P. Wu, Phys. Rev. D **102**, no.8, 084029 (2020) doi:10.1103/PhysRevD.102.084029 [arXiv:2006.10659 [hep-th]].

(47) A. Bakopoulos, P. Kanti and N. Pappas, Phys. Rev. D **101**, no.8, 084059 (2020) doi:10.1103/PhysRevD.101.0 [arXiv:2003.02473 [hep-th]].

(48) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0 [arXiv:1912.05202 [gr-qc]].

(49) A. Bakopoulos, P. Kanti and N. Pappas, Phys. Rev. D **101**, no.4, 044026 (2020) doi:10.1103/PhysRevD.101.0 [arXiv:1910.14637 [hep-th]].

(50) J. Barrientos, F. Cordonier-Tello, C. Corral, F. Izaurieta, P. Medina, E. Rodríguez and O. Valdivia, Phys. Rev. D **100**, no.12, 124039 (2019) doi:10.1103/PhysRevD.100.124039 [arXiv:1910.00148 [gr-qc]].

(51) M. Khalil, N. Sennett, J. Steinhoff and A. Buonanno, Phys. Rev. D **100**, no.12, 124013 (2019) doi:10.1103/PhysRevD.100.124013 [arXiv:1906.08161 [gr-qc]].

(52) Q. Liang, J. Sakstein and M. Trodden, Phys. Rev. D **100**, no.6, 063518 (2019) doi:10.1103/PhysRevD.100.06 [arXiv:1904.10510 [hep-ph]].

(53) A. Saffer, H. O. Silva and N. Yunes, Phys. Rev. D **100**, no.4, 044030 (2019) doi:10.1103/PhysRevD.100.04403 [arXiv:1903.07779 [gr-qc]].

(54) T. Anson, E. Babichev, C. Charmousis and S. Ramazanov, JCAP **06**, 023 (2019) doi:10.1088/1475-7516/2019/06/023 [arXiv:1903.02399 [gr-qc]].

(55) A. Saffer,

(56) A. Bakopoulos, G. Antoniou and P. Kanti, Phys. Rev. D **99**, no.6, 064003 (2019) doi:10.1103/PhysRevD.99.064003 [arXiv:1812.06941 [hep-th]].

(57) H. O. Silva, C. F. B. Macedo, T. P. Sotiriou, L. Gualtieri, J. Sakstein and E. Berti, Phys. Rev. D **99**, no.6, 064011 (2019) doi:10.1103/PhysRevD.99.064011 [arXiv:1812.05590 [gr-qc]].

(58) M. Minamitsuji and T. Ikeda, Phys. Rev. D **99**, no.4, 044017 (2019) doi:10.1103/PhysRevD.99.044017 [arXiv:1812.03551 [gr-qc]].

(59) S. Chakrabarti, Eur. Phys. J. C **78**, no.4, 296 (2018) doi:10.1140/epjc/s10052-018-5798-9 [arXiv:1712.05149 [gr-qc]].

A.61. D. D. Doneva and **S. S. Yazadjiev**, "New Gauss-Bonnet Black Holes with Curvature-Induced Scalarization in Extended Scalar-Tensor Theories," Phys. Rev. Lett. **120**, no. 13, 131103 (2018) [arXiv:1711.01187 [gr-qc]].

Забелязани независими цитати:

(1) G. Antoniou, "Quasinormal modes of hairy black holes in shift-symmetric theories," [arXiv:2406.01508 [gr-qc]]

(2) I. van Gemeren, T. Hinderer and S. Vandoren, [arXiv:2405.13737 [gr-qc]].

(3) M. Carrasco-H., N.M. Santos, E. Contreras, Physics of the Dark Universe (2024); https://doi.org/10.1016/j.dark.2024.101529

(4) K. Chakravarti, A. Reza and L. G. Trombetta, [arXiv:2405.10127 [gr-qc]].

(5) X. Y. Chew and Y. S. Myung, [arXiv:2405.04921 [gr-qc]].

(6) C. M. Zhang, Z. H. Yang, M. Y. Lai, Y. S. Myung and D. C. Zou, [arXiv:2404.19521 [gr-qc]].

(7) H. Mohseni Sadjadi, [arXiv:2404.19695 [gr-qc]].

(8) M. Shafeeque, Malay K. Nandy, [arXiv: 2404.01086 [gr-qc]]

(9) C. Y. Chen, A. De Felice and S. Tsujikawa, [arXiv:2404.09377 [gr-qc]].

(10) A. Malik, A. Almas, T. Naz, Rubab Manzoor and M Z Bhatti, Commun. Theor. Phys. 76 065005 (2024)

(11) G. Antoniou, C. F. B. Macedo, A. Maselli and T. P. Sotiriou, [arXiv:2404.02479 [gr-qc]].

(12) H. Xu, Y. Zhan and S. J. Zhang, [arXiv:2403.19392 [gr-qc]].

(13) P. G. S. Fernandes, C. Burrage, A. Eichhorn and T. P. Sotiriou, Phys. Rev. D **109**, no.10, 104033 (2024) doi:10.1103/PhysRevD.109.104033 [arXiv:2403.14596 [gr-qc]].

(14) M. Minamitsuji, S. Mukohyama and S. Tsujikawa, [arXiv:2403.10048 [gr-qc]].

(15) T. Daniel and L. Jenks, [arXiv:2403.09373 [gr-qc]].

(16) G. Lara, H. P. Pfeiffer, N. A. Wittek, N. L. Vu, K. C. Nelli, A. Carpenter, G. Lovelace, M. A. Scheel and W. Throwe, [arXiv:2403.08705 [gr-qc]].

(17) M. Minamitsuji and K. i. Maeda, [arXiv:2403.08986 [gr-qc]].

(18) F. Corelli, "Tackling conceptual problems in gravity with numerically simulated gedanken experiments," PhD thesis, U. Rome La Sapienza (2024)

(19) C. Xu, Z. H. Yang, X. M. Kuang and R. H. Yue, Commun. Theor. Phys. **76**, no.1, 015402 (2024) doi:10.1088/1572-9494/ad1326

(20) H. Guo, W. L. Qian and B. Wang, [arXiv:2401.09846 [gr-qc]].

(21) O. Schön, doi:10.15496/publikation-90502

(22) W. Luo, C. Liu and Z. K. Guo, Eur. Phys. J. C **84**, no.4, 394 (2024) doi:10.1140/epjc/s10052-024-12735-4 [arXiv:2401.03669 [gr-qc]].

(23) K. H. Fan, Y. S. Myung, D. C. Zou and M. Y. Lai, [arXiv:2401.00144 [gr-qc]].

(24) A. Bakopoulos, N. Chatzifotis and T. Nakas, [arXiv:2312.17198 [gr-qc]].

(25) F. L. Julié, [arXiv:2312.16764 [gr-qc]].

(26) X. Li and J. Ren, [arXiv:2312.12894 [gr-qc]].

(27) W. Xiong, C. Y. Zhang and P. C. Li, [arXiv:2312.11879 [gr-qc]].

(28) A. Eichhorn, P. G. S. Fernandes, A. Held and H. O. Silva, [arXiv:2312.11430 [gr-qc]].

(29) R. Carballo-Rubio, H. Delaporte, A. Eichhorn and A. Held, [arXiv:2312.11351 [gr-qc]].

(30) A. Cárdenas-Avendaño and A. Held, Phys. Rev. D **109**, no.6, 064052 (2024) doi:10.1103/PhysRevD.109.0640 [arXiv:2312.06590 [gr-qc]].

(31) O. Baake, A. Cisterna, M. Hassaine and U. Hernandez-Vera, Phys. Rev. D **109**, no.6, 064024 (2024) doi:10.1103/PhysRevD.109.064024 [arXiv:2312.05207 [hep-th]].

(32) Z. Belkhadria and A. M. Pombo, [arXiv:2311.15850 [gr-qc]].

(33) S. Kiorpelidi, T. Karakasis, G. Koutsoumbas and E. Papantonopoulos, Phys. Rev. D **109**, no.2, 024033 (2024) doi:10.1103/PhysRevD.109.024033 [arXiv:2311.10858 [gr-qc]].

(34) A. Z. Kaczmarek and D. Szczęśniak, Nucl. Phys. B **1002**, 116534 (2024) doi:10.1016/j.nuclphysb.2024.11653 [arXiv:2311.05960 [gr-qc]].

(35) N. Caceres, C. Corral, F. Diaz and R. Olea, JHEP **04**, 152 (2024) doi:10.1007/JHEP04(2024)152 [arXiv:2311.04054 [hep-th]].

(36) N. Afshordi *et al.* [LISA Consortium Waveform Working Group], [arXiv:2311.01300 [gr-qc]].

(37) L. Pizzuti and A. M. Pombo, Phys. Dark Univ. **43**, 101427 (2024) doi:10.1016/j.dark.2024.101427 [arXiv:2310.18399 [gr-qc]].

(38) C. Promsiri, W. Horinouchi and E. Hirunsirisawat, [arXiv:2310.04221 [gr-qc]].

(39) Y. S. Myung, Eur. Phys. J. C **83**, no.12, 1137 (2023) doi:10.1140/epjc/s10052-023-12327-8 [arXiv:2309.13778 [gr-qc]].

(40) E. Babichev, C. Charmousis and N. Lecoeur, [arXiv:2309.12229 [gr-qc]].

(41) L. Zhang, S. Chen, Q. Pan and J. Jing, Eur. Phys. J. C **83**, no.9, 828 (2023) doi:10.1140/epjc/s10052-023-12008-6 [arXiv:2309.12604 [gr-qc]].

(42) SG Ghosh, RK Walia , Proceedings of The Sixteenth Marcel Grossmann Meeting, pp. 1069-1083 (2023)

(43) H. Mohseni Sadjadi, Phys. Lett. B **850**, 138508 (2024) doi:10.1016/j.physletb.2024.138508 [arXiv:2309.07816 [gr-qc]].

(44) M. Elley, "Simulating Scalar Fields in Astrophysical and Cosmological Settings," PhD thesis, King's College London (2023)

(45) Q. Chen, Z. Ning, Y. Tian, X. Wu, C. Y. Zhang and H. Zhang, JHEP **10**, 176 (2023) doi:10.1007/JHEP10(2023)176 [arXiv:2308.07666 [gr-qc]].

(46) G. Nashed, Phys.Dark Univ. 41 (2023) 101260

(47) J. M. Armaleo, S. Bahamonde, G. Trenkler and L. G. Trombetta, Phys. Rev. D **108**, no.10, 104019 (2023) doi:10.1103/PhysRevD.108.104019 [arXiv:2308.07299 [gr-qc]].

(48) M. Corman, "Black holes in cosmological spacetimes and alternative theories of gravity," PhD thesis, U. Waterloo (2023)

(49) M. Minamitsuji and K. i. Maeda, Phys. Rev. D **108**, no.8, 084061 (2023) doi:10.1103/PhysRevD.108.084061 [arXiv:2308.01082 [gr-qc]].

(50) Y. S. Myung, Eur. Phys. J. C **83**, no.10, 902 (2023) doi:10.1140/epjc/s10052-023-12073-x [arXiv:2307.14625 [gr-qc]].

(51) X. Y. Chew and K. G. Lim, Phys. Rev. D **109**, no.6, 064039 (2024) doi:10.1103/PhysRevD.109.064039 [arXiv:2307.13972 [gr-qc]].

(52) G. Antoniou, [arXiv:2308.03501 [gr-qc]].

(53) X. J. Wang, G. Fu, P. Liu, X. M. Kuang, B. Wang and J. P. Wu, Phys. Rev. D **108**, no.12, 12 (2023) doi:10.1103/PhysRevD.108.124077 [arXiv:2307.13440 [gr-qc]].

(54) G. Guo, P. Wang, H. Wu and H. Yang, JHEP **10**, 076 (2023) doi:10.1007/JHEP10(2023)076 [arXiv:2307.12210 [gr-qc]].

(55) L. Annulli and C. A. R. Herdeiro, Phys. Lett. B **845**, 138137 (2023) doi:10.1016/j.physletb.2023.138137 [arXiv:2307.10368 [gr-qc]].

(56) A. De Felice and S. Tsujikawa, JCAP **10**, 004 (2023) doi:10.1088/1475-7516/2023/10/004 [arXiv:2307.06490 [gr-qc]].

(57) Y. S. Myung, [arXiv:2307.04060 [gr-qc]].

(58) Q. Chen, Z. Ning, Y. Tian, B. Wang and C. Y. Zhang, Phys. Rev. D **108**, no.8, 084016 (2023) doi:10.1103/PhysRevD.108.084016 [arXiv:2307.03060 [gr-qc]].

(59) N.DE LA FUENTE, "Holographic renormalization of scalar-tensor theories," thesis, UNIVERSIDAD DE CONCEPCION (2023)

(60) C. Y. Shao, Y. Hu and C. G. Shao, Chin. Phys. C **47**, no.10, 105101 (2023) doi:10.1088/1674-1137/ace522 [arXiv:2307.02084 [gr-qc]].

(61) C. Zhang, N. Dai, Q. Gao, Y. Gong, T. Jiang and X. Lu, Phys. Rev. D **108**, no.10, 104069 (2023) doi:10.1103/PhysRevD.108.104069 [arXiv:2307.01093 [gr-qc]].

(62) O. Miskovic, R. Olea, E. Papantonopoulos and Y. Parra-Cisterna, Phys. Rev. D **108**, no.6, 064012 (2023) doi:10.1103/PhysRevD.108.064012 [arXiv:2307.00554 [hep-th]].

(63) A. Bakopoulos, N. Chatzifotis, C. Erices and E. Papantonopoulos, JCAP **11**, 055 (2023) doi:10.1088/1475-7516/2023/11/055 [arXiv:2306.16768 [hep-th]].

(64) G. G. L. Nashed, Phys. Dark Univ. **41**, 101260 (2023) doi:10.1016/j.dark.2023.101260

(65) F. Thaalba, M. Bezares, N. Franchini and T. P. Sotiriou, Phys. Rev. D **109**, no.4, L041503 (2024) doi:10.1103/PhysRevD.109.L041503 [arXiv:2306.01695 [gr-qc]].

(66) B. Latosh and M. Park, [arXiv:2305.19814 [hep-th]].

(67) L. Pierini, "Quasinormal modes of black holes in Einstein-dilaton Gauss-Bonnet gravity," PhD thesis, Rome U. (2023)

(68) H. J. Lin, T. Zhu, S. J. Zhang and A. Wang, Phys. Rev. D **108**, no.4, 044005 (2023) doi:10.1103/PhysRevD.108.044005 [arXiv:2305.15733 [gr-qc]].

(69) Q. Li, Y. Zhang, Z. W. Lin, Q. Q. Li and Q. Sun, Mod. Phys. Lett. A **38**, no.04, 2350025 (2023) doi:10.1142/S0217732323500256 [arXiv:2307.04444 [gr-qc]].

(70) P. G. S. Fernandes, Phys. Rev. D **108**, no.6, 6 (2023) doi:10.1103/PhysRevD.108.L061502 [arXiv:2305.10382 [gr-qc]].

(71) C. Richards, A. Dima and H. Witek, Phys. Rev. D **108**, no.4, 044078 (2023) doi:10.1103/PhysRevD.108.0440 [arXiv:2305.07704 [gr-qc]].

(72) M. Minamitsuji and S. Mukohyama, Phys. Rev. D **108**, no.2, 024029 (2023) doi:10.1103/PhysRevD.108.0240 [arXiv:2305.05185 [gr-qc]].

(73) A. M. Pombo, J. M. S. Oliveira and N. M. Santos, Phys. Rev. D **108**, no.4, 044044 (2023) doi:10.1103/PhysRevD.108.044044 [arXiv:2304.13749 [gr-qc]].

(74) L. Capuano, L. Santoni and E. Barausse, Phys. Rev. D **108**, no.6, 6 (2023) doi:10.1103/PhysRevD.108.06405 [arXiv:2304.12750 [gr-qc]].

(75) D. Psaltis, doi:10.1142/9789811282676_0001 [arXiv:2304.09984 [gr-qc]].

(76) M. Y. Lai, D. C. Zou, R. H. Yue and Y. S. Myung, Phys. Rev. D **108**, no.8, 084007 (2023) doi:10.1103/PhysRevD.108.084007 [arXiv:2304.08012 [gr-qc]].

(77) S. J. Zhang, Eur. Phys. J. C **83**, no.10, 950 (2023) doi:10.1140/epjc/s10052-023-12144-z [arXiv:2304.08092 [gr-qc]].

(78) N. Jiang, "Testing General Relativity With Gravitational Waves From Compact Binaries," PhD thesis, University of Virginia (2023) doi:10.18130/9s37-n206

(79) J. Jiang and J. Tan, Eur. Phys. J. C **83**, no.4, 290 (2023) doi:10.1140/epjc/s10052-023-11455-5

(80) D. Y. Hong, Z. H. Wang and S. Y. Zhou, JHEP **10**, 135 (2023) doi:10.1007/JHEP10(2023)135 [arXiv:2304.01259 [hep-th]].

(81) Z. Hu, X. Miao and L. Shao, [arXiv:2303.17185 [astro-ph.HE]].

(82) K. Aoki and S. Tsujikawa, Phys. Lett. B **843**, 138022 (2023) doi:10.1016/j.physletb.2023.138022 [arXiv:2303.13717 [gr-qc]].

(83) A. Bakopoulos and T. Nakas, Phys. Rev. D **107**, no.12, 124035 (2023) doi:10.1103/PhysRevD.107.124035 [arXiv:2303.09116 [gr-qc]].

(84) S. Hod, Eur. Phys. J. C **83**, no.3, 214 (2023) doi:10.1140/epjc/s10052-023-11385-2 [arXiv:2303.16926 [gr-qc]].

(85) B. Ben Salem, "Tests of Gravity Theories with Pulsar Timing," PhD thesis, Universitat Bielefeld (2023) doi:10.4119/unibi/2978017

(86) A. Biswas, A. Kar, B. H. Lee, H. Lee, W. Lee, S. Scopel, L. Velasco-Sevilla and L. Yin, JCAP **08**, 024 (2023) doi:10.1088/1475-7516/2023/08/024 [arXiv:2303.05813 [hep-ph]].

(87) E. Babichev, C. Charmousis, M. Hassaine and N. Lecoeur, Phys. Rev. D **108**, no.2, 024019 (2023) doi:10.1103/PhysRevD.108.024019 [arXiv:2303.04126 [gr-qc]].

(88) B. Kleihaus, J. Kunz, T. Utermöhlen and E. Berti, Phys. Rev. D **107**, no.8, L081501 (2023) doi:10.1103/PhysRevD.107.L081501 [arXiv:2303.04107 [gr-qc]].

(89) E. S. Demirboğa, Y. E. Şahin and F. M. Ramazanoğlu, Phys. Rev. D **108**, no.2, 024028 (2023) doi:10.1103/PhysRevD.108.024028 [arXiv:2303.01910 [gr-qc]].

(90) I. van Gemeren, B. Shiralilou and T. Hinderer, Phys. Rev. D **108**, no.2, 024026 (2023) doi:10.1103/PhysRevD.108.024026 [arXiv:2302.08480 [gr-qc]].

(91) C. Promsiri, T. Tangphati, E. Hirunsirisawat and S. Ponglertsakul, Phys. Rev. D **108**, no.2, 024015 (2023) doi:10.1103/PhysRevD.108.024015 [arXiv:2302.04654 [gr-qc]].

(92) N. Chatzifotis, P. Dorlis, N. E. Mavromatos and E. Papantonopoulos, Phys. Rev. D **107**, no.8, 084053 (2023) doi:10.1103/PhysRevD.107.084053 [arXiv:2302.03980 [gr-qc]].

(93) H. Xu and S. J. Zhang, Nucl. Phys. B **987**, 116110 (2023) doi:10.1016/j.nuclphysb.2023.116110 [arXiv:2302.05023 [gr-qc]].

(94) R. Kase and S. Tsujikawa, Phys. Rev. D **107**, no.10, 104045 (2023) doi:10.1103/PhysRevD.107.104045 [arXiv:2301.10362 [gr-qc]].

(95) H. J. Kuan,"Tidal Effects in Pre-merger Neutron Stars and Dynamics of Scalarized Compact Objects," PhD thesis, U. Tuebingen (2023) doi:10.15496/publikation-76851

(96) C. Zhang, H. Guo, Y. Gong and B. Wang, JCAP **06**, 020 (2023) doi:10.1088/1475-7516/2023/06/020 [arXiv:2301.05915 [gr-qc]].

(97) D. C. Zou, B. Meng, M. Zhang, S. Y. Li, M. Y. Lai and Y. S. Myung, Universe **9**, 26 (2023) doi:10.3390/universe9010026 [arXiv:2301.04784 [gr-qc]].

(98) J. Sun, Y. Liu, W. L. Qian, S. Chen and R. Yue, Chin. Phys. C **47**, no.2, 025104 (2023) doi:10.1088/1674-1137/aca4bc

(99) K. Hajian and J. Kunz, doi:10.1142/9789811269776_0111

(100) C. Erices, S. Riquelme and N. Zalaquett, Acta Phys. Polon. Supp. **16**, no.6, 15 (2023) doi:10.5506/APhysPolBSupp.16.6-A15

(101) P. Da Silva Fernandes, "Gauss-Bonnet Theories of Gravity in Four Dimensions," Queen Mary, U. of London (2023)

(102) B. Kleihaus and J. Kunz, Astron. Rep. **67**, no.Suppl 2, S108-S114 (2023) doi:10.1134/S106377292314010X

(103) F. L. Julié, V. Baibhav, E. Berti and A. Buonanno, Phys. Rev. D **107**, no.10, 104044 (2023) doi:10.1103/PhysRevD.107.104044 [arXiv:2212.13802 [gr-qc]].

(104) S. Tsujikawa, Phys. Lett. B **838**, 137751 (2023) doi:10.1016/j.physletb.2023.137751 [arXiv:2212.10022 [gr-qc]].

(105) D. Liang, R. Xu, Z. F. Mai and L. Shao, Phys. Rev. D **107**, no.4, 044053 (2023) doi:10.1103/PhysRevD.107.044053 [arXiv:2212.09346 [gr-qc]].

(106) M. Abu-Saleem and A. Taani, Axioms **11**, no.12, 745 (2022) doi:10.3390/axioms11120745

(107) P. G. S. Fernandes and D. J. Mulryne, Class. Quant. Grav. **40**, no.16, 165001 (2023) doi:10.1088/1361-6382/ace232 [arXiv:2212.07293 [gr-qc]].

(108) S. Barsanti, A. Maselli, T. P. Sotiriou and L. Gualtieri, Phys. Rev. Lett. **131**, no.5, 051401 (2023) doi:10.1103/PhysRevLett.131.051401 [arXiv:2212.03888 [gr-qc]].

(109) J. L. Blázquez-Salcedo and F. S. Khoo, Phys. Rev. D **107**, no.8, 084031 (2023) doi:10.1103/PhysRevD.107.08 [arXiv:2212.00054 [gr-qc]].

(110) Y. S. Myung, D. C. Zou and M. Y. Lai, [arXiv:2211.14975 [gr-qc]].

(111) Q. Chen, Y. Liu, Y. Tian, X. Wu and H. Zhang, Phys. Rev. D **108**, no.10, 106017 (2023) doi:10.1103/PhysRevD.108.106017 [arXiv:2211.11291 [hep-th]].

(112) A. H. K. R, J. L. Ripley and N. Yunes, Phys. Rev. D **107**, no.4, 044044 (2023) doi:10.1103/PhysRevD.107.044 [arXiv:2211.08477 [gr-qc]].

(113) M. Zhang and J. Jiang, Phys. Rev. D **107**, no.4, 044002 (2023) doi:10.1103/PhysRevD.107.044002 [arXiv:2211.03650 [gr-qc]].

(114) G. Antoniou, A. Papageorgiou and P. Kanti, Universe **9**, no.3, 147 (2023) doi:10.3390/universe9030147 [arXiv:2210.17533 [gr-qc]].

(115) L. DUCOBU, "Compact objects in modified theories of gravity," PhD thesis, University of Mons (2022)

(116) Q. Chen, Z. Ning, Y. Tian, B. Wang and C. Y. Zhang, JHEP **01**, 062 (2023) doi:10.1007/JHEP01(2023)062 [arXiv:2210.14539 [hep-th]].

(117) M. H. Wu, H. Guo and X. M. Kuang, Symmetry **14**, no.11, 2237 (2022) doi:10.3390/sym14112237

(118) Th. Katsoulas, "Black Hole solutions in Einstein-Gauss-Bonnet Theory with a self-interacting scalar field, " thesis, UNIVERSITY OF IOANNINA (2023)

(119) C. Zhang, Y. Gong, D. Liang and B. Wang, JCAP **06**, 054 (2023) doi:10.1088/1475-7516/2023/06/054 [arXiv:2210.11121 [gr-qc]].

(120) B. Elder and J. Sakstein, Phys. Rev. D **107**, no.4, 044006 (2023) doi:10.1103/PhysRevD.107.044006 [arXiv:2210.10955 [gr-qc]].

(121) Y. Higashino, S. Tsujikawa, Phys.Rev.D 107 (2023) 4, 044003

(122) M. Corman, J. L. Ripley and W. E. East, Phys. Rev. D **107**, no.2, 024014 (2023) doi:10.1103/PhysRevD.107.024014 [arXiv:2210.09235 [gr-qc]].

(123) Y. Peng, Eur. Phys. J. C **83**, no.2, 140 (2023) doi:10.1140/epjc/s10052-023-11310-7 [arXiv:2210.03902 [gr-qc]].

(124) J. G. Lara Delgado, "The strong gravitational field regime of compact objects beyond General Relativity," PhD thesis, SISSA Trieste (2022)

(125) C. Niu, W. Xiong, P. Liu, C. Y. Zhang and B. Wang, [arXiv:2209.12117 [gr-qc]].

(126) R. X. Adhikari, L. A. Anchordoqui, K. Fang, B. S. Sathyaprakash, K. Tollefson, T. R. Lewis, K. Engel, A. Aboubrahim, O. Akarsu and Y. Akrami, *et al.* [arXiv:2209.11726 [hep-ph]].

(127) A. Bakopoulos, C. Charmousis and N. Lecoeur, [arXiv:2209.09499 [gr-qc]].

(128) S. J. Zhang, B. Wang, E. Papantonopoulos and A. Wang, Eur. Phys. J. C **83**, no.1, 97 (2023) doi:10.1140/epjc/s10052-023-11254-y [arXiv:2209.02268 [gr-qc]].

(129) L. Xie, C. Fang, J. Jiang and M. Zhang, Phys. Lett. B **833**, 137396 (2022) doi:10.1016/j.physletb.2022.137396 [arXiv:2208.14224 [hep-th]].

(130) M. Y. Lai, Y. S. Myung, R. H. Yue and D. C. Zou, Phys. Rev. D **106**, no.8, 084043 (2022) doi:10.1103/PhysRevD.106.084043 [arXiv:2208.11849 [gr-qc]].

(131) M. Minamitsuji and S. Tsujikawa, Phys. Lett. B **840**, 137869 (2023) doi:10.1016/j.physletb.2023.137869 [arXiv:2208.08107 [gr-qc]].

(132) K. Hajian, J. Kunz, Proc. of he Sixteenth Marcel Grossmann Meeting, pp. 1372-1390 (2023)

(133) Y. Liu, C. Y. Zhang, Q. Chen, Z. Cao, Y. Tian and B. Wang, Sci. China Phys. Mech. Astron. **66**, no.10, 100412 (2023) doi:10.1007/s11433-023-2160-1 [arXiv:2208.07548 [gr-qc]].

(134) C. M. Zhang, M. Zhang and D. C. Zou, Chin. Phys. C **47**, no.1, 015106 (2023) doi:10.1088/1674-1137/ac9b2c [arXiv:2208.06830 [gr-qc]].

(135) R. L. Workman *et al.* [Particle Data Group], PTEP **2022**, 083C01 (2022) doi:10.1093/ptep/ptac097

(136) G. Ventagli, [arXiv:2209.15330 [gr-qc]].

(137) M. M. Khalil, doi:10.13016/nj5r-bfj5

(138) L. Shao, "Gravity Tests with Radio Pulsars in Perturbative and Nonperturbative Regimes," doi:10.1142/9789811275388_0019 [arXiv:2208.00142 [gr-qc]].

(139) J. Qiu and C. Gao, Eur. Phys. J. C **82**, no.7, 654 (2022) doi:10.1140/epjc/s10052-022-10618-0

(140) Qian Li, Chen Ma, Yu Zhang, Zhi-Wen Lin, Peng-Fei Duan, Chin.J.Phys. 77 (2022) 1269

(141) J. L. Ripley, Int. J. Mod. Phys. D **31**, no.13, 2230017 (2022) doi:10.1142/S0218271822300178 [arXiv:2207.13074 [gr-qc]].

(142) A. Pombo, "Black holes and solitonic objects with bosonic fields, " PhD Thesis, University of Aveiro (2022)

(143) G. Fu, D. Zhang, P. Liu, X. M. Kuang, Q. Pan and J. P. Wu, Phys. Rev. D **107**, no.4, 044049 (2023) doi:10.1103/PhysRevD.107.044049 [arXiv:2207.12927 [gr-qc]].

(144) I. R. van Gemeren, "Black holes letting their hair down; Incorporating tidal effects in the gravitational wave signature of scalarized black holes in quadratic gravity," thesis, Utrech Univesrsity (2022)

(145) T. Karakasis, G. Koutsoumbas, A. Machattou and E. Papantonopoulos, Phys. Rev. D **106**, no.10, 104006 (2022) doi:10.1103/PhysRevD.106.104006 [arXiv:2207.13146 [gr-qc]].

(146) P. G. S. Fernandes, D. J. Mulryne and J. F. M. Delgado, Class. Quant. Grav. **39**, no.23, 235015 (2022) doi:10.1088/1361-6382/aca010 [arXiv:2207.10692 [gr-qc]].

(147) N. M. Santos, C. A. R. Herdeiro and E. Radu, Phys. Rev. D **106**, no.12, 12 (2022) doi:10.1103/PhysRevD.106.124005 [arXiv:2207.10089 [gr-qc]].

(148) M. Minamitsuji and S. Tsujikawa, Phys. Rev. D **106**, no.6, 064008 (2022) doi:10.1103/PhysRevD.106.064008 [arXiv:2207.04461 [gr-qc]].

(149) E. Babichev, W. T. Emond and S. Ramazanov, Phys. Rev. D **106**, no.6, 063524 (2022) doi:10.1103/PhysRevD.106.063524 [arXiv:2207.03944 [gr-qc]].

(150) Z. Lyu, "Topics in Compact Object Astrophysics and Fundamental Physics with Current and Future Gravitational Wave Observations," PhD thesis, University of Guelph (2022)

(151) L. Shao, Lect. Notes Phys. **1017**, 385-402 (2023) doi:10.1007/978-3-031-31520-6_12 [arXiv:2206.15187 [gr-qc]].

(152) M. Khalil, R. F. P. Mendes, N. Ortiz and J. Steinhoff, Phys. Rev. D **106**, no.10, 104016 (2022) doi:10.1103/PhysRevD.106.104016 [arXiv:2206.13233 [gr-qc]].

(153) M. Y. Lai, Y. S. Myung, R. H. Yue and D. C. Zou, Phys. Rev. D **106**, no.4, 044045 (2022) doi:10.1103/PhysRevD.106.044045 [arXiv:2206.11587 [gr-qc]].

(154) G. G. L. Nashed and E. N. Saridakis, Eur. Phys. J. Plus **138**, 318 (2023) doi:10.1140/epjp/s13360-023-03767-y [arXiv:2206.12256 [gr-qc]].

(155) S. E. Perkins, "Tests of fundamental physics with gravitational waves: Theory and application," PhD thesis, Illinois U., Urbana (2022)

(156) W. K. Luo, C. Y. Zhang, P. Liu, C. Niu and B. Wang, Phys. Rev. D **106**, no.6, 064036 (2022) doi:10.1103/PhysRevD.106.064036 [arXiv:2206.05690 [gr-qc]].

(157) J.R. Morris, Annals Phys. 438 (2022) 168782

(158) Y. Liu, C. Y. Zhang, W. L. Qian, K. Lin and B. Wang, JHEP **01**, 074 (2023) doi:10.1007/JHEP01(2023)074 [arXiv:2206.05012 [gr-qc]].

(159) S. Bahamonde, J. Gigante Valcarcel, L. Järv and J. Lember, JCAP **08**, 082 (2022) doi:10.1088/1475-7516/2022/08/082 [arXiv:2206.02725 [gr-qc]].

(160) H. Mohseni Sadjadi and V. Anari, Eur. Phys. J. Plus **138**, no.1, 84 (2023) doi:10.1140/epjp/s13360-023-03716-9 [arXiv:2205.15693 [gr-qc]].

(161) N. Franchini, M. Bezares, E. Barausse and L. Lehner, Phys. Rev. D **106**, no.6, 064061 (2022) doi:10.1103/PhysRevD.106.064061 [arXiv:2206.00014 [gr-qc]].

(162) D. Heumann and D. Psaltis, Phys. Rev. D **107**, no.4, 044015 (2023) doi:10.1103/PhysRevD.107.044015 [arXiv:2205.12994 [gr-qc]].

(163) W. Xiong, P. Liu, C. Niu, C. Y. Zhang and B. Wang, Chin. Phys. C **46**, no.9, 095103 (2022) doi:10.1088/1674-1137/ac70ad [arXiv:2205.07538 [gr-qc]].

(164) M. Elley, H. O. Silva, H. Witek and N. Yunes, Phys. Rev. D **106**, no.4, 044018 (2022) doi:10.1103/PhysRevD.106.044018 [arXiv:2205.06240 [gr-qc]].

(165) H. O. Silva, A. Ghosh and A. Buonanno, Phys. Rev. D **107**, no.4, 044030 (2023) doi:10.1103/PhysRevD.107.044030 [arXiv:2205.05132 [gr-qc]].

(166) A. Papageorgiou, C. Park and M. Park, Phys. Rev. D **106**, no.8, 084024 (2022) doi:10.1103/PhysRevD.106.08 [arXiv:2205.00907 [hep-th]].

(167) M. Minamitsuji, K. Takahashi and S. Tsujikawa, Phys. Rev. D **106**, no.4, 044003 (2022) doi:10.1103/PhysRevD.106.044003 [arXiv:2204.13837 [gr-qc]].

(168) C. Y. Zhang, Q. Chen, Y. Liu, W. K. Luo, Y. Tian and B. Wang, Phys. Rev. D **106**, no.6, L061501 (2022) doi:10.1103/PhysRevD.106.L061501 [arXiv:2204.09260 [gr-qc]].

(169) L. K. Wong, C. A. R. Herdeiro and E. Radu, Phys. Rev. D **106**, no.2, 024008 (2022) doi:10.1103/PhysRevD.106.024008 [arXiv:2204.09038 [gr-qc]].

(170) M. Minamitsuji, A. De Felice, S. Mukohyama and M. Oliosi, Phys. Rev. D **105**, no.12, 123026 (2022) doi:10.1103/PhysRevD.105.123026 [arXiv:2204.08217 [gr-qc]].

(171) S. Barton, C. Kiefer, B. Kleihaus and J. Kunz, Eur. Phys. J. C **82**, no.9, 802 (2022) doi:10.1140/epjc/s10052-022-10761-8 [arXiv:2204.08232 [gr-qc]].

(172) C. A. R. Herdeiro, Lect. Notes Phys. **1017**, 315-331 (2023) doi:10.1007/978-3-031-31520-6_8 [arXiv:2204.05640 [gr-qc]].

(173) S. Hod, Phys. Rev. D **105**, no.8, 084013 (2022) doi:10.1103/PhysRevD.105.084013 [arXiv:2204.13122 [gr-qc]].

(174) S. Tuna, K. İ. Ünlütürk and F. M. Ramazanoğlu, Phys. Rev. D **105**, no.12, 124070 (2022) doi:10.1103/PhysRevD.105.124070 [arXiv:2204.02138 [gr-qc]].

(175) G. Antoniou, C. F. B. Macedo, R. McManus and T. P. Sotiriou, Phys. Rev. D **106**, no.2, 024029 (2022) doi:10.1103/PhysRevD.106.024029 [arXiv:2204.01684 [gr-qc]].

(176) S. Hod, Phys. Rev. D **105**, no.8, 084056 (2022) doi:10.1103/PhysRevD.105.084056 [arXiv:2204.01748 [gr-qc]].

(177) A. Marrani, O. Miskovic and P. Q. Leon, JHEP **07**, 100 (2022) doi:10.1007/JHEP07(2022)100 [arXiv:2203.14388 [hep-th]].

(178) L. Annulli, C. A. R. Herdeiro and E. Radu, Phys. Lett. B **832**, 137227 (2022) doi:10.1016/j.physletb.2022.137 [arXiv:2203.13267 [gr-qc]].

(179) J. F. M. Delgado, [arXiv:2204.02419 [gr-qc]].

(180) S. H. Mazharimousavi, Eur. Phys. J. C **82**, no.3, 238 (2022) doi:10.1140/epjc/s10052-022-10198-z

(181) Y. P. Zhang, Y. Q. Wang, S. W. Wei and Y. X. Liu, Phys. Rev. D **106**, no.2, 024027 (2022) doi:10.1103/PhysRevD.106.024027 [arXiv:2203.10341 [gr-qc]].

(182) S. G. Ghosh and R. K. Walia, doi:10.1142/9789811269776_0084 [arXiv:2203.07775 [gr-qc]].

(183) F. Foucart, P. Laguna, G. Lovelace, D. Radice and H. Witek, [arXiv:2203.08139 [gr-qc]].

(184) C. Erices, S. Riquelme and N. Zalaquett, Phys. Rev. D **106**, no.4, 044046 (2022) doi:10.1103/PhysRevD.106.0 [arXiv:2203.06030 [gr-qc]].

(185) E. Berti, V. Cardoso, Z. Haiman, D. E. Holz, E. Mottola, S. Mukherjee, B. Sathyaprakash, X. Siemens and N. Yunes, [arXiv:2203.06240 [hep-ph]].

(186) S. Hod, Phys. Lett. B **826**, 136926 (2022) doi:10.1016/j.physletb.2022.136926

(187) S. Barsanti, N. Franchini, L. Gualtieri, A. Maselli and T. P. Sotiriou, Phys. Rev. D **106**, no.4, 044029 (2022) doi:10.1103/PhysRevD.106.044029 [arXiv:2203.05003 [gr-qc]].

(188) D. C. Moreira, F. A. Brito and D. Bazeia, Nucl. Phys. B **987**, 116090 (2023) doi:10.1016/j.nuclphysb.2023.11 [arXiv:2203.02803 [hep-th]].

(189) P. G. S. Fernandes, P. Carrilho, T. Clifton and D. J. Mulryne, Class. Quant. Grav. **39**, no.6, 063001 (2022) doi:10.1088/1361-6382/ac500a [arXiv:2202.13908 [gr-qc]].

(190) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Universe **8**, no.3, 153 (2022) doi:10.3390/universe8030153 [arXiv:2204.04984 [gr-qc]].

(191) N. Chatzifotis, P. Dorlis, N. E. Mavromatos and E. Papantonopoulos, Phys. Rev. D **105**, no.8, 084051 (2022) doi:10.1103/PhysRevD.105.084051 [arXiv:2202.03496 [gr-qc]].

(192) F. L. Julié, H. O. Silva, E. Berti and N. Yunes, Phys. Rev. D **105**, no.12, 124031 (2022) doi:10.1103/PhysRevD.105.124031 [arXiv:2202.01329 [gr-qc]].

(193) S. Kiorpelidi, G. Koutsoumbas, A. Machattou and E. Papantonopoulos, Phys. Rev. D **105**, no.10, 104039 (2022) doi:10.1103/PhysRevD.105.104039 [arXiv:2202.00655 [gr-qc]].

(194) S. Bahamonde, L. Ducobu and C. Pfeifer, JCAP **04**, no.04, 018 (2022) doi:10.1088/1475-7516/2022/04/018 [arXiv:2201.11445 [gr-qc]].

(195) H. Guo, Y. Liu, C. Zhang, Y. Gong, W. L. Qian and R. H. Yue, Phys. Rev. D **106**, no.2, 024047 (2022) doi:10.1103/PhysRevD.106.024047 [arXiv:2201.10748 [gr-qc]].

(196) M. Minamitsuji, K. Takahashi and S. Tsujikawa, Phys. Rev. D **105**, no.10, 104001 (2022) doi:10.1103/PhysRevD.105.104001 [arXiv:2201.09687 [gr-qc]].

(197) S. Hod, Phys. Rev. D **105**, no.2, 024074 (2022) doi:10.1103/PhysRevD.105.024074

(198) A. Hegade K R, E. R. Most, J. Noronha, H. Witek and N. Yunes, Phys. Rev. D **105**, no.6, 064041 (2022) doi:10.1103/PhysRevD.105.064041 [arXiv:2201.05178 [gr-qc]].

(199) S. Hod, JHEP **02**, 039 (2022) doi:10.1007/JHEP02(2022)039 [arXiv:2201.03503 [hep-th]].

(200) S. Perkins and N. Yunes, Phys. Rev. D **105**, no.12, 124047 (2022) doi:10.1103/PhysRevD.105.124047 [arXiv:2201.02542 [gr-qc]].

(201) Z. Lyu, N. Jiang and K. Yagi, Phys. Rev. D **105**, no.6, 064001 (2022) [erratum: Phys. Rev. D **106**, no.6, 069901 (2022); erratum: Phys. Rev. D **106**, no.6, 069901 (2022)] doi:10.1103/PhysRevD.105.064001 [arXiv:2201.02543 [gr-qc]].

(202) A. Sang and J. Jiang, Phys. Rev. D **105**, no.8, 084047 (2022) doi:10.1103/PhysRevD.105.084047 [arXiv:2201.00664 [gr-qc]].

(203) P. Kanti, A. Bakopoulos and N. Pappas, doi:10.1142/9789811258251_0080

(204) Z. H. Yang, G. Fu, X. M. Kuang and J. P. Wu, Eur. Phys. J. C **82**, no.10, 868 (2022) doi:10.1140/epjc/s10052-022-10834-8 [arXiv:2112.15052 [gr-qc]].

(205) G. G. L. Nashed and S. Nojiri, Eur. Phys. J. C **83**, no.1, 68 (2023) doi:10.1140/epjc/s10052-022-11165-4 [arXiv:2112.13391 [gr-qc]].

(206) C. Y. Zhang, Q. Chen, Y. Liu, W. K. Luo, Y. Tian and B. Wang, Phys. Rev. Lett. **128**, no.16, 161105 (2022) doi:10.1103/PhysRevLett.128.161105 [arXiv:2112.07455 [gr-qc]].

(207) E. S. Demirboğa, A. Coates and F. M. Ramazanoğlu, Phys. Rev. D **105**, no.2, 024057 (2022) doi:10.1103/PhysRevD.105.024057 [arXiv:2112.04269 [gr-qc]].

(208) D. Bazeia, M. A. Marques and R. Menezes, Phys. Rev. D **104**, no.12, L121703 (2021) doi:10.1103/PhysRevD.104.L121703 [arXiv:2112.03201 [hep-th]].

(209) B. H. Lee, H. Lee and W. Lee, [arXiv:2111.13380 [gr-qc]].

(210) C. Y. Zhang, P. Liu, Y. Liu, C. Niu and B. Wang, Phys. Rev. D **105**, no.2, 024073 (2022) doi:10.1103/PhysRevD.105.024073 [arXiv:2111.10744 [gr-qc]].

(211) E.-D. Smyrniotis, "Neutron star models in 4D Gauss-Bonnet gravity constructed with an iterative numerical method," thesis, Aristotle University of Thessaloniki (2021)

(212) R. Ibadov, B. Kleihaus, J. Kunz and S. Murodov, Arab. J. Math. **11**, no.1, 31-41 (2022) doi:10.1007/s40065-021-00350-0 [arXiv:2111.09628 [gr-qc]].

(213) A. Bakopoulos, C. Charmousis and P. Kanti, JCAP **05**, no.05, 022 (2022) doi:10.1088/1475-7516/2022/05/022 [arXiv:2111.09857 [gr-qc]].

(214) C. A. R. Herdeiro, A. M. Pombo and E. Radu, Universe **7**, no.12, 483 (2021) doi:10.3390/universe7120483 [arXiv:2111.06442 [gr-qc]].

(215) E. Lope-Oter, F. Llanes-Estrada, Eur.Phys.J.A 58 (2022) 1, 9

(216) R. Xu, Y. Gao and L. Shao, Phys. Rev. D **105**, no.2, 024003 (2022) doi:10.1103/PhysRevD.105.024003 [arXiv:2111.06561 [gr-qc]].

(217) Y. Bao, H. Guo and X. M. Kuang, Phys. Lett. B **822**, 136646 (2021) doi:10.1016/j.physletb.2021.136646

(218) A. Addazi, J. Alvarez-Muniz, R. Alves Batista, G. Amelino-Camelia, V. Antonelli, M. Arzano, M. Asorey, J. L. Atteia, S. Bahamonde and F. Bajardi, *et al.* Prog. Part. Nucl. Phys. **125**, 103948 (2022) doi:10.1016/j.ppnp.2022.103948 [arXiv:2111.05659 [hep-ph]].

(219) Y. Chen, X. Guo and P. Wang, [arXiv:2111.03810 [hep-th]].

(220) G. Ventagli, G. Antoniou, A. Lehébel and T. P. Sotiriou, Phys. Rev. D **104**, no.12, 124078 (2021) doi:10.1103/PhysRevD.104.124078 [arXiv:2111.03644 [gr-qc]].

(221) R. Kase and S. Tsujikawa, Phys. Rev. D **105**, no.2, 024059 (2022) doi:10.1103/PhysRevD.105.024059 [arXiv:2110.12728 [gr-qc]].

(222) J. Qiu and C. Gao, [arXiv:2110.09960 [gr-qc]].

(223) T. Ikeda, V. Cardoso and M. Zilhão, Phys. Rev. Lett. **127**, no.19, 191101 (2021) doi:10.1103/PhysRevLett.127.191101 [arXiv:2110.06937 [gr-qc]].

(224) O. J. C. Dias, G. T. Horowitz and J. E. Santos, JHEP **12**, 179 (2021) doi:10.1007/JHEP12(2021)179 [arXiv:2110.06225 [hep-th]].

(225) H. O. Silva, A. Coates, F. M. Ramazanoğlu and T. P. Sotiriou, Phys. Rev. D **105**, no.2, 024046 (2022) doi:10.1103/PhysRevD.105.024046 [arXiv:2110.04594 [gr-qc]].

(226) L. Annulli, [arXiv:2110.02704 [gr-qc]].

(227) A. Saffer and K. Yagi, Phys. Rev. D **104**, no.12, 124052 (2021) doi:10.1103/PhysRevD.104.124052 [arXiv:2110.02997 [gr-qc]].

(228) R. Wildenberg, "About the effect of higher-curvature gravity on the shadow of a black hole," thesis, Utrecht University (2021)

(229) Y. Brihaye, B. Hartmann, B. Kleihaus and J. Kunz, Phys. Rev. D **105**, no.4, 044050 (2022) doi:10.1103/PhysRevD.105.044050 [arXiv:2109.12345 [gr-qc]].

(230) K. V. Staykov and R. Z. Zheleva, Eur. Phys. J. C **82**, no.2, 108 (2022) doi:10.1140/epjc/s10052-022-10046-0 [arXiv:2109.09399 [gr-qc]].

(231) N. Sennett, "Probing Fundamental Physics With Gravitational Waves From Inspiraling Binary Systems," PhD thesis, Maryland U. (2021) doi:10.13016/y0rz-gogy

(232) A. Dima, "Testing the gravitational phenomenology of compact objects: superradiance, scalarization and screening mechanisms," PhD thesis, SISSA, Trieste (2021)

(233) T. Anson, "Black holes, stars and cosmology in scalar-tensor theories," PhD thesis, IJCLab, Orsay (2021) 2021UPASP067, tel-03374009.

(234) M. Heydari-Fard and M. Heydari-Fard, Int. J. Mod. Phys. D **31**, no.08, 2250066 (2022) doi:10.1142/S0218271822500663 [arXiv:2109.02059 [gr-qc]].

(235) C. Charmousis, A. Lehébel, E. Smyrniotis and N. Stergioulas, JCAP **02**, no.02, 033 (2022) doi:10.1088/1475-7516/2022/02/033 [arXiv:2109.01149 [gr-qc]].

(236) F. Corelli, T. Ikeda and P. Pani, Phys. Rev. D **104**, no.8, 084069 (2021) doi:10.1103/PhysRevD.104.084069 [arXiv:2108.08328 [gr-qc]].

(237) S. Tahura, "Probing Strong-Field Gravity with Gravitational Waves," PhD thesis, University of Virginia (2021) doi:10.18130/v87y-hm53

(238) F. Yao, "Scalarized Einstein–Maxwell-scalar black holes in a cavity," Eur. Phys. J. C **81**, no.11, 1009 (2021) doi:10.1140/epjc/s10052-021-09793-3 [arXiv:2107.12039 [gr-qc]].

(239) P. Brax, A. C. Davis, S. Melville and L. K. Wong, JCAP **10**, 075 (2021) doi:10.1088/1475-7516/2021/10/075 [arXiv:2107.10841 [gr-qc]].

(240) T. M. Pham, D. H. Nguyen and T. Q. Do, [arXiv:2107.05926 [gr-qc]].

(241) A. Bakopoulos and T. Nakas, JHEP **04**, 096 (2022) doi:10.1007/JHEP04(2022)096 [arXiv:2107.05656 [gr-qc]].

(242) A. Kovacs, "The Cauchy problem and the initial data problem in effective theories of gravity," PhD thesis, University of Cambridge (2021)

(243) A. Dima, M. Bezares and E. Barausse, Phys. Rev. D **104**, no.8, 084017 (2021) doi:10.1103/PhysRevD.104.08 [arXiv:2107.04359 [gr-qc]].

(244) P. G. S. Fernandes, P. Carrilho, T. Clifton and D. J. Mulryne, Phys. Rev. D **104**, no.4, 044029 (2021) doi:10.1103/PhysRevD.104.044029 [arXiv:2107.00046 [gr-qc]].

(245) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Arab. J. Math. **11**, no.1, 17-30 (2022) doi:10.1007/s40065-021-00349-7 [arXiv:2106.15574 [gr-qc]].

(246) A. Maselli, N. Franchini, L. Gualtieri, T. P. Sotiriou, S. Barsanti and P. Pani, Nature Astron. **6**, no.4, 464-470 (2022) doi:10.1038/s41550-021-01589-5 [arXiv:2106.11325 [gr-qc]].

(247) A. Bryant, H. O. Silva, K. Yagi and K. Glampedakis, Phys. Rev. D **104**, no.4, 044051 (2021) doi:10.1103/PhysRevD.104.044051 [arXiv:2106.09657 [gr-qc]].

(248) M. Herrero-Valea, JHEP **03**, 075 (2022) doi:10.1007/JHEP03(2022)075 [arXiv:2106.08344 [gr-qc]].

(249) M. Minamitsuji and S. Tsujikawa, Phys. Lett. B **820**, 136509 (2021) doi:10.1016/j.physletb.2021.136509 [arXiv:2105.14661 [gr-qc]].

(250) B. Shiralilou, T. Hinderer, S. M. Nissanke, N. Ortiz and H. Witek, Class. Quant. Grav. **39**, no.3, 035002 (2022) doi:10.1088/1361-6382/ac4196 [arXiv:2105.13972 [gr-qc]].

(251) Y. Brihaye and Y. Verbin, Phys. Rev. D **104**, no.2, 024047 (2021) doi:10.1103/PhysRevD.104.024047 [arXiv:2105.11402 [gr-qc]].

(252) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(253) W. E. East and J. L. Ripley, Phys. Rev. Lett. **127**, no.10, 101102 (2021) doi:10.1103/PhysRevLett.127.10110 [arXiv:2105.08571 [gr-qc]].

(254) L. Annulli, Phys. Rev. D **104**, no.12, 124028 (2021) doi:10.1103/PhysRevD.104.124028 [arXiv:2105.08728 [gr-qc]].

(255) G. Antoniou, A. Lehébel, G. Ventagli and T. P. Sotiriou, Phys. Rev. D **104**, no.4, 044002 (2021) doi:10.1103/PhysRevD.104.044002 [arXiv:2105.04479 [gr-qc]].

(256) S. Hansraj, A. Banerjee, L. Moodly, M. Jasim, Class.Quant.Grav. 38 (2021) 3, 035002

(257) P. G. S. Fernandes, Phys. Rev. D **103**, no.10, 104065 (2021) doi:10.1103/PhysRevD.103.104065 [arXiv:2105.04687 [gr-qc]].

(258) K. Yagi and M. Stepniczka, Phys. Rev. D **104**, no.4, 044017 (2021) doi:10.1103/PhysRevD.104.044017 [arXiv:2105.01614 [gr-qc]].

(259) C. Y. Zhang, P. Liu, Y. Liu, C. Niu and B. Wang, Phys. Rev. D **105**, no.2, 024010 (2022) doi:10.1103/PhysRevD.105.024010 [arXiv:2104.07281 [gr-qc]].

(260) D. C. Zou and Y. S. Myung, Phys. Lett. B **820**, 136545 (2021) doi:10.1016/j.physletb.2021.136545 [arXiv:2104.06583 [gr-qc]].

(261) P. Cañate, J. Sultana and D. Kazanas, Class. Quant. Grav. **38**, no.12, 125002 (2021) doi:10.1088/1361-6382/abf97f [arXiv:2104.06105 [gr-qc]].

(262) C. Herdeiro, E. Radu and D. H. Tchrakian, Symmetry **13**, no.4, 590 (2021) doi:10.3390/sym13040590 [arXiv:2104.01547 [gr-qc]].

(263) C. Y. Zhang, P. Liu, Y. Liu, C. Niu and B. Wang, Phys. Rev. D **104**, no.8, 084089 (2021) doi:10.1103/PhysRevD.104.084089 [arXiv:2103.13599 [gr-qc]].

(264) Y. Brihaye, R. Capobianco and B. Hartmann, Phys. Rev. D **103**, 124020 (2021) doi:10.1103/PhysRevD.103.1 [arXiv:2103.09307 [gr-qc]].

(265) A. D. Kovacs, "On the construction of asymptotically flat initial data in scalar-tensor effective field theory," [arXiv:2103.06895 [gr-qc]].

(266) Y. S. Myung and D. C. Zou, Phys. Rev. D **104**, no.6, 064015 (2021) doi:10.1103/PhysRevD.104.064015 [arXiv:2103.06449 [gr-qc]].

(267) Y. Xie, J. Zhang, H. O. Silva, C. de Rham, H. Witek and N. Yunes, Phys. Rev. Lett. **126**, no.24, 241104 (2021) doi:10.1103/PhysRevLett.126.241104 [arXiv:2103.03925 [gr-qc]].

(268) S. Barton, B. Hartmann, B. Kleihaus and J. Kunz, Phys. Lett. B **817**, 136336 (2021) doi:10.1016/j.physletb.2021.136336 [arXiv:2103.01651 [gr-qc]].

(269) S. J. Zhang, Eur. Phys. J. C **81**, no.5, 441 (2021) doi:10.1140/epjc/s10052-021-09249-8 [arXiv:2102.10479 [gr-qc]].

(270) Y. X. Gao and Y. Xie, Phys. Rev. D **103**, no.4, 043008 (2021) doi:10.1103/PhysRevD.103.043008

(271) G. Guo, P. Wang, H. Wu and H. Yang, Eur. Phys. J. C **81**, no.10, 864 (2021) doi:10.1140/epjc/s10052-021-09614-7 [arXiv:2102.04015 [gr-qc]].

(272) E. Contreras, J. Ovalle and R. Casadio, Phys. Rev. D **103**, no.4, 044020 (2021) doi:10.1103/PhysRevD.103.0 [arXiv:2101.08569 [gr-qc]].

(273) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(274) A. Herrera-Aguilar, D. F. Higuita-Borja and J. A. Méndez-Zavaleta, Phys. Rev. D **103**, no.12, 124025 (2021) doi:10.1103/PhysRevD.103.124025 [arXiv:2012.13412 [hep-th]].

(275) H. Guo, X. M. Kuang, E. Papantonopoulos and B. Wang, Eur. Phys. J. C **81**, no.9, 842 (2021) doi:10.1140/epjc/s10052-021-09630-7 [arXiv:2012.11844 [gr-qc]].

(276) H. O. Silva, H. Witek, M. Elley and N. Yunes, Phys. Rev. Lett. **127**, no.3, 031101 (2021) doi:10.1103/PhysRevLett.127.031101 [arXiv:2012.10436 [gr-qc]].

(277) B. Shiralilou, T. Hinderer, S. Nissanke, N. Ortiz and H. Witek, Phys. Rev. D **103**, no.12, L121503 (2021) doi:10.1103/PhysRevD.103.L121503 [arXiv:2012.09162 [gr-qc]].

(278) J. M. S. Oliveira and A. M. Pombo, Phys. Rev. D **103**, no.4, 044004 (2021) doi:10.1103/PhysRevD.103.04400 [arXiv:2012.07869 [gr-qc]].

(279) R. Ibadov, B. Kleihaus, J. Kunz and S. Murodov, Symmetry **13**, no.1, 89 (2021) doi:10.3390/sym13010089 [arXiv:2012.05178 [gr-qc]].

(280) H. Azri and S. Nasri, Phys. Rev. D **103**, no.2, 024035 (2021) doi:10.1103/PhysRevD.103.024035 [arXiv:2012.04694 [gr-qc]].

(281) D. Psaltis, C. Talbot, E. Payne and I. Mandel, Phys. Rev. D **103**, 104036 (2021) doi:10.1103/PhysRevD.103.104036 [arXiv:2012.02117 [gr-qc]].

(282) Y. S. Myung and D. C. Zou, Phys. Lett. B **814**, 136081 (2021) doi:10.1016/j.physletb.2021.136081 [arXiv:2012.02375 [gr-qc]].

(283) P. Wang, H. Wu and H. Yang, Phys. Rev. D **103**, no.10, 104012 (2021) doi:10.1103/PhysRevD.103.104012 [arXiv:2012.01066 [gr-qc]].

(284) J. M. d. Oliveira, "Aspects of Einstein-Maxwell-scalar models: solitons, duality and scalarisation," PhD thesis, University of Aveiro (2020)

(285) Y. S. Myung and D. C. Zou, Phys. Rev. D **103**, no.2, 024010 (2021) doi:10.1103/PhysRevD.103.024010 [arXiv:2011.09665 [gr-qc]].

(286) S. H. Völkel, E. Barausse, N. Franchini and A. E. Broderick, Class. Quant. Grav. **38**, no.21, 21LT01 (2021) doi:10.1088/1361-6382/ac27ed [arXiv:2011.06812 [gr-qc]].

(287) S. Jiang, "Spontaneous Scalarization of Charged Gauss-Bonnet Black Holes: Analytic Treatment," [arXiv:2011.03998 [gr-qc]].

(288) J. L. Blázquez-Salcedo, S. Kahlen and J. Kunz, Symmetry **12**, no.12, 2057 (2020) doi:10.3390/sym12122057 [arXiv:2011.01326 [gr-qc]].

(289) C. L. Hunter and D. J. Smith, Int. J. Mod. Phys. A **37**, no.09, 2250045 (2022) doi:10.1142/S0217751X225004 [arXiv:2010.10312 [gr-qc]].

(290) V. Nikiforova, Phys. Rev. D **102**, no.12, 124007 (2020) doi:10.1103/PhysRevD.102.124007 [arXiv:2010.05910 [gr-qc]].

(291) S. J. Zhang, B. Wang, A. Wang and J. F. Saavedra, Phys. Rev. D **102**, no.12, 124056 (2020) doi:10.1103/PhysRevD.102.124056 [arXiv:2010.05092 [gr-qc]].

(292) P. Cañate and S. E. Perez Bergliaffa, Phys. Rev. D **102**, no.10, 104038 (2020) doi:10.1103/PhysRevD.102.104 [arXiv:2010.04858 [gr-qc]].

(293) D. Psaltis *et al.* [Event Horizon Telescope], Phys. Rev. Lett. **125**, no.14, 141104 (2020) doi:10.1103/PhysRevLett.125.141104 [arXiv:2010.01055 [gr-qc]].

(294) M. Heydari-Fard and H. R. Sepangi, Phys. Lett. B **816**, 136276 (2021) doi:10.1016/j.physletb.2021.136276 [arXiv:2009.13748 [gr-qc]].

(295) A. Bakopoulos, doi:10.12681/eadd/48145 [arXiv:2010.13189 [gr-qc]].

(296) A. Ruipérez Vicente, "Black holes in string theory with higher-derivative corrections," PhD thesis, U. Autonoma, Madrid (2020)

(297) A. Sullivan, N. Yunes and T. P. Sotiriou, Phys. Rev. D **103**, no.12, 124058 (2021) doi:10.1103/PhysRevD.103.124058 [arXiv:2009.10614 [gr-qc]].

(298) C. A. R. Herdeiro, T. Ikeda, M. Minamitsuji, T. Nakamura and E. Radu, Phys. Rev. D **103**, no.4, 044019 (2021) doi:10.1103/PhysRevD.103.044019 [arXiv:2009.06971 [gr-qc]].

(299) Y. S. Myung and D. C. Zou, Phys. Lett. B **811**, 135905 (2020) doi:10.1016/j.physletb.2020.135905 [arXiv:2009.05193 [gr-qc]].

(300) C. A. R. Herdeiro, E. Radu, H. O. Silva, T. P. Sotiriou and N. Yunes, Phys. Rev. Lett. **126**, no.1, 011103 (2021) doi:10.1103/PhysRevLett.126.011103 [arXiv:2009.03904 [gr-qc]].

(301) E. Berti, L. G. Collodel, B. Kleihaus and J. Kunz, Phys. Rev. Lett. **126**, no.1, 011104 (2021) doi:10.1103/PhysRevLett.126.011104 [arXiv:2009.03905 [gr-qc]].

(302) L. K. Wong, "Motion in a scalar field," PhD thesis, , University of Cambridge (2020) doi:10.17863/CAM.60352

(303) Z. Y. Tang, B. Wang, T. Karakasis and E. Papantonopoulos, Phys. Rev. D **104**, no.6, 064017 (2021) doi:10.1103/PhysRevD.104.064017 [arXiv:2008.13318 [gr-qc]].

(304) J. Luis Blázquez-Salcedo, C. A. R. Herdeiro, S. Kahlen, J. Kunz, A. M. Pombo and E. Radu, Eur. Phys. J. C **81**, no.2, 155 (2021) doi:10.1140/epjc/s10052-021-08952-w [arXiv:2008.11744 [gr-qc]].

(305) X. Zhou, S. Chen and J. Jing, Eur. Phys. J. C **81**, no.3, 233 (2021) doi:10.1140/epjc/s10052-021-09042-7 [arXiv:2007.14575 [gr-qc]].

(306) R. Rosca-Mead, C. J. Moore, U. Sperhake, M. Agathos and D. Gerosa, Symmetry **12**, no.9, 1384 (2020) doi:10.3390/sym12091384 [arXiv:2007.14429 [gr-qc]].

(307) R. Kase, R. Kimura, S. Sato and S. Tsujikawa, Phys. Rev. D **102**, no.8, 084037 (2020) doi:10.1103/PhysRevD.102.084037 [arXiv:2007.09864 [gr-qc]].

(308) V. Nikiforova and T. Damour, Phys. Rev. D **102**, no.8, 084027 (2020) doi:10.1103/PhysRevD.102.084027 [arXiv:2007.08606 [gr-qc]].

(309) A. G. Suvorov, Class. Quant. Grav. **37**, no.18, 185001 (2020) doi:10.1088/1361-6382/aba6a8 [arXiv:2007.08070 [gr-qc]].

(310) D. Astefanesei, C. Herdeiro, J. Oliveira and E. Radu, JHEP **09**, 186 (2020) doi:10.1007/JHEP09(2020)186 [arXiv:2007.04153 [gr-qc]].

(311) X. Y. Guo, Y. Gao, H. F. Li and R. Zhao, Phys. Rev. D **102**, no.12, 124016 (2020) doi:10.1103/PhysRevD.102.124016 [arXiv:2007.03284 [gr-qc]].

(312) S. H. Völkel and E. Barausse, Phys. Rev. D **102**, no.8, 084025 (2020) doi:10.1103/PhysRevD.102.084025 [arXiv:2007.02986 [gr-qc]].

(313) T. Clifton, P. Carrilho, P. G. S. Fernandes and D. J. Mulryne, Phys. Rev. D **102**, no.8, 084005 (2020) doi:10.1103/PhysRevD.102.084005 [arXiv:2006.15017 [gr-qc]].

(314) Y. Peng, Eur. Phys. J. C **80**, no.6, 575 (2020) doi:10.1140/epjc/s10052-020-8167-4

(315) R. Ibadov, B. Kleihaus, J. Kunz and S. Murodov, Phys. Rev. D **102**, no.6, 064010 (2020) doi:10.1103/PhysRevD.102.064010 [arXiv:2006.13008 [gr-qc]].

(316) H. Guo, S. Kiorpelidi, X. M. Kuang, E. Papantonopoulos, B. Wang and J. P. Wu, Phys. Rev. D **102**, no.8, 084029 (2020) doi:10.1103/PhysRevD.102.084029 [arXiv:2006.10659 [hep-th]].

(317) S. Hod, Phys. Rev. D **102**, no.8, 084060 (2020) doi:10.1103/PhysRevD.102.084060 [arXiv:2006.09399 [gr-qc]].

(318) C. Herdeiro and E. Radu, Int. J. Mod. Phys. D **29**, no.11, 2041016 (2020) doi:10.1142/S0218271820410163 [arXiv:2006.03522 [gr-qc]].

(319) A. Dima, E. Barausse, N. Franchini and T. P. Sotiriou, Phys. Rev. Lett. **125**, no.23, 231101 (2020) doi:10.1103/PhysRevLett.125.231101 [arXiv:2006.03095 [gr-qc]].

(320) G. Ventagli, A. Lehébel and T. P. Sotiriou, Phys. Rev. D **102**, no.2, 024050 (2020) doi:10.1103/PhysRevD.102.024050 [arXiv:2006.01153 [gr-qc]].

(321) V. Cardoso, A. Foschi and M. Zilhao, Phys. Rev. Lett. **124**, no.22, 221104 (2020) doi:10.1103/PhysRevLett.124.221104 [arXiv:2005.12284 [gr-qc]].

(322) R. Rosca-Mead, U. Sperhake, C. J. Moore, M. Agathos, D. Gerosa and C. D. Ott, Phys. Rev. D **102**, no.4, 044010 (2020) doi:10.1103/PhysRevD.102.044010 [arXiv:2005.09728 [gr-qc]].

(323) B. Kleihaus, J. Kunz and P. Kanti, Phys. Rev. D **102**, no.2, 024070 (2020) doi:10.1103/PhysRevD.102.024070 [arXiv:2005.07650 [gr-qc]].

(324) D. C. Zou and Y. S. Myung, Phys. Rev. D **102**, no.6, 064011 (2020) doi:10.1103/PhysRevD.102.064011 [arXiv:2005.06677 [gr-qc]].

(325) S. Hod, Eur. Phys. J. C **80**, no.5, 408 (2020) doi:10.1140/epjc/s10052-020-7981-z [arXiv:2106.05736 [gr-qc]].

(326) J. L. Ripley and F. Pretorius, Class. Quant. Grav. **37**, no.15, 155003 (2020) doi:10.1088/1361-6382/ab9bbb [arXiv:2005.05417 [gr-qc]].

(327) G. Antoniou, L. Bordin and T. P. Sotiriou, Phys. Rev. D **103**, no.2, 024012 (2021) doi:10.1103/PhysRevD.103.024012 [arXiv:2004.14985 [gr-qc]].

(328) H. S. Liu, H. Lu, Z. Y. Tang and B. Wang, Phys. Rev. D **103**, no.8, 084043 (2021) doi:10.1103/PhysRevD.103.084043 [arXiv:2004.14395 [gr-qc]].

(329) R. Korolev, F. S. N. Lobo and S. V. Sushkov, Phys. Rev. D **101**, no.12, 124057 (2020) doi:10.1103/PhysRevD.101.124057 [arXiv:2004.12382 [gr-qc]].

(330) Y. Peng, Phys. Lett. B **807**, 135569 (2020) doi:10.1016/j.physletb.2020.135569 [arXiv:2004.12566 [gr-qc]].

(331) Y. Brihaye and J. Renaux, [arXiv:2004.12138 [gr-qc]].

(332) A. Maselli, N. Franchini, L. Gualtieri and T. P. Sotiriou, Phys. Rev. Lett. **125**, no.14, 141101 (2020) doi:10.1103/PhysRevLett.125.141101 [arXiv:2004.11895 [gr-qc]].

(333) A. c. Li, Phys. Rev. D **104**, no.4, 044040 (2021) doi:10.1103/PhysRevD.104.044040 [arXiv:2004.08329 [hep-th]].

(334) K. Lin, S. Zhang, C. Zhang, X. Zhao, B. Wang and A. Wang, Phys. Rev. D **102**, no.2, 024034 (2020) doi:10.1103/PhysRevD.102.024034 [arXiv:2004.04773 [gr-qc]].

(335) Y. Brihaye and Y. Verbin, Phys. Rev. D **102**, 124021 (2020) doi:10.1103/PhysRevD.102.124021 [arXiv:2004.01681 [gr-qc]].

(336) H. Witek, L. Gualtieri and P. Pani, Phys. Rev. D **101**, no.12, 124055 (2020) doi:10.1103/PhysRevD.101.124055 [arXiv:2004.00009 [gr-qc]].

(337) F. L. Julié and E. Berti, Phys. Rev. D **101**, no.12, 124045 (2020) doi:10.1103/PhysRevD.101.124045 [arXiv:2004.00003 [gr-qc]].

(338) A. Bakopoulos, P. Kanti and N. Pappas, Phys. Rev. D **101**, no.8, 084059 (2020) doi:10.1103/PhysRevD.101.084059 [arXiv:2003.02473 [hep-th]].

(339) P. G. S. Fernandes, Phys. Dark Univ. **30**, 100716 (2020) doi:10.1016/j.dark.2020.100716 [arXiv:2003.01045 [gr-qc]].

(340) C. F. B. Macedo, Int. J. Mod. Phys. D **29**, no.11, 2041006 (2020) doi:10.1142/S0218271820410060 [arXiv:2002.12719 [gr-qc]].

(341) A. Hees, T. Do, B. M. Roberts, A. M. Ghez, S. Nishiyama, R. O. Bentley, A. K. Gautam, S. Jia, T. Kara and J. R. Lu, *et al.* Phys. Rev. Lett. **124**, no.8, 081101 (2020) doi:10.1103/PhysRevLett.124.081101 [arXiv:2002.11567 [astro-ph.GA]].

(342) J. F. M. Delgado, C. A. R. Herdeiro and E. Radu, JHEP **04**, 180 (2020) doi:10.1007/JHEP04(2020)180 [arXiv:2002.05012 [gr-qc]].

(343) J. L. Blázquez-Salcedo, C. A. R. Herdeiro, J. Kunz, A. M. Pombo and E. Radu, Phys. Lett. B **806**, 135493 (2020) doi:10.1016/j.physletb.2020.135493 [arXiv:2002.00963 [gr-qc]].

(344) Y. Peng, Eur. Phys. J. C **80**, no.3, 202 (2020) doi:10.1140/epjc/s10052-020-7778-0 [arXiv:2002.01892 [gr-qc]].

(345) R. Kase, M. Minamitsuji and S. Tsujikawa, Phys. Rev. D **102**, no.2, 024067 (2020) doi:10.1103/PhysRevD.102.024067 [arXiv:2001.10701 [gr-qc]].

(346) E. Barausse, E. Berti, T. Hertog, S. A. Hughes, P. Jetzer, P. Pani, T. P. Sotiriou, N. Tamanini, H. Witek and K. Yagi, *et al.* Gen. Rel. Grav. **52**, no.8, 81 (2020) doi:10.1007/s10714-020-02691-1 [arXiv:2001.09793 [gr-qc]].

(347) S. Alexeyev and M. Sendyuk, Universe **6**, no.2, 25 (2020) doi:10.3390/universe6020025

(348) D. C. Zou and Y. S. Myung, Phys. Rev. D **101**, no.8, 084021 (2020) doi:10.1103/PhysRevD.101.084021 [arXiv:2001.01351 [gr-qc]].

(349) J. L. Ripley, "General relativity and its classical modification in gravitational collapse,"PhD thesis, Princeton U. (2020)

(350) A. P. K. Sullivan, "Numerical methods for rotating compact objects in modified gravity theories," PhD thesis, Montana State U. (2020)

(351) F. Corelli, "Instability of Schwarzschild Black Holes in Einstein-scalar-Gauss-Bonnet Gravity: Perturbative Approach and Time-Domain Analysis," [arXiv:2112.12048 [gr-qc]].

(352) Y. Peng, Phys. Lett. B **804**, 135372 (2020) doi:10.1016/j.physletb.2020.135372 [arXiv:1912.11989 [gr-qc]].

(353) L. G. Collodel, B. Kleihaus, J. Kunz and E. Berti, Class. Quant. Grav. **37**, no.7, 075018 (2020) doi:10.1088/1361-6382/ab74f9 [arXiv:1912.05382 [gr-qc]].

(354) F. M. Ramazanoğlu, Turk. J. Phys. **43**, no.6, 586-596 (2019) doi:10.3906/fiz-1908-8

(355) H. Ranjbari, M. Sadeghi, M. Ghanaatian and G. Forozani, Eur. Phys. J. C **80**, no.1, 17 (2020) doi:10.1140/epjc/s10052-019-7592-8 [arXiv:1911.10803 [hep-th]].

(356) S. Hod, Eur. Phys. J. C **79**, no.11, 966 (2019) doi:10.1140/epjc/s10052-019-7494-9 [arXiv:2101.02219 [gr-qc]].

(357) D. C. Zou and Y. S. Myung, Phys. Lett. B **803**, 135332 (2020) doi:10.1016/j.physletb.2020.135332 [arXiv:1911.08062 [gr-qc]].

(358) Y. Brihaye, B. Hartmann, N. P. Aprile and J. Urrestilla, Phys. Rev. D **101**, no.12, 124016 (2020) doi:10.1103/PhysRevD.101.124016 [arXiv:1911.01950 [gr-qc]].

(359) J. L. Blázquez-Salcedo, S. Kahlen and J. Kunz, Eur. Phys. J. C **79**, no.12, 1021 (2019) doi:10.1140/epjc/s10052-019-7535-4 [arXiv:1911.01943 [gr-qc]].

(360) A. Bakopoulos, P. Kanti and N. Pappas, Phys. Rev. D **101**, no.4, 044026 (2020) doi:10.1103/PhysRevD.101.0 [arXiv:1910.14637 [hep-th]].

(361) Y. Peng, JHEP **12**, 064 (2019) doi:10.1007/JHEP12(2019)064 [arXiv:1910.13718 [gr-qc]].

(362) C. A. R. Herdeiro, J. M. S. Oliveira and E. Radu, Eur. Phys. J. C **80**, no.1, 23 (2020) doi:10.1140/epjc/s10052-019-7583-9 [arXiv:1910.11021 [gr-qc]].

(363) S. Grunau and M. Kruse, Phys. Rev. D **101**, no.2, 024051 (2020) doi:10.1103/PhysRevD.101.024051 [arXiv:1910.09835 [gr-qc]].

(364) Y. Brihaye, C. Herdeiro and E. Radu, Phys. Lett. B **802**, 135269 (2020) doi:10.1016/j.physletb.2020.135269 [arXiv:1910.05286 [gr-qc]].

(365) F. M. Ramazanoğlu and K. İ. Ünlütürk, Phys. Rev. D **100**, no.8, 084026 (2019) doi:10.1103/PhysRevD.100.0 [arXiv:1910.02801 [gr-qc]].

(366) B. Kleihaus, J. Kunz and P. Kanti, Phys. Lett. B **804**, 135401 (2020) doi:10.1016/j.physletb.2020.135401 [arXiv:1910.02121 [gr-qc]].

(367) A. Saffer, PhD thesis, MONTANA STATE UNIVERSITY Bozeman, Montana (2019)

(368) J. Barrientos, F. Cordonier-Tello, C. Corral, F. Izaurieta, P. Medina, E. Rodríguez and O. Valdivia, Phys. Rev. D **100**, no.12, 124039 (2019) doi:10.1103/PhysRevD.100.124039 [arXiv:1910.00148 [gr-qc]].

(369) Y. Peng, Nucl. Phys. B **950**, 114879 (2020) doi:10.1016/j.nuclphysb.2019.114879 [arXiv:1909.13393 [gr-qc]].

(370) H. O. Silva and M. Minamitsuji, Phys. Rev. D **100**, no.10, 104012 (2019) doi:10.1103/PhysRevD.100.104012 [arXiv:1909.11756 [gr-qc]].

(371) D. C. Zou and Y. S. Myung, Phys. Rev. D **100**, no.12, 124055 (2019) doi:10.1103/PhysRevD.100.124055 [arXiv:1909.11859 [gr-qc]].

(372) S. Hod, Phys. Rev. D **100**, no.6, 064039 (2019) doi:10.1103/PhysRevD.100.064039 [arXiv:1912.07630 [gr-qc]].

(373) P. A. Cano Molina-Niñirola, [arXiv:1912.07035 [hep-th]].

(374) F. L. Julié and E. Berti, Phys. Rev. D **100**, no.10, 104061 (2019) doi:10.1103/PhysRevD.100.104061 [arXiv:1909.05258 [gr-qc]].

(375) J. M. Ezquiaga Bravo, "Probing the Dark Universe with Gravitational Waves," PhD thesis, U. Autonoma, Madrid (2019)

(376) M. A. Sedda, C. P. L. Berry, K. Jani, P. Amaro-Seoane, P. Auclair, J. Baird, T. Baker, E. Berti, K. Breivik and A. Burrows, *et al.* Class. Quant. Grav. **37**, no.21, 215011 (2020) doi:10.1088/1361-6382/abb5c1 [arXiv:1908.11375 [gr-qc]].

(377) A. Sesana, N. Korsakova, M. A. Sedda, V. Baibhav, E. Barausse, S. Barke, E. Berti, M. Bonetti, P. R. Capelo and C. Caprini, *et al.* Exper. Astron. **51**, no.3, 1333-1383 (2021) doi:10.1007/s10686-021-09709-9 [arXiv:1908.11391 [astro-ph.IM]].

(378) V. Baibhav, L. Barack, E. Berti, B. Bonga, R. Brito, V. Cardoso, G. Compère, S. Das, *et al.* Exper. Astron. **51**, no.3, 1385-1416 (2021) doi:10.1007/s10686-021-09741-9 [arXiv:1908.11390 [astro-ph.HE]].

(379) T. Ikeda, T. Nakamura and M. Minamitsuji, Phys. Rev. D **100**, no.10, 104014 (2019) doi:10.1103/PhysRevD.100.104014 [arXiv:1908.09394 [gr-qc]].

(380) X. Q. Li, B. Chen and L. l. Xing, Eur. Phys. J. Plus **137**, no.10, 1167 (2022) doi:10.1140/epjp/s13360-022-03379-y [arXiv:1908.09827 [gr-qc]].

(381) Y. X. Gao and D. J. Liu, [arXiv:1908.01346 [gr-qc]].

(382) P. G. S. Fernandes, C. A. R. Herdeiro, A. M. Pombo, E. Radu and N. Sanchis-Gual, Phys. Rev. D **100**, no.8, 084045 (2019) doi:10.1103/PhysRevD.100.084045 [arXiv:1908.00037 [gr-qc]].

(383) T. Do, A. Hees, A. Ghez, G. D. Martinez, D. S. Chu, S. Jia, S. Sakai, J. R. Lu, A. K. Gautam and K. K. O'Neil, *et al.* Science **365**, no.6454, 664-668 (2019) doi:10.1126/science.aav8137 [arXiv:1907.10731 [astro-ph.GA]].

(384) R. A. Konoplya, T. Pappas and A. Zhidenko, Phys. Rev. D **101**, no.4, 044054 (2020) doi:10.1103/PhysRevD.101.044054 [arXiv:1907.10112 [gr-qc]].

(385) Y. S. Myung and D. C. Zou, Phys. Rev. D **100**, no.6, 064057 (2019) doi:10.1103/PhysRevD.100.064057 [arXiv:1907.09676 [gr-qc]].

(386) G. Aguilar-Pérez, M. Cruz, S. Lepe and I. Moran-Rivera, [arXiv:1907.06168 [gr-qc]].

(387) M. Khalil, N. Sennett, J. Steinhoff and A. Buonanno, Phys. Rev. D **100**, no.12, 124013 (2019) doi:10.1103/PhysRevD.100.124013 [arXiv:1906.08161 [gr-qc]].

(388) W. Javed, j. Abbas and A. Övgün, Phys. Rev. D **100**, no.4, 044052 (2019) doi:10.20944/preprints201906.0101 [arXiv:1908.05241 [gr-qc]].

(389) T. Anson, E. Babichev and S. Ramazanov, Phys. Rev. D **100**, no.10, 104051 (2019) doi:10.1103/PhysRevD.100.104051 [arXiv:1905.10393 [gr-qc]].

(390) H. Guo, H. Liu, X. M. Kuang and B. Wang, Eur. Phys. J. C **79**, no.11, 891 (2019) doi:10.1140/epjc/s10052-019-7416-x [arXiv:1905.09461 [gr-qc]].

(391) Wei Han, "Towards the spontaneous compactification of extra dimensions with generalized gravity, " PhD thesis University of Tokyo (2019)

(392) A. Hees, O. Minazzoli, E. Savalle, Y. V. Stadnik, P. Wolf and B. Roberts, [arXiv:1905.08524 [gr-qc]].

(393) B. Y. Su, Y. Y. Wang and N. Li, Eur. Phys. J. C **80**, no.4, 305 (2020) doi:10.1140/epjc/s10052-020-7870-5 [arXiv:1905.07155 [gr-qc]].

(394) D. Tuan and S. H. Q. Nguyen, Commun. in Phys. **29**, no.2, 173 (2019) doi:10.15625/0868-3166/29/2/13677 [arXiv:1905.01427 [gr-qc]].

(395) R. Nair, S. Perkins, H. O. Silva and N. Yunes, Phys. Rev. Lett. **123**, no.19, 191101 (2019) doi:10.1103/PhysRevLett.123.191101 [arXiv:1905.00870 [gr-qc]].

(396) G. Antoniou, A. Bakopoulos, P. Kanti, B. Kleihaus and J. Kunz, Phys. Rev. D **101**, no.2, 024033 (2020) doi:10.1103/PhysRevD.101.024033 [arXiv:1904.13091 [hep-th]].

(397) L. Hui, D. Kabat, X. Li, L. Santoni and S. S. C. Wong, JCAP **06**, 038 (2019) doi:10.1088/1475-7516/2019/06/038 [arXiv:1904.12803 [gr-qc]].

(398) Q. Liang, J. Sakstein and M. Trodden, Phys. Rev. D **100**, no.6, 063518 (2019) doi:10.1103/PhysRevD.100.06 [arXiv:1904.10510 [hep-ph]].

(399) P. V. P. Cunha, C. A. R. Herdeiro and E. Radu, Phys. Rev. Lett. **123**, no.1, 011101 (2019) doi:10.1103/PhysRevLett.123.011101 [arXiv:1904.09997 [gr-qc]].

(400) Y. S. Myung and D. C. Zou, Eur. Phys. J. C **79**, no.8, 641 (2019) doi:10.1140/epjc/s10052-019-7176-7 [arXiv:1904.09864 [gr-qc]].

(401) M. Minamitsuji and T. Ikeda, Phys. Rev. D **99**, no.10, 104069 (2019) doi:10.1103/PhysRevD.99.104069 [arXiv:1904.06572 [gr-qc]].

(402) P. Kanti, A. Bakopoulos and N. Pappas, PoS **CORFU2018**, 091 (2019) doi:10.22323/1.347.0091

(403) N. Andreou, N. Franchini, G. Ventagli and T. P. Sotiriou, Phys. Rev. D **99**, no.12, 124022 (2019) [erratum: Phys. Rev. D **101**, no.10, 109903 (2020)] doi:10.1103/PhysRevD.99.124022 [arXiv:1904.06365 [gr-qc]].

(404) Y. Brihaye and B. Hartmann, JHEP **09**, 049 (2019) doi:10.1007/JHEP09(2019)049 [arXiv:1903.10471 [gr-qc]].

(405) Y. S. Myung and D. C. Zou, Int. J. Mod. Phys. D **28**, no.09, 1950114 (2019) doi:10.1142/S0218271819501141 [arXiv:1903.08312 [gr-qc]].

(406) A. Saffer, H. O. Silva and N. Yunes, Phys. Rev. D **100**, no.4, 044030 (2019) doi:10.1103/PhysRevD.100.04403 [arXiv:1903.07779 [gr-qc]].

(407) C. F. B. Macedo, J. Sakstein, E. Berti, L. Gualtieri, H. O. Silva and T. P. Sotiriou, Phys. Rev. D **99**, no.10, 104041 (2019) doi:10.1103/PhysRevD.99.104041 [arXiv:1903.06784 [gr-qc]].

(408) N. Franchini and T. P. Sotiriou, Phys. Rev. D **101**, no.6, 064068 (2020) doi:10.1103/PhysRevD.101.064068 [arXiv:1903.05427 [gr-qc]].

(409) T. Anson, E. Babichev, C. Charmousis and S. Ramazanov, JCAP **06**, 023 (2019) doi:10.1088/1475-7516/2019/06/023 [arXiv:1903.02399 [gr-qc]].

(410) A. Sullivan, N. Yunes and T. P. Sotiriou, Phys. Rev. D **101**, no.4, 044024 (2020) doi:10.1103/PhysRevD.101.044024 [arXiv:1903.02624 [gr-qc]].

(411) M. Saravani and T. P. Sotiriou, Phys. Rev. D **99**, no.12, 124004 (2019) doi:10.1103/PhysRevD.99.124004 [arXiv:1903.02055 [gr-qc]].

(412) H. O. Silva and N. Yunes, Class. Quant. Grav. **36**, no.17, 17LT01 (2019) doi:10.1088/1361-6382/ab3560 [arXiv:1902.10269 [gr-qc]].

(413) C. A. R. Herdeiro and J. M. S. Oliveira, Class. Quant. Grav. **36**, no.10, 105015 (2019) doi:10.1088/1361-6382/ab1859 [arXiv:1902.07721 [gr-qc]].

(414) Y. Brihaye and B. Hartmann, Phys. Lett. B **792**, 244-250 (2019) doi:10.1016/j.physletb.2019.03.043 [arXiv:1902.05760 [gr-qc]].

(415) P. G. S. Fernandes, C. A. R. Herdeiro, A. M. Pombo, E. Radu and N. Sanchis-Gual, Class. Quant. Grav. **36**, no.13, 134002 (2019) [erratum: Class. Quant. Grav. **37**, no.4, 049501 (2020)] doi:10.1088/1361-6382/ab23a1 [arXiv:1902.05079 [gr-qc]].

(416) W. Xu, C. y. Wang and B. Zhu, Phys. Rev. D **99**, no.4, 044010 (2019) doi:10.1103/PhysRevD.99.044010

(417) F. M. Ramazanoğlu, Phys. Rev. D **99**, no.8, 084015 (2019) doi:10.1103/PhysRevD.99.084015 [arXiv:1901.10009 [gr-qc]].

(418) C. A. R. Herdeiro and E. Radu, Phys. Rev. D **99**, no.8, 084039 (2019) doi:10.1103/PhysRevD.99.084039 [arXiv:1901.02953 [gr-qc]].

(419) P. A. Cano and A. Ruipérez, JHEP **05**, 189 (2019) [erratum: JHEP **03**, 187 (2020)] doi:10.1007/JHEP05(2019)189 [arXiv:1901.01315 [gr-qc]].

(420) O. J. Tattersall, "Testing gravity with black holes," PhD thesis, Oxford University (2019)

(421) A. Saffer, "Testing general relativity through the computation of radiative terms and within the neutron star strong-field regime," PhD thesis, Montana State University (2019)

(422) Y. Brihaye and L. Ducobu, Phys. Lett. B **795**, 135-143 (2019) doi:10.1016/j.physletb.2019.06.006 [arXiv:1812.07438 [gr-qc]].

(423) A. Bakopoulos, G. Antoniou and P. Kanti, Phys. Rev. D **99**, no.6, 064003 (2019) doi:10.1103/PhysRevD.99.064003 [arXiv:1812.06941 [hep-th]].

(424) H. O. Silva, C. F. B. Macedo, T. P. Sotiriou, L. Gualtieri, J. Sakstein and E. Berti, Phys. Rev. D **99**, no.6, 064011 (2019) doi:10.1103/PhysRevD.99.064011 [arXiv:1812.05590 [gr-qc]].

(425) Y. S. Myung and D. C. Zou, Phys. Lett. B **790**, 400-407 (2019) doi:10.1016/j.physletb.2019.01.046 [arXiv:1812.03604 [gr-qc]].

(426) M. Minamitsuji and T. Ikeda, Phys. Rev. D **99**, no.4, 044017 (2019) doi:10.1103/PhysRevD.99.044017 [arXiv:1812.03551 [gr-qc]].

(427) H. Motohashi and S. Mukohyama, Phys. Rev. D **99**, no.4, 044030 (2019) doi:10.1103/PhysRevD.99.044030 [arXiv:1810.12691 [gr-qc]].

(428) Y. Brihaye, C. Herdeiro and E. Radu, Phys. Lett. B **788**, 295-301 (2019) doi:10.1016/j.physletb.2018.11.022 [arXiv:1810.09560 [gr-qc]].

(429) G. Franciolini, L. Hui, R. Penco, L. Santoni and E. Trincherini, JHEP **02**, 127 (2019) doi:10.1007/JHEP02(2019)127 [arXiv:1810.07706 [hep-th]].

(430) H. Witek, L. Gualtieri, P. Pani and T. P. Sotiriou, Phys. Rev. D **99**, no.6, 064035 (2019) doi:10.1103/PhysRevD.99.064035 [arXiv:1810.05177 [gr-qc]].

(431) M. Minamitsuji and H. Motohashi, Phys. Rev. D **98**, no.8, 084027 (2018) doi:10.1103/PhysRevD.98.084027 [arXiv:1809.06611 [gr-qc]].

(432) C. Pacilio, "Black holes beyond general relativity: theoretical and phenomenological developments," PhD thesis, SISSA, Trieste (2018)

(433) B. H. Lee, W. Lee and D. Ro, Phys. Rev. D **99**, no.2, 024002 (2019) doi:10.1103/PhysRevD.99.024002 [arXiv:1809.05653 [gr-qc]].

(434) S. Tahura and K. Yagi, Phys. Rev. D **98**, no.8, 084042 (2018) [erratum: Phys. Rev. D **101**, no.10, 109902 (2020)] doi:10.1103/PhysRevD.98.084042 [arXiv:1809.00259 [gr-qc]].

(435) P. V. P. Cunha, C. A. R. Herdeiro and E. Radu, Phys. Rev. D **98**, no.10, 104060 (2018) doi:10.1103/PhysRevD.98.104060 [arXiv:1808.06692 [gr-qc]].

(436) Y. S. Myung and D. C. Zou, Eur. Phys. J. C **79**, no.3, 273 (2019) doi:10.1140/epjc/s10052-019-6792-6 [arXiv:1808.02609 [gr-qc]].

(437) Y. X. Gao, Y. Huang and D. J. Liu, Phys. Rev. D **99**, no.4, 044020 (2019) doi:10.1103/PhysRevD.99.044020 [arXiv:1808.01433 [gr-qc]].

(438) J. M. Ezquiaga and M. Zumalacárregui, Front. Astron. Space Sci. **5**, 44 (2018) doi:10.3389/fspas.2018.00044 [arXiv:1807.09241 [astro-ph.CO]].

(439) R. Benkel, N. Franchini, M. Saravani and T. P. Sotiriou, Phys. Rev. D **98**, no.6, 064006 (2018) doi:10.1103/PhysRevD.98.064006 [arXiv:1806.08214 [gr-qc]].

(440) L. Herrera and L. Witten, Adv. High Energy Phys. **2018**, 3839103 (2018) doi:10.1155/2018/3839103 [arXiv:1806.07143 [gr-qc]].

(441) T. Delsate, C. Herdeiro and E. Radu, Phys. Lett. B **787**, 8-15 (2018) doi:10.1016/j.physletb.2018.09.060 [arXiv:1806.06700 [gr-qc]].

(442) C. A. R. Herdeiro, E. Radu, N. Sanchis-Gual and J. A. Font, Phys. Rev. Lett. **121**, no.10, 101102 (2018) doi:10.1103/PhysRevLett.121.101102 [arXiv:1806.05190 [gr-qc]].

(443) Y. S. Myung and D. C. Zou, Phys. Rev. D **98**, no.2, 024030 (2018) doi:10.1103/PhysRevD.98.024030 [arXiv:1805.05023 [gr-qc]].

(444) K. Prabhu and L. C. Stein, Phys. Rev. D **98**, no.2, 021503 (2018) doi:10.1103/PhysRevD.98.021503 [arXiv:1805.02668 [gr-qc]].

(445) M. A. Cuyubamba, R. A. Konoplya and A. Zhidenko, Phys. Rev. D **98**, no.4, 044040 (2018) doi:10.1103/PhysRevD.98.044040 [arXiv:1804.11170 [gr-qc]].

(446) Y. S. Myung and D. c. Zou, Gen. Rel. Grav. **55**, no.7, 81 (2023) doi:10.1007/s10714-023-03129-0 [arXiv:1804.03003 [gr-qc]].

(447) H. Motohashi and M. Minamitsuji, Phys. Lett. B **781**, 728-734 (2018) doi:10.1016/j.physletb.2018.04.041 [arXiv:1804.01731 [gr-qc]].

(448) J. Chagoya and G. Tasinato, JCAP **08**, 006 (2018) doi:10.1088/1475-7516/2018/08/006 [arXiv:1803.07476 [gr-qc]].

(449) S. Hod, Eur.Phys.J.C 78 (2018) 11, 935

(450) R. Kase, M. Minamitsuji and S. Tsujikawa, Phys. Lett. B **782**, 541-550 (2018) doi:10.1016/j.physletb.2018.05 [arXiv:1803.06335 [gr-qc]].

(451) O. J. Tattersall, P. G. Ferreira and M. Lagos, Phys. Rev. D **97**, no.8, 084005 (2018) doi:10.1103/PhysRevD.97.084005 [arXiv:1802.08606 [gr-qc]].

(452) E. Berti, K. Yagi and N. Yunes, Gen. Rel. Grav. **50**, no.4, 46 (2018) doi:10.1007/s10714-018-2362-8 [arXiv:1801.03208 [gr-qc]].

(453) R. Kase, M. Minamitsuji, S. Tsujikawa and Y. L. Zhang, JCAP **02**, 048 (2018) doi:10.1088/1475-7516/2018/02/048 [arXiv:1801.01787 [gr-qc]].

(454) S. Chakrabarti, Eur. Phys. J. C **78**, no.4, 296 (2018) doi:10.1140/epjc/s10052-018-5798-9 [arXiv:1712.05149 [gr-qc]].

(455) G. Antoniou, A. Bakopoulos and P. Kanti, Phys. Rev. D **97**, no.8, 084037 (2018) doi:10.1103/PhysRevD.97.084037 [arXiv:1711.07431 [hep-th]].

(456) G. Antoniou, A. Bakopoulos and P. Kanti, Phys. Rev. Lett. **120**, no.13, 131102 (2018) doi:10.1103/PhysRevLett.120.131102 [arXiv:1711.03390 [hep-th]].

(457) H. O. Silva, J. Sakstein, L. Gualtieri, T. P. Sotiriou and E. Berti, Phys. Rev. Lett. **120**, no.13, 131104 (2018) doi:10.1103/PhysRevLett.120.131104 [arXiv:1711.02080 [gr-qc]].

A.62. B. Lazov, P. Nedkova and **S. S. Yazadjiev**, "Uniqueness theorem for static phantom wormholes in Einstein-Maxwell-dilaton theory," Phys. Lett. B **778**, 408 (2018)

[arXiv:1711.00290 [gr-qc]].

Забелязани независими цитати:

(1) B. Kiczek, "Structures and traces of dark matter in different physical systems - from condensed matter to black hole physics," PhD thesis,MARIA CURIE-SKLODOWSKA UNIVERSITY , LUBLIN (2023)

(2) B. J. Barros, Á. de la Cruz-Dombriz and F. S. N. Lobo, Phys. Rev. D **108**, no.8, 084028 (2023) doi:10.1103/PhysRevD.108.084028 [arXiv:2306.17826 [gr-qc]].

(3) B. Kiczek and M. Rogatko, wormholes–probe limit case," Eur. Phys. J. C **82**, no.7, 586 (2022) doi:10.1140/epjc/s10052-022-10545-0 [arXiv:2207.02564 [gr-qc]].

(4) M. Rogatko, Phys. Rev. D **105**, no.10, 104021 (2022) doi:10.1103/PhysRevD.105.104021 [arXiv:2205.04764 [gr-qc]].

(5) J. Yang and H. Huang, Phys. Rev. D **104**, no.8, 084005 (2021) doi:10.1103/PhysRevD.104.084005 [arXiv:2104.11134 [gr-qc]].

(6) M. Kord Zangeneh and F. S. N. Lobo, Eur. Phys. J. C **81**, no.4, 285 (2021) doi:10.1140/epjc/s10052-021-09059-y [arXiv:2011.01745 [gr-qc]].

(7) M. Nozawa, Phys. Rev. D **103**, no.2, 024004 (2021) doi:10.1103/PhysRevD.103.024004 [arXiv:2010.07560 [gr-qc]].

(8) M. Kord Zangeneh, F. S. N. Lobo and H. Moradpour, Phys. Dark Univ. **31**, 100779 (2021) doi:10.1016/j.dark.2021.100779 [arXiv:2008.04013 [gr-qc]].

(9) M. Rogatko, Phys. Rev. D **97**, no.6, 064023 (2018) doi:10.1103/PhysRevD.97.064023 [arXiv:1803.08296 [hep-th]].

A.63. S. Yazadjiev, "Uniqueness theorem for static wormholes in Einstein-phantom scalar field theory," Phys. Rev. D **96**, no. 4, 044045 (2017)

[arXiv:1707.03654 [gr-qc]].

Забелязани независими цитати:

(1) S. V. M. C. B. Xavier, C. A. R. Herdeiro and L. C. B. Crispino, [arXiv:2404.02208 [gr-qc]].

(2) H. Huang, J. Kunz, J. Yang and C. Zhang, Phys. Rev. D **107**, no.10, 104060 (2023) doi:10.1103/PhysRevD.107.104060 [arXiv:2303.11885 [gr-qc]].

(3) B. Kiczek, "Structures and traces of dark matter in different physical systems - from condensed matter to black hole physics," PhD thesis,MARIA CURIE-SKLODOWSKA UNIVERSITY , LUBLIN (2023)

(4) T. Wu, Phys. Rev. D **108**, no.4, 044001 (2023) doi:10.1103/PhysRevD.108.044001 [arXiv:2209.02278 [gr-qc]].

(5) B. Kiczek and M. Rogatko, wormholes–probe limit case," Eur. Phys. J. C **82**, no.7, 586 (2022) doi:10.1140/epjc/s10052-022-10545-0 [arXiv:2207.02564 [gr-qc]].

(6) M. Rogatko, Phys. Rev. D **105**, no.10, 104021 (2022) doi:10.1103/PhysRevD.105.104021 [arXiv:2205.04764 [gr-qc]].

(7) Y. Koga , "Photon Surface and Relevant Phenomena, " PhD Thesis, Department of Physics, Graduate School of Science, Rikkyo University (2021)

(8) M. S. Volkov, Phys. Rev. D **104**, no.12, 124064 (2021) doi:10.1103/PhysRevD.104.124064 [arXiv:2109.14496 [gr-qc]].

(9) M. Nozawa, Phys. Rev. D **103**, no.2, 024004 (2021) doi:10.1103/PhysRevD.103.024004 [arXiv:2010.07560 [gr-qc]].

(10) F. Cremona, "On the linear instability of higher dimensional wormholes supported by self-interacting phantom scalar fields, " PhD thesis, Dipartimento di Matematica, Universita Degli Studi di Milano (2021)

(11) C. Martinez and M. Nozawa, Phys. Rev. D **103**, no.2, 024003 (2021) doi:10.1103/PhysRevD.103.024003 [arXiv:2010.05183 [gr-qc]].

(12) H. Huang, H. Lü and J. Yang, Class. Quant. Grav. **39**, no.18, 185009 (2022) doi:10.1088/1361-6382/ac8266 [arXiv:2010.00197 [gr-qc]].

(13) Y. Koga, Phys. Rev. D **101**, no.10, 104022 (2020) doi:10.1103/PhysRevD.101.104022 [arXiv:2003.10859 [gr-qc]].

(14) N. Tsukamoto and T. Kokubu, Phys. Rev. D **101**, no.4, 044030 (2020) doi:10.1103/PhysRevD.101.044030 [arXiv:1912.07492 [gr-qc]].

(15) F. Cremona, F. Pirotta and L. Pizzocchero, Gen. Rel. Grav. **51**, no.1, 19 (2019) doi:10.1007/s10714-019-2501-x [arXiv:1805.02602 [gr-qc]].

(16) E. Contreras and P. Bargueño, Int. J. Mod. Phys. D **27**, no.09, 1850101 (2018) doi:10.1142/S0218271818501 [arXiv:1804.00988 [gr-qc]].

(17) M. Rogatko, Phys. Rev. D **97**, no.6, 064023 (2018) doi:10.1103/PhysRevD.97.064023 [arXiv:1803.08296 [hep-th]].

(18) M. Rogatko, Phys. Rev. D **97**, no.2, 024001 (2018) doi:10.1103/PhysRevD.97.024001 [arXiv:1801.01987 [hep-th]].

(19) N. Tsukamoto and Y. Gong, Phys. Rev. D **97**, no.8, 084051 (2018) doi:10.1103/PhysRevD.97.084051 [arXiv:1711.04560 [gr-qc]].

A.64. **S. S. Yazadjiev**, D. D. Doneva and K. D. Kokkotas, "Oscillation modes of rapidly rotating neutron stars in scalar-tensor theories of gravity," Phys. Rev. D **96**, no. 6, 064002 (2017) [arXiv:1705.06984 [gr-qc]].

Забелязани независими цитати:

(1) A. Malik, M. R. Bashir, M. Ahmad, A. Jabeen and M. F. Shamir, Int. J. Geom. Meth. Mod. Phys. **21**, no.05, 2450099 (2024) doi:10.1142/S0219887824500993

(2) A. Malik, T. Naz, F. Mofarreh and A. Shazadi, Int. J. Geom. Meth. Mod. Phys. **21**, no.04, 2450086 (2024) doi:10.1142/S0219887824500865

(3) M. Bandyopadhyay and R. Biswas, Int. J. Geom. Meth. Mod. Phys. **21**, no.05, 2450097 (2024) doi:10.1142/S021988782450097X

(4) P. Bhar, A. Errehymy and S. Ray, Eur. Phys. J. C **83**, no.12, 1151 (2023) doi:10.1140/epjc/s10052-023-12340-x

(5) K. P. Das, U. Debnath, A. Ashraf and M. Khurana, Phys. Dark Univ. **43**, 101398 (2024) doi:10.1016/j.dark.2023.101398

(6) I. Noureen, A. Raza and S. A. Mardan, Eur. Phys. J. C **83**, no.11, 1055 (2023) doi:10.1140/epjc/s10052-023-12214-2

(7) A. Malik, A. Arif and M. F. Shamir, Int. J. Theor. Phys. **62**, no.11, 243 (2023) doi:10.1007/s10773-023-05499-2

(8) D. Bhattacharjee and P. K. Chattopadhyay, Eur. Phys. J. C **84**, no.1, 77 (2024) doi:10.1140/epjc/s10052-024-12449-7 [arXiv:2310.07391 [gr-qc]].

(9) J. C. N. de Araujo and H. G. M. Fortes, Eur. Phys. J. C **83**, no.12, 1168 (2023) doi:10.1140/epjc/s10052-023-12342-9 [arXiv:2308.00627 [gr-qc]].

(10) B. K. Pradhan, D. Pathak and D. Chatterjee, Astrophys. J. **956**, no.1, 38 (2023) doi:10.3847/1538-4357/acef1f [arXiv:2306.04626 [astro-ph.HE]].

(11) A. Banerjee, T. Tangphati and A. Pradhan, Int. J. Mod. Phys. D **32**, no.05, 2350026 (2023) doi:10.1142/S0218271823500268

(12) M. Bandyopadhyay and R. Biswas, Int. J. Mod. Phys. D **32**, no.03, 2350006 (2023) doi:10.1142/S0218271823500062

(13) A. Siddiqa, G. Abbas, A. Waseem, A. Aleem and H. R. Kausar, Int. J. Geom. Meth. Mod. Phys. **20**, no.04, 2350068 (2023) doi:10.1142/S0219887823500688

(14) A. Majid, "Some Aspects of Self-interacting Brans-Dicke Theory," PhD thesis, Punjab U. (2022)

(15) J. L. Blázquez-Salcedo, F. S. Khoo, J. Kunz and V. Preut, Front. in Phys. **9**, 741427 (2021) doi:10.3389/fphy.2021.741427 [arXiv:2107.06726 [gr-qc]].

(16) R. F. P. Mendes, N. Ortiz and N. Stergioulas, Phys. Rev. D **104**, no.10, 104036 (2021) doi:10.1103/PhysRevD.104.104036 [arXiv:2107.07036 [gr-qc]].

(17) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(18) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, doi:10.1007/978-3-030-83715-0_22

(19) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(20) J. L. Blázquez-Salcedo, F. Scen Khoo and J. Kunz, EPL **130**, no.5, 50002 (2020) doi:10.1209/0295-5075/130/50002 [arXiv:2001.09117 [gr-qc]].

(21) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0 [arXiv:1912.05202 [gr-qc]].

(22) A. Savaş Arapoğlu, K. Yavuz Ekşi and A. Emrah Yükselci, Phys. Rev. D **99**, no.6, 064055 (2019) doi:10.1103/PhysRevD.99.064055 [arXiv:1903.00391 [gr-qc]].

(23) I. Quiros, Int. J. Mod. Phys. D **28**, no.07, 1930012 (2019) doi:10.1142/S021827181930012X [arXiv:1901.08690 [gr-qc]].

(24) R. F. P. Mendes and N. Ortiz, Phys. Rev. Lett. **120**, no.20, 201104 (2018) doi:10.1103/PhysRevLett.120.201 [arXiv:1802.07847 [gr-qc]].

A.65. J. Kunz, P. Nedkova and **S. S. Yazadjiev**, "Magnetized Black Holes in an External Gravitational Field," Phys. Rev. D **96**, no. 2, 024017 (2017)

[arXiv:1704.04682 [gr-qc]].

Забелязани независими цитати:

(1) S. Abdolrahimi and C. C. Tzounis, [arXiv:2206.05376 [gr-qc]].

(2) M. Rizwan and T. Feroze, Int. J. Mod. Phys. D **31**, no.03, 2250012 (2022) doi:10.1142/S0218271822500122

(3) S. Faraji, "Physics of quadrupolar and accelerated compact astrophysical objects," PhD thesis, Center of Applied Space Technology and Microgravity (ZARM)(2022)

(4) A. M. Arslanaliev and A. J. Nurmagambetov, MDPI Physics **3**, no.1, 17-41 (2021) doi:10.3390/physics301000 [arXiv:2101.12488 [gr-qc]].

(5) C. Bhattacharjee and J. C. Feng, Phys. Plasmas **27**, no.7, 072901 (2020) doi:10.1063/5.0010050 [arXiv:2007.00687 [gr-qc]].

(6) S. Abdolrahimi, R. B. Mann and C. Tzounis, Phys. Rev. D **101**, no.10, 104002 (2020) doi:10.1103/PhysRevD.101.104002 [arXiv:2003.06756 [gr-qc]].

(7) C. Bhattacharjee, J. C. Feng and S. M. Mahajan, Phys. Rev. D **99**, no.2, 024027 (2019) doi:10.1103/PhysRevD.99.024027 [arXiv:1903.08117 [gr-qc]].

A.66. D. D. Doneva and **S. S. Yazadjiev**, "Rapidly rotating neutron stars with a massive scalar field – structure and universal relations," JCAP **1611**, 019 (2016)

[arXiv:1607.03299 [gr-qc]].

Забелязани независими цитати:

(1) A. Kuntz and E. Barausse, [arXiv:2403.07980 [gr-qc]].

(2) K. Springmann, "How Light Scalars Change the Stellar Landscape," PhD thesis, Munich, Tech. U. (2023)

(3) R. Balkin, J. Serra, K. Springmann, S. Stelzl and A. Weiler, [arXiv:2307.14418 [hep-ph]].

(4) J. J. Li, A. Sedrakian and F. Weber, Phys. Rev. C **108**, no.2, 025810 (2023) doi:10.1103/PhysRevC.108.0258 [arXiv:2306.14190 [nucl-th]].

(5) M. K. Jasim, K. N. Singh, A. Errehymy, S. K. Maurya and M. V. Mandke, Universe **9**, no.5, 208 (2023) doi:10.3390/universe9050208

(6) D. Benisty, P. Brax and A. C. Davis, Phys. Rev. D **107**, no.6, 064049 (2023) doi:10.1103/PhysRevD.107.0640 [arXiv:2212.03098 [gr-qc]].

(7) M. Sharif and A. Majid, Chin. J. Phys. **80**, 285-304 (2022) doi:10.1016/j.cjph.2022.09.022 [arXiv:2307.08005 [gr-qc]].

(8) G. G. L. Nashed and S. Nojiri, Fortsch. Phys. **71**, no.2-3, 2200091 (2023) doi:10.1002/prop.202200091 [arXiv:2206.04836 [gr-qc]].

(9) J. C. Aurrekoetxea, P. G. Ferreira, K. Clough, E. A. Lim and O. J. Tattersall, Phys. Rev. D **106**, no.10, 104002 (2022) doi:10.1103/PhysRevD.106.104002 [arXiv:2205.15878 [gr-qc]].

(10) J. Kunz, Lect. Notes Phys. **1017**, 293-313 (2023) doi:10.1007/978-3-031-31520-6_7 [arXiv:2204.12520 [gr-qc]].

(11) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Universe **8**, no.3, 153 (2022) doi:10.3390/universe8030153 [arXiv:2204.04984 [gr-qc]].

(12) M. Sharif and A. Majid, Eur. Phys. J. Plus **137**, no.1, 114 (2022) doi:10.1140/epjp/s13360-021-02328-5 [arXiv:2201.00141 [gr-qc]].

(13) A. Majid, "Some Aspects of Self-interacting Brans-Dicke Theory," PhD thesis, Punjab U. (2022)

(14) M. Sharif and A. Majid, Astron. Rep. **65**, no.10, 1048-1053 (2021) doi:10.1134/S1063772921100358

(15) J. Soldateschi, N. Bucciantini and L. Del Zanna, [arXiv:2110.09301 [gr-qc]].

(16) Z. Hu, Y. Gao, R. Xu and L. Shao, Phys. Rev. D **104**, no.10, 104014 (2021) doi:10.1103/PhysRevD.104.10401 [arXiv:2109.13453 [gr-qc]].

(17) S. K. Maurya, K. N. Singh, M. Govender, A. Errehymy and F. Tello-Ortiz, Eur. Phys. J. C **81**, no.8, 729 (2021) doi:10.1140/epjc/s10052-021-09519-5

(18) A. Dima, M. Bezares and E. Barausse, Phys. Rev. D **104**, no.8, 084017 (2021) doi:10.1103/PhysRevD.104.08 [arXiv:2107.04359 [gr-qc]].

(19) M. Sharif and A. Majid, Universe **7**, no.6, 161 (2021) doi:10.3390/universe7060161

(20) G. G. L. Nashed and S. Capozziello, Eur. Phys. J. C **81**, no.5, 481 (2021) doi:10.1140/epjc/s10052-021-09273-8 [arXiv:2105.11975 [gr-qc]].

(21) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(22) K. Yagi and M. Stepniczka, Phys. Rev. D **104**, no.4, 044017 (2021) doi:10.1103/PhysRevD.104.044017 [arXiv:2105.01614 [gr-qc]].

(23) M. Sharif and A. Majid, Phys. Dark Univ. **32**, 100803 (2021) doi:10.1016/j.dark.2021.100803

(24) M. Sharif and A. Majid, Int. J. Mod. Phys. A **36**, no.07, 2150054 (2021) doi:10.1142/S0217751X21500548

(25) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(26) G. G. L. Nashed and S. Nojiri, Phys. Rev. D **102**, 124022 (2020) doi:10.1103/PhysRevD.102.124022 [arXiv:2012.05711 [gr-qc]].

(27) J. Soldateschi, N. Bucciantini and L. Del Zanna, Astron. Astrophys. **645**, A39 (2021) doi:10.1051/0004-6361/202038826 [arXiv:2010.14833 [astro-ph.HE]].

(28) F. M. da Silva, L. C. N. Santos and C. C. Barros, Class. Quant. Grav. **38**, no.16, 165011 (2021) doi:10.1088/1361-6382/ac129d [arXiv:2010.00086 [astro-ph.HE]].

(29) S. K. Maurya, K. N. Singh, M. Govender and A. Errehymy, [arXiv:2008.10600 [gr-qc]].

(30) A. Majid and M. Sharif, Universe **6**, no.8, 124 (2020) doi:10.3390/universe6080124

(31) R. Rosca-Mead, C. J. Moore, U. Sperhake, M. Agathos and D. Gerosa, Symmetry **12**, no.9, 1384 (2020) doi:10.3390/sym12091384 [arXiv:2007.14429 [gr-qc]].

(32) M. Sharif and A. Majid, Eur. Phys. J. Plus **135**, no.7, 558 (2020) doi:10.1140/epjp/s13360-020-00574-7 [arXiv:2007.06457 [gr-qc]].

(33) M. Sharif and A. Majid, Phys. Dark Univ. **30**, 100610 (2020) doi:10.1016/j.dark.2020.100610 [arXiv:2006.04578 [gr-qc]].

(34) Y. V. Stadnik, Phys. Rev. D **102**, 115016 (2020) doi:10.1103/PhysRevD.102.115016 [arXiv:2006.00185 [hep-ph]].

(35) J. Soldateschi, N. Bucciantini and L. Del Zanna, Astron. Astrophys. **640**, A44 (2020) doi:10.1051/0004-6361/202037918 [arXiv:2005.12758 [astro-ph.HE]].

(36) R. Kase and S. Tsujikawa, JCAP **09**, 054 (2019) doi:10.1088/1475-7516/2019/09/054 [arXiv:1906.08954 [gr-qc]].

(37) A. Savaş Arapoğlu, K. Yavuz Ekşi and A. Emrah Yükselci, Phys. Rev. D **99**, no.6, 064055 (2019) doi:10.1103/PhysRevD.99.064055 [arXiv:1903.00391 [gr-qc]].

(38) R. Rosca-Mead, PhD thesis, University of Cambridge (2019)

(39) P. C. K. Cheong and T. G. F. Li, Phys. Rev. D **100**, no.2, 024027 (2019) doi:10.1103/PhysRevD.100.024027 [arXiv:1812.04835 [gr-qc]].

(40) A. Hees, O. Minazzoli, E. Savalle, Y. V. Stadnik and P. Wolf, Phys. Rev. D **98**, no.6, 064051 (2018) doi:10.1103/PhysRevD.98.064051 [arXiv:1807.04512 [gr-qc]].

(41) Z. Altaha Motahar, J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Phys. Rev. D **98**, no.4, 044032 (2018) doi:10.1103/PhysRevD.98.044032 [arXiv:1807.02598 [gr-qc]].

(42) X. Y. Chew, B. Kleihaus and J. Kunz, Phys. Rev. D **97**, no.6, 064026 (2018) doi:10.1103/PhysRevD.97.06402 [arXiv:1802.00365 [gr-qc]].

(43) T. Gupta, B. Majumder, K. Yagi and N. Yunes, Class. Quant. Grav. **35**, no.2, 025009 (2018) doi:10.1088/1361-6382/aa9c68 [arXiv:1710.07862 [gr-qc]].

(44) M. Sharif and R. Manzoor, Int. J. Mod. Phys. D **27**, no.01, 1750172 (2017) doi:10.1142/S0218271817501723 [arXiv:1708.06245 [gr-qc]].

(45) Z. Altaha Motahar, J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Phys. Rev. D **96**, no.6, 064046 (2017) doi:10.1103/PhysRevD.96.064046 [arXiv:1707.05280 [gr-qc]].

(46) H. O. d. Silva,"Compact Objects in Relativistic Theories of Gravity," PhD thesis, The University of Mississippi (2017) AAT-10279481.

(47) K. Yagi and N. Yunes, Phys. Rept. **681**, 1-72 (2017) doi:10.1016/j.physrep.2017.03.002 [arXiv:1608.02582 [gr-qc]].

(48) M. Hohmann, L. Jarv, P. Kuusk, E. Randla and O. Vilson, Phys. Rev. D **94**, no.12, 124015 (2016) doi:10.1103/PhysRevD.94.124015 [arXiv:1607.02356 [gr-qc]].

A.67. K. V. Staykov, D. D. Doneva and **S. S. Yazadjiev**, "Accretion disks around neutron and strange stars in R+aR(2) gravity," JCAP **1608**, 061 (2016)

[arXiv:1606.01529 [gr-qc]].

Забелязани независими цитати:

(1) S. K. Jha, [arXiv:2308.14502 [gr-qc]].

(2) İ. İ. Çimdiker, A. Övgün and D. Demir, Class. Quant. Grav. **40**, no.18, 184001 (2023) doi:10.1088/1361-6382/aceb45 [arXiv:2308.03947 [gr-qc]].

(3) T. Mirzaev, S. Li, B. Narzilloev, I. Hussain, A. Abdujabbarov and B. Ahmedov, Eur. Phys. J. Plus **138**, no.1, 47 (2023) doi:10.1140/epjp/s13360-022-03632-4

(4) O. Donmez, F. Dogan and T. Sahin, Universe **8**, no.9, 458 (2022) doi:10.3390/universe8090458 [arXiv:2205.14382 [astro-ph.HE]].

(5) J. Barranco, J. Chagoya, A. Diez-Tejedor, G. Niz and A. A. Roque, JCAP **10**, 022 (2021) doi:10.1088/1475-7516/2021/10/022 [arXiv:2108.01679 [gr-qc]].

(6) M. Heydari-Fard, M. Heydari-Fard and H. R. Sepangi, Eur. Phys. J. C **81**, no.5, 473 (2021) doi:10.1140/epjc/s10052-021-09266-7 [arXiv:2105.09192 [gr-qc]].

(7) M. Heydari-Fard and H. R. Sepangi, Phys. Lett. B **816**, 136276 (2021) doi:10.1016/j.physletb.2021.136276 [arXiv:2009.13748 [gr-qc]].

(8) M. Heydari-Fard, M. Heydari-Fard and H. R. Sepangi, Eur. Phys. J. C **80**, no.4, 351 (2020) doi:10.1140/epjc/s10052-020-7911-0 [arXiv:2004.05552 [gr-qc]].

(9) S. Soroushfar and S. Upadhyay, Eur. Phys. J. Plus **135**, no.3, 338 (2020) doi:10.1140/epjp/s13360-020-00329-4 [arXiv:2003.08185 [gr-qc]].

(10) S. Shahidi, T. Harko and Z. Kovács, Eur. Phys. J. C **80**, no.2, 162 (2020) doi:10.1140/epjc/s10052-020-7736-x [arXiv:2002.03186 [gr-qc]].

(11) R. K. Karimov, R. N. Izmailov and K. K. Nandi, Eur. Phys. J. C **79**, no.11, 952 (2019) doi:10.1140/epjc/s10052-019-7488-7 [arXiv:1901.05762 [gr-qc]].

(12) R. K. Karimov, R. N. Izmailov, A. Bhattacharya and K. K. Nandi, Eur. Phys. J. C **78**, no.9, 788 (2018) doi:10.1140/epjc/s10052-018-6270-6 [arXiv:2002.00589 [gr-qc]].

(13) V. Folomeev, Phys. Rev. D **97**, no.12, 124009 (2018) doi:10.1103/PhysRevD.97.124009 [arXiv:1802.01801 [gr-qc]].

A.68. **S. S. Yazadjiev**, D. D. Doneva and D. Popchev, "Slowly rotating neutron stars in scalar-tensor theories with a massive scalar field," Phys. Rev. D **93**, no. 8, 084038 (2016)

[arXiv:1602.04766 [gr-qc]].

Забелязани независими цитати:

(1) A. Kuntz and E. Barausse, [arXiv:2403.07980 [gr-qc]].

(2) R. Rizaldy and A. Sulaksono, Phys. Rev. C **109**, no.2, 025803 (2024) doi:10.1103/PhysRevC.109.025803

(3) T. Evstafyeva, R. Rosca-Mead, U. Sperhake and B. Brugmann, Phys. Rev. D **108**, no.10, 104064 (2023) doi:10.1103/PhysRevD.108.104064 [arXiv:2310.05200 [gr-qc]].

(4) Y. Dong, Z. Hu, R. Xu and L. Shao, Phys. Rev. D **108**, no.10, 104039 (2023) doi:10.1103/PhysRevD.108.1040 [arXiv:2309.02871 [gr-qc]].

(5) H. J. Kuan, K. Van Aelst, A. T. L. Lam and M. Shibata, Phys. Rev. D **108**, no.6, 064057 (2023) doi:10.1103/PhysRevD.108.064057 [arXiv:2309.01709 [gr-qc]].

(6) N. Asakawa and Y. Sekiguchi, Phys. Rev. D **108**, no.4, 044060 (2023) doi:10.1103/PhysRevD.108.044060 [arXiv:2308.15052 [gr-qc]].

(7) J. M. Z. Pretel, S. E. Jorás, R. R. R. Reis, S. B. Duarte and J. D. V. Arbañil, Phys. Dark Univ. **43**, 101394 (2024) doi:10.1016/j.dark.2023.101394 [arXiv:2308.00203 [gr-qc]].

(8) M. Murshid and M. Kalam, [arXiv:2306.13758 [gr-qc]].

(9) Y. Kehal, K. Nouicer and H. Boumaza, JCAP **05**, 057 (2024) doi:10.1088/1475-7516/2024/05/057 [arXiv:2305.12155 [gr-qc]].

(10) M. K. Jasim, K. N. Singh, A. Errehymy, S. K. Maurya and M. V. Mandke, Universe **9**, no.5, 208 (2023) doi:10.3390/universe9050208

(11) H. Boumaza, Phys. Rev. D **108**, no.4, 044068 (2023) doi:10.1103/PhysRevD.108.044068 [arXiv:2303.16664 [gr-qc]].

(12) E. S. Demirboğa, Y. E. Şahin and F. M. Ramazanoğlu, Phys. Rev. D **108**, no.2, 024028 (2023) doi:10.1103/PhysRevD.108.024028 [arXiv:2303.01910 [gr-qc]].

(13) H. J. Kuan, doi:10.15496/publikation-76851

(14) M. Sharif and A. Majid, Chin. J. Phys. **80**, 285-304 (2022) doi:10.1016/j.cjph.2022.09.022 [arXiv:2307.08005 [gr-qc]].

(15) K. Bhattacharya and B. R. Majhi, Gen. Rel. Grav. **54**, no.9, 112 (2022) doi:10.1007/s10714-022-02999-0 [arXiv:2209.07050 [gr-qc]].

(16) L. Shao, doi:10.1142/9789811275388_0019 [arXiv:2208.00142 [gr-qc]].

(17) O. del Barco, Mon. Not. Roy. Astron. Soc. **516**, no.3, 3447-3453 (2022) doi:10.1093/mnras/stac2331 [arXiv:2207.07350 [astro-ph.HE]].

(18) L. Shao, Lect. Notes Phys. **1017**, 385-402 (2023) doi:10.1007/978-3-031-31520-6_12 [arXiv:2206.15187 [gr-qc]].

(19) G. G. L. Nashed and S. Nojiri, Fortsch. Phys. **71**, no.2-3, 2200091 (2023) doi:10.1002/prop.202200091 [arXiv:2206.04836 [gr-qc]].

(20) J. C. Aurrekoetxea, P. G. Ferreira, K. Clough, E. A. Lim and O. J. Tattersall, Phys. Rev. D **106**, no.10, 104002 (2022) doi:10.1103/PhysRevD.106.104002 [arXiv:2205.15878 [gr-qc]].

(21) J. Kunz, Lect. Notes Phys. **1017**, 293-313 (2023) doi:10.1007/978-3-031-31520-6_7 [arXiv:2204.12520 [gr-qc]].

(22) S. Tuna, K. İ. Ünlütürk and F. M. Ramazanoğlu, Phys. Rev. D **105**, no.12, 124070 (2022) doi:10.1103/PhysRevD.105.124070 [arXiv:2204.02138 [gr-qc]].

(23) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Universe **8**, no.3, 153 (2022) doi:10.3390/universe8030153 [arXiv:2204.04984 [gr-qc]].

(24) J. Zhao, P. C. C. Freire, M. Kramer, L. Shao and N. Wex, Class. Quant. Grav. **39**, no.11, 11LT01 (2022) doi:10.1088/1361-6382/ac69a3 [arXiv:2201.03771 [astro-ph.HE]].

(25) M. Sharif and A. Majid, Eur. Phys. J. Plus **137**, no.1, 114 (2022) doi:10.1140/epjp/s13360-021-02328-5 [arXiv:2201.00141 [gr-qc]].

(26) A. Majid, "Some Aspects of Self-interacting Brans-Dicke Theory," PhD thesis, Punjab U. (2022)

(27) J. Soldateschi, "Numerical study of the properties of compact objects in general relativity and scalar-tensor theories," PhD thesis, UNIVERSITA DEGLI STUDI DI FIRENZE (2022)

(28) Y. V. Stadnik, Nature Astron. **8**, no.4, 434-438 (2024) doi:10.1038/s41550-024-02245-4 [arXiv:2111.14351 [gr-qc]].

(29) M. Sharif and A. Majid, Astron. Rep. **65**, no.10, 1048-1053 (2021) doi:10.1134/S1063772921100358

(30) J. Soldateschi, N. Bucciantini and L. Del Zanna, [arXiv:2110.09301 [gr-qc]].

(31) Z. Hu, Y. Gao, R. Xu and L. Shao, Phys. Rev. D **104**, no.10, 104014 (2021) doi:10.1103/PhysRevD.104.10401 [arXiv:2109.13453 [gr-qc]].

(32) N. Sennett, "Probing Fundamental Physics With Gravitational Waves From Inspiraling Binary Systems," PhD thesis, Maryland U. (2021) doi:10.13016/y0rz-gogy

(33) S. K. Maurya, K. N. Singh, M. Govender, A. Errehymy and F. Tello-Ortiz, Eur. Phys. J. C **81**, no.8, 729 (2021) doi:10.1140/epjc/s10052-021-09519-5

(34) S. K. Maurya, K. Newton Singh and S. Ray, Chin. J. Phys. **71**, 548-560 (2021) doi:10.1016/j.cjph.2021.03.019

(35) E.-D. Smyrniotis, "Neutron star models in 4D Gauss-Bonnet gravity constructed with an iterative numerical method," thesis, Aristotle University of Thessaloniki (2021)

(36) J. Soldateschi, N. Bucciantini and L. Del Zanna, Astron. Astrophys. **654**, A162 (2021) doi:10.1142/9789811269776_0305 [arXiv:2106.00603 [astro-ph.HE]].

(37) M. Minamitsuji and S. Tsujikawa, Phys. Lett. B **820**, 136509 (2021) doi:10.1016/j.physletb.2021.136509 [arXiv:2105.14661 [gr-qc]].

(38) H. Boumaza, Eur. Phys. J. C **81**, no.5, 448 (2021) doi:10.1140/epjc/s10052-021-09222-5

(39) M. Sharif and A. Majid, Universe **7**, no.6, 161 (2021) doi:10.3390/universe7060161

(40) G. G. L. Nashed and S. Capozziello, Eur. Phys. J. C **81**, no.5, 481 (2021) doi:10.1140/epjc/s10052-021-09273-8 [arXiv:2105.11975 [gr-qc]].

(41) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(42) K. Yagi and M. Stepniczka, Phys. Rev. D **104**, no.4, 044017 (2021) doi:10.1103/PhysRevD.104.044017 [arXiv:2105.01614 [gr-qc]].

(43) M. Sharif and A. Majid, Phys. Dark Univ. **32**, 100803 (2021) doi:10.1016/j.dark.2021.100803

(44) M. Sharif and A. Majid, Int. J. Mod. Phys. A **36**, no.07, 2150054 (2021) doi:10.1142/S0217751X21500548

(45) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(46) G. G. L. Nashed and S. Nojiri, Phys. Rev. D **102**, 124022 (2020) doi:10.1103/PhysRevD.102.124022 [arXiv:2012.05711 [gr-qc]].

(47) V. Krall, A. Coates and K. D. Kokkotas, Phys. Rev. D **102**, no.12, 124065 (2020) doi:10.1103/PhysRevD.102.124065 [arXiv:2012.03710 [gr-qc]].

(48) C. A. R. Herdeiro, T. Ikeda, M. Minamitsuji, T. Nakamura and E. Radu, Phys. Rev. D **103**, no.4, 044019 (2021) doi:10.1103/PhysRevD.103.044019 [arXiv:2009.06971 [gr-qc]].

(49) S. K. Maurya, K. N. Singh, M. Govender and A. Errehymy, [arXiv:2008.10600 [gr-qc]].

(50) A. Majid and M. Sharif, Universe **6**, no.8, 124 (2020) doi:10.3390/universe6080124

(51) R. Rosca-Mead, C. J. Moore, U. Sperhake, M. Agathos and D. Gerosa, Symmetry **12**, no.9, 1384 (2020) doi:10.3390/sym12091384 [arXiv:2007.14429 [gr-qc]].

(52) R. Xu, Y. Gao and L. Shao, Phys. Rev. D **102**, no.6, 064057 (2020) doi:10.1103/PhysRevD.102.064057 [arXiv:2007.10080 [gr-qc]].

(53) H. Hu, M. Kramer, N. Wex, D. J. Champion and M. S. Kehl, Mon. Not. Roy. Astron. Soc. **497**, no.3, 3118-3130 (2020) doi:10.1093/mnras/staa2107 [arXiv:2007.07725 [astro-ph.SR]].

(54) M. Sharif and A. Majid, Eur. Phys. J. Plus **135**, no.7, 558 (2020) doi:10.1140/epjp/s13360-020-00574-7 [arXiv:2007.06457 [gr-qc]].

(55) M. Sharif and A. Majid, Phys. Dark Univ. **30**, 100610 (2020) doi:10.1016/j.dark.2020.100610 [arXiv:2006.04578 [gr-qc]].

(56) Y. V. Stadnik, Phys. Rev. D **102**, 115016 (2020) doi:10.1103/PhysRevD.102.115016 [arXiv:2006.00185 [hep-ph]].

(57) J. Soldateschi, N. Bucciantini and L. Del Zanna, Astron. Astrophys. **640**, A44 (2020) doi:10.1051/0004-6361/202037918 [arXiv:2005.12758 [astro-ph.HE]].

(58) N. Bucciantini and J. Soldateschi, Mon. Not. Roy. Astron. Soc. **495**, no.1, L56-L60 (2020) doi:10.1093/mnrasl/slaa059 [arXiv:2004.00322 [astro-ph.HE]].

(59) D. Sen, "Cold Dense Matter Phases and Neutron Star Structure in the Light of Recent Observations, " DEPARTMENT OF PHYSICS BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE,PILANI (2019)

(60) M. A. Sedda, C. P. L. Berry, K. Jani, P. Amaro-Seoane, P. Auclair, J. Baird, T. Baker, E. Berti, K. Breivik and A. Burrows, *et al.* Class. Quant. Grav. **37**, no.21, 215011 (2020) doi:10.1088/1361-6382/abb5c1 [arXiv:1908.11375 [gr-qc]].

(61) R. Kase and S. Tsujikawa, JCAP **09**, 054 (2019) doi:10.1088/1475-7516/2019/09/054 [arXiv:1906.08954 [gr-qc]].

(62) R. Rosca-Mead, PhD thesis, University of Cambridge (2019)

(63) D. Sen, Int. J. Mod. Phys. D **28**, no.09, 1950122 (2019) doi:10.1142/S0218271819501220 [arXiv:2008.06753 [nucl-th]].

(64) R. Rosca-Mead, C. J. Moore, M. Agathos and U. Sperhake, Class. Quant. Grav. **36**, no.13, 134003 (2019) doi:10.1088/1361-6382/ab256f [arXiv:1903.09704 [gr-qc]].

(65) D. Sen, K. Banerjee and T. K. Jha, Int. J. Mod. Phys. E **27**, no.11, 1850097 (2019) doi:10.1142/S0218301318500970 [arXiv:1812.03529 [nucl-th]].

(66) Z. Rezaei and H. Y. Dezdarani, JCAP **03**, 013 (2019) doi:10.1088/1475-7516/2019/03/013 [arXiv:1811.12090 [astro-ph.HE]].

(67) A. Hees, O. Minazzoli, E. Savalle, Y. V. Stadnik and P. Wolf, Phys. Rev. D **98**, no.6, 064051 (2018) doi:10.1103/PhysRevD.98.064051 [arXiv:1807.04512 [gr-qc]].

(68) Z. Altaha Motahar, J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Phys. Rev. D **98**, no.4, 044032 (2018) doi:10.1103/PhysRevD.98.044032 [arXiv:1807.02598 [gr-qc]].

(69) X. Y. Chew, B. Kleihaus and J. Kunz, Phys. Rev. D **97**, no.6, 064026 (2018) doi:10.1103/PhysRevD.97.06402 [arXiv:1802.00365 [gr-qc]].

(70) L. Sagunski, J. Zhang, M. C. Johnson, L. Lehner, M. Sakellariadou, S. L. Liebling, C. Palenzuela and D. Neilsen, Phys. Rev. D **97**, no.6, 064016 (2018) doi:10.1103/PhysRevD.97.064016 [arXiv:1709.06634 [gr-qc]].

(71) N. Sennett, L. Shao and J. Steinhoff, Phys. Rev. D **96**, no.8, 084019 (2017) doi:10.1103/PhysRevD.96.084019 [arXiv:1708.08285 [gr-qc]].

(72) M. Sharif and R. Manzoor, Int. J. Mod. Phys. D **27**, no.01, 1750172 (2017) doi:10.1142/S0218271817501723 [arXiv:1708.06245 [gr-qc]].

(73) Z. Altaha Motahar, J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Phys. Rev. D **96**, no.6, 064046 (2017) doi:10.1103/PhysRevD.96.064046 [arXiv:1707.05280 [gr-qc]].

(74) H. O. d. Silva, "Compact Objects in Relativistic Theories of Gravity,", PhD thesis, The University of Mississippi (2017) AAT-10279481.

(75) L. Shao, N. Sennett, A. Buonanno, M. Kramer and N. Wex, Phys. Rev. X **7**, no.4, 041025 (2017) doi:10.1103/PhysRevX.7.041025 [arXiv:1704.07561 [gr-qc]].

(76) K. Yagi and N. Yunes, Phys. Rept. **681**, 1-72 (2017) doi:10.1016/j.physrep.2017.03.002 [arXiv:1608.02582 [gr-qc]].

(77) Y. Brihaye and T. Delsate, [arXiv:1607.07488 [gr-qc]].

(78) M. Hohmann, L. Jarv, P. Kuusk, E. Randla and O. Vilson, Phys. Rev. D **94**, no.12, 124015 (2016) doi:10.1103/PhysRevD.94.124015 [arXiv:1607.02356 [gr-qc]].

(79) M. Minamitsuji and H. O. Silva, Phys. Rev. D **93**, no.12, 124041 (2016) doi:10.1103/PhysRevD.93.124041 [arXiv:1604.07742 [gr-qc]].

(80) H. O. Silva, A. Maselli, M. Minamitsuji and E. Berti, Int. J. Mod. Phys. D **25**, no.09, 1641006 (2016) doi:10.1142/S0218271816410066 [arXiv:1602.05997 [gr-qc]].

A.69. K. V. Staykov, D. D. Doneva and **S. S. Yazadjiev**, "Moment-of-inertia-compactness universal relations in scalar-tensor theories and $\mathcal{R}^2$ gravity," Phys. Rev. D **93**, no. 8, 084010 (2016) [arXiv:1602.00504 [gr-qc]].

Забелязани независими цитати:

(1) J. J. Li, A. Sedrakian and F. Weber, Phys. Rev. C **108**, no.2, 025810 (2023) doi:10.1103/PhysRevC.108.02581 [arXiv:2306.14190 [nucl-th]].

(2) S. R. Mohanty, S. Ghosh, P. Routaray, H. C. Das and B. Kumar, JCAP **03**, 054 (2024) doi:10.1088/1475-7516/2024/03/054 [arXiv:2305.15724 [nucl-th]].

(3) Y. Kehal, K. Nouicer and H. Boumaza, JCAP **05**, 057 (2024) doi:10.1088/1475-7516/2024/05/057 [arXiv:2305.12155 [gr-qc]].

(4) N. Jiang, "Testing General Relativity With Gravitational Waves From Compact Binaries," PhD thesis, University of Virginia (2023) doi:10.18130/9s37-n206

(5) H. C. Das, Phys. Rev. D **106**, no.10, 103518 (2022) doi:10.1103/PhysRevD.106.103518 [arXiv:2208.12566 [gr-qc]].

(6) J. L. Blázquez-Salcedo, L. M. González-Romero, F. S. Khoo, J. Kunz and V. Preut, Phys. Rev. D **106**, no.4, 044007 (2022) doi:10.1103/PhysRevD.106.044007 [arXiv:2205.03283 [gr-qc]].

(7) H. Boumaza, Eur. Phys. J. C **81**, no.5, 448 (2021) doi:10.1140/epjc/s10052-021-09222-5

(8) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(9) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(10) N. Jiang and K. Yagi, Phys. Rev. D **101**, no.12, 124006 (2020) doi:10.1103/PhysRevD.101.124006 [arXiv:2003.10498 [gr-qc]].

D. Sen, "Cold Dense Matter Phases and Neutron Star Structure in the Light of Recent Observations, " DEPARTMENT OF PHYSICS BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE,PILANI (2019)

(11) D. Sen, Int. J. Mod. Phys. D **28**, no.09, 1950122 (2019) doi:10.1142/S0218271819501220 [arXiv:2008.06753 [nucl-th]].

(12) G. Urbancová, M. Urbanec, G. Török, Z. Stuchlík, M. Blaschke and J. C. Miller, Astrophys. J. **877**, no.2, 66 (2019) doi:10.3847/1538-4357/ab1b4c [arXiv:1905.00730 [astro-ph.HE]].

(13) D. Sen, K. Banerjee and T. K. Jha, Int. J. Mod. Phys. E **27**, no.11, 1850097 (2019) doi:10.1142/S0218301318500970 [arXiv:1812.03529 [nucl-th]].

(14) Z. Altaha Motahar, J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Phys. Rev. D **98**, no.4, 044032 (2018) doi:10.1103/PhysRevD.98.044032 [arXiv:1807.02598 [gr-qc]].

(15) X. Y. Chew, B. Kleihaus and J. Kunz, Phys. Rev. D **97**, no.6, 064026 (2018) doi:10.1103/PhysRevD.97.06402 [arXiv:1802.00365 [gr-qc]].

(16) L. Rezzolla, E. R. Most and L. R. Weih, Astrophys. J. Lett. **852**, no.2, L25 (2018) doi:10.3847/2041-8213/aaa401 [arXiv:1711.00314 [astro-ph.HE]].

(17) Z. Altaha Motahar, J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Phys. Rev. D **96**, no.6, 064046 (2017) doi:10.1103/PhysRevD.96.064046 [arXiv:1707.05280 [gr-qc]].

(18) H. O. d. Silva, "Compact Objects in Relativistic Theories of Gravity," PhD thesis, The University of Mississippi (2017) AAT-10279481.

(19) Z. A. Motahar, J. Blazquez-Salcedo, B. Kleihaus and J. Kunz,

(20) J. Sakstein, E. Babichev, K. Koyama, D. Langlois and R. Saito, Phys. Rev. D **95**, no.6, 064013 (2017) doi:10.1103/PhysRevD.95.064013 [arXiv:1612.04263 [gr-qc]].

(21) K. Yagi and N. Yunes, Phys. Rept. **681**, 1-72 (2017) doi:10.1016/j.physrep.2017.03.002 [arXiv:1608.02582 [gr-qc]].

(22) M. Minamitsuji and H. O. Silva, Phys. Rev. D **93**, no.12, 124041 (2016) doi:10.1103/PhysRevD.93.124041 [arXiv:1604.07742 [gr-qc]].

(23) C. Breu and L. Rezzolla, Mon. Not. Roy. Astron. Soc. **459**, no.1, 646-656 (2016) doi:10.1093/mnras/stw575 [arXiv:1601.06083 [gr-qc]].

A.70. S. Yazadjiev and B. Lazov, "Classification of the static and asymptotically flat Einstein-Maxwell-dilaton spacetimes with a photon sphere," Phys. Rev. D **93**, no. 8, 083002 (2016)

[arXiv:1510.04022 [gr-qc]].

Забелязани независими цитати:

(1) S. Borghini, C. Cederbaum and A. Cogo, [arXiv:2401.05253 [gr-qc]].

(2) C. Cederbaum, S. Jahns and O. V. Martínez, [arXiv:2311.17509 [gr-qc]].

(3) KV Kobialko, DV Gal'tsov , Proceedings of the Sixteenth Marcel Grossmann Meeting, pp. 3874-3884 (2023)

(4) P. Nedkova, Lect. Notes Phys. **1022**, 67-99 (2023) doi:10.1007/978-3-031-42096-2_3

(5) H. Yoshino, [arXiv:2309.14318 [gr-qc]].

(6) I. Bogush, K. Kobialko and D. Gal'tsov, Phys. Rev. D **108**, no.4, 044070 (2023) doi:10.1103/PhysRevD.108.0

(7) I. Bogush, K. Kobialko and D. Gal'tsov, [arXiv:2306.12888 [gr-qc]].

(8) T. Cruz and I. Nunes, Proc. Am. Math. Soc. **151**, no.11, 4971-4982 (2023) doi:10.1090/proc/16497 [arXiv:2209.01263 [math.DG]].

(9) К. К. Кобялко, "Геометрический подход к теории фотонных многообразий в гравитационных полях," Диссертация на соискание учёной степени кандидата физико-математических наук, Московский государственный университет (2022)

(10) K. Kobialko, I. Bogush and D. Gal'tsov, Phys. Rev. D **106**, no.8, 084032 (2022) doi:10.1103/PhysRevD.106.0 [arXiv:2208.02690 [gr-qc]].

(11) K. Kobialko, I. Bogush and D. Gal'tsov, Phys. Rev. D **106**, no.2, 024006 (2022) doi:10.1103/PhysRevD.106.0 [arXiv:2202.09126 [gr-qc]].

(12) K. Kobialko and D. Gal'tsov, doi:10.1142/9789811269776_0322 [arXiv:2110.04610 [gr-qc]].

(13) K. V. Kobyalko and D. V. Gal'tsov, Teor. Mat. Fiz. **208**, no.3, 495-521 (2021) doi:10.1134/S00405779210900

(14) V. Perlick and O. Y. Tsupko, Phys. Rept. **947**, 1-39 (2022) doi:10.1016/j.physrep.2021.10.004 [arXiv:2105.07101 [gr-qc]].

(15) K. Kobialko, I. Bogush and D. Gal'tsov, Phys. Rev. D **104**, no.4, 044009 (2021) doi:10.1103/PhysRevD.104.0 [arXiv:2104.02167 [gr-qc]].

(16) Y. Koga, Phys. Rev. D **101**, no.10, 104022 (2020) doi:10.1103/PhysRevD.101.104022 [arXiv:2003.10859 [gr-qc]].

(17) K. V. Kobialko and D. V. Gal'tsov, Eur. Phys. J. C **80**, no.6, 527 (2020) doi:10.1140/epjc/s10052-020-8070-z [arXiv:2002.04280 [gr-qc]].

(18) C. Cederbaum and G. J. Galloway, J. Math. Phys. **62**, no.3, 032504 (2021) doi:10.1063/5.0031280 [arXiv:1910.04220 [math.DG]].

(19) H. Yoshino, K. Izumi, T. Shiromizu and Y. Tomikawa, PTEP **2020**, no.2, 023E02 (2020) doi:10.1093/ptep/ptz161 [arXiv:1909.08420 [gr-qc]].

(20) M. Bugden, Class. Quant. Grav. **37**, no.1, 015001 (2020) doi:10.1088/1361-6382/ab5493 [arXiv:1909.07298 [gr-qc]].

(21) D. V. Gal'tsov and K. V. Kobialko, Phys. Rev. D **100**, no.10, 104005 (2019) doi:10.1103/PhysRevD.100.1040 [arXiv:1906.12065 [gr-qc]].

(22) C. Cederbaum and S. Jahns, Gen. Rel. Grav. **51**, no.6, 79 (2019) [erratum: Gen. Rel. Grav. **51**, no.11, 154 (2019)] doi:10.1007/s10714-019-2561-y [arXiv:1904.00916 [math.DG]].

(23) D. V. Gal'tsov and K. V. Kobialko, Phys. Rev. D **99**, no.8, 084043 (2019) doi:10.1103/PhysRevD.99.084043 [arXiv:1901.02785 [gr-qc]].

(24) A. A. Shoom, Phys. Rev. D **96**, no.8, 084056 (2017) doi:10.1103/PhysRevD.96.084056 [arXiv:1708.00019 [gr-qc]].

(25) H. Yoshino, K. Izumi, T. Shiromizu and Y. Tomikawa, PTEP **2017**, no.6, 063E01 (2017) doi:10.1093/ptep/ptx072 [arXiv:1704.04637 [gr-qc]].

(26) M. Rogatko, [arXiv:1701.07643 [hep-th]].

(27) G. W. Gibbons and C. M. Warnick, Phys. Lett. B **763**, 169-173 (2016) doi:10.1016/j.physletb.2016.10.033 [arXiv:1609.01673 [gr-qc]].

(28) H. Yoshino, Phys. Rev. D **95**, no.4, 044047 (2017) doi:10.1103/PhysRevD.95.044047 [arXiv:1607.07133 [gr-qc]].

A.71. K. V. Staykov, D. D. Doneva and **S. S. Yazadjiev**, "Orbital and epicyclic frequencies around neutron and strange stars in R^2 gravity," Eur. Phys. J. C **75**, no. 12, 607 (2015) [arXiv:1508.07790 [gr-qc]].

Забелязани независими цитати:

(1) J. A. S. Fortunato, P. H. R. S. Moraes, E. Brito, J. G. de Lima Júnior and T. S. Guerini, [arXiv:2402.15395 [gr-qc]].

(2) A. Malik, A. Shafaq, M. Koussour and Z. Yousaf, Eur. Phys. J. C **83**, no.9, 845 (2023) doi:10.1140/epjc/s10052-023-11996-9

(3) A. Malik, A. Shafaq, T. Naz and A. H. Al-khaldi, Eur. Phys. J. C **83**, no.8, 765 (2023) doi:10.1140/epjc/s10052-023-11940-x

(4) H. Y. Lin and X. M. Deng, Annals Phys. **455**, 169360 (2023) doi:10.1016/j.aop.2023.169360

(5) C. Chakraborty and P. Majumdar, Eur. Phys. J. C **83**, no.8, 714 (2023) doi:10.1140/epjc/s10052-023-11858-4 [arXiv:2210.17162 [gr-qc]].

(6) A. R. Athar, M. Ilyas and B. Masud, Int. J. Geom. Meth. Mod. Phys. **20**, no.01, 2350003 (2023) doi:10.1142/S0219887823500032

(7) H. Y. Lin and X. M. Deng, Universe **8**, no.5, 278 (2022) doi:10.3390/universe8050278

(8) J. C. Jiménez, J. M. Z. Pretel, E. S. Fraga, S. E. Jorás and R. R. R. Reis, JCAP **07**, no.07, 017 (2022) doi:10.1088/1475-7516/2022/07/017 [arXiv:2112.09950 [gr-qc]].

(9) A. Malik, I. Ahmad and Kiran, Int. J. Geom. Meth. Mod. Phys. **19**, no.02, 2250028 (2022) doi:10.1142/S0219887822500281

(10) B. Gao and X. M. Deng, Eur. Phys. J. C **81**, no.11, 983 (2021) doi:10.1140/epjc/s10052-021-09782-6

(11) B. Gao and X. M. Deng, Mod. Phys. Lett. A **36**, no.33, 2150237 (2021) doi:10.1142/S0217732321502370

(12) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(13) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, doi:10.1007/978-3-030-83715-0_22

(14) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(15) E. P. Kubarko and P. I. Pronin, Moscow Univ. Phys. Bull. **75**, no.2, 109-115 (2020) doi:10.3103/S002713492002006X

(16) G. Mustafa and T. C. Xia, Int. J. Mod. Phys. A **35**, no.21, 2050109 (2020) doi:10.1142/S0217751X20501092

(17) S. Zia, "Some Exact Solutions and Physical Attributes of Compact Stars in f(R,G) Gravity," National University of Computer and Emerging Sciences, Islamabad (2020)

(18) M. F. Shamir and T. Naz, Eur. Phys. J. Plus **135**, no.2, 188 (2020) doi:10.1140/epjp/s13360-020-00232-y

(19) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0 [arXiv:1912.05202 [gr-qc]].

(20) M. Farasat Shamir and A. Malik, Commun. Theor. Phys. **71**, no.5, 599-609 (2019) doi:10.1088/0253-6102/71/5/599

(21) C. Chakraborty and S. Bhattacharyya, JCAP **05**, 034 (2019) doi:10.1088/1475-7516/2019/05/034 [arXiv:1901.04233 [astro-ph.HE]].

(22) G. A. Gonzalez, B. Kleihaus, J. Kunz and S. Mojica, Phys. Rev. D **99**, no.2, 024041 (2019) doi:10.1103/PhysRevD.99.024041 [arXiv:1812.02686 [gr-qc]].

(23) M. Sharif and A. Waseem, Int. J. Mod. Phys. D **28**, no.02, 1950033 (2018) doi:10.1142/S0218271819500330

(24) Z. Yousaf, M. Z. u. H. Bhatti and M. Ilyas, Eur. Phys. J. C **78**, no.4, 307 (2018) doi:10.1140/epjc/s10052-018-5797-x [arXiv:1804.04953 [physics.gen-ph]].

(25) M. F. Shamir and S. Zia, Eur. Phys. J. C **77**, no.7, 448 (2017) doi:10.1140/epjc/s10052-017-5010-7 [arXiv:1705.06582 [physics.gen-ph]].

A.72. K. Staykov, K. Yavuz Ek?i, **S. Yazadjiev**, M. Metehan Turkoglu, A. Sava? Arapoglu, "Moment of inertia of neutron star crust in alternative and modified theories of gravity," Phys. Rev. D 94 (2016) 2, 024056

[1507.05878 [gr-qc]]

Забелязани независими цитати:

(1) Y. Dong, Z. Hu, R. Xu and L. Shao, Phys. Rev. D **108**, no.10, 104039 (2023) doi:10.1103/PhysRevD.108.104
[arXiv:2309.02871 [gr-qc]].

(2) Pedro H. R. S. Moraes, "Alternative Gravity Neutron Stars in the Gravitational Wave Era," New Phenomena and New States of Matter in the Universe, pp. 285-316 (2023); https://doi.org/10.1142/9789811220913-0007

(3) J. M. Z. Pretel, S. E. Jorás, R. R. R. Reis, S. B. Duarte and J. D. V. Arbañil, Phys. Dark Univ. **43**, 101394 (2024) doi:10.1016/j.dark.2023.101394 [arXiv:2308.00203 [gr-qc]].

(4) J. L. Blázquez-Salcedo, L. M. González-Romero, F. S. Khoo, J. Kunz and V. Preut, " Φ-modes of neutron stars in a massless scalar-tensor theory" Front. Astron. Space Sci., 25 October (2022) Sec. Cosmology, Volume 9- 2022; https://doi.org/10.3389/fspas.2022.1005108

(5) J. L. Blázquez-Salcedo, L. M. González-Romero, F. S. Khoo, J. Kunz and V. Preut, "Universal relations for quasinormal modes of neutron stars in R2 gravity," Phys. Rev. D **106**, no.4, 044007 (2022) doi:10.1103/PhysRevD.106.044007 [arXiv:2205.03283 [gr-qc]].

(6) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(7) F. A. Silveira, R. Maier and S. E. Perez Bergliaffa, Eur. Phys. J. C **81**, no.1, 7 (2021) doi:10.1140/epjc/s10052-020-08784-0

(8) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, doi:10.1007/978-3-030-83715-0_22

(9) F. A. Silveira, "Objetos compactos, ultracompactos e exóticos em teorias f(R) da gravitação no formalismo de Palatini,"PhD thesis, Universidade do Estado do Rio de Janeiro (2020)

(10) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0
[arXiv:1912.05202 [gr-qc]].

(11) W. X. Feng, C. Q. Geng, W. F. Kao and L. W. Luo, Int. J. Mod. Phys. D **27**, no.01, 1750186 (2017) doi:10.1142/S0218271817501863 [arXiv:1702.05936 [gr-qc]].

(12) F. A. Teppa Pannia, F. García, S. E. Perez Bergliaffa, M. Orellana and G. E. Romero, Gen. Rel. Grav. **49**, no.2, 25 (2017) doi:10.1007/s10714-016-2182-7 [arXiv:1607.03508 [gr-qc]].

A.73. D. D. Doneva, **S. S. Yazadjiev** and K. D. Kokkotas, "The I-Q relations for rapidly rotating neutron stars in $f(R)$ gravity," Phys. Rev. D **92**, no. 6, 064015 (2015)

[arXiv:1507.00378 [gr-qc]].

Забелязани независими цитати:

(1) L. Suleiman and J. Read, [arXiv:2402.01948 [astro-ph.HE]].

(2) A. Malik, M. R. Bashir, M. Ahmad, A. Jabeen and M. F. Shamir, Int. J. Geom. Meth. Mod. Phys. **21**, no.05, 2450099 (2024) doi:10.1142/S0219887824500993

(3) A. Malik, T. Naz, F. Mofarreh and A. Shazadi, Int. J. Geom. Meth. Mod. Phys. **21**, no.04, 2450086 (2024) doi:10.1142/S0219887824500865

(4) R. Saleem, M. I. Aslam and S. Shahid, Int. J. Geom. Meth. Mod. Phys. **21**, no.05, 2450106 (2024) doi:10.1142/S0219887824501068

(5) P. Bhar, A. Errehymy and S. Ray, Eur. Phys. J. C **83**, no.12, 1151 (2023) doi:10.1140/epjc/s10052-023-12340-x

(6) K. P. Das, U. Debnath, A. Ashraf and M. Khurana, Phys. Dark Univ. **43**, 101398 (2024) doi:10.1016/j.dark.2023.101398

(7) I. Noureen, A. Raza and S. A. Mardan, Eur. Phys. J. C **83**, no.11, 1055 (2023) doi:10.1140/epjc/s10052-023-12214-2

(8) A. Malik, A. Arif and M. F. Shamir, Int. J. Theor. Phys. **62**, no.11, 243 (2023) doi:10.1007/s10773-023-05499-2

(9) D. Bhattacharjee and P. K. Chattopadhyay, Eur. Phys. J. C **84**, no.1, 77 (2024) doi:10.1140/epjc/s10052-024-12449-7 [arXiv:2310.07391 [gr-qc]].

(10) G. G. L. Nashed, Phys. Dark Univ. **42**, 101312 (2023) doi:10.1016/j.dark.2023.101312 [arXiv:2309.02452 [gr-qc]].

(11) J. C. N. de Araujo and H. G. M. Fortes, Eur. Phys. J. C **83**, no.12, 1168 (2023) doi:10.1140/epjc/s10052-023-12342-9 [arXiv:2308.00627 [gr-qc]].

(12) O. Miskovic, R. Olea, E. Papantonopoulos and Y. Parra-Cisterna, Phys. Rev. D **108**, no.6, 064012 (2023) doi:10.1103/PhysRevD.108.064012 [arXiv:2307.00554 [hep-th]].

(13) K. Vylet, S. Ajith, K. Yagi and N. Yunes, Phys. Rev. D **109**, no.2, 024054 (2024) doi:10.1103/PhysRevD.109.024054 [arXiv:2306.11930 [gr-qc]].

(14) A. Banerjee, T. Tangphati and A. Pradhan, Int. J. Mod. Phys. D **32**, no.05, 2350026 (2023) doi:10.1142/S0218271823500268

(15) A. B. Tudeshki, G. H. Bordbar and B. Eslam Panah, Phys. Dark Univ. **42**, 101354 (2023) doi:10.1016/j.dark.2023.101354 [arXiv:2303.04813 [gr-qc]].

(16) M. Bandyopadhyay and R. Biswas, Int. J. Mod. Phys. D **32**, no.03, 2350006 (2023) doi:10.1142/S0218271823500062

(17) A. Siddiqa, G. Abbas, A. Waseem, A. Aleem and H. R. Kausar, Int. J. Geom. Meth. Mod. Phys. **20**, no.04, 2350068 (2023) doi:10.1142/S0219887823500688

(18) A. R. Athar, M. Ilyas and B. Masud, Int. J. Geom. Meth. Mod. Phys. **20**, no.01, 2350003 (2023) doi:10.1142/S0219887823500032

(19) F. M. da Silva, L. C. N. Santos, C. E. Mota, T. O. F. da Costa and J. C. Fabris, Eur. Phys. J. C **83**, no.4, 295 (2023) doi:10.1140/epjc/s10052-023-11466-2 [arXiv:2206.08469 [gr-qc]].

(20) J. Kunz, Lect. Notes Phys. **1017**, 293-313 (2023) doi:10.1007/978-3-031-31520-6_7 [arXiv:2204.12520 [gr-qc]].

(21) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Universe **8**, no.3, 153 (2022) doi:10.3390/universe8030153 [arXiv:2204.04984 [gr-qc]].

(22) H. S. Chan, M. c. Chu and S. C. Leung, Astrophys. J. **941**, no.2, 115 (2022) doi:10.3847/1538-4357/aca09b [arXiv:2111.12894 [astro-ph.HE]].

(23) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(24) T. Karakasis, E. Papantonopoulos, Z. Y. Tang and B. Wang, Eur. Phys. J. C **81**, no.10, 897 (2021) doi:10.1140/epjc/s10052-021-09717-1 [arXiv:2103.14141 [gr-qc]].

(25) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(26) F. M. da Silva, L. C. N. Santos and C. C. Barros, Class. Quant. Grav. **38**, no.16, 165011 (2021) doi:10.1088/1361-6382/ac129d [arXiv:2010.00086 [astro-ph.HE]].

(27) G. Urbancová, M. Urbanec, G. Török, Z. Stuchlík, M. Blaschke and J. C. Miller, Astrophys. J. **877**, no.2, 66 (2019) doi:10.3847/1538-4357/ab1b4c [arXiv:1905.00730 [astro-ph.HE]].

(28) A. Balakin, A. Ilin, A. Kotanjyan and L. Grigoryan, Symmetry **11**, 189 (2019) doi:10.3390/sym11020189 [arXiv:1902.06469 [gr-qc]].

(29) G. G. L. Nashed and S. Capozziello, Phys. Rev. D **99**, no.10, 104018 (2019) doi:10.1103/PhysRevD.99.104018 [arXiv:1902.06783 [gr-qc]].

(30) E. L. Oter, A. Windisch, F. J. Llanes-Estrada and M. Alford, J. Phys. G **46**, no.8, 084001 (2019) doi:10.1088/1361-6471/ab2567 [arXiv:1901.05271 [gr-qc]].

(31) S. Jana and S. Mohanty, Phys. Rev. D **99**, no.4, 044056 (2019) doi:10.1103/PhysRevD.99.044056 [arXiv:1807.04060 [gr-qc]].

(32) T. Gupta, B. Majumder, K. Yagi and N. Yunes, Class. Quant. Grav. **35**, no.2, 025009 (2018) doi:10.1088/1361-6382/aa9c68 [arXiv:1710.07862 [gr-qc]].

(33) L. Sagunski, J. Zhang, M. C. Johnson, L. Lehner, M. Sakellariadou, S. L. Liebling, C. Palenzuela and D. Neilsen, Phys. Rev. D **97**, no.6, 064016 (2018) doi:10.1103/PhysRevD.97.064016 [arXiv:1709.06634 [gr-qc]].

(34) H. O. d. Silva, "Compact Objects in Relativistic Theories of Gravity," PhD thesis, The University of Mississippi (2017) AAT-10279481.

(35) A. V. Astashenok, S. D. Odintsov and A. de la Cruz-Dombriz, Class. Quant. Grav. **34**, no.20, 205008 (2017) doi:10.1088/1361-6382/aa8971 [arXiv:1704.08311 [gr-qc]].

(36) V. Paschalidis and N. Stergioulas, Living Rev. Rel. **20**, no.1, 7 (2017) doi:10.1007/s41114-017-0008-x [arXiv:1612.03050 [astro-ph.HE]].

(37) A. G. Suvorov and A. Melatos, Phys. Rev. D **94**, no.4, 044045 (2016) doi:10.1103/PhysRevD.94.044045 [arXiv:1608.03021 [gr-qc]].

(38) K. Yagi and N. Yunes, Phys. Rept. **681**, 1-72 (2017) doi:10.1016/j.physrep.2017.03.002 [arXiv:1608.02582 [gr-qc]].

(39) F. A. Teppa Pannia, F. García, S. E. Perez Bergliaffa, M. Orellana and G. E. Romero, Gen. Rel. Grav. **49**, no.2, 25 (2017) doi:10.1007/s10714-016-2182-7 [arXiv:1607.03508 [gr-qc]].

(40) M. Minamitsuji and H. O. Silva, Phys. Rev. D **93**, no.12, 124041 (2016) doi:10.1103/PhysRevD.93.124041 [arXiv:1604.07742 [gr-qc]].

(41) R. Haas, C. D. Ott, B. Szilagyi, J. D. Kaplan, J. Lippuner, M. A. Scheel, K. Barkett, C. D. Muhlberger, T. Dietrich and M. D. Duez, *et al.* Phys. Rev. D **93**, no.12, 124062 (2016) doi:10.1103/PhysRevD.93.124062 [arXiv:1604.00782 [gr-qc]].

(42) A. Maselli, PoS **MPCS2015**, 014 (2016) doi:10.22323/1.262.0014

(43) H. O. Silva, A. Maselli, M. Minamitsuji and E. Berti, Int. J. Mod. Phys. D **25**, no.09, 1641006 (2016) doi:10.1142/S0218271816410066 [arXiv:1602.05997 [gr-qc]].

(44) A. V. Astashenok and S. D. Odintsov, Phys. Rev. D **94**, no.6, 063008 (2016) doi:10.1103/PhysRevD.94.063008 [arXiv:1512.07279 [gr-qc]].

(45) T. K. Chan, A. P. O. Chan and P. T. Leung, Phys. Rev. D **93**, no.2, 024033 (2016) doi:10.1103/PhysRevD.93.024033 [arXiv:1511.08566 [gr-qc]].

(46) P. Pani, L. Gualtieri and V. Ferrari, Phys. Rev. D **92**, no.12, 124003 (2015) doi:10.1103/PhysRevD.92.124003 [arXiv:1509.02171 [gr-qc]].

(47) J. Bretz, K. Yagi and N. Yunes, Phys. Rev. D **92**, no.8, 083009 (2015) doi:10.1103/PhysRevD.92.083009 [arXiv:1507.02278 [gr-qc]].

A.74. S. Yazadjiev and B. Lazov, "Uniqueness of the static Einstein-Maxwell spacetimes with a photon sphere," Class. Quant. Grav. **32**, 165021 (2015)

[arXiv:1503.06828 [gr-qc]].

Забелязани независими цитати:

(1) M. Rogatko, Phys. Rev. D **109**, no.2, 024056 (2024) doi:10.1103/PhysRevD.109.024056 [arXiv:2401.14116 [gr-qc]].

(2) S. Borghini, C. Cederbaum and A. Cogo, [arXiv:2401.05253 [gr-qc]].

(3) C. Cederbaum, S. Jahns and O. V. Martínez, [arXiv:2311.17509 [gr-qc]].

(4) P. Nedkova, Lect. Notes Phys. **1022**, 67-99 (2023) doi:10.1007/978-3-031-42096-2_3

(5) KV Kobialko, DV Gal'tsov , Proceedings of the Sixteenth Marcel Grossmann Meeting, pp. 3874-3884 (2023)

(6) H. Yoshino, [arXiv:2309.14318 [gr-qc]].

(7) I. Bogush, K. Kobialko and D. Gal'tsov, Phys. Rev. D **108**, no.4, 044070 (2023) doi:10.1103/PhysRevD.108.0

(8) I. Bogush, K. Kobialko and D. Gal'tsov, [arXiv:2306.12888 [gr-qc]].

(9) T. Cruz and I. Nunes, Proc. Am. Math. Soc. **151**, no.11, 4971-4982 (2023) doi:10.1090/proc/16497 [arXiv:2209.01263 [math.DG]].

(10) K. Kobialko, I. Bogush and D. Gal'tsov, Phys. Rev. D **106**, no.8, 084032 (2022) doi:10.1103/PhysRevD.106.0 [arXiv:2208.02690 [gr-qc]].

(11) K. S. Virbhadra, [arXiv:2204.01792 [gr-qc]].

(12) K. Kobialko, I. Bogush and D. Gal'tsov, Phys. Rev. D **106**, no.2, 024006 (2022) doi:10.1103/PhysRevD.106.0 [arXiv:2202.09126 [gr-qc]].

(13) K. Kobialko and D. Gal'tsov, doi:10.1142/9789811269776_0322 [arXiv:2110.04610 [gr-qc]].

(14) K. V. Kobyalko and D. V. Gal'tsov, Teor. Mat. Fiz. **208**, no.3, 495-521 (2021) doi:10.1134/S00405779210900

(15) К. Кобялко, "Геометрический подход к теории фотонных многообразий в гравитационных полях," Диссертация на соискание учёной степени кандидата физико-математических наук, Московский государственный университет (2022)

(16) V. Perlick and O. Y. Tsupko, Phys. Rept. **947**, 1-39 (2022) doi:10.1016/j.physrep.2021.10.004 [arXiv:2105.07101 [gr-qc]].

(17) K. Kobialko, I. Bogush and D. Gal'tsov, Phys. Rev. D **104**, no.4, 044009 (2021) doi:10.1103/PhysRevD.104.0 [arXiv:2104.02167 [gr-qc]].

(18) B. Leandro, A. P. de Melo, I. Menezes and R. Pina, Gen. Rel. Grav. **53**, no.10, 92 (2021) doi:10.1007/s10714-021-02867-3 [arXiv:2010.10708 [gr-qc]].

(19) B. Leandro, A. de Melo and H. Pina, [arXiv:2010.07187 [math.DG]].

(20) K. V. Kobialko and D. V. Gal'tsov, Eur. Phys. J. C **80**, no.6, 527 (2020) doi:10.1140/epjc/s10052-020-8070-z [arXiv:2002.04280 [gr-qc]].

(21) L. M. Cao and Y. Song, Eur. Phys. J. C **81**, no.8, 714 (2021) doi:10.1140/epjc/s10052-021-09502-0 [arXiv:1910.13758 [gr-qc]].

(22) S. Jahns, Class. Quant. Grav. **36**, no.23, 235019 (2019) doi:10.1088/1361-6382/ab5230 [arXiv:1910.10691 [gr-qc]].

(23) C. Cederbaum and G. J. Galloway, J. Math. Phys. **62**, no.3, 032504 (2021) doi:10.1063/5.0031280 [arXiv:1910.04220 [math.DG]].

(24) H. Yoshino, K. Izumi, T. Shiromizu and Y. Tomikawa, PTEP **2020**, no.2, 023E02 (2020) doi:10.1093/ptep/ptz161 [arXiv:1909.08420 [gr-qc]].

(25) M. Bugden, Class. Quant. Grav. **37**, no.1, 015001 (2020) doi:10.1088/1361-6382/ab5493 [arXiv:1909.07298 [gr-qc]].

(26) S. Jahns, Trapping of light in stationary spacetimes, PhD thesis, Tuebingen (2019)

(27) D. V. Gal'tsov and K. V. Kobialko, Phys. Rev. D **100**, no.10, 104005 (2019) doi:10.1103/PhysRevD.100.1040 [arXiv:1906.12065 [gr-qc]].

(28) C. Cederbaum and S. Jahns, Gen. Rel. Grav. **51**, no.6, 79 (2019) [erratum: Gen. Rel. Grav. **51**, no.11, 154 (2019)] doi:10.1007/s10714-019-2561-y [arXiv:1904.00916 [math.DG]].

(29) D. V. Gal'tsov and K. V. Kobialko, Phys. Rev. D **99**, no.8, 084043 (2019) doi:10.1103/PhysRevD.99.084043 [arXiv:1901.02785 [gr-qc]].

(30) A. A. Shoom, Phys. Rev. D **96**, no.8, 084056 (2017) doi:10.1103/PhysRevD.96.084056 [arXiv:1708.00019 [gr-qc]].

(31) H. Yoshino, K. Izumi, T. Shiromizu and Y. Tomikawa, PTEP **2017**, no.6, 063E01 (2017) doi:10.1093/ptep/ptx072 [arXiv:1704.04637 [gr-qc]].

(32) K. Izumi, PoS **KMI2017**, 030 (2017) doi:10.22323/1.294.0030

(33) Y. Tomikawa, T. Shiromizu and K. Izumi, PTEP **2017**, no.3, 033E03 (2017) doi:10.1093/ptep/ptx033 [arXiv:1612.01228 [gr-qc]].

(34) G. W. Gibbons and C. M. Warnick, Phys. Lett. B **763**, 169-173 (2016) doi:10.1016/j.physletb.2016.10.033 [arXiv:1609.01673 [gr-qc]].

(35) H. Yoshino, Phys. Rev. D **95**, no.4, 044047 (2017) doi:10.1103/PhysRevD.95.044047 [arXiv:1607.07133 [gr-qc]].

(36) C. Cederbaum and G. J. Galloway, Class. Quant. Grav. **33**, 075006 (2016) doi:10.1088/0264-9381/33/7/075006 [arXiv:1508.00355 [math.DG]].

A.75. K. V. Staykov, D. D. Doneva, **S. S. Yazadjiev** and K. D. Kokkotas, "Gravitational wave asteroseismology of neutron and strange stars in R^2 gravity," Phys. Rev. D **92**, no. 4, 043009 (2015)

[arXiv:1503.04711 [gr-qc]].

Забелязани независими цитати:

(1) O. Miskovic, R. Olea, E. Papantonopoulos and Y. Parra-Cisterna, Phys. Rev. D **108**, no.6, 064012 (2023) doi:10.1103/PhysRevD.108.064012 [arXiv:2307.00554 [hep-th]].

(2) Z. C. Zou, Y. F. Huang and X. L. Zhang, Universe **8**, no.9, 442 (2022) doi:10.3390/universe8090442 [arXiv:2207.12053 [astro-ph.HE]].

(3) J. L. Blázquez-Salcedo, L. M. González-Romero, F. S. Khoo, J. Kunz and V. Preut, Front. Astron. Space Sci. **9**, 1005108 (2022) doi:10.3389/fspas.2022.1005108 [arXiv:2207.11370 [gr-qc]].

(4) J. L. Blázquez-Salcedo, L. M. González-Romero, F. S. Khoo, J. Kunz and V. Preut, Phys. Rev. D **106**, no.4, 044007 (2022) doi:10.1103/PhysRevD.106.044007 [arXiv:2205.03283 [gr-qc]].

(5) I. G. Salako, R. Boko, E. Baffou and M. Z. Arouko, Mod. Phys. Lett. A **37**, no.09, 2250053 (2022) doi:10.1142/S0217732322500535

(6) I. G. Salako, M. J. S. Houndjo, E. Baffou, G. N. R. Amoussou and J. Tossa, Gen. Rel. Grav. **54**, no.3, 28 (2022) doi:10.1007/s10714-022-02915-6

(7) T. Tangphati, I. Karar, A. Pradhan and A. Banerjee, Eur. Phys. J. C **82**, no.1, 57 (2022) doi:10.1140/epjc/s10052-022-10024-6

(8) J. C. Jiménez, J. M. Z. Pretel, E. S. Fraga, S. E. Jorás and R. R. R. Reis, JCAP **07**, no.07, 017 (2022) doi:10.1088/1475-7516/2022/07/017 [arXiv:2112.09950 [gr-qc]].

(9) H. Noshad, S. H. Hendi and B. Panah Eslam, Eur. Phys. J. C **82**, no.5, 394 (2022) doi:10.1140/epjc/s10052-022-10358-1 [arXiv:2111.03924 [gr-qc]].

(10) I. G. Salako, R. D. Boko, E. Baffou and M. Z. Arouko, Int. J. Geom. Meth. Mod. Phys. **18**, no.12, 2150186 (2021) doi:10.1142/S0219887821501863

(11) J. L. Blázquez-Salcedo, F. S. Khoo, J. Kunz and V. Preut, Front. in Phys. **9**, 741427 (2021) doi:10.3389/fphy.2021.741427 [arXiv:2107.06726 [gr-qc]].

(12) R. F. P. Mendes, N. Ortiz and N. Stergioulas, Phys. Rev. D **104**, no.10, 104036 (2021) doi:10.1103/PhysRevD.104.104036 [arXiv:2107.07036 [gr-qc]].

(13) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(14) T. Karakasis, E. Papantonopoulos, Z. Y. Tang and B. Wang, Eur. Phys. J. C **81**, no.10, 897 (2021) doi:10.1140/epjc/s10052-021-09717-1 [arXiv:2103.14141 [gr-qc]].

(15) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, doi:10.1007/978-3-030-83715-0_22

(16) J. M. Z. Pretel, S. E. Jorás, R. R. R. Reis and J. D. V. Arbañil, JCAP **04**, 064 (2021) doi:10.1088/1475-7516/2021/04/064 [arXiv:2012.03342 [gr-qc]].

(17) J. M. Z. Pretel, S. E. Jorás and R. R. R. Reis, JCAP **11**, 048 (2020) doi:10.1088/1475-7516/2020/11/048 [arXiv:2008.00536 [gr-qc]].

(18) J. L. Blázquez-Salcedo, F. Scen Khoo and J. Kunz, EPL **130**, no.5, 50002 (2020) doi:10.1209/0295-5075/130/50002 [arXiv:2001.09117 [gr-qc]].

(19) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0 [arXiv:1912.05202 [gr-qc]].

(20) G. Panotopoulos and Á. Rincón, Eur. Phys. J. Plus **134**, no.9, 472 (2019) doi:10.1140/epjp/i2019-12853-1 [arXiv:1907.03545 [gr-qc]].

(21) I. Lopes and G. Panotopoulos, Phys. Rev. D **99**, no.10, 103013 (2019) doi:10.1103/PhysRevD.99.103013

(22) T. Yazdizadeh, G. H. Bordbar and B. Eslam Panah, Phys. Dark Univ. **35**, 100982 (2022) doi:10.1016/j.dark.2022.100982 [arXiv:1902.04887 [physics.gen-ph]].

(23) G. Panotopoulos and I. Lopes, Int. J. Mod. Phys. D **27**, no.09, 1850093 (2018) doi:10.1142/S02182718185009 [arXiv:1804.05023 [gr-qc]].

(24) I. Lopes and G. Panotopoulos, Phys. Rev. D **97**, no.2, 024030 (2018) doi:10.1103/PhysRevD.97.024030 [arXiv:1801.05031 [gr-qc]].

(25) S. H. Hendi, G. H. Bordbar, B. Eslam Panah and S. Panahiyan, JCAP **07**, 004 (2017) doi:10.1088/1475-7516/2017/07/004 [arXiv:1701.01039 [gr-qc]].

(26) V. Paschalidis and N. Stergioulas, Living Rev. Rel. **20**, no.1, 7 (2017) doi:10.1007/s41114-017-0008-x [arXiv:1612.03050 [astro-ph.HE]].

(27) J. P. S. Lemos and P. Pani, doi:10.1142/9789813226609_0024 [arXiv:1608.08360 [gr-qc]].

(28) K. Yagi and N. Yunes, Phys. Rept. **681**, 1-72 (2017) doi:10.1016/j.physrep.2017.03.002 [arXiv:1608.02582 [gr-qc]].

(29) A. Parisi, "Torsional Oscillations in Quark Stars," PhD thesis, L'Aquila University and Gran Sasso National Laboratory (LNGS) (2016)

(30) G. H. Bordbar, S. H. Hendi and B. Eslam Panah, Eur. Phys. J. Plus **131**, no.9, 315 (2016) doi:10.1140/epjp/i2016-16315-0 [arXiv:1502.02929 [gr-qc]].

A.76. B. Kleihaus, J. Kunz and **S. S. Yazadjiev**, "Scalarized Hairy Black Holes," Phys. Lett. B **744**, 406 (2015)

[arXiv:1503.01672 [gr-qc]].

Забелязани независими цитати:

(1) X. P. Rao, H. Huang and J. Yang, [arXiv:2403.11770 [gr-qc]].

(2) S. Hod, Phys. Rev. D **109**, no.6, 064074 (2024) doi:10.1103/PhysRevD.109.064074 [arXiv:2401.07907 [gr-qc]].

(3) A. Bakopoulos, N. Chatzifotis and T. Nakas, [arXiv:2312.17198 [gr-qc]].

(4) S. Hod, Phys. Rev. D **108**, no.12, 124028 (2023) doi:10.1103/PhysRevD.108.124028

(5) A. Bakopoulos and T. Nakas, Phys. Rev. D **107**, no.12, 124035 (2023) doi:10.1103/PhysRevD.107.124035 [arXiv:2303.09116 [gr-qc]].

(6) G. García, E. Gourgoulhon, P. Grandclément and M. Salgado, Phys. Rev. D **107**, no.8, 084047 (2023) doi:10.1103/PhysRevD.107.084047 [arXiv:2302.06659 [gr-qc]].

(7) M. Abu-Saleem and A. Taani, Axioms **11**, no.12, 745 (2022) doi:10.3390/axioms11120745

(8) Y. Liu, C. Y. Zhang, W. L. Qian, K. Lin and B. Wang, JHEP **01**, 074 (2023) doi:10.1007/JHEP01(2023)074 [arXiv:2206.05012 [gr-qc]].

(9) A. Marrani, O. Miskovic and P. Q. Leon, JHEP **07**, 100 (2022) doi:10.1007/JHEP07(2022)100 [arXiv:2203.14388 [hep-th]].

(10) J. F. M. Delgado, [arXiv:2204.02419 [gr-qc]].

(11) S. Hod, Phys. Rev. D **104**, no.10, 104041 (2021) doi:10.1103/PhysRevD.104.104041 [arXiv:2202.00688 [gr-qc]].

(12) A. Bakopoulos and T. Nakas, JHEP **04**, 096 (2022) doi:10.1007/JHEP04(2022)096 [arXiv:2107.05656 [gr-qc]].

(13) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(14) S. Hod, Phys. Rev. D **103**, no.8, 084003 (2021) doi:10.1103/PhysRevD.103.084003 [arXiv:2102.02215 [gr-qc]].

(15) C. A. R. Herdeiro,, I. Perapechka, E. Radu and Y. Shnir, Phys. Rev. D **103**, no.6, 065009 (2021) doi:10.1103/PhysRevD.103.065009 [arXiv:2101.06442 [gr-qc]].

(16) A. Herrera-Aguilar, D. F. Higuita-Borja and J. A. Méndez-Zavaleta, Phys. Rev. D **103**, no.12, 124025 (2021) doi:10.1103/PhysRevD.103.124025 [arXiv:2012.13412 [hep-th]].

(17) M. Khodadi, A. Allahyari, S. Vagnozzi and D. F. Mota, JCAP **09**, 026 (2020) doi:10.1088/1475-7516/2020/09/026 [arXiv:2005.05992 [gr-qc]].

(18) J. F. M. Delgado, C. A. R. Herdeiro and E. Radu, JCAP **06**, 037 (2020) doi:10.1088/1475-7516/2020/06/037 [arXiv:2005.05982 [gr-qc]].

(19) J. Kunz, I. Perapechka and Y. Shnir, JHEP **07**, 109 (2019) doi:10.1007/JHEP07(2019)109 [arXiv:1904.13379 [gr-qc]].

(20) J. F. M. Delgado, C. A. R. Herdeiro and E. Radu, Phys. Lett. B **792**, 436-444 (2019) doi:10.1016/j.physletb.2019.04.009 [arXiv:1903.01488 [gr-qc]].

(21) G. Tokgöz, [arXiv:1902.06150 [gr-qc]].

(22) S. Hod, Eur. Phys. J. C **79**, no.1, 26 (2019) doi:10.1140/epjc/s10052-019-6546-5 [arXiv:2008.13384 [gr-qc]].

(23) C. A. R. Herdeiro and E. Radu, Phys. Rev. D **99**, no.8, 084039 (2019) doi:10.1103/PhysRevD.99.084039 [arXiv:1901.02953 [gr-qc]].

(24) S. Hod, Eur. Phys. J. C **78**, no.11, 935 (2018) doi:10.1140/epjc/s10052-018-6422-8 [arXiv:1812.01014 [gr-qc]].

(25) C. Herdeiro, I. Perapechka, E. Radu and Y. Shnir, JHEP **10**, 119 (2018) doi:10.1007/JHEP10(2018)119 [arXiv:1808.05388 [gr-qc]].

(26) J. F. M. Delgado, C. A. R. Herdeiro and E. Radu, Phys. Rev. D **97**, no.12, 124012 (2018) doi:10.1103/PhysRevD.97.124012 [arXiv:1804.04910 [gr-qc]].

(27) C. A. R. Herdeiro and E. Radu, Int. J. Mod. Phys. D **27**, no.11, 1843009 (2018) doi:10.1142/S0218271818430095 [arXiv:1803.08149 [gr-qc]].

(28) S. Hod, Phys. Lett. B **778**, 239-241 (2018) doi:10.1016/j.physletb.2018.01.036 [arXiv:1902.05230 [gr-qc]].

(29) J. C. Degollado, C. A. R. Herdeiro and E. Radu, Phys. Lett. B **781**, 651-655 (2018) doi:10.1016/j.physletb.2018.04.052 [arXiv:1802.07266 [gr-qc]].

(30) S. Hod, Eur. Phys. J. C **78**, no.3, 173 (2018) doi:10.1140/epjc/s10052-018-5654-y [arXiv:1801.02801 [hep-th]].

(31) S. Hod, Phys. Rev. D **96**, no.12, 124037 (2017) doi:10.1103/PhysRevD.96.124037 [arXiv:2002.05903 [gr-qc]].

(32) S. Hod, Eur. Phys. J. C **77**, no.12, 899 (2017) doi:10.1140/epjc/s10052-017-5469-2 [arXiv:1807.06225 [gr-qc]].

(33) S. Hod, Phys. Lett. B **774**, 582 (2017) doi:10.1016/j.physletb.2017.10.022 [arXiv:1708.09399 [hep-th]].

(34) H. R. C. Ferreira and C. A. R. Herdeiro, Phys. Lett. B **773**, 129-134 (2017) doi:10.1016/j.physletb.2017.08.01 [arXiv:1707.08133 [gr-qc]].

(35) S. Hod, Phys. Rev. D **96**, no.2, 024019 (2017) doi:10.1103/PhysRevD.96.024019 [arXiv:1709.01933 [gr-qc]].

(36) S. Hod, Phys. Lett. B **770**, 186-192 (2017) doi:10.1016/j.physletb.2017.04.065 [arXiv:1803.07093 [gr-qc]].

(37) C. A. R. Herdeiro and E. Radu, Phys. Rev. Lett. **119**, no.26, 261101 (2017) doi:10.1103/PhysRevLett.119.26 [arXiv:1706.06597 [gr-qc]].

(38) S. Hod, Eur. Phys. J. C **77**, no.5, 351 (2017) doi:10.1140/epjc/s10052-017-4920-8 [arXiv:1705.04726 [hep-th]].

(39) S. Hod, JHEP **06**, 132 (2017) doi:10.1007/JHEP06(2017)132 [arXiv:1704.05856 [hep-th]].

(40) S. Hod, Phys. Lett. B **773**, 208-212 (2017) doi:10.1016/j.physletb.2017.08.033 [arXiv:2005.03489 [gr-qc]].

(41) S. Hod, Phys. Lett. B **771**, 521-523 (2017) doi:10.1016/j.physletb.2017.06.005 [arXiv:1911.08371 [gr-qc]].

(42) H. F. Rúnarsson, "Kerr black holes with scalar and Proca hair," PhD thesis, Aveiro U.(2017)

(43) S. Hod, JHEP **01**, 030 (2017) doi:10.1007/JHEP01(2017)030 [arXiv:1612.00014 [hep-th]].

(44) N. Franchini, P. Pani, A. Maselli, L. Gualtieri, C. A. R. Herdeiro, E. Radu and V. Ferrari, Phys. Rev. D **95**, no.12, 124025 (2017) doi:10.1103/PhysRevD.95.124025 [arXiv:1612.00038 [astro-ph.HE]].

(45) N. Sanchis-Gual, J. C. Degollado, J. A. Font, C. Herdeiro and E. Radu, Class. Quant. Grav. **34**, no.16, 165001 (2017) doi:10.1088/1361-6382/aa7d1f [arXiv:1611.02441 [gr-qc]].

(46) I. Sakalli and G. Tokgoz, Class. Quant. Grav. **34**, no.12, 125007 (2017) doi:10.1088/1361-6382/aa6858 [arXiv:1610.09329 [gr-qc]].

(47) P. V. P. Cunha, J. Grover, C. Herdeiro, E. Radu, H. Runarsson and A. Wittig, Phys. Rev. D **94**, no.10, 104023 (2016) doi:10.1103/PhysRevD.94.104023 [arXiv:1609.01340 [gr-qc]].

(48) S. Bedic, "Kosa crnih rupa, " thesis, SVEUCILISTE U ZAGREBU PRIRODOSLOVNO-MATEMATICKI FAKULTET (2016)

(49) S. Hod, Phys. Rev. D **94**, no.4, 044036 (2016) doi:10.1103/PhysRevD.94.044036 [arXiv:1609.07146 [gr-qc]].

(50) J. F. M. Delgado, C. A. R. Herdeiro, E. Radu and H. Runarsson, Phys. Lett. B **761**, 234-241 (2016) doi:10.1016/j.physletb.2016.08.032 [arXiv:1608.00631 [gr-qc]].

(51) Y. Ni, J. Jiang and C. Bambi, JCAP **09**, 014 (2016) doi:10.1088/1475-7516/2016/09/014 [arXiv:1607.04893 [gr-qc]].

(52) V. Cardoso and L. Gualtieri, Class. Quant. Grav. **33**, no.17, 174001 (2016) doi:10.1088/0264-9381/33/17/174001 [arXiv:1607.03133 [gr-qc]].

(53) Y. Ni, M. Zhou, A. Cardenas-Avendano, C. Bambi, C. A. R. Herdeiro and E. Radu, JCAP **07**, 049 (2016) doi:10.1088/1475-7516/2016/07/049 [arXiv:1606.04654 [gr-qc]].

(54) F. H. Vincent, E. Gourgoulhon, C. Herdeiro and E. Radu, Phys. Rev. D **94**, no.8, 084045 (2016) doi:10.1103/PhysRevD.94.084045 [arXiv:1606.04246 [gr-qc]].

(55) Y. Brihaye, C. Herdeiro and E. Radu, Phys. Lett. B **760**, 279-287 (2016) doi:10.1016/j.physletb.2016.06.078 [arXiv:1605.08901 [gr-qc]].

(56) C. A. R. Herdeiro, E. Radu and H. F. Rúnarsson, Int. J. Mod. Phys. D **25**, no.09, 1641014 (2016) doi:10.1142/S0218271816410145 [arXiv:1604.06202 [gr-qc]].

(57) Y. Brihaye, A. Cisterna and C. Erices, Phys. Rev. D **93**, no.12, 124057 (2016) doi:10.1103/PhysRevD.93.124 [arXiv:1604.02121 [hep-th]].

(58) N. Yunes, K. Yagi and F. Pretorius, Phys. Rev. D **94**, no.8, 084002 (2016) doi:10.1103/PhysRevD.94.084002 [arXiv:1603.08955 [gr-qc]].

(59) E. Berti, V. Cardoso, L. C. B. Crispino, L. Gualtieri, C. Herdeiro and U. Sperhake, Int. J. Mod. Phys. D **25**, no.09, 1641022 (2016) doi:10.1142/S0218271816410224 [arXiv:1603.06146 [gr-qc]].

(60) C. Herdeiro, E. Radu and H. Rúnarsson, Class. Quant. Grav. **33**, no.15, 154001 (2016) doi:10.1088/0264-9381/33/15/154001 [arXiv:1603.02687 [gr-qc]].

(61) C. A. R. Herdeiro, E. Radu and H. Rúnarsson, Phys. Rev. D **92**, no.8, 084059 (2015) doi:10.1103/PhysRevD.92.084059 [arXiv:1509.02923 [gr-qc]].

(62) C. A. R. Herdeiro and E. Radu, Int. J. Mod. Phys. D **24**, no.12, 1544022 (2015) doi:10.1142/S0218271815440228 [arXiv:1505.04189 [gr-qc]].

(63) C. Herdeiro. P. Cunha, "Buracos negros com cabelo e as suas sombras, " Numero 73, 91 (Dezembro 2015)

(64) C. A. R. Herdeiro and E. Radu, Int. J. Mod. Phys. D **24**, no.09, 1542014 (2015) doi:10.1142/S0218271815420146 [arXiv:1504.08209 [gr-qc]].

(65) S. L. Liebling and C. Palenzuela, Living Rev. Rel. **26**, no.1, 1 (2023) doi:10.1007/s41114-023-00043-4 [arXiv:1202.5809 [gr-qc]].

A.77. **S. S. Yazadjiev**, "Uniqueness of the static spacetimes with a photon sphere in Einstein-scalar field theory," Phys. Rev. D **91**, no. 12, 123013 (2015)

[arXiv:1501.06837 [gr-qc]].

Забелязани независими цитати:

(1) I. Bogush, K. Kobialko and D. Gal'tsov, Eur. Phys. J. C **84**, no.4, 387 (2024) doi:10.1140/epjc/s10052-024-12751-4 [arXiv:2402.03266 [gr-qc]].

(2) M. Rogatko, Phys. Rev. D **109**, no.2, 024056 (2024) doi:10.1103/PhysRevD.109.024056 [arXiv:2401.14116 [gr-qc]].

(3) K. Kobialko, I. Bogush and D. Gal'tsov, Phys. Rev. D **109**, no.2, 024060 (2024) doi:10.1103/PhysRevD.109.0 [arXiv:2312.07498 [gr-qc]].

(4) C. Cederbaum, S. Jahns and O. V. Martínez, [arXiv:2311.17509 [gr-qc]].

(5) P. Nedkova, Lect. Notes Phys. **1022**, 67-99 (2023) doi:10.1007/978-3-031-42096-2_3

(6) KV Kobialko, DV Gal'tsov , Proceedings of the Sixteenth Marcel Grossmann Meeting, pp. 3874-3884 (2023)

(7) H. Yoshino, [arXiv:2309.14318 [gr-qc]].

(8) I. Bogush, K. Kobialko and D. Gal'tsov, Phys. Rev. D **108**, no.4, 044070 (2023) doi:10.1103/PhysRevD.108.0

(9) I. Bogush, K. Kobialko and D. Gal'tsov, [arXiv:2306.12888 [gr-qc]].

(10) T. Cruz and I. Nunes, Proc. Am. Math. Soc. **151**, no.11, 4971-4982 (2023) doi:10.1090/proc/16497 [arXiv:2209.01263 [math.DG]].

(11) K. Kobialko, I. Bogush and D. Gal'tsov, Phys. Rev. D **106**, no.8, 084032 (2022) doi:10.1103/PhysRevD.106.0 [arXiv:2208.02690 [gr-qc]].

(12) K. Kobialko, I. Bogush and D. Gal'tsov, Phys. Rev. D **106**, no.2, 024006 (2022) doi:10.1103/PhysRevD.106.0 [arXiv:2202.09126 [gr-qc]].

(13) К. Кобялко, "Геометрический подход к теории фотонных многообразий в гравитационных полях" Дисератация, Московский государственный университет имени М. В. Ломоносова (2022)

(14) Y. Koga, N. Asaka, M. Kimura and K. Okabayashi, Phys. Rev. D **105**, no.10, 104040 (2022) doi:10.1103/PhysRevD.105.104040 [arXiv:2202.00201 [gr-qc]].

(15) K. Kobialko and D. Gal'tsov, doi:10.1142/9789811269776_0322 [arXiv:2110.04610 [gr-qc]].

(16) K. V. Kobyalko and D. V. Gal'tsov, Teor. Mat. Fiz. **208**, no.3, 495-521 (2021) doi:10.1134/S00405779210900

(17) V. Perlick and O. Y. Tsupko, Phys. Rept. **947**, 1-39 (2022) doi:10.1016/j.physrep.2021.10.004 [arXiv:2105.07101 [gr-qc]].

(18) Y. Koga , "Photon Surface and Relevant Phenomena, " PhD Thesis, Department of Physics, Graduate School of Science, Rikkyo University (2021)

(19) K. Kobialko, I. Bogush and D. Gal'tsov, Phys. Rev. D **104**, no.4, 044009 (2021) doi:10.1103/PhysRevD.104.0 [arXiv:2104.02167 [gr-qc]].

(20) Y. Koga, T. Igata and K. Nakashi, Phys. Rev. D **103**, no.4, 044003 (2021) doi:10.1103/PhysRevD.103.044003 [arXiv:2011.10234 [gr-qc]].

(21) Y. Koga, Phys. Rev. D **101**, no.10, 104022 (2020) doi:10.1103/PhysRevD.101.104022 [arXiv:2003.10859 [gr-qc]].

(22) K. V. Kobialko and D. V. Gal'tsov, Eur. Phys. J. C **80**, no.6, 527 (2020) doi:10.1140/epjc/s10052-020-8070-z [arXiv:2002.04280 [gr-qc]].

(23) C. Cederbaum and G. J. Galloway, J. Math. Phys. **62**, no.3, 032504 (2021) doi:10.1063/5.0031280 [arXiv:1910.04220 [math.DG]].

(24) H. Yoshino, K. Izumi, T. Shiromizu and Y. Tomikawa, PTEP **2020**, no.2, 023E02 (2020) doi:10.1093/ptep/ptz161 [arXiv:1909.08420 [gr-qc]].

(25) M. Bugden, Class. Quant. Grav. **37**, no.1, 015001 (2020) doi:10.1088/1361-6382/ab5493 [arXiv:1909.07298 [gr-qc]].

(26) D. V. Gal'tsov and K. V. Kobialko, Phys. Rev. D **100**, no.10, 104005 (2019) doi:10.1103/PhysRevD.100.1040 [arXiv:1906.12065 [gr-qc]].

(27) C. Cederbaum and S. Jahns, Gen. Rel. Grav. **51**, no.6, 79 (2019) [erratum: Gen. Rel. Grav. **51**, no.11, 154 (2019)] doi:10.1007/s10714-019-2561-y [arXiv:1904.00916 [math.DG]].

(28) D. V. Gal'tsov and K. V. Kobialko, Phys. Rev. D **99**, no.8, 084043 (2019) doi:10.1103/PhysRevD.99.084043 [arXiv:1901.02785 [gr-qc]].

(29) M. Rogatko, Phys. Rev. D **97**, no.2, 024001 (2018) doi:10.1103/PhysRevD.97.024001 [arXiv:1801.01987 [hep-th]].

(30) A. A. Shoom, Phys. Rev. D **96**, no.8, 084056 (2017) doi:10.1103/PhysRevD.96.084056 [arXiv:1708.00019 [gr-qc]].

(31) H. Yoshino, K. Izumi, T. Shiromizu and Y. Tomikawa, PTEP **2017**, no.6, 063E01 (2017) doi:10.1093/ptep/ptx072 [arXiv:1704.04637 [gr-qc]].

(32) K. Izumi, PoS **KMI2017**, 030 (2017) doi:10.22323/1.294.0030

(33) Y. Tomikawa, T. Shiromizu and K. Izumi, Class. Quant. Grav. **34**, no.15, 155004 (2017) doi:10.1088/1361-6382/aa7906 [arXiv:1702.05682 [gr-qc]].

(34) M. Rogatko, [arXiv:1701.07643 [hep-th]].

(35) Y. Tomikawa, T. Shiromizu and K. Izumi, PTEP **2017**, no.3, 033E03 (2017) doi:10.1093/ptep/ptx033 [arXiv:1612.01228 [gr-qc]].

(36) G. W. Gibbons and C. M. Warnick, Phys. Lett. B **763**, 169-173 (2016) doi:10.1016/j.physletb.2016.10.033 [arXiv:1609.01673 [gr-qc]].

(37) H. Yoshino, Phys. Rev. D **95**, no.4, 044047 (2017) doi:10.1103/PhysRevD.95.044047 [arXiv:1607.07133 [gr-qc]].

(38) M. Rogatko, Phys. Rev. D **93**, no.6, 064003 (2016) doi:10.1103/PhysRevD.93.064003 [arXiv:1602.03270 [hep-th]].

(39) C. Cederbaum and G. J. Galloway, Class. Quant. Grav. **33**, 075006 (2016) doi:10.1088/0264-9381/33/7/075006 [arXiv:1508.00355 [math.DG]].

(40) C. Cederbaum and G. J. Galloway, Commun. Anal. Geom. **25**, no.2, 303-320 (2017) doi:10.4310/CAG.2017.v25.n2.a2 [arXiv:1504.05804 [math.DG]].

(41) G. Z. Babar, M. Jamil and Y. K. Lim, Int. J. Mod. Phys. D **25**, no.02, 1650024 (2015) doi:10.1142/S0218271816500243 [arXiv:1504.00072 [gr-qc]].

(42) C. Cederbaum, Photon sphere uniqueness and the static n-body problem, Oberwolfach Reports,bf p.5 (2015)

A.78. **S. S. Yazadjiev**, D. D. Doneva and K. D. Kokkotas, "Rapidly rotating neutron stars in R-squared gravity," Phys. Rev. D **91**, no. 8, 084018 (2015)

[arXiv:1501.04591 [gr-qc]].

Забелязани независими цитати:

(1) A. Malik, M. R. Bashir, M. Ahmad, A. Jabeen and M. F. Shamir, Int. J. Geom. Meth. Mod. Phys. **21**, no.05, 2450099 (2024) doi:10.1142/S0219887824500993

(2) O. Schön, doi:10.15496/publikation-90502

(3) A. Malik, T. Naz, F. Mofarreh and A. Shazadi, Int. J. Geom. Meth. Mod. Phys. **21**, no.04, 2450086 (2024) doi:10.1142/S0219887824500865

(4) M. Bandyopadhyay and R. Biswas, Int. J. Geom. Meth. Mod. Phys. **21**, no.05, 2450097 (2024) doi:10.1142/S021988782450097X

(5) P. Bhar, A. Errehymy and S. Ray, Eur. Phys. J. C **83**, no.12, 1151 (2023) doi:10.1140/epjc/s10052-023-12340-x

(6) K. P. Das, U. Debnath, A. Ashraf and M. Khurana, Phys. Dark Univ. **43**, 101398 (2024) doi:10.1016/j.dark.2023.101398

(7) I. Noureen, A. Raza and S. A. Mardan, Eur. Phys. J. C **83**, no.11, 1055 (2023) doi:10.1140/epjc/s10052-023-12214-2

(8) M. Adeel, M. Zeeshan Gul, S. Rani and A. Jawad, Mod. Phys. Lett. A **38**, no.34n35, 2350152 (2023) doi:10.1142/S0217732323501523

(9) S. Chowdhury, [arXiv:2310.17553 [gr-qc]].

(10) D. Bhattacharjee and P. K. Chattopadhyay, Eur. Phys. J. C **84**, no.1, 77 (2024) doi:10.1140/epjc/s10052-024-12449-7 [arXiv:2310.07391 [gr-qc]].

(11) M. Sharif and S. Naz, Mod. Phys. Lett. A **38**, no.26n27, 2350123 (2023) doi:10.1142/S0217732323501237 [arXiv:2310.06877 [gr-qc]].

(12) J. C. N. de Araujo and H. G. M. Fortes, Eur. Phys. J. C **83**, no.12, 1168 (2023) doi:10.1140/epjc/s10052-023-12342-9 [arXiv:2308.00627 [gr-qc]].

(13) J. M. Z. Pretel, S. E. Jorás, R. R. R. Reis, S. B. Duarte and J. D. V. Arbañil, Phys. Dark Univ. **43**, 101394 (2024) doi:10.1016/j.dark.2023.101394 [arXiv:2308.00203 [gr-qc]].

(14) G. G. L. Nashed and W. El Hanafy, JCAP **09**, 038 (2023) doi:10.1088/1475-7516/2023/09/038 [arXiv:2306.13396 [gr-qc]].

(15) Y. Kehal, K. Nouicer and H. Boumaza, JCAP **05**, 057 (2024) doi:10.1088/1475-7516/2024/05/057 [arXiv:2305.12155 [gr-qc]].

(16) M. Zubair, H. Azmat, E. Gudekli, A. Alhowaity and H. Hamam, New Astron. **100**, 101996 (2023) doi:10.1016/j.newast.2022.101996

(17) A. Banerjee, T. Tangphati and A. Pradhan, Int. J. Mod. Phys. D **32**, no.05, 2350026 (2023) doi:10.1142/S0218271823500268

(18) A. B. Tudeshki, G. H. Bordbar and B. Eslam Panah, Phys. Dark Univ. **42**, 101354 (2023) doi:10.1016/j.dark.2023.101354 [arXiv:2303.04813 [gr-qc]].

(19) M. Bandyopadhyay and R. Biswas, Int. J. Mod. Phys. D **32**, no.03, 2350006 (2023) doi:10.1142/S0218271823500062

(20) P. Moraes, "Alternative gravity neutron stars in the gravitational wave era", New Phenomena And New States Of Matter In The Universe: From quarks to cosmos, (2023); $http://doi.org./10.1142/9789811220913_0007$

(21) A. Siddiqa, G. Abbas, A. Waseem, A. Aleem and H. R. Kausar, Int. J. Geom. Meth. Mod. Phys. **20**, no.04, 2350068 (2023) doi:10.1142/S0219887823500688

(22) A. Malik, Z. Yousaf, M. Jan, M. R. Shahzad and Z. Akram, Int. J. Geom. Meth. Mod. Phys. **20**, no.04, 2350061 (2023) doi:10.1142/S0219887823500615

(23) A. R. Athar, M. Ilyas and B. Masud, Int. J. Geom. Meth. Mod. Phys. **20**, no.01, 2350003 (2023) doi:10.1142/S0219887823500032

(24) F. M. da Silva, L. C. N. Santos, C. E. Mota, T. O. F. da Costa and J. C. Fabris, Eur. Phys. J. C **83**, no.4, 295 (2023) doi:10.1140/epjc/s10052-023-11466-2 [arXiv:2206.08469 [gr-qc]].

(25) G. G. L. Nashed and S. Nojiri, Fortsch. Phys. **71**, no.2-3, 2200091 (2023) doi:10.1002/prop.202200091 [arXiv:2206.04836 [gr-qc]].

(26) K. Polychronis, "Equation of state of nuclear matter with applications to rapid rotating neutron stars, " PhD thesis, Aristotle University of Thessaloniki (2023)

(27) M. Nava-Callejas, D. Page and M. V. Beznogov, Phys. Rev. D **107**, no.10, 104057 (2023) doi:10.1103/PhysRevD.107.104057 [arXiv:2206.06132 [gr-qc]].

(28) H. Azmat and M. Zubair, Phys. Dark Univ. **37**, 101049 (2022) doi:10.1016/j.dark.2022.101049

(29) J. Kunz, Lect. Notes Phys. **1017**, 293-313 (2023) doi:10.1007/978-3-031-31520-6_7 [arXiv:2204.12520 [gr-qc]].

(30) W. U. Rahman, M. Ilyas, Z. Yousaf, S. Ullah, F. Khan and R. khan, Int. J. Geom. Meth. Mod. Phys. **19**, no.08, 2250126 (2022) doi:10.1142/S0219887822501262 [arXiv:2203.08814 [gr-qc]].

(31) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Universe **8**, no.3, 153 (2022) doi:10.3390/universe8030153 [arXiv:2204.04984 [gr-qc]].

(32) P. Bhar, P. Rej and M. Zubair, Chin. J. Phys. **77**, 2201-2212 (2022) doi:10.1016/j.cjph.2021.11.013 [arXiv:2112.07581 [gr-qc]].

(33) S. K. Maurya, K. N. Singh and R. Nag, Chin. J. Phys. **74**, 313-327 (2021) doi:10.1016/j.cjph.2021.07.010

(34) J. L. Blázquez-Salcedo, F. S. Khoo, J. Kunz and V. Preut, Front. in Phys. **9**, 741427 (2021) doi:10.3389/fphy.2021.741427 [arXiv:2107.06726 [gr-qc]].

(35) R. V. Lobato, G. A. Carvalho and C. A. Bertulani, Eur. Phys. J. C **81**, no.11, 1013 (2021) doi:10.1140/epjc/s10052-021-09785-3 [arXiv:2106.01841 [gr-qc]].

(36) G. G. L. Nashed and S. Capozziello, Eur. Phys. J. C **81**, no.5, 481 (2021) doi:10.1140/epjc/s10052-021-09273-8 [arXiv:2105.11975 [gr-qc]].

(37) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(38) G. Panotopoulos, T. Tangphati, A. Banerjee and M. K. Jasim, Phys. Lett. B **817**, 136330 (2021) doi:10.1016/j.physletb.2021.136330 [arXiv:2104.00590 [gr-qc]].

(39) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, doi:10.1007/978-3-030-83715-0_22

(40) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(41) G. G. L. Nashed and S. Nojiri, Phys. Rev. D **102**, 124022 (2020) doi:10.1103/PhysRevD.102.124022 [arXiv:2012.05711 [gr-qc]].

(42) J. M. Z. Pretel, S. E. Jorás, R. R. R. Reis and J. D. V. Arbañil, JCAP **04**, 064 (2021) doi:10.1088/1475-7516/2021/04/064 [arXiv:2012.03342 [gr-qc]].

(43) F. M. da Silva, L. C. N. Santos and C. C. Barros, Class. Quant. Grav. **38**, no.16, 165011 (2021) doi:10.1088/1361-6382/ac129d [arXiv:2010.00086 [astro-ph.HE]].

(44) S. Smerechynskyi, M. Tsizh and B. Novosyadlyj, JCAP **02**, 045 (2021) doi:10.1088/1475-7516/2021/02/045 [arXiv:2009.14612 [astro-ph.HE]].

(45) G. Mustafa and T. C. Xia, Int. J. Mod. Phys. A **35**, no.21, 2050109 (2020) doi:10.1142/S0217751X20501092

(46) J. L. Blázquez-Salcedo, F. Scen Khoo and J. Kunz, EPL **130**, no.5, 50002 (2020) doi:10.1209/0295-5075/130/50002 [arXiv:2001.09117 [gr-qc]].

(47) D. Pérez and G. E. Romero, doi:10.1142/9789813277342_0002 [arXiv:2001.00863 [gr-qc]].

(48) T. Mahala, S. Biswal and D. Behera, Afr. Rev. Phys. **15**, 0012 (2020)

(49) S. Zia, "Some Exact Solutions and Physical Attributes of Compact Stars in f(R,G) Gravity," National University of Computer and Emerging Sciences, Islamabad (2020)

(50) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0 [arXiv:1912.05202 [gr-qc]].

(51) S. K. Maurya and F. Tello-Ortiz, Phys. Dark Univ. **27**, 100442 (2020) doi:10.1016/j.dark.2019.100442 [arXiv:1905.13519 [gr-qc]].

(52) P. S. Koliogiannis and C. C. Moustakidis, Phys. Rev. C **101**, no.1, 015805 (2020) doi:10.1103/PhysRevC.101.015805 [arXiv:1907.13375 [nucl-th]].

(53) F. J. Llanes-Estrada and E. Lope-Oter, Prog. Part. Nucl. Phys. **109**, 103715 (2019) doi:10.1016/j.ppnp.2019.103715 [arXiv:1907.12760 [nucl-th]].

(54) F. Sbisà, P. O. Baqui, T. Miranda, S. E. Jorás and O. F. Piattella, Phys. Dark Univ. **27**, 100411 (2020) doi:10.1016/j.dark.2019.100411 [arXiv:1907.08714 [gr-qc]].

(55) S. K. Maurya and F. Tello-Ortiz, Annals Phys. **414**, 168070 (2020) doi:10.1016/j.aop.2020.168070 [arXiv:1906.11756 [gr-qc]].

(56) R. Kase and S. Tsujikawa, JCAP **09**, 054 (2019) doi:10.1088/1475-7516/2019/09/054 [arXiv:1906.08954 [gr-qc]].

(57) D. Sen, "Cold Dense Matter Phases and Neutron Star Structure in the Light of Recent Observations, " DEPARTMENT OF PHYSICS BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE,PILANI (2019)

(58) I. Lopes and G. Panotopoulos, Phys. Rev. D **99**, no.10, 103013 (2019) doi:10.1103/PhysRevD.99.103013

(59) D. Sen, Int. J. Mod. Phys. D **28**, no.09, 1950122 (2019) doi:10.1142/S0218271819501220 [arXiv:2008.06753 [nucl-th]].

(60) D. Sen, K. Banerjee and T. K. Jha, Int. J. Mod. Phys. E **27**, no.11, 1850097 (2019) doi:10.1142/S0218301318500970 [arXiv:1812.03529 [nucl-th]].

(61) M. Farasat Shamir and M. Ahmad, Mod. Phys. Lett. A **34**, no.05, 1950038 (2019) doi:10.1142/S021773231950038X [arXiv:1807.09103 [physics.gen-ph]].

(62) Z. Yousaf, M. Z. u. H. Bhatti and M. Ilyas, Eur. Phys. J. C **78**, no.4, 307 (2018) doi:10.1140/epjc/s10052-018-5797-x [arXiv:1804.04953 [physics.gen-ph]].

(63) I. Lopes and G. Panotopoulos, Phys. Rev. D **97**, no.2, 024030 (2018) doi:10.1103/PhysRevD.97.024030 [arXiv:1801.05031 [gr-qc]].

(64) G. Panotopoulos and I. Lopes, Phys. Rev. D **97**, no.2, 024025 (2018) doi:10.1103/PhysRevD.97.024025 [arXiv:1801.03387 [gr-qc]].

(65) S. Çıkıntoğlu, Phys. Rev. D **97**, no.4, 044040 (2018) doi:10.1103/PhysRevD.97.044040 [arXiv:1708.00345 [gr-qc]].

(66) S. Nojiri, S. D. Odintsov and V. K. Oikonomou, Phys. Rept. **692**, 1-104 (2017) doi:10.1016/j.physrep.2017.06 [arXiv:1705.11098 [gr-qc]].

(67) M. F. Shamir and M. Ahmad, Eur. Phys. J. C **77**, no.10, 674 (2017) doi:10.1140/epjc/s10052-017-5239-1 [arXiv:1705.06910 [gr-qc]].

(68) M. F. Shamir and S. Zia, Eur. Phys. J. C **77**, no.7, 448 (2017) doi:10.1140/epjc/s10052-017-5010-7 [arXiv:1705.06582 [physics.gen-ph]].

(69) A. V. Astashenok, S. D. Odintsov and A. de la Cruz-Dombriz, Class. Quant. Grav. **34**, no.20, 205008 (2017) doi:10.1088/1361-6382/aa8971 [arXiv:1704.08311 [gr-qc]].

(70) W. X. Feng, C. Q. Geng, W. F. Kao and L. W. Luo, Int. J. Mod. Phys. D **27**, no.01, 1750186 (2017) doi:10.1142/S0218271817501863 [arXiv:1702.05936 [gr-qc]].

(71) V. Paschalidis and N. Stergioulas, Living Rev. Rel. **20**, no.1, 7 (2017) doi:10.1007/s41114-017-0008-x [arXiv:1612.03050 [astro-ph.HE]].

(72) F. G. Lopez Armengol and G. E. Romero, Gen. Rel. Grav. **49**, no.2, 27 (2017) doi:10.1007/s10714-017-2184-0 [arXiv:1611.05721 [gr-qc]].

(73) F. A. Teppa Pannia, F. García, S. E. Perez Bergliaffa, M. Orellana and G. E. Romero, Gen. Rel. Grav. **49**, no.2, 25 (2017) doi:10.1007/s10714-016-2182-7 [arXiv:1607.03508 [gr-qc]].

(74) A. Parisi, "Torsional Oscillations in Quark Stars," PhD thesis, L'Aquila University and Gran Sasso National Laboratory (LNGS) (2016)

(75) A. V. Astashenok and S. D. Odintsov, Phys. Rev. D **94**, no.6, 063008 (2016) doi:10.1103/PhysRevD.94.06300 [arXiv:1512.07279 [gr-qc]].

(76) T. Katsuragawa, S. Nojiri, S. D. Odintsov and M. Yamazaki, Phys. Rev. D **93**, 124013 (2016) doi:10.1103/PhysRevD.93.124013 [arXiv:1512.00660 [gr-qc]].

(77) K. Yagi and N. Yunes, Phys. Rev. D **91**, no.12, 123008 (2015) doi:10.1103/PhysRevD.91.123008 [arXiv:1503.02726 [gr-qc]].

(78) G. H. Bordbar, S. H. Hendi and B. Eslam Panah, Eur. Phys. J. Plus **131**, no.9, 315 (2016) doi:10.1140/epjp/i2016-16315-0 [arXiv:1502.02929 [gr-qc]].

(79) E. Berti, E. Barausse, V. Cardoso, L. Gualtieri, P. Pani, U. Sperhake, L. C. Stein, N. Wex, K. Yagi and T. Baker, *et al.* Class. Quant. Grav. **32**, 243001 (2015) doi:10.1088/0264-9381/32/24/243001 [arXiv:1501.07274 [gr-qc]].

A.79. D. D. Doneva, **S. S. Yazadjiev**, K. V. Staykov and K. D. Kokkotas, "Universal I-Q relations for rapidly rotating neutron and strange stars in scalar-tensor theories," Phys. Rev. D **90**, no. 10, 104021 (2014)

[arXiv:1408.1641 [gr-qc]].

Забелязани независими цитати:

(1) O. Schön, doi:10.15496/publikation-90502

(2) M. Bandyopadhyay and R. Biswas, Int. J. Geom. Meth. Mod. Phys. **21**, no.05, 2450097 (2024) doi:10.1142/S021988782450097X

(3) K. Springmann, "How Light Scalars Change the Stellar Landscape," PhD thesis, Munich, Tech. U. (2023)

(4) R. Balkin, J. Serra, K. Springmann, S. Stelzl and A. Weiler, [arXiv:2307.14418 [hep-ph]].

(5) G. Papigkiotis and G. Pappas, Phys. Rev. D **107**, no.10, 103050 (2023) doi:10.1103/PhysRevD.107.103050 [arXiv:2303.04273 [astro-ph.HE]].

(6) A. Sedrakian, J. J. Li and F. Weber, Prog. Part. Nucl. Phys. **131**, 104041 (2023) doi:10.1016/j.ppnp.2023.104041 [arXiv:2212.01086 [nucl-th]].

(7) J. Soldateschi,

(8) N. K. Largani, T. Fischer, A. Sedrakian, M. Cierniak, D. E. Alvarez-Castillo and D. B. Blaschke, Mon. Not. Roy. Astron. Soc. **515**, no.3, 3539-3554 (2022) doi:10.1093/mnras/stac1916 [arXiv:2112.10439 [astro-ph.HE]].

(9) Z. Hu, Y. Gao, R. Xu and L. Shao, Phys. Rev. D **104**, no.10, 104014 (2021) doi:10.1103/PhysRevD.104.10401 [arXiv:2109.13453 [gr-qc]].

(10) E.-D. Smyrniotis, "Neutron star models in 4D Gauss-Bonnet gravity constructed with an iterative numerical method," thesis, Aristotle University of Thessaloniki (2021)

(11) M. Minamitsuji and S. Tsujikawa, Phys. Lett. B **820**, 136509 (2021) doi:10.1016/j.physletb.2021.136509 [arXiv:2105.14661 [gr-qc]].

(12) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(13) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(14) J. Soldateschi, N. Bucciantini and L. Del Zanna, Astron. Astrophys. **645**, A39 (2021) doi:10.1051/0004-6361/202038826 [arXiv:2010.14833 [astro-ph.HE]].

(15) R. Rosca-Mead, C. J. Moore, U. Sperhake, M. Agathos and D. Gerosa, Symmetry **12**, no.9, 1384 (2020) doi:10.3390/sym12091384 [arXiv:2007.14429 [gr-qc]].

(16) R. Kase, R. Kimura, S. Sato and S. Tsujikawa, Phys. Rev. D **102**, no.8, 084037 (2020) doi:10.1103/PhysRevD.102.084037 [arXiv:2007.09864 [gr-qc]].

(17) G. Urbancová, M. Urbanec, G. Török, Z. Stuchlík, M. Blaschke and J. C. Miller, Astrophys. J. **877**, no.2, 66 (2019) doi:10.3847/1538-4357/ab1b4c [arXiv:1905.00730 [astro-ph.HE]].

(18) G. A. Gonzalez, B. Kleihaus, J. Kunz and S. Mojica, Phys. Rev. D **99**, no.2, 024041 (2019) doi:10.1103/PhysRevD.99.024041 [arXiv:1812.02686 [gr-qc]].

(19) Z. Altaha Motahar, J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Phys. Rev. D **98**, no.4, 044032 (2018) doi:10.1103/PhysRevD.98.044032 [arXiv:1807.02598 [gr-qc]].

(20) B. Banihashemi and J. Vines, Phys. Rev. D **101**, no.6, 064003 (2020) doi:10.1103/PhysRevD.101.064003 [arXiv:1805.07266 [gr-qc]].

(21) X. Y. Chew, B. Kleihaus and J. Kunz, Phys. Rev. D **97**, no.6, 064026 (2018) doi:10.1103/PhysRevD.97.06402 [arXiv:1802.00365 [gr-qc]].

(22) T. Gupta, B. Majumder, K. Yagi and N. Yunes, Class. Quant. Grav. **35**, no.2, 025009 (2018) doi:10.1088/1361-6382/aa9c68 [arXiv:1710.07862 [gr-qc]].

(23) Z. Altaha Motahar, J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Phys. Rev. D **96**, no.6, 064046 (2017) doi:10.1103/PhysRevD.96.064046 [arXiv:1707.05280 [gr-qc]].

(24) H. O. d. Silva, "Compact Objects in Relativistic Theories of Gravity," PhD thesis, The University of Mississippi (2017) AAT-10279481.

(25) A. V. Astashenok, S. D. Odintsov and A. de la Cruz-Dombriz, Class. Quant. Grav. **34**, no.20, 205008 (2017) doi:10.1088/1361-6382/aa8971 [arXiv:1704.08311 [gr-qc]].

(26) A. Suvorov, Strong gravitational fields and radiation from neutron stars, PhD thesis, School of Physics The University of Melbourne (2017);

(27) V. Paschalidis and N. Stergioulas, Living Rev. Rel. **20**, no.1, 7 (2017) doi:10.1007/s41114-017-0008-x [arXiv:1612.03050 [astro-ph.HE]].

(28) G. Pappas, Mon. Not. Roy. Astron. Soc. **466**, no.4, 4381-4394 (2017) doi:10.1093/mnras/stx019 [arXiv:1610.05370 [gr-qc]].

(29) K. Yagi and N. Yunes, Phys. Rept. **681**, 1-72 (2017) doi:10.1016/j.physrep.2017.03.002 [arXiv:1608.02582 [gr-qc]].

(30) N. Uchikata, S. Yoshida and P. Pani, Phys. Rev. D **94**, no.6, 064015 (2016) doi:10.1103/PhysRevD.94.064015 [arXiv:1607.03593 [gr-qc]].

(31) M. Minamitsuji and H. O. Silva, Phys. Rev. D **93**, no.12, 124041 (2016) doi:10.1103/PhysRevD.93.124041 [arXiv:1604.07742 [gr-qc]].

(32) E. Berti, V. Cardoso, L. C. B. Crispino, L. Gualtieri, C. Herdeiro and U. Sperhake, Int. J. Mod. Phys. D **25**, no.09, 1641022 (2016) doi:10.1142/S0218271816410224 [arXiv:1603.06146 [gr-qc]].

(33) A. Maselli, PoS **MPCS2015**, 014 (2016) doi:10.22323/1.262.0014

(34) H. O. Silva, A. Maselli, M. Minamitsuji and E. Berti, Int. J. Mod. Phys. D **25**, no.09, 1641006 (2016) doi:10.1142/S0218271816410066 [arXiv:1602.05997 [gr-qc]].

(35) C. Breu and L. Rezzolla, Mon. Not. Roy. Astron. Soc. **459**, no.1, 646-656 (2016) doi:10.1093/mnras/stw575 [arXiv:1601.06083 [gr-qc]].

(36) B. Kleihaus, J. Kunz, S. Mojica and M. Zagermann, Phys. Rev. D **93**, no.6, 064077 (2016) doi:10.1103/PhysRevD.93.064077 [arXiv:1601.05583 [gr-qc]].

(37) K. Chatziioannou, "Spin-precessing compact binaries : gravitational wave modeling and information extraction," PhD thesis, MONTANA STATE UNIVERSITY Bozeman, Montana (2016)

(38) A. V. Astashenok and S. D. Odintsov, Phys. Rev. D **94**, no.6, 063008 (2016) doi:10.1103/PhysRevD.94.06300 [arXiv:1512.07279 [gr-qc]].

(39) T. K. Chan, A. P. O. Chan and P. T. Leung, Phys. Rev. D **93**, no.2, 024033 (2016) doi:10.1103/PhysRevD.93.024033 [arXiv:1511.08566 [gr-qc]].

(40) P. Pani, L. Gualtieri and V. Ferrari, Phys. Rev. D **92**, no.12, 124003 (2015) doi:10.1103/PhysRevD.92.124003 [arXiv:1509.02171 [gr-qc]].

(41) K. Chatziioannou, K. Yagi, A. Klein, N. Cornish and N. Yunes, Phys. Rev. D **92**, no.10, 104008 (2015) doi:10.1103/PhysRevD.92.104008 [arXiv:1508.02062 [gr-qc]].

(42) J. Bretz, K. Yagi and N. Yunes, Phys. Rev. D **92**, no.8, 083009 (2015) doi:10.1103/PhysRevD.92.083009 [arXiv:1507.02278 [gr-qc]].

(43) P. Pani, Phys. Rev. D **92**, no.12, 124030 (2015) [erratum: Phys. Rev. D **95**, no.4, 049902 (2017)] doi:10.1103/PhysRevD.95.049902 [arXiv:1506.06050 [gr-qc]].

(44) T. Delsate, Phys. Rev. D **92**, no.12, 124001 (2015) doi:10.1103/PhysRevD.92.124001 [arXiv:1504.07335 [gr-qc]].

(45) B. Majumder, K. Yagi and N. Yunes, Phys. Rev. D **92**, no.2, 024020 (2015) doi:10.1103/PhysRevD.92.024020 [arXiv:1504.02506 [gr-qc]].

(46) K. Yagi and N. Yunes, Phys. Rev. D **91**, no.12, 123008 (2015) doi:10.1103/PhysRevD.91.123008 [arXiv:1503.02726 [gr-qc]].

(47) E. Berti, E. Barausse, V. Cardoso, L. Gualtieri, P. Pani, U. Sperhake, L. C. Stein, N. Wex, K. Yagi and T. Baker, *et al.* Class. Quant. Grav. **32**, 243001 (2015) doi:10.1088/0264-9381/32/24/243001 [arXiv:1501.07274 [gr-qc]].

(48) C. F. B. Macedo, "Compact Objects in General Relativity and Beyond," PhD thesis, UNIVERSIDADE FEDERAL DO PARA (2015)

(49) K. Takami, L. Rezzolla and L. Baiotti, Phys. Rev. D **91**, no.6, 064001 (2015) doi:10.1103/PhysRevD.91.06400 [arXiv:1412.3240 [gr-qc]].

(50) G. Pappas and T. P. Sotiriou, Phys. Rev. D **91**, no.4, 044011 (2015) doi:10.1103/PhysRevD.91.044011 [arXiv:1412.3494 [gr-qc]].

(51) H. O. Silva, C. F. B. Macedo, E. Berti and L. C. B. Crispino, Class. Quant. Grav. **32**, 145008 (2015) doi:10.1088/0264-9381/32/14/145008 [arXiv:1411.6286 [gr-qc]].

(52) Y. H. Sham, T. K. Chan, L. M. Lin and P. T. Leung, Astrophys. J. **798**, no.2, 121 (2015) doi:10.1088/0004-637X/798/2/121 [arXiv:1410.8271 [gr-qc]].

(53) H. O. Silva, H. Sotani, E. Berti and M. Horbatsch, Phys. Rev. D **90**, no.12, 124044 (2014) doi:10.1103/PhysRevD.90.124044 [arXiv:1410.2511 [gr-qc]].

A.80. K. V. Staykov, D. D. Doneva, **S. S. Yazadjiev** and K. D. Kokkotas, "Slowly rotating neutron and strange stars in R^2 gravity," JCAP **1410**, 006 (2014)

[arXiv:1407.2180 [gr-qc]].

Забелязани независими цитати:

(1) P. Rej, [arXiv:2404.13538 [gr-qc]].

(2) A. Malik, M. Shamir, Eur. Phys. J. Plus (2024) 139:448; https://doi.org/10.1140/epjp/s13360-024-05259-z

(3) V. K. Oikonomou, Class. Quant. Grav. **41**, no.8, 085008 (2024) doi:10.1088/1361-6382/ad33cd [arXiv:2403.09818 [gr-qc]].

(4) P. Bhar, A. Malik and A. Almas, Chin. J. Phys. **88**, 839-856 (2024) doi:10.1016/j.cjph.2024.02.016

(5) O. Schön, doi:10.15496/publikation-90502

(6) M. Huidobro García, "Skyrme Neutron Stars," PhD thesis, U. Santiago de Compostela (2024)

(7) P. Bhar, A. Errehymy and S. Ray, Eur. Phys. J. C **83**, no.12, 1151 (2023) doi:10.1140/epjc/s10052-023-12340-x

(8) K. P. Das, U. Debnath, A. Ashraf and M. Khurana, Phys. Dark Univ. **43**, 101398 (2024) doi:10.1016/j.dark.2023.101398

(9) I. Noureen, A. Raza and S. A. Mardan, Eur. Phys. J. C **83**, no.11, 1055 (2023) doi:10.1140/epjc/s10052-023-12214-2

(10) R. F. Diedrichs, D. Schmitt and L. Sagunski, [arXiv:2311.04274 [gr-qc]].

(11) A. Majeed, H. Nazar and G. Abbas, Chin. J. Phys. **86**, 530-546 (2023) doi:10.1016/j.cjph.2023.10.038

(12) D. Bhattacharjee and P. K. Chattopadhyay, Eur. Phys. J. C **84**, no.1, 77 (2024) doi:10.1140/epjc/s10052-024-12449-7 [arXiv:2310.07391 [gr-qc]].

(13) M. Sharif and S. Naz, Mod. Phys. Lett. A **38**, no.26n27, 2350123 (2023) doi:10.1142/S0217732323501237 [arXiv:2310.06877 [gr-qc]].

(14) Y. Dong, Z. Hu, R. Xu and L. Shao, Phys. Rev. D **108**, no.10, 104039 (2023) doi:10.1103/PhysRevD.108.1040 [arXiv:2309.02871 [gr-qc]].

(15) J. C. N. de Araujo and H. G. M. Fortes, Eur. Phys. J. C **83**, no.12, 1168 (2023) doi:10.1140/epjc/s10052-023-12342-9 [arXiv:2308.00627 [gr-qc]].

(16) J. M. Z. Pretel, S. E. Jorás, R. R. R. Reis, S. B. Duarte and J. D. V. Arbañil, Phys. Dark Univ. **43**, 101394 (2024) doi:10.1016/j.dark.2023.101394 [arXiv:2308.00203 [gr-qc]].

(17) M. Ajmal and M. Z. Bhatti, Can. J. Phys. **101**, no.12, 728-738 (2023) doi:10.1139/cjp-2023-0102

(18) G. G. L. Nashed and W. El Hanafy, JCAP **09**, 038 (2023) doi:10.1088/1475-7516/2023/09/038 [arXiv:2306.13396 [gr-qc]].

(19) M. Murshid and M. Kalam, [arXiv:2306.13758 [gr-qc]].

(20) G. G. L. Nashed, Nucl. Phys. B **993**, 116264 (2023) doi:10.1016/j.nuclphysb.2023.116264 [arXiv:2307.03199 [gr-qc]].

(21) A. Malik, A. Tariq, S. A. Mardan and I. Noureen, Eur. Phys. J. Plus **138**, no.5, 418 (2023) doi:10.1140/epjp/s13360-023-03995-2

(22) S. D. Odintsov and V. K. Oikonomou, Phys. Rev. D **107**, no.10, 104039 (2023) doi:10.1103/PhysRevD.107.10 [arXiv:2305.05515 [gr-qc]].

(23) S. H. Yang, C. M. Pi, X. P. Zheng and F. Weber, Universe **9**, no.5, 202 (2023) doi:10.3390/universe9050202 [arXiv:2304.09614 [astro-ph.HE]].

(24) A. Ditta, X. Tiecheng, A. Errehymy, G. Mustafa and S. K. Maurya, Eur. Phys. J. C **83**, no.3, 254 (2023) doi:10.1140/epjc/s10052-023-11390-5

(25) A. Banerjee, T. Tangphati and A. Pradhan, Int. J. Mod. Phys. D **32**, no.05, 2350026 (2023) doi:10.1142/S0218271823500268

(26) V. K. Oikonomou, Class. Quant. Grav. **40**, no.8, 085005 (2023) doi:10.1088/1361-6382/acc2a7 [arXiv:2303.06270 [gr-qc]].

(27) A. B. Tudeshki, G. H. Bordbar and B. Eslam Panah, Phys. Dark Univ. **42**, 101354 (2023) doi:10.1016/j.dark.2023.101354 [arXiv:2303.04813 [gr-qc]].

(28) A. Errehymy, G. Mustafa, K. Newton Singh, S. K. Maurya, M. Daoud, H. I. Alrebdi and A. H. Abdel-Aty, New Astron. **99**, 101957 (2023) doi:10.1016/j.newast.2022.101957

(29) V. K. Oikonomou, Mon. Not. Roy. Astron. Soc. **520**, no.2, 2934-2941 (2023) doi:10.1093/mnras/stad326 [arXiv:2301.12136 [gr-qc]].

(30) M. Bandyopadhyay and R. Biswas, Int. J. Mod. Phys. D **32**, no.03, 2350006 (2023) doi:10.1142/S0218271823500062

(31) H. Azri and S. Nasri, Phys. Lett. B **836**, 137626 (2023) doi:10.1016/j.physletb.2022.137626 [arXiv:2212.05585 [gr-qc]].

(32) A. Malik, Z. Yousaf, M. Jan, M. R. Shahzad and Z. Akram, Int. J. Geom. Meth. Mod. Phys. **20**, no.04, 2350061 (2023) doi:10.1142/S0219887823500615

(33) J. M. Z. Pretel, Mod. Phys. Lett. A **37**, no.28, 2250188 (2022) doi:10.1142/S0217732322501887 [arXiv:2301.02881 [gr-qc]].

(34) S. D. Odintsov and V. K. Oikonomou, Int. J. Mod. Phys. D **32**, no.01, 2250135 (2023) doi:10.1142/S0218271822501358 [arXiv:2210.11351 [gr-qc]].

(35) A. Malik, M. Ahmad, B. Al Alwan and Z. Naeem, Can. J. Phys. **100**, no.10, 452-462 (2022) doi:10.1139/cjp-2021-0411

(36) J. Bora and U. D. Goswami, Phys. Dark Univ. **38**, 101132 (2022) doi:10.1016/j.dark.2022.101132 [arXiv:2207.12847 [gr-qc]].

(37) J. L. Blázquez-Salcedo, L. M. González-Romero, F. S. Khoo, J. Kunz and V. Preut, Front. Astron. Space Sci. **9**, 1005108 (2022) doi:10.3389/fspas.2022.1005108 [arXiv:2207.11370 [gr-qc]].

(38) M. Nava-Callejas, D. Page and M. V. Beznogov, Phys. Rev. D **107**, no.10, 104057 (2023) doi:10.1103/PhysRevD.107.104057 [arXiv:2206.06132 [gr-qc]].

(39) J. L. Blázquez-Salcedo, L. M. González-Romero, F. S. Khoo, J. Kunz and V. Preut, Phys. Rev. D **106**, no.4, 044007 (2022) doi:10.1103/PhysRevD.106.044007 [arXiv:2205.03283 [gr-qc]].

(40) J. Kunz, Lect. Notes Phys. **1017**, 293-313 (2023) doi:10.1007/978-3-031-31520-6_7 [arXiv:2204.12520 [gr-qc]].

(41) J. Bora, D. J. Gogoi and U. D. Goswami, JCAP **09**, 057 (2022) doi:10.1088/1475-7516/2022/09/057 [arXiv:2204.05473 [gr-qc]].

(42) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Universe **8**, no.3, 153 (2022) doi:10.3390/universe8030153 [arXiv:2204.04984 [gr-qc]].

(43) A. Malik, A. Ashraf, U. Naqvi and Z. Zhang, Int. J. Geom. Meth. Mod. Phys. **19**, no.05, 2250073 (2022) doi:10.1142/S0219887822500736

(44) T. Tangphati, I. Karar, A. Pradhan and A. Banerjee, Eur. Phys. J. C **82**, no.1, 57 (2022) doi:10.1140/epjc/s10052-022-10024-6

(45) V. K. Oikonomou, Symmetry **14**, 1 (2022) doi:10.3390/sym14010032 [arXiv:2112.10221 [gr-qc]].

(46) J. C. Jiménez, J. M. Z. Pretel, E. S. Fraga, S. E. Jorás and R. R. R. Reis, JCAP **07**, no.07, 017 (2022) doi:10.1088/1475-7516/2022/07/017 [arXiv:2112.09950 [gr-qc]].

(47) A. Malik, I. Ahmad and Kiran, Int. J. Geom. Meth. Mod. Phys. **19**, no.02, 2250028 (2022) doi:10.1142/S0219887822500281

(48) G. Panotopoulos, Á. Rincón and I. Lopes, Phys. Dark Univ. **34**, 100885 (2021) doi:10.1016/j.dark.2021.10088 [arXiv:2109.05619 [gr-qc]].

(49) H. Azri, K. Y. Ekşi, C. Karahan and S. Nasri, Phys. Rev. D **104**, no.6, 064049 (2021) doi:10.1103/PhysRevD.104.064049 [arXiv:2108.13460 [gr-qc]].

(50) V. K. Oikonomou, Class. Quant. Grav. **38**, no.17, 175005 (2021) doi:10.1088/1361-6382/ac161c [arXiv:2107.12430 [gr-qc]].

(51) J. L. Blázquez-Salcedo, F. S. Khoo, J. Kunz and V. Preut, Front. in Phys. **9**, 741427 (2021) doi:10.3389/fphy.2021.741427 [arXiv:2107.06726 [gr-qc]].

(52) R. V. Lobato, G. A. Carvalho and C. A. Bertulani, Eur. Phys. J. C **81**, no.11, 1013 (2021) doi:10.1140/epjc/s10052-021-09785-3 [arXiv:2106.01841 [gr-qc]].

(53) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(54) G. Abbas, H. Nazar, S. Qaisar and E. Güdekli, Int. J. Geom. Meth. Mod. Phys. **18**, no.09, 2150133 (2021) doi:10.1142/S0219887821501334

(55) M. F. Shamir, G. Mustafa and M. Ahmad, Nucl. Phys. B **967**, 115418 (2021) doi:10.1016/j.nuclphysb.2021.1 [arXiv:2105.00441 [gr-qc]].

(56) S. D. Odintsov and V. K. Oikonomou, Annals Phys. **440**, 168839 (2022) doi:10.1016/j.aop.2022.168839 [arXiv:2104.01982 [gr-qc]].

(57) G. Panotopoulos, T. Tangphati, A. Banerjee and M. K. Jasim, Phys. Lett. B **817**, 136330 (2021) doi:10.1016/j.physletb.2021.136330 [arXiv:2104.00590 [gr-qc]].

(58) T. Karakasis, E. Papantonopoulos, Z. Y. Tang and B. Wang, Eur. Phys. J. C **81**, no.10, 897 (2021) doi:10.1140/epjc/s10052-021-09717-1 [arXiv:2103.14141 [gr-qc]].

(59) S. D. Odintsov and V. K. Oikonomou, Phys. Dark Univ. **32**, 100805 (2021) doi:10.1016/j.dark.2021.100805 [arXiv:2103.07725 [gr-qc]].

(60) M. F. Shamir and A. Malik, Chin. J. Phys. **69**, 312-321 (2021) doi:10.1016/j.cjph.2020.12.009

(61) H. Nazar and G. Abbas, Adv. Astron. **2021**, 6698208 (2021) doi:10.1155/2021/6698208

(62) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, doi:10.1007/978-3-030-83715-0_22

(63) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(64) J. M. Z. Pretel, S. E. Jorás, R. R. R. Reis and J. D. V. Arbañil, JCAP **04**, 064 (2021) doi:10.1088/1475-7516/2021/04/064 [arXiv:2012.03342 [gr-qc]].

(65) F. M. da Silva, L. C. N. Santos and C. C. Barros, Class. Quant. Grav. **38**, no.16, 165011 (2021) doi:10.1088/1361-6382/ac129d [arXiv:2010.00086 [astro-ph.HE]].

(66) G. Mustafa and T. C. Xia, Int. J. Mod. Phys. A **35**, no.21, 2050109 (2020) doi:10.1142/S0217751X20501092

(67) A. Mathew, M. Shafeeque and M. K. Nandy, Eur. Phys. J. C **80**, no.7, 615 (2020) doi:10.1140/epjc/s10052-020-8130-4 [arXiv:2006.06421 [gr-qc]].

(68) C. Adam, M. Huidobro, R. Vazquez and A. Wereszczynski, JCAP **08**, 041 (2020) doi:10.1088/1475-7516/2020/08/041 [arXiv:2005.10834 [hep-th]].

(69) G. Mustafa, M. F. Shamir and X. Tie-Cheng, Phys. Rev. D **101**, no.10, 104013 (2020) doi:10.1103/PhysRevD.101.104013 [arXiv:2005.03997 [gr-qc]].

(70) G. Mustafa, X. Tie-Cheng and M. F. Shamir, Annals Phys. **413**, 168059 (2020) doi:10.1016/j.aop.2019.168059

(71) J. L. Blázquez-Salcedo, F. Scen Khoo and J. Kunz, EPL **130**, no.5, 50002 (2020) doi:10.1209/0295-5075/130/50002 [arXiv:2001.09117 [gr-qc]].

(72) S. Zia, "Some Exact Solutions and Physical Attributes of Compact Stars in f(R,G) Gravity," National University of Computer and Emerging Sciences, Islamabad (2020)

(73) D. Pérez and G. E. Romero, doi:10.1142/9789813277342_0002 [arXiv:2001.00863 [gr-qc]].

(74) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0 [arXiv:1912.05202 [gr-qc]].

(75) G. Abbas and R. Ahmed, Astrophys. Space Sci. **364**, no.11, 194 (2019) doi:10.1007/s10509-019-3688-8

(76) F. Sbisà, P. O. Baqui, T. Miranda, S. E. Jorás and O. F. Piattella, Phys. Dark Univ. **27**, 100411 (2020) doi:10.1016/j.dark.2019.100411 [arXiv:1907.08714 [gr-qc]].

(77) G. Panotopoulos and Á. Rincón, Eur. Phys. J. Plus **134**, no.9, 472 (2019) doi:10.1140/epjp/i2019-12853-1 [arXiv:1907.03545 [gr-qc]].

(78) I. Lopes and G. Panotopoulos, Phys. Rev. D **99**, no.10, 103013 (2019) doi:10.1103/PhysRevD.99.103013

(79) M. Farasat Shamir and A. Malik, Commun. Theor. Phys. **71**, no.5, 599-609 (2019) doi:10.1088/0253-6102/71/5/599

(80) A. V. Astashenok, A. S. Baigashov and S. A. Lapin, Int. J. Geom. Meth. Mod. Phys. **16**, no.01, 1950004 (2018) doi:10.1142/S021988781950004X [arXiv:1812.10439 [gr-qc]].

(81) M. Farasat Shamir and M. Ahmad, Mod. Phys. Lett. A **34**, no.05, 1950038 (2019) doi:10.1142/S021773231950038X [arXiv:1807.09103 [physics.gen-ph]].

(82) P. H. R. S. Moraes, J. D. V. Arbañil, G. A. Carvalho, R. V. Lobato, E. Otoniel, R. M. Marinho and M. Malheiro, [arXiv:1806.04123 [gr-qc]].

(83) G. Panotopoulos and I. Lopes, Int. J. Mod. Phys. D **27**, no.09, 1850093 (2018) doi:10.1142/S0218271818500
[arXiv:1804.05023 [gr-qc]].

(84) I. Lopes and G. Panotopoulos, Phys. Rev. D **97**, no.2, 024030 (2018) doi:10.1103/PhysRevD.97.024030 [arXiv:1801.05031 [gr-qc]].

(85) G. Panotopoulos and I. Lopes, Phys. Rev. D **97**, no.2, 024025 (2018) doi:10.1103/PhysRevD.97.024025 [arXiv:1801.03387 [gr-qc]].

(86) R. Kase, M. Minamitsuji and S. Tsujikawa, Phys. Rev. D **97**, no.8, 084009 (2018) doi:10.1103/PhysRevD.97.084009 [arXiv:1711.08713 [gr-qc]].

(87) L. Sagunski, J. Zhang, M. C. Johnson, L. Lehner, M. Sakellariadou, S. L. Liebling, C. Palenzuela and D. Neilsen, Phys. Rev. D **97**, no.6, 064016 (2018) doi:10.1103/PhysRevD.97.064016 [arXiv:1709.06634 [gr-qc]].

(88) S. Çıkıntoğlu, Phys. Rev. D **97**, no.4, 044040 (2018) doi:10.1103/PhysRevD.97.044040 [arXiv:1708.00345 [gr-qc]].

(89) B. Eslam Panah, G. H. Bordbar, S. H. Hendi, R. Ruffini, Z. Rezaei and R. Moradi, Astrophys. J. **848**, no.1, 24 (2017) doi:10.3847/1538-4357/aa8b6f [arXiv:1707.06460 [gr-qc]].

(90) S. Nojiri, S. D. Odintsov and V. K. Oikonomou, Phys. Rept. **692**, 1-104 (2017) doi:10.1016/j.physrep.2017.06
[arXiv:1705.11098 [gr-qc]].

(91) M. F. Shamir and M. Ahmad, Eur. Phys. J. C **77**, no.10, 674 (2017) doi:10.1140/epjc/s10052-017-5239-1 [arXiv:1705.06910 [gr-qc]].

(92) M. F. Shamir and S. Zia, Eur. Phys. J. C **77**, no.7, 448 (2017) doi:10.1140/epjc/s10052-017-5010-7 [arXiv:1705.06582 [physics.gen-ph]].

(93) H. O. d. Silva, "Compact Objects in Relativistic Theories of Gravity," PhD thesis, The University of Mississippi (2017) AAT-10279481.

(94) G. Panotopoulos, Gen. Rel. Grav. **49**, no.5, 69 (2017) doi:10.1007/s10714-017-2230-y [arXiv:1704.04961 [gr-qc]].

(95) A. Asteshanok, *Космологические модели темной енергии и их приложения*, Дисертация доктора физико-математических наук, Калининград (2017);

(96) W. X. Feng, C. Q. Geng, W. F. Kao and L. W. Luo, Int. J. Mod. Phys. D **27**, no.01, 1750186 (2017) doi:10.1142/S0218271817501863 [arXiv:1702.05936 [gr-qc]].

(97) S. H. Hendi, G. H. Bordbar, B. Eslam Panah and S. Panahiyan, JCAP **07**, 004 (2017) doi:10.1088/1475-7516/2017/07/004 [arXiv:1701.01039 [gr-qc]].

(98) V. Paschalidis and N. Stergioulas, Living Rev. Rel. **20**, no.1, 7 (2017) doi:10.1007/s41114-017-0008-x [arXiv:1612.03050 [astro-ph.HE]].

(99) F. G. Lopez Armengol and G. E. Romero, Gen. Rel. Grav. **49**, no.2, 27 (2017) doi:10.1007/s10714-017-2184-0 [arXiv:1611.05721 [gr-qc]].

(100) J. P. S. Lemos and P. Pani, doi:10.1142/9789813226609_0024 [arXiv:1608.08360 [gr-qc]].

(101) F. A. Teppa Pannia, F. García, S. E. Perez Bergliaffa, M. Orellana and G. E. Romero, Gen. Rel. Grav. **49**, no.2, 25 (2017) doi:10.1007/s10714-016-2182-7 [arXiv:1607.03508 [gr-qc]].

(102) A. V. Astashenok and S. D. Odintsov, Phys. Rev. D **94**, no.6, 063008 (2016) doi:10.1103/PhysRevD.94.06300 [arXiv:1512.07279 [gr-qc]].

(103) T. Katsuragawa, S. Nojiri, S. D. Odintsov and M. Yamazaki, Phys. Rev. D **93**, 124013 (2016) doi:10.1103/PhysRevD.93.124013 [arXiv:1512.00660 [gr-qc]].

(104) B. Valdemoros, Matching of spacetimes theory applied to rotating stars and quadratic gravity, PhD thesis, Universidad del Pais Vasco (2016);

(105) P. H. R. S. Moraes, J. D. V. Arbañil and M. Malheiro, JCAP **06**, 005 (2016) doi:10.1088/1475-7516/2016/06/005 [arXiv:1511.06282 [gr-qc]].

(106) S. Capozziello, M. De Laurentis, R. Farinelli and S. D. Odintsov, Phys. Rev. D **93**, no.2, 023501 (2016) doi:10.1103/PhysRevD.93.023501 [arXiv:1509.04163 [gr-qc]].

(107) M. Sharif and Z. Yousaf, Astrophys. Space Sci. **357**, no.1, 49 (2015) doi:10.1007/s10509-015-2270-2

(108) K. Yagi and N. Yunes, Phys. Rev. D **91**, no.12, 123008 (2015) doi:10.1103/PhysRevD.91.123008 [arXiv:1503.02726 [gr-qc]].

(109) E. Berti, E. Barausse, V. Cardoso, L. Gualtieri, P. Pani, U. Sperhake, L. C. Stein, N. Wex, K. Yagi and T. Baker, *et al.* Class. Quant. Grav. **32**, 243001 (2015) doi:10.1088/0264-9381/32/24/243001 [arXiv:1501.07274 [gr-qc]].

(110) C. F. B. Macedo, "Compact Objects in General Relativity and Beyond," PhD thesis, UNIVERSIDADE FEDERAL DO PARA (2015)

(111) A. V. Astashenok, S. Capozziello and S. D. Odintsov, Phys. Lett. B **742**, 160-166 (2015) doi:10.1016/j.physletb.2015.01.030 [arXiv:1412.5453 [gr-qc]].

(112) H. O. Silva, C. F. B. Macedo, E. Berti and L. C. B. Crispino, Class. Quant. Grav. **32**, 145008 (2015) doi:10.1088/0264-9381/32/14/145008 [arXiv:1411.6286 [gr-qc]].

(113) A. Stabile and S. Capozziello, Galaxies **2**, 520-576 (2014) doi:10.3390/galaxies2040520 [arXiv:1411.3143 [gr-qc]].

(114) M. Sharif and Z. Yousaf, Astrophys. Space Sci. **354**, no.2, 2116 (2014) doi:10.1007/s10509-014-2116-3

(115) A. V. Astashenok, S. Capozziello and S. D. Odintsov, JCAP **01**, 001 (2015) doi:10.1088/1475-7516/2015/01/001 [arXiv:1408.3856 [gr-qc]].

A.81. D. D. Doneva, **S. S. Yazadjiev**, N. Stergioulas, K. D. Kokkotas and T. M. Athanasiadis, "Orbital and epicyclic frequencies around rapidly rotating compact stars in scalar-tensor theories of gravity," Phys. Rev. D **90**, no. 4, 044004 (2014)

[arXiv:1405.6976 [astro-ph.HE]].

Забелязани независими цитати:

(1) O. Schön, doi:10.15496/publikation-90502

(2) M. H. Wu, H. Guo and X. M. Kuang, Phys. Rev. D **107**, no.6, 064033 (2023) doi:10.1103/PhysRevD.107.0640 [arXiv:2306.10467 [gr-qc]].

(3) C. Chakraborty and P. Majumdar, Eur. Phys. J. C **83**, no.8, 714 (2023) doi:10.1140/epjc/s10052-023-11858-4 [arXiv:2210.17162 [gr-qc]].

(4) J. Soldateschi, "Numerical study of the properties of compact objects in general relativity and scalar-tensor theories," PhD thesis, UNIVERSITA DEGLI STUDI DI FIRENZE (2022)

(5) N. Sennett, "Probing Fundamental Physics With Gravitational Waves From Inspiraling Binary Systems,"PhD thesis, Maryland U. (2021) doi:10.13016/y0rz-gogy

(6) M. Minamitsuji and S. Tsujikawa, Phys. Lett. B **820**, 136509 (2021) doi:10.1016/j.physletb.2021.136509 [arXiv:2105.14661 [gr-qc]].

(7) M. Heydari-Fard and H. R. Sepangi, Phys. Lett. B **816**, 136276 (2021) doi:10.1016/j.physletb.2021.136276 [arXiv:2009.13748 [gr-qc]].

(8) R. Kase, R. Kimura, S. Sato and S. Tsujikawa, Phys. Rev. D **102**, no.8, 084037 (2020) doi:10.1103/PhysRevD.102.084037 [arXiv:2007.09864 [gr-qc]].

(9) P. Pradhan, "Distinguishing Black Hole and Naked Singularity in MOG via Inertial Frame Dragging Effect," [arXiv:2007.01347 [gr-qc]].

(10) N. Bucciantini and J. Soldateschi, Mon. Not. Roy. Astron. Soc. **495**, no.1, L56-L60 (2020) doi:10.1093/mnrasl/slaa059 [arXiv:2004.00322 [astro-ph.HE]].

(11) K. Jusufi, M. Jamil and M. Rizwan, Gen. Rel. Grav. **51**, no.8, 102 (2019) doi:10.1007/s10714-019-2586-2 [arXiv:1903.01227 [gr-qc]].

(12) A. Savaş Arapoğlu, K. Yavuz Ekşi and A. Emrah Yükselci, Phys. Rev. D **99**, no.6, 064055 (2019) doi:10.1103/PhysRevD.99.064055 [arXiv:1903.00391 [gr-qc]].

(13) C. Chakraborty and S. Bhattacharyya, JCAP **05**, 034 (2019) doi:10.1088/1475-7516/2019/05/034 [arXiv:1901.04233 [astro-ph.HE]].

(14) G. A. Gonzalez, B. Kleihaus, J. Kunz and S. Mojica, Phys. Rev. D **99**, no.2, 024041 (2019) doi:10.1103/PhysRevD.99.024041 [arXiv:1812.02686 [gr-qc]].

(15) M. Rizwan, M. Jamil and K. Jusufi, Phys. Rev. D **99**, no.2, 024050 (2019) doi:10.1103/PhysRevD.99.024050 [arXiv:1812.01331 [gr-qc]].

(16) H. O. Silva and N. Yunes, Phys. Rev. D **99**, no.4, 044034 (2019) doi:10.1103/PhysRevD.99.044034 [arXiv:1808.04391 [gr-qc]].

(17) Z. Altaha Motahar, J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Phys. Rev. D **98**, no.4, 044032 (2018) doi:10.1103/PhysRevD.98.044032 [arXiv:1807.02598 [gr-qc]].

(18) X. Y. Chew, B. Kleihaus and J. Kunz, Phys. Rev. D **97**, no.6, 064026 (2018) doi:10.1103/PhysRevD.97.06402 [arXiv:1802.00365 [gr-qc]].

(19) C. Chakraborty and S. Bhattacharyya, Phys. Rev. D **98**, no.4, 043021 (2018) doi:10.1103/PhysRevD.98.0430 [arXiv:1712.01156 [astro-ph.HE]].

(20) Z. Altaha Motahar, J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Phys. Rev. D **96**, no.6, 064046 (2017) doi:10.1103/PhysRevD.96.064046 [arXiv:1707.05280 [gr-qc]].

(21) H. O. d. Silva, "Compact Objects in Relativistic Theories of Gravity," PhD Thesis, The University of Mississippi (2017) AAT-10279481.

(22) V. Paschalidis and N. Stergioulas, Living Rev. Rel. **20**, no.1, 7 (2017) doi:10.1007/s41114-017-0008-x [arXiv:1612.03050 [astro-ph.HE]].

(23) G. Pappas, Mon. Not. Roy. Astron. Soc. **466**, no.4, 4381-4394 (2017) doi:10.1093/mnras/stx019 [arXiv:1610.05370 [gr-qc]].

(24) M. Minamitsuji and H. O. Silva, Phys. Rev. D **93**, no.12, 124041 (2016) doi:10.1103/PhysRevD.93.124041 [arXiv:1604.07742 [gr-qc]].

(25) C. Chakraborty and P. Pradhan, JCAP **03**, 035 (2017) doi:10.1088/1475-7516/2017/03/035 [arXiv:1603.09683 [gr-qc]].

(26) E. Berti, V. Cardoso, L. C. B. Crispino, L. Gualtieri, C. Herdeiro and U. Sperhake, Int. J. Mod. Phys. D **25**, no.09, 1641022 (2016) doi:10.1142/S0218271816410224 [arXiv:1603.06146 [gr-qc]].

(27) N. Sennett and A. Buonanno, Phys. Rev. D **93**, no.12, 124004 (2016) doi:10.1103/PhysRevD.93.124004 [arXiv:1603.03300 [gr-qc]].

(28) G. Pappas and T. P. Sotiriou, Mon. Not. Roy. Astron. Soc. **453**, no.3, 2862-2876 (2015) doi:10.1093/mnras/stv1819 [arXiv:1505.02882 [gr-qc]].

(29) G. H. Bordbar, S. H. Hendi and B. Eslam Panah, Eur. Phys. J. Plus **131**, no.9, 315 (2016) doi:10.1140/epjp/i2016-16315-0 [arXiv:1502.02929 [gr-qc]].

(30) E. Berti, E. Barausse, V. Cardoso, L. Gualtieri, P. Pani, U. Sperhake, L. C. Stein, N. Wex, K. Yagi and T. Baker, *et al.* Class. Quant. Grav. **32**, 243001 (2015) doi:10.1088/0264-9381/32/24/243001 [arXiv:1501.07274 [gr-qc]].

(31) C. F. B. Macedo, "Compact Objects in General Relativity and Beyond,"PhD thesis, UNIVERSIDADE FEDERAL DO PARA (2015)

(32) H. O. Silva, C. F. B. Macedo, E. Berti and L. C. B. Crispino, Class. Quant. Grav. **32**, 145008 (2015) doi:10.1088/0264-9381/32/14/145008 [arXiv:1411.6286 [gr-qc]].

(33) H. O. Silva, H. Sotani, E. Berti and M. Horbatsch, Phys. Rev. D **90**, no.12, 124044 (2014) doi:10.1103/PhysRevD.90.124044 [arXiv:1410.2511 [gr-qc]].

(34) K. Taniguchi, M. Shibata and A. Buonanno, Phys. Rev. D **91**, no.2, 024033 (2015) doi:10.1103/PhysRevD.91.024033 [arXiv:1410.0738 [gr-qc]].

A.82. **S. S. Yazadjiev**, D. D. Doneva, K. D. Kokkotas and K. V. Staykov, "Non-perturbative and self-consistent models of neutron stars in R-squared gravity," JCAP **1406**, 003 (2014)

[arXiv:1402.4469 [gr-qc]].

Забелязани независими цитати:

(1) G. G. L. Nashed and S. Capozziello, [arXiv:2405.09590 [gr-qc]].

(2) O. Schön, doi:10.15496/publikation-90502

(3) P. Bhar, A. Errehymy and S. Ray, Eur. Phys. J. C **83**, no.12, 1151 (2023) doi:10.1140/epjc/s10052-023-12340-x

(4) K. P. Das, U. Debnath, A. Ashraf and M. Khurana, Phys. Dark Univ. **43**, 101398 (2024) doi:10.1016/j.dark.2023.101398

(5) F. S. Khoo, Lect. Notes Phys. **1022**, 155-171 (2023) doi:10.1007/978-3-031-42096-2_6

(6) D. Bhattacharjee and P. K. Chattopadhyay, Eur. Phys. J. C **84**, no.1, 77 (2024) doi:10.1140/epjc/s10052-024-12449-7 [arXiv:2310.07391 [gr-qc]].

(7) M. Sharif and S. Naz, Mod. Phys. Lett. A **38**, no.26n27, 2350123 (2023) doi:10.1142/S0217732323501237 [arXiv:2310.06877 [gr-qc]].

(8) J. C. N. de Araujo and H. G. M. Fortes, Eur. Phys. J. C **83**, no.12, 1168 (2023) doi:10.1140/epjc/s10052-023-12342-9 [arXiv:2308.00627 [gr-qc]].

(9) J. M. Z. Pretel, S. E. Jorás, R. R. R. Reis, S. B. Duarte and J. D. V. Arbañil, Phys. Dark Univ. **43**, 101394 (2024) doi:10.1016/j.dark.2023.101394 [arXiv:2308.00203 [gr-qc]].

(10) G. G. L. Nashed and W. El Hanafy, JCAP **09**, 038 (2023) doi:10.1088/1475-7516/2023/09/038 [arXiv:2306.13396 [gr-qc]].

(11) K. Nobleson, S. Banik and T. Malik, Phys. Rev. D **107**, no.12, 124045 (2023) doi:10.1103/PhysRevD.107.124 [arXiv:2306.01054 [gr-qc]].

(12) Y. Kehal, K. Nouicer and H. Boumaza, JCAP **05**, 057 (2024) doi:10.1088/1475-7516/2024/05/057 [arXiv:2305.12155 [gr-qc]].

(13) M. Ilyas, A. R. Athar, F. Khan and A. Anfal, Phys. Scripta **98**, no.9, 095011 (2023) doi:10.1088/1402-4896/aceba2 [arXiv:2305.03064 [gr-qc]].

(14) A. Banerjee, T. Tangphati and A. Pradhan, Int. J. Mod. Phys. D **32**, no.05, 2350026 (2023) doi:10.1142/S0218271823500268

(15) A. B. Tudeshki, G. H. Bordbar and B. Eslam Panah, Phys. Dark Univ. **42**, 101354 (2023) doi:10.1016/j.dark.2023.101354 [arXiv:2303.04813 [gr-qc]].

(16) K. Numajiri, Y. X. Cui, T. Katsuragawa and S. Nojiri, Phys. Rev. D **107**, no.10, 104019 (2023) doi:10.1103/PhysRevD.107.104019 [arXiv:2302.03951 [gr-qc]].

(17) A. Errehymy, G. Mustafa, K. Newton Singh, S. K. Maurya, M. Daoud, H. I. Alrebdi and A. H. Abdel-Aty, New Astron. **99**, 101957 (2023) doi:10.1016/j.newast.2022.101957

(18) M. Bandyopadhyay and R. Biswas, Int. J. Mod. Phys. D **32**, no.03, 2350006 (2023) doi:10.1142/S0218271823500062

(19) J. L. Blázquez-Salcedo, L. M. González-Romero, F. S. Khoo, J. Kunz and V. Preut, Front. Astron. Space Sci. **9**, 1005108 (2022) doi:10.3389/fspas.2022.1005108 [arXiv:2207.11370 [gr-qc]].

(20) G. G. L. Nashed and S. Nojiri, Fortsch. Phys. **71**, no.2-3, 2200091 (2023) doi:10.1002/prop.202200091 [arXiv:2206.04836 [gr-qc]].

(21) M. Nava-Callejas, D. Page and M. V. Beznogov, Phys. Rev. D **107**, no.10, 104057 (2023) doi:10.1103/PhysRevD.107.104057 [arXiv:2206.06132 [gr-qc]].

(22) J. M. Z. Pretel, J. D. V. Arbañil, S. B. Duarte, S. E. Jorás and R. R. R. Reis, JCAP **09**, 058 (2022) doi:10.1088/1475-7516/2022/09/058 [arXiv:2206.03878 [gr-qc]].

(23) J. L. Blázquez-Salcedo, L. M. González-Romero, F. S. Khoo, J. Kunz and V. Preut, Phys. Rev. D **106**, no.4, 044007 (2022) doi:10.1103/PhysRevD.106.044007 [arXiv:2205.03283 [gr-qc]].

(24) J. Kunz, Lect. Notes Phys. **1017**, 293-313 (2023) doi:10.1007/978-3-031-31520-6_7 [arXiv:2204.12520 [gr-qc]].

(25) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Universe **8**, no.3, 153 (2022) doi:10.3390/universe8030153 [arXiv:2204.04984 [gr-qc]].

(26) S. Silveravalle, "Isolated objects in quadratic gravity," PhD thesis, University of Trento (2022)

(27) J. M. Z. Pretel and S. B. Duarte, Class. Quant. Grav. **39**, no.15, 155003 (2022) doi:10.1088/1361-6382/ac7a88 [arXiv:2202.04467 [gr-qc]].

(28) K. Nobleson, A. Ali and S. Banik, Eur. Phys. J. C **82**, no.1, 32 (2022) doi:10.1140/epjc/s10052-021-09969-x

(29) J. C. Jiménez, J. M. Z. Pretel, E. S. Fraga, S. E. Jorás and R. R. R. Reis, JCAP **07**, no.07, 017 (2022) doi:10.1088/1475-7516/2022/07/017 [arXiv:2112.09950 [gr-qc]].

(30) R. Kase and S. Tsujikawa, Phys. Rev. D **105**, no.2, 024059 (2022) doi:10.1103/PhysRevD.105.024059 [arXiv:2110.12728 [gr-qc]].

(31) J. L. Blázquez-Salcedo, F. S. Khoo, J. Kunz and V. Preut, Front. in Phys. **9**, 741427 (2021) doi:10.3389/fphy.2021.741427 [arXiv:2107.06726 [gr-qc]].

(32) G. G. L. Nashed, S. D. Odintsov and V. K. Oikonomou, Eur. Phys. J. C **81**, 528 (2021) doi:10.1140/epjc/s10052-021-09321-3 [arXiv:2106.13607 [gr-qc]].

(33) A. Bonanno and S. Silveravalle, JCAP **08**, 050 (2021) doi:10.1088/1475-7516/2021/08/050 [arXiv:2106.00558 [gr-qc]].

(34) R. V. Lobato, G. A. Carvalho and C. A. Bertulani, Eur. Phys. J. C **81**, no.11, 1013 (2021) doi:10.1140/epjc/s10052-021-09785-3 [arXiv:2106.01841 [gr-qc]].

(35) J. Pretel, "Stellar structure in f(R) and f(R,T) theories of modified gravity, " PhD thesis, UNIVERSIDADE FEDERAL DO RIO DE JANEIRO (2021)

(36) M. Minamitsuji and S. Tsujikawa, Phys. Lett. B **820**, 136509 (2021) doi:10.1016/j.physletb.2021.136509 [arXiv:2105.14661 [gr-qc]].

(37) H. Boumaza, Eur. Phys. J. C **81**, no.5, 448 (2021) doi:10.1140/epjc/s10052-021-09222-5

(38) G. G. L. Nashed and S. Capozziello, Eur. Phys. J. C **81**, no.5, 481 (2021) doi:10.1140/epjc/s10052-021-09273-8 [arXiv:2105.11975 [gr-qc]].

(39) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(40) K. Nobleson, T. Malik and S. Banik, JCAP **08**, 012 (2021) doi:10.1088/1475-7516/2021/08/012 [arXiv:2105.07813 [gr-qc]].

(41) G. Panotopoulos, T. Tangphati, A. Banerjee and M. K. Jasim, Phys. Lett. B **817**, 136330 (2021) doi:10.1016/j.physletb.2021.136330 [arXiv:2104.00590 [gr-qc]].

(42) T. Karakasis, E. Papantonopoulos, Z. Y. Tang and B. Wang, Eur. Phys. J. C **81**, no.10, 897 (2021) doi:10.1140/epjc/s10052-021-09717-1 [arXiv:2103.14141 [gr-qc]].

(43) A. V. Astashenok, S. Capozziello, S. D. Odintsov and V. K. Oikonomou, Phys. Lett. B **816**, 136222 (2021) doi:10.1016/j.physletb.2021.136222 [arXiv:2103.04144 [gr-qc]].

(44) H. Nazar and G. Abbas, Adv. Astron. **2021**, 6698208 (2021) doi:10.1155/2021/6698208

(45) G. Abbas and H. Nazar, Annals Phys. **424**, 168336 (2021) doi:10.1016/j.aop.2020.168336

(46) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, doi:10.1007/978-3-030-83715-0_22

(47) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(48) G. G. L. Nashed and S. Nojiri, Phys. Rev. D **102**, 124022 (2020) doi:10.1103/PhysRevD.102.124022 [arXiv:2012.05711 [gr-qc]].

(49) J. M. Z. Pretel, S. E. Jorás, R. R. R. Reis and J. D. V. Arbañil, JCAP **04**, 064 (2021) doi:10.1088/1475-7516/2021/04/064 [arXiv:2012.03342 [gr-qc]].

(50) R. Kase and S. Tsujikawa, JCAP **01**, 008 (2021) doi:10.1088/1475-7516/2021/01/008 [arXiv:2008.13350 [gr-qc]].

(51) J. M. Z. Pretel, S. E. Jorás and R. R. R. Reis, JCAP **11**, 048 (2020) doi:10.1088/1475-7516/2020/11/048 [arXiv:2008.00536 [gr-qc]].

(52) R. Kase, R. Kimura, S. Sato and S. Tsujikawa, Phys. Rev. D **102**, no.8, 084037 (2020) doi:10.1103/PhysRevD.102.084037 [arXiv:2007.09864 [gr-qc]].

(53) N. Masetlwa, "Relativistic Neutron Stars in General Relativity and Fourth Order Gravity," DEPARTMENT OF MATHEMATICS AND APPLIED MATHEMATICS AT THE UNIVERSITY OF CAPE TOWN (2020)

(54) A. Mathew, M. Shafeeque and M. K. Nandy, Eur. Phys. J. C **80**, no.7, 615 (2020) doi:10.1140/epjc/s10052-020-8130-4 [arXiv:2006.06421 [gr-qc]].

(55) A. Dohi, R. Kase, R. Kimura, K. Yamamoto and M. a. Hashimoto, PTEP **2021**, no.9, 093E01 (2021) doi:10.1093/ptep/ptab099 [arXiv:2003.12571 [gr-qc]].

(56) R. Kase, M. Minamitsuji and S. Tsujikawa, Phys. Rev. D **102**, no.2, 024067 (2020) doi:10.1103/PhysRevD.102.024067 [arXiv:2001.10701 [gr-qc]].

(57) J. L. Blázquez-Salcedo, F. Scen Khoo and J. Kunz, EPL **130**, no.5, 50002 (2020) doi:10.1209/0295-5075/130/50002 [arXiv:2001.09117 [gr-qc]].

(58) D. Pérez and G. E. Romero, doi:10.1142/9789813277342_0002 [arXiv:2001.00863 [gr-qc]].

(59) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0 [arXiv:1912.05202 [gr-qc]].

(60) F. J. Llanes-Estrada and E. Lope-Oter, Prog. Part. Nucl. Phys. **109**, 103715 (2019) doi:10.1016/j.ppnp.2019.103715 [arXiv:1907.12760 [nucl-th]].

(61) F. Sbisà, P. O. Baqui, T. Miranda, S. E. Jorás and O. F. Piattella, Phys. Dark Univ. **27**, 100411 (2020) doi:10.1016/j.dark.2019.100411 [arXiv:1907.08714 [gr-qc]].

(62) R. Kase and S. Tsujikawa, JCAP **09**, 054 (2019) doi:10.1088/1475-7516/2019/09/054 [arXiv:1906.08954 [gr-qc]].

(63) F. J. Fattoyev, Arab. J. Math. **8**, no.4, 293-304 (2019) doi:10.1007/s40065-019-0265-5 [arXiv:1905.10767 [gr-qc]].

(64) D. Sen, "Cold Dense Matter Phases and Neutron Star Structure in the Light of Recent Observations, " DEPARTMENT OF PHYSICS BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE,PILANI (2019)

(65) I. Lopes and G. Panotopoulos, Phys. Rev. D **99**, no.10, 103013 (2019) doi:10.1103/PhysRevD.99.103013

(66) D. Sen, K. Banerjee and T. K. Jha, Int. J. Mod. Phys. E **27**, no.11, 1850097 (2019) doi:10.1142/S0218301318500970 [arXiv:1812.03529 [nucl-th]].

(67) A. V. Astashenok, A. S. Baigashov and S. A. Lapin, Int. J. Geom. Meth. Mod. Phys. **16**, no.01, 1950004 (2018) doi:10.1142/S021988781950004X [arXiv:1812.10439 [gr-qc]].

(68) A. G. Suvorov, Phys. Rev. D **98**, no.8, 084026 (2018) doi:10.1103/PhysRevD.98.084026 [arXiv:1810.02975 [astro-ph.HE]].

(69) J. Sultana and D. Kazanas, Gen. Rel. Grav. **50**, no.11, 137 (2018) doi:10.1007/s10714-018-2463-4 [arXiv:1810.02915 [gr-qc]].

(70) S. Kalita and B. Mukhopadhyay, JCAP **09**, 007 (2018) doi:10.1088/1475-7516/2018/09/007 [arXiv:1805.12550 [gr-qc]].

(71) Z. Yousaf, M. Z. u. H. Bhatti and M. Ilyas, Eur. Phys. J. C **78**, no.4, 307 (2018) doi:10.1140/epjc/s10052-018-5797-x [arXiv:1804.04953 [physics.gen-ph]].

(72) Ö. Akarsu, J. D. Barrow, S. Çıkıntoğlu, K. Y. Ekşi and N. Katırcı, Phys. Rev. D **97**, no.12, 124017 (2018) doi:10.1103/PhysRevD.97.124017 [arXiv:1802.02093 [gr-qc]].

(73) I. Lopes and G. Panotopoulos, Phys. Rev. D **97**, no.2, 024030 (2018) doi:10.1103/PhysRevD.97.024030 [arXiv:1801.05031 [gr-qc]].

(74) G. Panotopoulos and I. Lopes, Phys. Rev. D **97**, no.2, 024025 (2018) doi:10.1103/PhysRevD.97.024025 [arXiv:1801.03387 [gr-qc]].

(75) M. Ilyas, Z. Yousaf, M. Z. Bhatti and B. Masud, Astrophys. Space Sci. **362**, no.12, 237 (2017) doi:10.1007/s10509-017-3215-8

(76) L. G. Jaime and M. Salgado, Phys. Rev. D **98**, no.8, 084045 (2018) doi:10.1103/PhysRevD.98.084045 [arXiv:1711.08026 [gr-qc]].

(77) S. Yu, C. Gao and M. Liu, Res. Astron. Astrophys. **18**, no.12, 157 (2018) doi:10.1088/1674-4527/18/12/157 [arXiv:1711.04064 [gr-qc]].

(78) S. Çıkıntoğlu, Phys. Rev. D **97**, no.4, 044040 (2018) doi:10.1103/PhysRevD.97.044040 [arXiv:1708.00345 [gr-qc]].

(79) M. F. Shamir and S. Zia, Eur. Phys. J. C **77**, no.7, 448 (2017) doi:10.1140/epjc/s10052-017-5010-7 [arXiv:1705.06582 [physics.gen-ph]].

(80) A. V. Astashenok, S. D. Odintsov and A. de la Cruz-Dombriz, Class. Quant. Grav. **34**, no.20, 205008 (2017) doi:10.1088/1361-6382/aa8971 [arXiv:1704.08311 [gr-qc]].

(81) W. X. Feng, C. Q. Geng, W. F. Kao and L. W. Luo, Int. J. Mod. Phys. D **27**, no.01, 1750186 (2017) doi:10.1142/S0218271817501863 [arXiv:1702.05936 [gr-qc]].

(82) P. Brax, A. C. Davis and R. Jha, Phys. Rev. D **95**, no.8, 083514 (2017) doi:10.1103/PhysRevD.95.083514 [arXiv:1702.02983 [gr-qc]].

(83) H. Sotani and K. D. Kokkotas, Phys. Rev. D **95**, no.4, 044032 (2017) doi:10.1103/PhysRevD.95.044032 [arXiv:1702.00874 [gr-qc]].

(84) V. Paschalidis and N. Stergioulas, Living Rev. Rel. **20**, no.1, 7 (2017) doi:10.1007/s41114-017-0008-x [arXiv:1612.03050 [astro-ph.HE]].

(85) F. G. Lopez Armengol and G. E. Romero, Gen. Rel. Grav. **49**, no.2, 27 (2017) doi:10.1007/s10714-017-2184-0 [arXiv:1611.05721 [gr-qc]].

(86) M. Zubair and G. Abbas, Astrophys. Space Sci. **361**, no.10, 342 (2016) doi:10.1007/s10509-016-2933-7

(87) J. P. S. Lemos and P. Pani, doi:10.1142/9789813226609_0024 [arXiv:1608.08360 [gr-qc]].

(88) A. Asteshanok, *Космологические модели темной енергии и их приложения*, Дисертация доктора физико-математических наук, Калининград (2017);

(89) K. Yagi and N. Yunes, Phys. Rept. **681**, 1-72 (2017) doi:10.1016/j.physrep.2017.03.002 [arXiv:1608.02582 [gr-qc]].

(90) F. A. Teppa Pannia, F. García, S. E. Perez Bergliaffa, M. Orellana and G. E. Romero, Gen. Rel. Grav. **49**, no.2, 25 (2017) doi:10.1007/s10714-016-2182-7 [arXiv:1607.03508 [gr-qc]].

(91) S. Arapoğlu, S. Çıkıntoğlu and K. Y. Ekşi, Phys. Rev. D **96**, no.8, 084040 (2017) doi:10.1103/PhysRevD.96.084040 [arXiv:1604.02328 [gr-qc]].

(92) A. V. Astashenok, Int. J. Mod. Phys. Conf. Ser. **41**, 1660130 (2016) doi:10.1142/S2010194516601307

(93) M. Aparicio Resco, Á. de la Cruz-Dombriz, F. J. Llanes Estrada and V. Zapatero Castrillo, Phys. Dark Univ. **13**, 147-161 (2016) doi:10.1016/j.dark.2016.07.001 [arXiv:1602.03880 [gr-qc]].

(94) A. V. Astashenok and S. D. Odintsov, Phys. Rev. D **94**, no.6, 063008 (2016) doi:10.1103/PhysRevD.94.06300 [arXiv:1512.07279 [gr-qc]].

(95) M. Zubair, G. Abbas and I. Noureen, Astrophys. Space Sci. **361**, no.1, 8 (2016) doi:10.1007/s10509-015-2596-9 [arXiv:1512.05202 [physics.gen-ph]].

(96) T. Katsuragawa, S. Nojiri, S. D. Odintsov and M. Yamazaki, Phys. Rev. D **93**, 124013 (2016) doi:10.1103/PhysRevD.93.124013 [arXiv:1512.00660 [gr-qc]].

(97) X. T. He, F. J. Fattoyev, B. A. Li and W. G. Newton, EPJ Web Conf. **109**, 07002 (2016) doi:10.1051/epjconf/201610907002 [arXiv:1510.03969 [nucl-th]].

(98) S. Capozziello, M. De Laurentis, R. Farinelli and S. D. Odintsov, Phys. Rev. D **93**, no.2, 023501 (2016) doi:10.1103/PhysRevD.93.023501 [arXiv:1509.04163 [gr-qc]].

(99) P. Cañate, L. G. Jaime and M. Salgado, Class. Quant. Grav. **33**, no.15, 155005 (2016) doi:10.1088/0264-9381/33/15/155005 [arXiv:1509.01664 [gr-qc]].

(100) S. ЗIKINTOGLU, "Relativistic Stars in Starobinsky Model of Gravity, " thesis, ISTANBUL TECHNICAL UNIVERSITY, GRADUATE SCHOOL OF SCIENCE (2015)

(101) K. Yagi and N. Yunes, Phys. Rev. D **91**, no.12, 123008 (2015) doi:10.1103/PhysRevD.91.123008 [arXiv:1503.02726 [gr-qc]].

(102) S. H. Hendi, G. H. Bordbar, B. Eslam Panah and M. Najafi, Astrophys. Space Sci. **358**, no.2, 30 (2015) doi:10.1007/s10509-015-2429-x [arXiv:1503.01011 [gr-qc]].

(103) E. Berti, E. Barausse, V. Cardoso, L. Gualtieri, P. Pani, U. Sperhake, L. C. Stein, N. Wex, K. Yagi and T. Baker, *et al.* Class. Quant. Grav. **32**, 243001 (2015) doi:10.1088/0264-9381/32/24/243001 [arXiv:1501.07274 [gr-qc]].

(104) A. V. Astashenok, S. Capozziello and S. D. Odintsov, Phys. Lett. B **742**, 160-166 (2015) doi:10.1016/j.physletb.2015.01.030 [arXiv:1412.5453 [gr-qc]].

(105) M. Zubair and G. Abbas, [arXiv:1412.2120 [physics.gen-ph]].

(106) A. Stabile and S. Capozziello, Galaxies **2**, 520-576 (2014) doi:10.3390/galaxies2040520 [arXiv:1411.3143 [gr-qc]].

(107) U. Das and B. Mukhopadhyay, JCAP **05**, 045 (2015) doi:10.1088/1475-7516/2015/05/045 [arXiv:1411.1515 [astro-ph.SR]].

(108) J. Sultana, B. Bose and D. Kazanas, Int. J. Mod. Phys. D **23**, 1450090 (2014) doi:10.1142/S021827181450090

(109) A. V. Astashenok, S. Capozziello and S. D. Odintsov, JCAP **01**, 001 (2015) doi:10.1088/1475-7516/2015/01/001 [arXiv:1408.3856 [gr-qc]].

(110) J. P. S. Lemos, F. J. Lopes, G. Quinta and V. T. Zanchin, Eur. Phys. J. C **75**, no.2, 76 (2015) doi:10.1140/epjc/s10052-015-3274-3 [arXiv:1408.1400 [astro-ph.SR]].

(111) X. T. He, F. J. Fattoyev, B. A. Li and W. G. Newton, Phys. Rev. C **91**, no.1, 015810 (2015) doi:10.1103/PhysRevC.91.015810 [arXiv:1408.0857 [nucl-th]].

(112) K. Bamba and S. D. Odintsov, PoS **KMI2013**, 023 (2014) doi:10.22323/1.208.0023 [arXiv:1402.7114 [hep-th]].

A.83. V. K. Tinchev and **S. S. Yazadjiev**, "Possible imprints of cosmic strings in the shadows of galactic black holes," Int. J. Mod. Phys. D **23**, 1450060 (2014)

[arXiv:1311.1353 [gr-qc]].

Забелязани независими цитати:

(1) M. Wang, G. Guo, P. Yan, S. Chen and J. Jing, [arXiv:2307.16748 [gr-qc]].

(2) M. Wang, S. Chen and J. Jing, Sci. China Phys. Mech. Astron. **66**, no.11, 110411 (2023) doi:10.1007/s11433-023-2152-y [arXiv:2208.10219 [gr-qc]].

(3) M. Wang, S. Chen and J. Jing, Commun. Theor. Phys. **74**, no.9, 097401 (2022) doi:10.1088/1572-9494/ac6e5c [arXiv:2205.05855 [gr-qc]].

(4) M. Wang, G. Guo, S. Chen and J. Jing, Chin. Phys. C **47**, no.1, 015102 (2023) doi:10.1088/1674-1137/ac94bc [arXiv:2112.04170 [gr-qc]].

(5) C. Liu, L. Tang and J. Jing, Int. J. Mod. Phys. D **31**, no.06, 2250041 (2022) doi:10.1142/S0218271822500419 [arXiv:2109.01867 [gr-qc]].

(6) A. Gußmann, JHEP **08**, 160 (2021) doi:10.1007/JHEP08(2021)160 [arXiv:2105.06659 [astro-ph.HE]].

(7) M. Wang, S. Chen and J. Jing, Phys. Rev. D **104**, no.8, 084021 (2021) doi:10.1103/PhysRevD.104.084021 [arXiv:2104.12304 [gr-qc]].

(8) V. I. Dokuchaev and N. O. Nazarova, Universe **6**, no.9, 154 (2020) doi:10.3390/universe6090154 [arXiv:2007.14121 [astro-ph.HE]].

(9) A. Övgün and İ. Sakallı, Class. Quant. Grav. **37**, no.22, 225003 (2020) doi:10.1088/1361-6382/abb579 [arXiv:2005.00982 [gr-qc]].

(10) S. Vagnozzi, C. Bambi and L. Visinelli, Class. Quant. Grav. **37**, no.8, 087001 (2020) doi:10.1088/1361-6382/ab7965 [arXiv:2001.02986 [gr-qc]].

(11) V. I. Dokuchaev and N. O. Nazarova, Usp. Fiz. Nauk **190**, no.6, 627-647 (2020) doi:10.3367/UFNe.2020.01.03 [arXiv:1911.07695 [gr-qc]].

(12) M. Wang, S. Chen and J. Jing, Eur. Phys. J. C **81**, no.6, 509 (2021) doi:10.1140/epjc/s10052-021-09287-2 [arXiv:1908.04527 [gr-qc]].

(13) A. Övgün, İ. Sakallı, J. Saavedra and C. Leiva, Mod. Phys. Lett. A **35**, no.20, 2050163 (2020) doi:10.1142/S0217732320501631 [arXiv:1906.05954 [hep-th]].

(14) F. Long, J. Wang, S. Chen and J. Jing, JHEP **10**, 269 (2019) doi:10.1007/JHEP10(2019)269 [arXiv:1906.04456 [gr-qc]].

(15) P. Cunha, "Shadows and gravitational lensing of Black Holes interacting with fundamental fields," PhD thesis, UNIVERSIDADE DE LISBOA INSTITUTO SUPERIOR TECNICO, Lisbon (2019)

(16) M. Wang, S. Chen, J. Wang and J. Jing, Eur. Phys. J. C **80**, no.2, 110 (2020) doi:10.1140/epjc/s10052-020-7641-3 [arXiv:1904.12423 [gr-qc]].

(17) H. M. Wang, Y. M. Xu and S. W. Wei, JCAP **03**, 046 (2019) doi:10.1088/1475-7516/2019/03/046 [arXiv:1810.12767 [gr-qc]].

(18) A. Övgün, İ. Sakallı and J. Saavedra, JCAP **10**, 041 (2018) doi:10.1088/1475-7516/2018/10/041 [arXiv:1807.00388 [gr-qc]].

(19) D. Psaltis, Gen. Rel. Grav. **51**, no.10, 137 (2019) doi:10.1007/s10714-019-2611-5 [arXiv:1806.09740 [astro-ph.HE]].

(20) L. Barack, V. Cardoso, S. Nissanke, T. P. Sotiriou, A. Askar, C. Belczynski, G. Bertone, E. Bon, D. Blas and R. Brito, *et al.* Class. Quant. Grav. **36**, no.14, 143001 (2019) doi:10.1088/1361-6382/ab0587 [arXiv:1806.05195 [gr-qc]].

(21) P. V. P. Cunha, C. A. R. Herdeiro and M. J. Rodriguez, Phys. Rev. D **97**, no.8, 084020 (2018) doi:10.1103/PhysRevD.97.084020 [arXiv:1802.02675 [gr-qc]].

(22) M. Wang, S. Chen and J. Jing, Phys. Rev. D **98**, no.10, 104040 (2018) doi:10.1103/PhysRevD.98.104040 [arXiv:1801.02118 [gr-qc]].

(23) P. V. P. Cunha and C. A. R. Herdeiro, Gen. Rel. Grav. **50**, no.4, 42 (2018) doi:10.1007/s10714-018-2361-9 [arXiv:1801.00860 [gr-qc]].

(24) C. Gao, Y. Lu, S. Yu and Y. G. Shen, Phys. Rev. D **97**, no.10, 104013 (2018) doi:10.1103/PhysRevD.97.10401 [arXiv:1711.00996 [gr-qc]].

(25) M. Wang, S. Chen and J. Jing, Phys. Rev. D **97**, no.6, 064029 (2018) doi:10.1103/PhysRevD.97.064029 [arXiv:1710.07172 [gr-qc]].

(26) M. Wang, S. Chen and J. Jing, JCAP **10**, 051 (2017) doi:10.1088/1475-7516/2017/10/051 [arXiv:1707.09451 [gr-qc]].

(27) S. Chen and J. Jing, [arXiv:1610.00886 [gr-qc]].

(28) P. V. P. Cunha, J. Grover, C. Herdeiro, E. Radu, H. Runarsson and A. Wittig, Phys. Rev. D **94**, no.10, 104023 (2016) doi:10.1103/PhysRevD.94.104023 [arXiv:1609.01340 [gr-qc]].

(29) Y. Huang, S. Chen and J. Jing, Eur. Phys. J. C **76**, no.11, 594 (2016) doi:10.1140/epjc/s10052-016-4442-9 [arXiv:1606.04634 [gr-qc]].

(30) J. L. Geng, Y. Zhang, E. K. Li and P. F. Duan, Mod. Phys. Lett. A **31**, no.01, 1650006 (2015) doi:10.1142/S0217732316500061

(31) A. Larranaga, EJTP 12, No. 32, 31 (2015)

(32) F. Atamurotov, S. G. Ghosh and B. Ahmedov, Eur. Phys. J. C **76**, no.5, 273 (2016) doi:10.1140/epjc/s10052-016-4122-9 [arXiv:1506.03690 [gr-qc]].

(33) M. J. Lake and T. Harko, Fortsch. Phys. **65**, no.10-11, 1600121 (2017) doi:10.1002/prop.201600121 [arXiv:1505.01584 [astro-ph.CO]].

(34) S. W. Wei, P. Cheng, Y. Zhong and X. N. Zhou, JCAP **08**, 004 (2015) doi:10.1088/1475-7516/2015/08/004 [arXiv:1501.06298 [gr-qc]].

(35) S. W. Wei and Y. X. Liu, JCAP **11**, 063 (2013) doi:10.1088/1475-7516/2013/11/063 [arXiv:1311.4251 [gr-qc]].

A.84. D. D. Doneva, **S. S. Yazadjiev**, N. Stergioulas and K. D. Kokkotas, "Breakdown of I-Love-Q universality in rapidly rotating relativistic stars," Astrophys. J. Lett. **781**, L6 (2013)

[arXiv:1310.7436 [gr-qc]].

Забелязани независими цитати:

(1) V. Guedes, S. Y. Lau, C. Chirenti and K. Yagi, Phys. Rev. D **109**, no.8, 083040 (2024) doi:10.1103/PhysRevD.109.083040 [arXiv:2402.10868 [astro-ph.HE]].

(2) A. Kumar, M. K. Ghosh, P. Thakur, V. B. Thapa, K. K. Nath and M. Sinha, [arXiv:2311.15277 [astro-ph.HE]].

(3) C. Musolino, C. Ecker and L. Rezzolla, Astrophys. J. **962**, no.1, 61 (2024) doi:10.3847/1538-4357/ad1758 [arXiv:2307.03225 [gr-qc]].

(4) J. J. Li, A. Sedrakian and F. Weber, Phys. Rev. C **108**, no.2, 025810 (2023) doi:10.1103/PhysRevC.108.0258 [arXiv:2306.14190 [nucl-th]].

(5) S. Ghosh, Mon. Not. Roy. Astron. Soc. **525**, no.1, 448-454 (2023) doi:10.1093/mnras/stad2355 [arXiv:2304.12356 [gr-qc]].

(6) Y. Gao, L. Shao and J. Steinhoff, Astrophys. J. **954**, no.1, 16 (2023) doi:10.3847/1538-4357/ace776 [arXiv:2303.14130 [astro-ph.HE]].

(7) G. Papigkiotis and G. Pappas, Phys. Rev. D **107**, no.10, 103050 (2023) doi:10.1103/PhysRevD.107.103050 [arXiv:2303.04273 [astro-ph.HE]].

(8) K. K. Nath, R. Mallick and S. Chatterjee, Mon. Not. Roy. Astron. Soc. **524**, no.1, 1438-1447 (2023) doi:10.1093/mnras/stad1967 [arXiv:2302.05088 [gr-qc]].

(9) A. Konstantinou and S. M. Morsink, doi:10.3847/1538-4357/ac7b86 [arXiv:2206.12515 [astro-ph.HE]].

(10) Y. Li, J. Wang, Z. Wu and D. Wen, Class. Quant. Grav. **39**, no.3, 035014 (2022) doi:10.1088/1361-6382/ac45d9

(11) D. f. Zeng, Nucl. Phys. B **977**, 115722 (2022) doi:10.1016/j.nuclphysb.2022.115722 [arXiv:2112.12531 [hep-th]].

(12) C. Hoyos, N. Jokela and A. Vuorinen, Prog. Part. Nucl. Phys. **126**, 103972 (2022) doi:10.1016/j.ppnp.2022.103972 [arXiv:2112.08422 [hep-th]].

(13) Y. Gao, X. Y. Lai, L. Shao and R. X. Xu, Mon. Not. Roy. Astron. Soc. **509**, no.2, 2758-2779 (2021) doi:10.1093/mnras/stab3181 [arXiv:2109.13234 [gr-qc]].

(14) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(15) C. H. Yeung, L. M. Lin, N. Andersson and G. Comer, Universe **7**, no.4, 111 (2021) doi:10.3390/universe7040111 [arXiv:2105.00798 [astro-ph.HE]].

(16) S. Khadkikar, A. R. Raduta, M. Oertel and A. Sedrakian, Phys. Rev. C **103**, no.5, 055811 (2021) doi:10.1103/PhysRevC.103.055811 [arXiv:2102.00988 [astro-ph.HE]].

(17) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(18) S. S. Lenka, S. Banik and P. Char, J. Phys. Conf. Ser. **1643**, no.1, 012052 (2020) doi:10.1088/1742-6596/1643/1/012052

(19) S. Bhat, "Some studies on Novel Phases of Neutron Stars and their Observational Consequences," PhD thesis, Saha Institute of Nuclear Physics, Kolkata (2020)

(20) J. E. Horvath and P. H. R. S. Moraes, Int. J. Mod. Phys. D **30**, no.03, 2150016 (2021) doi:10.1142/S0218271821500164 [arXiv:2012.00917 [astro-ph.HE]].

(21) E. Benitez, J. Weller, V. Guedes, C. Chirenti and M. C. Miller, Phys. Rev. D **103**, no.2, 023007 (2021) doi:10.1103/PhysRevD.103.023007 [arXiv:2010.02619 [astro-ph.HE]].

(22) A. R. Raduta, M. Oertel and A. Sedrakian, Mon. Not. Roy. Astron. Soc. **499**, no.1, 914-931 (2020) doi:10.1093/mnras/staa2491 [arXiv:2008.00213 [nucl-th]].

(23) W. Sun, D. Wen and J. Wang, Phys. Rev. D **102**, no.2, 023039 (2020) doi:10.1103/PhysRevD.102.023039 [arXiv:2008.02958 [gr-qc]].

(24) D. Bandyopadhyay, K. Kar, Supernovae, Neutron Star Physics and Nucleosynthesis, Springer (2021), doi.org/10.1007/978-3-030-95171-9

(25) S. K. Roy, S. Mukhopadhyay and D. N. Basu, Eur. Phys. J. Plus **136**, no.4, 467 (2021) [erratum: Eur. Phys. J. Plus **137**, no.12, 1321 (2022)] doi:10.1140/epjp/s13360-021-01473-1 [arXiv:2007.05328 [nucl-th]].

(26) G. A. Oliva and F. Frutos-Alfaro, Mon. Not. Roy. Astron. Soc. **505**, no.2, 2870-2885 (2021) doi:10.1093/mnras/stab1380 [arXiv:2006.05948 [gr-qc]].

(27) P. Feola, "Astrophysical and Cosmological applications of Extended Theories of Gravity," doi:10.15167/feola-pasquale_phd2020-05-22

(28) E. R. Most, L. R. Weih and L. Rezzolla, Mon. Not. Roy. Astron. Soc. **496**, no.1, L16-L21 (2020) doi:10.1093/mnrasl/slaa079 [arXiv:2003.10391 [astro-ph.HE]].

(29) A. Samajdar and T. Dietrich, Phys. Rev. D **101**, no.12, 124014 (2020) doi:10.1103/PhysRevD.101.124014 [arXiv:2002.07918 [gr-qc]].

(30) R. Jiang, D. Wen and H. Chen, Phys. Rev. D **100**, no.12, 123010 (2019) doi:10.1103/PhysRevD.100.123010 [arXiv:1911.10935 [nucl-th]].

(31) P. Feola, X. J. Forteza, S. Capozziello, R. Cianci and S. Vignolo, Phys. Rev. D **101**, no.4, 044037 (2020) doi:10.1103/PhysRevD.101.044037 [arXiv:1909.08847 [astro-ph.HE]].

(32) L. M. Lin, AIP Conf. Proc. **2127**, no.1, 020017 (2019) doi:10.1063/1.5117807

(33) G. Urbancová, M. Urbanec, G. Török, Z. Stuchlík, M. Blaschke and J. C. Miller, Astrophys. J. **877**, no.2, 66 (2019) doi:10.3847/1538-4357/ab1b4c [arXiv:1905.00730 [astro-ph.HE]].

(34) M. G. Alford, S. Han and K. Schwenzer, J. Phys. G **46**, no.11, 114001 (2019) doi:10.1088/1361-6471/ab337a [arXiv:1904.05471 [nucl-th]].

(35) B. Kumar and P. Landry, Phys. Rev. D **99**, no.12, 123026 (2019) doi:10.1103/PhysRevD.99.123026 [arXiv:1902.04557 [gr-qc]].

(36) R. Riahi, S. Z. Kalantari and J. A. Rueda Hernandez, Phys. Rev. D **99**, no.4, 043004 (2019) doi:10.1103/PhysRevD.99.043004 [arXiv:1902.00349 [astro-ph.HE]].

(37) G. A. Gonzalez, B. Kleihaus, J. Kunz and S. Mojica, Phys. Rev. D **99**, no.2, 024041 (2019) doi:10.1103/PhysRevD.99.024041 [arXiv:1812.02686 [gr-qc]].

(38) J. B. Wei, A. Figura, G. F. Burgio, H. Chen and H. J. Schulze, J. Phys. G **46**, no.3, 034001 (2019) doi:10.1088/1361-6471/aaf95c [arXiv:1809.04315 [astro-ph.HE]].

(39) L. Bovard,"Macroscopic and microscopic post-merger dynamics in binary neutron stars," PhD thesis, Johann Wolfgang Goethe-Universitat (2018)

(40) S. S. Luk and L. M. Lin, Astrophys. J. **861**, no.2, 141 (2018) doi:10.3847/1538-4357/aac8d6 [arXiv:1805.10813 [astro-ph.HE]].

(41) B. Banihashemi and J. Vines, Phys. Rev. D **101**, no.6, 064003 (2020) doi:10.1103/PhysRevD.101.064003 [arXiv:1805.07266 [gr-qc]].

(42) T. Hinderer, L. Rezzolla and L. Baiotti, Astrophys. Space Sci. Libr. **457**, 575-635 (2018) doi:10.1007/978-3-319-97616-7_10

(43) D. Bandyopadhyay, S. A. Bhat, P. Char and D. Chatterjee, Eur. Phys. J. A **54**, no.2, 26 (2018) doi:10.1140/epja/i2018-12456-y [arXiv:1712.01715 [astro-ph.HE]].

(44) V. Paschalidis, K. Yagi, D. Alvarez-Castillo, D. B. Blaschke and A. Sedrakian, Phys. Rev. D **97**, no.8, 084038 (2018) doi:10.1103/PhysRevD.97.084038 [arXiv:1712.00451 [astro-ph.HE]].

(45) T. Gupta, B. Majumder, K. Yagi and N. Yunes, Class. Quant. Grav. **35**, no.2, 025009 (2018) doi:10.1088/1361-6382/aa9c68 [arXiv:1710.07862 [gr-qc]].

(46) H. O. Silva and N. Yunes, Class. Quant. Grav. **35**, no.1, 015005 (2018) doi:10.1088/1361-6382/aa995a [arXiv:1710.00919 [gr-qc]].

(47) P. Landry, "Tidal Response of a Rotating Neutron Star in General Relativity," PhD thesis, Guelph U. (2017)

(48) M. Marques, M. Oertel, M. Hempel and J. Novak, Phys. Rev. C **96**, no.4, 045806 (2017) doi:10.1103/PhysRevC.96.045806 [arXiv:1706.02913 [nucl-th]].

(49) H. O. d. Silva, "Compact Objects in Relativistic Theories of Gravity," PhD thesis, The University of Mississippi (2017) AAT-10279481.

(50) S. S. Lenka, P. Char and S. Banik, Int. J. Mod. Phys. D **26**, no.11, 1750127 (2017) doi:10.1142/S0218271817501279 [arXiv:1704.07113 [astro-ph.HE]].

(51) A. Maselli, P. Pnigouras, N. G. Nielsen, C. Kouvaris, Phys. Rev. D **96**, no.2, 023005 (2017) doi:10.1103/PhysRevD.96.023005 [arXiv:1704.07286 [astro-ph.HE]].

(52) P. Landry, Phys. Rev. D **95**, no.12, 124058 (2017) doi:10.1103/PhysRevD.95.124058 [arXiv:1703.08168 [gr-qc]].

(53) V. Paschalidis and N. Stergioulas, Living Rev. Rel. **20**, no.1, 7 (2017) doi:10.1007/s41114-017-0008-x [arXiv:1612.03050 [astro-ph.HE]].

(54) M. Hanauske, K. Takami, L. Bovard, L. Rezzolla, J. A. Font, F. Galeazzi and H. Stöcker, Phys. Rev. D **96**, no.4, 043004 (2017) doi:10.1103/PhysRevD.96.043004 [arXiv:1611.07152 [gr-qc]].

(55) K. Yagi and N. Yunes, Phys. Rept. **681**, 1-72 (2017) doi:10.1016/j.physrep.2017.03.002 [arXiv:1608.02582 [gr-qc]].

(56) N. Uchikata, S. Yoshida and P. Pani, Phys. Rev. D **94**, no.6, 064015 (2016) doi:10.1103/PhysRevD.94.064015 [arXiv:1607.03593 [gr-qc]].

(57) A. Maselli, PoS **MPCS2015**, 014 (2016) doi:10.22323/1.262.0014

(58) C. Breu and L. Rezzolla, Mon. Not. Roy. Astron. Soc. **459**, no.1, 646-656 (2016) doi:10.1093/mnras/stw575 [arXiv:1601.06083 [gr-qc]].

(59) B. Kleihaus, J. Kunz, S. Mojica and M. Zagermann, Phys. Rev. D **93**, no.6, 064077 (2016) doi:10.1103/PhysRevD.93.064077 [arXiv:1601.05583 [gr-qc]].

(60) R. A. Porto, Phys. Rept. **633**, 1-104 (2016) doi:10.1016/j.physrep.2016.04.003 [arXiv:1601.04914 [hep-th]].

(61) H. O. Silva, H. Sotani and E. Berti, Mon. Not. Roy. Astron. Soc. **459**, no.4, 4378-4388 (2016) doi:10.1093/mnras/stw969 [arXiv:1601.03407 [astro-ph.HE]].

(62) N. Gürlebeck, Springer Proc. Phys. **170**, 87-93 (2016) doi:10.1007/978-3-319-20046-0_10

(63) M. Marques,"Relativistic rapidly differentially rotating hot neutron stars", PhD thesis Universit? Paris sciences et lettres, 2016

(64) S. S. Lenka, P. Char and S. Banik, DAE Symp. Nucl. Phys. **61**, 928-929 (2016)

(65) K. Chatziioannou, "Spin-precessing compact binaries : gravitational wave modeling and information extraction," PhD thesis, MONTANA STATE UNIVERSITY Bozeman, Montana (2016)

(66) T. K. Chan, A. P. O. Chan and P. T. Leung, Phys. Rev. D **93**, no.2, 024033 (2016) doi:10.1103/PhysRevD.93.024033 [arXiv:1511.08566 [gr-qc]].

(67) P. Landry and E. Poisson, Phys. Rev. D **92**, no.12, 124041 (2015) doi:10.1103/PhysRevD.92.124041 [arXiv:1510.09170 [gr-qc]].

(68) P. Pani, L. Gualtieri and V. Ferrari, Phys. Rev. D **92**, no.12, 124003 (2015) doi:10.1103/PhysRevD.92.124003 [arXiv:1509.02171 [gr-qc]].

(69) K. Chatziioannou, K. Yagi, A. Klein, N. Cornish and N. Yunes, Phys. Rev. D **92**, no.10, 104008 (2015) doi:10.1103/PhysRevD.92.104008 [arXiv:1508.02062 [gr-qc]].

(70) J. Bretz, K. Yagi and N. Yunes, Phys. Rev. D **92**, no.8, 083009 (2015) doi:10.1103/PhysRevD.92.083009 [arXiv:1507.02278 [gr-qc]].

(71) N. Gurlebeck, Tidally distorted black holes, 1st Karl Schwarzschild Meeting on Gravitational Physics (2015)

(72) F. Cipolletta, C. Cherubini, S. Filippi, J. A. Rueda and R. Ruffini, Phys. Rev. D **92**, no.2, 023007 (2015) doi:10.1103/PhysRevD.92.023007 [arXiv:1506.05926 [astro-ph.SR]].

(73) P. Pani, Phys. Rev. D **92**, no.12, 124030 (2015) [erratum: Phys. Rev. D **95**, no.4, 049902 (2017)] doi:10.1103/PhysRevD.95.049902 [arXiv:1506.06050 [gr-qc]].

(74) T. Delsate, Phys. Rev. D **92**, no.12, 124001 (2015) doi:10.1103/PhysRevD.92.124001 [arXiv:1504.07335 [gr-qc]].

(75) B. Majumder, K. Yagi and N. Yunes, Phys. Rev. D **92**, no.2, 024020 (2015) doi:10.1103/PhysRevD.92.024020 [arXiv:1504.02506 [gr-qc]].

(76) P. Pani, L. Gualtieri, A. Maselli and V. Ferrari, Phys. Rev. D **92**, no.2, 024010 (2015) doi:10.1103/PhysRevD.92.024010 [arXiv:1503.07365 [gr-qc]].

(77) P. Landry and E. Poisson, Phys. Rev. D **91**, 104018 (2015) doi:10.1103/PhysRevD.91.104018 [arXiv:1503.07366 [gr-qc]].

(78) N. Gürlebeck, Phys. Rev. Lett. **114**, no.15, 151102 (2015) doi:10.1103/PhysRevLett.114.151102 [arXiv:1503.03240 [gr-qc]].

(79) K. Yagi and N. Yunes, Phys. Rev. D **91**, no.12, 123008 (2015) doi:10.1103/PhysRevD.91.123008 [arXiv:1503.02726 [gr-qc]].

(80) E. Berti, E. Barausse, V. Cardoso, L. Gualtieri, P. Pani, U. Sperhake, L. C. Stein, N. Wex, K. Yagi and T. Baker, *et al.* Class. Quant. Grav. **32**, 243001 (2015) doi:10.1088/0264-9381/32/24/243001 [arXiv:1501.07274 [gr-qc]].

(81) K. Takami, L. Rezzolla and L. Baiotti, Phys. Rev. D **91**, no.6, 064001 (2015) doi:10.1103/PhysRevD.91.0640 [arXiv:1412.3240 [gr-qc]].

(82) J. Steinhoff, Fund. Theor. Phys. **179**, 615-649 (2015) doi:10.1007/978-3-319-18335-0_19 [arXiv:1412.3251 [gr-qc]].

(83) G. Pappas and T. P. Sotiriou, Phys. Rev. D **91**, no.4, 044011 (2015) doi:10.1103/PhysRevD.91.044011 [arXiv:1412.3494 [gr-qc]].

(84) E. Poisson, Phys. Rev. D **91**, no.4, 044004 (2015) doi:10.1103/PhysRevD.91.044004 [arXiv:1411.4711 [gr-qc]].

(85) Y. H. Sham, T. K. Chan, L. M. Lin and P. T. Leung, Astrophys. J. **798**, no.2, 121 (2015) doi:10.1088/0004-637X/798/2/121 [arXiv:1410.8271 [gr-qc]].

(86) T. K. Chan, Y. H. Sham, P. T. Leung and L. M. Lin, Phys. Rev. D **90**, no.12, 124023 (2014) doi:10.1103/PhysRevD.90.124023 [arXiv:1408.3789 [gr-qc]].

(87) B. Kleihaus, J. Kunz and S. Mojica, Phys. Rev. D **90**, no.6, 061501 (2014) doi:10.1103/PhysRevD.90.061501 [arXiv:1407.6884 [gr-qc]].

(88) G. Martinon, A. Maselli, L. Gualtieri and V. Ferrari, Phys. Rev. D **90**, no.6, 064026 (2014) doi:10.1103/PhysRevD.90.064026 [arXiv:1406.7661 [gr-qc]].

(89) K. Yagi, L. C. Stein, G. Pappas, N. Yunes and T. A. Apostolatos, Phys. Rev. D **90**, no.6, 063010 (2014) doi:10.1103/PhysRevD.90.063010 [arXiv:1406.7587 [gr-qc]].

(90) K. Chatziioannou, K. Yagi and N. Yunes, Phys. Rev. D **90**, no.6, 064030 (2014) doi:10.1103/PhysRevD.90.06 [arXiv:1406.7135 [gr-qc]].

(91) P. Pani and E. Berti, Phys. Rev. D **90**, no.2, 024025 (2014) doi:10.1103/PhysRevD.90.024025 [arXiv:1405.4547 [gr-qc]].

(92) P. Landry and E. Poisson, Phys. Rev. D **89**, no.12, 124011 (2014) doi:10.1103/PhysRevD.89.124011 [arXiv:1404.6798 [gr-qc]].

(93) M. AlGendy and S. M. Morsink, Astrophys. J. **791**, 78 (2014) doi:10.1088/0004-637X/791/2/78 [arXiv:1404.0609 [astro-ph.HE]].

(94) K. Yagi, K. Kyutoku, G. Pappas, N. Yunes and T. A. Apostolatos, Phys. Rev. D **89**, no.12, 124013 (2014) doi:10.1103/PhysRevD.89.124013 [arXiv:1403.6243 [gr-qc]].

(95) L. C. Stein, K. Yagi and N. Yunes, Astrophys. J. **788**, 15 (2014) doi:10.1088/0004-637X/788/1/15 [arXiv:1312.4532 [gr-qc]].

(96) Y. H. Sham, L. M. Lin and P. T. Leung, Astrophys. J. **781**, 66 (2014) doi:10.1088/0004-637X/781/2/66 [arXiv:1312.1011 [gr-qc]].

(97) S. Chakrabarti, T. Delsate, N. Gürlebeck and J. Steinhoff, Phys. Rev. Lett. **112**, 201102 (2014) doi:10.1103/PhysRevLett.112.201102 [arXiv:1311.6509 [gr-qc]].

(98) G. Pappas and T. A. Apostolatos, Phys. Rev. Lett. **112**, 121101 (2014) doi:10.1103/PhysRevLett.112.12110 [arXiv:1311.5508 [gr-qc]].

(99) K. Yagi, Phys. Rev. D **89**, no.4, 043011 (2014) [erratum: Phys. Rev. D **96**, no.12, 129904 (2017); erratum: Phys. Rev. D **97**, no.12, 129901 (2018)] doi:10.1103/PhysRevD.89.043011 [arXiv:1311.0872 [gr-qc]].

A.85. D. D. Doneva, **S. S. Yazadjiev**, N. Stergioulas and K. D. Kokkotas, "Rapidly rotating neutron stars in scalar-tensor theories of gravity," Phys. Rev. D **88**, no. 8, 084060 (2013)

[arXiv:1309.0605 [gr-qc]].

Забелязани независими цитати:

(1) V. K. Oikonomou, Class. Quant. Grav. **41**, no.8, 085008 (2024) doi:10.1088/1361-6382/ad33cd [arXiv:2403.09818 [gr-qc]].

(2) J. M. Z. Pretel and C. E. Mota, Gen. Rel. Grav. **56**, no.4, 43 (2024) doi:10.1007/s10714-024-03225-9 [arXiv:2403.02440 [gr-qc]].

(3) O. Schön, doi:10.15496/publikation-90502

(4) S. Chowdhury, "Anisotropies and modified gravity theories in stellar and substellar objects," [arXiv:2310.17553 [gr-qc]].

(5) H. J. Kuan, K. Van Aelst, A. T. L. Lam and M. Shibata, Phys. Rev. D **108**, no.6, 064057 (2023) doi:10.1103/PhysRevD.108.064057 [arXiv:2309.01709 [gr-qc]].

(6) N. Asakawa and Y. Sekiguchi, Phys. Rev. D **108**, no.4, 044060 (2023) doi:10.1103/PhysRevD.108.044060 [arXiv:2308.15052 [gr-qc]].

(7) G. Antoniou, "New perspectives on scalar fields in strong gravity," [arXiv:2308.03501 [gr-qc]].

(8) A. V. Astashenok, S. D. Odintsov and V. K. Oikonomou, Phys. Dark Univ. **42**, 101295 (2023) doi:10.1016/j.dark.2023.101295 [arXiv:2307.14862 [gr-qc]].

(9) G. G. L. Nashed, Nucl. Phys. B **993**, 116264 (2023) doi:10.1016/j.nuclphysb.2023.116264 [arXiv:2307.03199 [gr-qc]].

(10) Y. Kehal, K. Nouicer and H. Boumaza, JCAP **05**, 057 (2024) doi:10.1088/1475-7516/2024/05/057 [arXiv:2305.12155 [gr-qc]].

(11) S. D. Odintsov and V. K. Oikonomou, Phys. Rev. D **107**, no.10, 104039 (2023) doi:10.1103/PhysRevD.107.10 [arXiv:2305.05515 [gr-qc]].

(12) K. Polychronis, "Equation of state of nuclear matter with applications to rapid rotating neutron stars, " PhD thesis, Aristotle University of Thessaloniki (2023)

(13) V. K. Oikonomou, Class. Quant. Grav. **40**, no.8, 085005 (2023) doi:10.1088/1361-6382/acc2a7 [arXiv:2303.06270 [gr-qc]].

(14) C. Promsiri, T. Tangphati, E. Hirunsirisawat and S. Ponglertsakul, Phys. Rev. D **108**, no.2, 024015 (2023) doi:10.1103/PhysRevD.108.024015 [arXiv:2302.04654 [gr-qc]].

(15) V. K. Oikonomou, Mon. Not. Roy. Astron. Soc. **520**, no.2, 2934-2941 (2023) doi:10.1093/mnras/stad326 [arXiv:2301.12136 [gr-qc]].

(16) S. M. Brown, "Using gravitational waves to study neutron stars in general relativity and alternative theories of gravity," PhD thesis, Gottfried Wilhelm Leibniz Universitat (2023) doi:10.15488/13673

(17) S. Chowdhury, P. Banerjee and A. Wojnar, [arXiv:2212.11620 [gr-qc]].

(18) A. V. Astashenok, S. D. Odintsov and V. K. Oikonomou, Symmetry **15**, no.6, 1141 (2023) doi:10.3390/sym15061141 [arXiv:2211.14892 [gr-qc]].

(19) S. M. Brown, Astrophys. J. **958**, no.2, 125 (2023) doi:10.3847/1538-4357/acfbe5 [arXiv:2210.14025 [gr-qc]].

(20) A. V. Astashenok, S. D. Odintsov and V. K. Oikonomou, Phys. Rev. D **106**, no.12, 124010 (2022) doi:10.1103/PhysRevD.106.124010 [arXiv:2209.13693 [gr-qc]].

(21) G. Ventagli, "New Perspectives on Spontaneous Scalarization in Black Holes and Neutron Stars," [arXiv:2209.15330 [gr-qc]].

(22) F. M. da Silva, L. C. N. Santos, C. E. Mota, T. O. F. da Costa and J. C. Fabris, Eur. Phys. J. C **83**, no.4, 295 (2023) doi:10.1140/epjc/s10052-023-11466-2 [arXiv:2206.08469 [gr-qc]].

(23) J. Soldateschi, "Numerical study of the properties of compact objects in general relativity and scalar-tensor theories," PhD thesis, UNIVERSITA DEGLI STUDI DI FIRENZE

(24) V. K. Oikonomou, Symmetry **14**, 1 (2022) doi:10.3390/sym14010032 [arXiv:2112.10221 [gr-qc]].

(25) J. C. Jiménez, J. M. Z. Pretel, E. S. Fraga, S. E. Jorás and R. R. R. Reis, JCAP **07**, no.07, 017 (2022) doi:10.1088/1475-7516/2022/07/017 [arXiv:2112.09950 [gr-qc]].

(26) A. V. Astashenok, S. Capozziello, S. D. Odintsov and V. K. Oikonomou, EPL **136**, no.5, 59001 (2021) doi:10.1209/0295-5075/ac3d6c [arXiv:2111.14179 [gr-qc]].

(27) H. Noshad, S. H. Hendi and B. Panah Eslam, Eur. Phys. J. C **82**, no.5, 394 (2022) doi:10.1140/epjc/s10052-022-10358-1 [arXiv:2111.03924 [gr-qc]].

(28) G. Ventagli, G. Antoniou, A. Lehébel and T. P. Sotiriou, Phys. Rev. D **104**, no.12, 124078 (2021) doi:10.1103/PhysRevD.104.124078 [arXiv:2111.03644 [gr-qc]].

(29) J. Soldateschi, N. Bucciantini and L. Del Zanna, [arXiv:2110.09301 [gr-qc]].

(30) V. K. Oikonomou, Class. Quant. Grav. **38**, no.17, 175005 (2021) doi:10.1088/1361-6382/ac161c [arXiv:2107.12430 [gr-qc]].

(31) J. Soldateschi, N. Bucciantini and L. Del Zanna, Astron. Astrophys. **654**, A162 (2021) doi:10.1142/9789811269776_0305 [arXiv:2106.00603 [astro-ph.HE]].

(32) M. Minamitsuji and S. Tsujikawa, Phys. Lett. B **820**, 136509 (2021) doi:10.1016/j.physletb.2021.136509 [arXiv:2105.14661 [gr-qc]].

(33) E. N. Saridakis *et al.* [CANTATA], Springer, 2021, ISBN 978-3-030-83714-3, 978-3-030-83717-4, 978-3-030-83715-0 doi:10.1007/978-3-030-83715-0 [arXiv:2105.12582 [gr-qc]].

(34) S. D. Odintsov and V. K. Oikonomou, Annals Phys. **440**, 168839 (2022) doi:10.1016/j.aop.2022.168839 [arXiv:2104.01982 [gr-qc]].

(35) S. D. Odintsov and V. K. Oikonomou, Phys. Dark Univ. **32**, 100805 (2021) doi:10.1016/j.dark.2021.100805 [arXiv:2103.07725 [gr-qc]].

(36) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, doi:10.1007/978-3-030-83715-0_22

(37) J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, doi:10.1007/978-3-030-83715-0_23

(38) F. M. da Silva, L. C. N. Santos and C. C. Barros, Class. Quant. Grav. **38**, no.16, 165011 (2021) doi:10.1088/1361-6382/ac129d [arXiv:2010.00086 [astro-ph.HE]].

(39) Yuri P. Vyblyi, Oksana G. Kurguzova, Proceedings of the National Academy of Sciences of Belarus. Physics and Mathematics series, 2021, vol. 57, no. 4, pp. 464-469; https://doi.org/10.29235/1561-2430-2021-57-4-464-469

(40) R. Kase and S. Tsujikawa, JCAP **01**, 008 (2021) doi:10.1088/1475-7516/2021/01/008 [arXiv:2008.13350 [gr-qc]].

(41) A. G. Suvorov, Gen. Rel. Grav. **53**, no.1, 6 (2021) doi:10.1007/s10714-020-02779-8 [arXiv:2008.02510 [gr-qc]].

(42) E.-D. Smyrniotis, "Neutron star models in 4D Gauss-Bonnet gravity constructed with an iterative numerical method," thesis, Aristotle University of Thessaloniki (2021)

(43) R. Rosca-Mead, C. J. Moore, U. Sperhake, M. Agathos and D. Gerosa, Symmetry **12**, no.9, 1384 (2020) doi:10.3390/sym12091384 [arXiv:2007.14429 [gr-qc]].

(44) R. Kase, R. Kimura, S. Sato and S. Tsujikawa, Phys. Rev. D **102**, no.8, 084037 (2020) doi:10.1103/PhysRevD.102.084037 [arXiv:2007.09864 [gr-qc]].

(45) J. Soldateschi, N. Bucciantini and L. Del Zanna, Astron. Astrophys. **640**, A44 (2020) doi:10.1051/0004-6361/202037918 [arXiv:2005.12758 [astro-ph.HE]].

(46) C. Q. Geng, H. J. Kuan and L. W. Luo, Eur. Phys. J. C **80**, no.8, 780 (2020) doi:10.1140/epjc/s10052-020-8359-y [arXiv:2005.11629 [gr-qc]].

(47) G. J. Olmo, D. Rubiera-Garcia and A. Wojnar, Phys. Rept. **876**, 1-75 (2020) doi:10.1016/j.physrep.2020.07.0 [arXiv:1912.05202 [gr-qc]].

(48) P. S. Koliogiannis and C. C. Moustakidis, Phys. Rev. C **101**, no.1, 015805 (2020) doi:10.1103/PhysRevC.101.015805 [arXiv:1907.13375 [nucl-th]].

(49) D. Sen, Int. J. Mod. Phys. D **28**, no.09, 1950122 (2019) doi:10.1142/S0218271819501220 [arXiv:2008.06753 [nucl-th]].

(50) R. F. P. Mendes and T. Ottoni, Phys. Rev. D **99**, no.12, 124003 (2019) doi:10.1103/PhysRevD.99.124003 [arXiv:1903.11638 [gr-qc]].

(51) A. Savaş Arapoğlu, K. Yavuz Ekşi and A. Emrah Yükselci, Phys. Rev. D **99**, no.6, 064055 (2019) doi:10.1103/PhysRevD.99.064055 [arXiv:1903.00391 [gr-qc]].

(52) Z. Rezaei and H. Y. Dezdarani, JCAP **03**, 013 (2019) doi:10.1088/1475-7516/2019/03/013 [arXiv:1811.12090 [astro-ph.HE]].

(53) B. Eslam Panah, T. Yazdizadeh and G. H. Bordbar, Eur. Phys. J. C **79**, no.10, 815 (2019) doi:10.1140/epjc/s10052-019-7331-1 [arXiv:1810.07519 [physics.gen-ph]].

(54) H. O. Silva and N. Yunes, Phys. Rev. D **99**, no.4, 044034 (2019) doi:10.1103/PhysRevD.99.044034 [arXiv:1808.04391 [gr-qc]].

(55) Z. Altaha Motahar, J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Phys. Rev. D **98**, no.4, 044032 (2018) doi:10.1103/PhysRevD.98.044032 [arXiv:1807.02598 [gr-qc]].

(56) H. Sotani and K. D. Kokkotas, Phys. Rev. D **97**, no.12, 124034 (2018) doi:10.1103/PhysRevD.97.124034 [arXiv:1806.00568 [gr-qc]].

(57) T. Hinderer, L. Rezzolla and L. Baiotti, Astrophys. Space Sci. Libr. 457, 575 (2018).

(58) X. Y. Chew, B. Kleihaus and J. Kunz, Phys. Rev. D **97**, no.6, 064026 (2018) doi:10.1103/PhysRevD.97.06402 [arXiv:1802.00365 [gr-qc]].

(59) H. Sotani, Phys. Rev. D **96**, no.10, 104010 (2017) doi:10.1103/PhysRevD.96.104010 [arXiv:1710.10596 [astro-ph.HE]].

(60) N. Franchini, A. Coates and T. P. Sotiriou, Phys. Rev. D **97**, no.6, 064013 (2018) doi:10.1103/PhysRevD.97.064013 [arXiv:1708.02113 [gr-qc]].

(61) B. Eslam Panah, G. H. Bordbar, S. H. Hendi, R. Ruffini, Z. Rezaei and R. Moradi, Astrophys. J. **848**, no.1, 24 (2017) doi:10.3847/1538-4357/aa8b6f [arXiv:1707.06460 [gr-qc]].

(62) Z. Altaha Motahar, J. L. Blázquez-Salcedo, B. Kleihaus and J. Kunz, Phys. Rev. D **96**, no.6, 064046 (2017) doi:10.1103/PhysRevD.96.064046 [arXiv:1707.05280 [gr-qc]].

(63) H. O. d. Silva, "Compact Objects in Relativistic Theories of Gravity,", PhD thesis, The University of Mississippi (2017) AAT-10279481.

(64) H. Sotani and K. D. Kokkotas, Phys. Rev. D **95**, no.4, 044032 (2017) doi:10.1103/PhysRevD.95.044032 [arXiv:1702.00874 [gr-qc]].

(65) S. H. Hendi, G. H. Bordbar, B. Eslam Panah and S. Panahiyan, JCAP **07**, 004 (2017) doi:10.1088/1475-7516/2017/07/004 [arXiv:1701.01039 [gr-qc]].

(66) C. Bambi, Springer, 2017, ISBN 978-981-10-4524-0 doi:10.1007/978-981-10-4524-0

(67) Z. A. Motahar, J. Blazquez-Salcedo, B. Kleihaus and J. Kunz,

(68) V. Paschalidis and N. Stergioulas, Living Rev. Rel. **20**, no.1, 7 (2017) doi:10.1007/s41114-017-0008-x [arXiv:1612.03050 [astro-ph.HE]].

(69) G. Pappas, Mon. Not. Roy. Astron. Soc. **466**, no.4, 4381-4394 (2017) doi:10.1093/mnras/stx019 [arXiv:1610.05370 [gr-qc]].

(70) I. G. Dudko and Y. P. Vyblyi, Grav. Cosmol. **22**, no.4, 368-373 (2016) doi:10.1134/S020228931604006X [arXiv:1610.00949 [gr-qc]].

(71) D. Gerosa, "Source modelling at the dawn of gravitational-wave astronomy,"PhD thesis, University of Cambridge (2016) doi:10.17863/CAM.6523

(72) M. Minamitsuji and H. O. Silva, Phys. Rev. D **93**, no.12, 124041 (2016) doi:10.1103/PhysRevD.93.124041 [arXiv:1604.07742 [gr-qc]].

(73) M. Marques, Relativistic rapidly differentially rotating hot neutron stars, PhD thesis, PSL Research University (Paris) (2016);

(74) E. Berti, V. Cardoso, L. C. B. Crispino, L. Gualtieri, C. Herdeiro and U. Sperhake, Int. J. Mod. Phys. D **25**, no.09, 1641022 (2016) doi:10.1142/S0218271816410224 [arXiv:1603.06146 [gr-qc]].

(75) A. Maselli, PoS MPCS 2015, 014 (2016).

(76) K. Chatziioannou, SPIN-PRECESSING COMPACT BINARIES: GRAVITATIONALWAVE MODELING AND INFORMATION EXTRACTION, PhD thesis, MONTANA STATE UNIVERSITY Bozeman, Montana (2016)

(77) D. Gerosa, U. Sperhake and C. D. Ott, Class. Quant. Grav. **33**, no.13, 135002 (2016) doi:10.1088/0264-9381/33/13/135002 [arXiv:1602.06952 [gr-qc]].

(78) N. Gurlebeck, Springer Proc. Phys. 170, 87 (2016).

(79) B. Kleihaus, J. Kunz, S. Mojica and M. Zagermann, Phys. Rev. D **93**, no.6, 064077 (2016) doi:10.1103/PhysRevD.93.064077 [arXiv:1601.05583 [gr-qc]].

(80) S. S. Lenka, P. Char and S. Banik, DAE Symp. Nucl. Phys. 61, 928 (2016).

(81) C. Bambi, Rev. Mod. Phys. **89**, no.2, 025001 (2017) doi:10.1103/RevModPhys.89.025001 [arXiv:1509.03884 [gr-qc]].

(82) P. Chen, T. Suyama and J. Yokoyama, Phys. Rev. D **92**, 124016 (2015) doi:10.1103/PhysRevD.92.124016 [arXiv:1508.01384 [gr-qc]].

(83) M. Horbatsch, H. O. Silva, D. Gerosa, P. Pani, E. Berti, L. Gualtieri and U. Sperhake, Class. Quant. Grav. **32**, no.20, 204001 (2015) doi:10.1088/0264-9381/32/20/204001 [arXiv:1505.07462 [gr-qc]].

(84) G. Pappas and T. P. Sotiriou, Mon. Not. Roy. Astron. Soc. **453**, no.3, 2862-2876 (2015) doi:10.1093/mnras/stv1819 [arXiv:1505.02882 [gr-qc]].

(85) K. Henttunen, NUMERICAL STUDIES OF DARK ENERGY MODELS AND OBSERVATIONS, PhD thesis, University of Turku (2015);

(86) K. Glampedakis, G. Pappas, H. O. Silva and E. Berti, Phys. Rev. D **92**, no.2, 024056 (2015) doi:10.1103/PhysRevD.92.024056 [arXiv:1504.02455 [gr-qc]].

(87) K. Yagi and N. Yunes, Phys. Rev. D **91**, no.12, 123008 (2015) doi:10.1103/PhysRevD.91.123008 [arXiv:1503.02726 [gr-qc]].

(88) S. H. Hendi, G. H. Bordbar, B. Eslam Panah and M. Najafi, Astrophys. Space Sci. **358**, no.2, 30 (2015) doi:10.1007/s10509-015-2429-x [arXiv:1503.01011 [gr-qc]].

(89) G. H. Bordbar, S. H. Hendi and B. Eslam Panah, Eur. Phys. J. Plus **131**, no.9, 315 (2016) doi:10.1140/epjp/i2016-16315-0 [arXiv:1502.02929 [gr-qc]].

(90) E. Berti, E. Barausse, V. Cardoso, L. Gualtieri, P. Pani, U. Sperhake, L. C. Stein, N. Wex, K. Yagi and T. Baker, *et al.* Class. Quant. Grav. **32**, 243001 (2015) doi:10.1088/0264-9381/32/24/243001 [arXiv:1501.07274 [gr-qc]].

(91) C. F. B. Macedo, "Compact Objects in General Relativity and Beyond," PhD thesis, UNIVERSIDADE FEDERAL DO PARA (2015)

(92) R. F. P. Mendes, Phys. Rev. D **91**, no.6, 064024 (2015) doi:10.1103/PhysRevD.91.064024 [arXiv:1412.6789 [gr-qc]].

(93) G. Pappas and T. P. Sotiriou, Phys. Rev. D **91**, no.4, 044011 (2015) doi:10.1103/PhysRevD.91.044011 [arXiv:1412.3494 [gr-qc]].

(94) H. O. Silva, C. F. B. Macedo, E. Berti and L. C. B. Crispino, Class. Quant. Grav. **32**, 145008 (2015) doi:10.1088/0264-9381/32/14/145008 [arXiv:1411.6286 [gr-qc]].

(95) J. Sultana, B. Bose and D. Kazanas, Int. J. Mod. Phys. D **23**, 1450090 (2014) doi:10.1142/S021827181450090

(96) H. O. Silva, H. Sotani, E. Berti and M. Horbatsch, Phys. Rev. D **90**, no.12, 124044 (2014) doi:10.1103/PhysRevD.90.124044 [arXiv:1410.2511 [gr-qc]].

(97) K. Taniguchi, M. Shibata and A. Buonanno, Phys. Rev. D **91**, no.2, 024033 (2015) doi:10.1103/PhysRevD.91.024033 [arXiv:1410.0738 [gr-qc]].

(98) R. F. P. Mendes, "Aspectos quânticos e clássicos da instabilidade de campos fundamentais em espaços-tempos astrofísicos," PhD thesis (2014)

(99) B. Kleihaus, J. Kunz and S. Mojica, Phys. Rev. D **90**, no.6, 061501 (2014) doi:10.1103/PhysRevD.90.061501 [arXiv:1407.6884 [gr-qc]].

(100) R. F. P. Mendes, G. E. A. Matsas and D. A. T. Vanzella, Phys. Rev. D **90**, no.4, 044053 (2014) doi:10.1103/PhysRevD.90.044053 [arXiv:1407.6405 [gr-qc]].

(101) P. Pani and E. Berti, Phys. Rev. D **90**, no.2, 024025 (2014) doi:10.1103/PhysRevD.90.024025 [arXiv:1405.4547 [gr-qc]].

(102) H. Sotani, Phys. Rev. D **89**, no.6, 064031 (2014) doi:10.1103/PhysRevD.89.064031 [arXiv:1402.5699 [astro-ph.HE]].

(103) A. Tsokaros, Class. Quant. Grav. **31**, 025021 (2014) doi:10.1088/0264-9381/31/2/025021

(104) C. Palenzuela, E. Barausse, M. Ponce and L. Lehner, Phys. Rev. D **89**, no.4, 044024 (2014) doi:10.1103/PhysRevD.89.044024 [arXiv:1310.4481 [gr-qc]].

A.86. P. G. Nedkova, V. K. Tinchev and **S. S. Yazadjiev**, "Shadow of a rotating traversable wormhole," Phys. Rev. D **88**, no. 12, 124019 (2013)

[arXiv:1307.7647 [gr-qc]].

Забелязани независими цитати:

(1) R. Saleem, M. I. Aslam and S. Shahid, Eur. Phys. J. C **84**, no.5, 480 (2024) doi:10.1140/epjc/s10052-024-12853-z

(2) A. Uniyal, S. Chakrabarti, R. Pantig, A. Ovgun, New Astronomy, Volume 111, (2024) 102249; https://doi.org/10.1016/j.newast.2024.102249

(3) A. Errehymy, S. K. Maurya, G. E. Vîlcu, M. A. Khan and M. Daoud, Astropart. Phys. **160**, 102972 (2024) doi:10.1016/j.astropartphys.2024.102972

(4) B. Azad, J. L. Blázquez-Salcedo, F. S. Khoo and J. Kunz, [arXiv:2403.08387 [gr-qc]].

(5) R. Ali, X. Tiecheng, R. Babar and A. Ovgun, [arXiv:2402.07657 [gr-qc]].

(6) N. Tsukamoto, [arXiv:2401.07846 [gr-qc]].

(7) Q. Sun, Y. Zhang, C. H. Xie and Q. Q. Li, [arXiv:2401.08693 [gr-qc]].

(8) F. S. Khoo, B. Azad, J. L. Blázquez-Salcedo, L. M. González-Romero, B. Kleihaus, J. Kunz and F. Navarro-Lérida, Phys. Rev. D **109**, no.8, 084013 (2024) doi:10.1103/PhysRevD.109.084013 [arXiv:2401.02898 [gr-qc]].

(9) J. Gui, X. Ceng, H. Ye and Y. Han, doi:10.1360/sspma-2023-0419

(10) K. J. He, Z. Luo, S. Guo and G. P. Li, Chin. Phys. C **48**, no.6, 065105 (2024) doi:10.1088/1674-1137/ad34bf

(11) Z. Luo, H. Yu and J. Li, Phys. Rev. D **109**, no.10, 104006 (2024) doi:10.1103/PhysRevD.109.104006 [arXiv:2312.07018 [gr-qc]].

(12) S. Y. Salil, K. Nozari and S. Saghafi, doi:10.1139/cjp-2023-0244

(13) G. Giribet, E. R. de Celis and P. Schmied, [arXiv:2311.06388 [gr-qc]].

(14) B. Kiczek, "Structures and traces of dark matter in different physical systems - from condensed matter to black hole physics," PhD thesis,MARIA CURIE-SKLODOWSKA UNIVERSITY , LUBLIN (2023)

(15) S. W. Kim, Eur. Phys. J. C **84**, no.2, 128 (2024) doi:10.1140/epjc/s10052-024-12479-1 [arXiv:2311.00348 [gr-qc]].

(16) T. Tangphati, P. Channuie, K. Bamba and D. Momeni, [arXiv:2310.16916 [gr-qc]].

(17) B. Azad, Lect. Notes Phys. **1022**, 3-30 (2023) doi:10.1007/978-3-031-42096-2_1

(18) T. Nikolakopoulou, "Wormholes and islands," PhD thesis, Institute for Theoretical Physics Amsterdam (ITFA) (2023)

(19) T. T. Sui, Q. M. Fu and W. D. Guo, Phys. Lett. B **845**, 138135 (2023) doi:10.1016/j.physletb.2023.138135 [arXiv:2311.10930 [gr-qc]].

(20) S. Kumar, A. Uniyal and S. Chakrabarti, Phys. Rev. D **109**, no.10, 104012 (2024) doi:10.1103/PhysRevD.109.104012 [arXiv:2308.05545 [gr-qc]].

(21) V. A. Ishkaeva and S. V. Sushkov, Phys. Rev. D **108**, no.8, 084054 (2023) doi:10.1103/PhysRevD.108.084054 [arXiv:2308.02268 [gr-qc]].

(22) M. Wang, G. Guo, P. Yan, S. Chen and J. Jing, [arXiv:2307.16748 [gr-qc]].

(23) T. Tangphati, B. Chaihao, D. Samart, P. Channuie and D. Momeni, Nucl. Phys. B **999**, 116446 (2024) doi:10.1016/j.nuclphysb.2024.116446 [arXiv:2307.13968 [gr-qc]].

(24) X. He, S. Zhu, Y. Yu, A. Karamat, R. Babar and R. Ali, Int. J. Geom. Meth. Mod. Phys. **20**, no.12, 2350205 (2023) doi:10.1142/S0219887823502055

(25) A. Cisterna, K. Müller, K. Pallikaris and A. Viganò, Phys. Rev. D **108**, no.2, 024066 (2023) doi:10.1103/PhysRevD.108.024066 [arXiv:2306.14541 [gr-qc]].

(26) A. Errehymy, S. Hansraj, S. K. Maurya, C. Hansraj and M. Daoud, Phys. Dark Univ. **41**, 101258 (2023) doi:10.1016/j.dark.2023.101258

(27) K. Nozari and S. Saghafi, Eur. Phys. J. C **83**, no.7, 588 (2023) doi:10.1140/epjc/s10052-023-11755-w [arXiv:2305.17237 [gr-qc]].

(28) H. K. Nguyen and M. Azreg-Aïnou, [arXiv:2305.15450 [gr-qc]].

(29) H. K. Nguyen and M. Azreg-Aïnou, Eur. Phys. J. C **83**, no.7, 626 (2023) doi:10.1140/epjc/s10052-023-11805-3 [arXiv:2305.04321 [gr-qc]].

(30) H. Huang, J. Kunz, J. Yang and C. Zhang, Phys. Rev. D **107**, no.10, 104060 (2023) doi:10.1103/PhysRevD.107.104060 [arXiv:2303.11885 [gr-qc]].

(31) A. Uniyal, S. Chakrabarti, R. C. Pantig and A. Övgün, [arXiv:2303.07174 [gr-qc]].

(32) X. X. Zeng, K. J. He, J. Pu, G. p. Li and Q. Q. Jiang, Eur. Phys. J. C **83**, no.10, 897 (2023) doi:10.1140/epjc/s10052-023-12079-5 [arXiv:2302.03692 [gr-qc]].

(33) H. Chakrabarty, A. Chatrabhuti, D. Malafarina, B. Silasan and T. Tangphati, JCAP **08**, 018 (2023) doi:10.1088/1475-7516/2023/08/018 [arXiv:2302.01564 [gr-qc]].

(34) B. Azad, J. L. Blazquez-Salcedo, F. S. Khoo and J. Kunz, Phys. Lett. B **848**, 138349 (2024) doi:10.1016/j.physletb.2023.138349 [arXiv:2301.05243 [gr-qc]].

(35) S. W. Kim, J. Korean Phys. Soc. **82**, no.4, 436-441 (2023) doi:10.1007/s40042-022-00699-1 [arXiv:2301.02793 [gr-qc]].

(36) B. Azad, J. L. Blázquez-Salcedo, X. Y. Chew, J. Kunz and D. h. Yeom, Phys. Rev. D **107**, no.8, 084024 (2023) doi:10.1103/PhysRevD.107.084024 [arXiv:2212.12601 [gr-qc]].

(37) P. H. Mou, Y. X. Chen, K. J. He and G. P. Li, Commun. Theor. Phys. **74**, no.12, 125401 (2022) doi:10.1088/1572-9494/ac957f

(38) S. Guo, G. R. Li and E. W. Liang, Eur. Phys. J. C **83**, no.7, 663 (2023) doi:10.1140/epjc/s10052-023-11842-y [arXiv:2210.03010 [gr-qc]].

(39) R. C. Pantig and A. Övgün, Fortsch. Phys. **71**, no.1, 2200164 (2023) doi:10.1002/prop.202200164 [arXiv:2210.00523 [gr-qc]].

(40) M. Wang, S. Chen and J. Jing, Sci. China Phys. Mech. Astron. **66**, no.11, 110411 (2023) doi:10.1007/s11433-023-2152-y [arXiv:2208.10219 [gr-qc]].

(41) R. C. Pantig, A. Övgün and D. Demir, Eur. Phys. J. C **83**, no.3, 250 (2023) doi:10.1140/epjc/s10052-023-11400-6 [arXiv:2208.02969 [gr-qc]].

(42) Q. Li, C. Ma, Y. Zhang, Z. W. Lin and P. F. Duan, Eur. Phys. J. C **82**, no.7, 658 (2022) doi:10.1140/epjc/s10052-022-10623-3 [arXiv:2307.04144 [gr-qc]].

(43) S. Mandal, S. Upadhyay, Y. Myrzakulov and G. Yergaliyeva, Int. J. Mod. Phys. A **38**, no.08, 2350047 (2023) doi:10.1142/S0217751X23500471 [arXiv:2207.10085 [gr-qc]].

(44) ИШКАЕВА В.А., СУШКОВ С.В., "ТЕНЬ КРОТОВОЙ НОРЫ ЭЛЛИСА-БРОННИКОВА" ПРОСТРАНСТВО, ВРЕМЯ И ФУНДАМЕНТАЛЬНЫЕ ВЗАИМОДЕЙСТВИЯ, Номер: 2 (39) Год: 2022 Страницы: 26-42

(45) B. Kiczek and M. Rogatko, wormholes–probe limit case," Eur. Phys. J. C **82**, no.7, 586 (2022) doi:10.1140/epjc/s10052-022-10545-0 [arXiv:2207.02564 [gr-qc]].

(46) J. Rayimbaev, R. C. Pantig, A. Övgün, A. Abdujabbarov and D. Demir, Annals Phys. **454**, 169335 (2023) doi:10.1016/j.aop.2023.169335 [arXiv:2206.06599 [gr-qc]].

(47) A. Uniyal, R. C. Pantig and A. Övgün, Phys. Dark Univ. **40**, 101178 (2023) doi:10.1016/j.dark.2023.101178 [arXiv:2205.11072 [gr-qc]].

(48) V. Sharma and S. Ghosh, Eur. Phys. J. Plus **137**, no.8, 881 (2022) doi:10.1140/epjp/s13360-022-03086-8 [arXiv:2205.08865 [gr-qc]].

(49) V. Sharma and S. Ghosh, Eur. Phys. J. C **82**, no.8, 702 (2022) doi:10.1140/epjc/s10052-022-10682-6 [arXiv:2205.05973 [gr-qc]].

(50) M. Wang, S. Chen and J. Jing, Commun. Theor. Phys. **74**, no.9, 097401 (2022) doi:10.1088/1572-9494/ac6e5c [arXiv:2205.05855 [gr-qc]].

(51) S. Barton, C. Kiefer, B. Kleihaus and J. Kunz, Eur. Phys. J. C **82**, no.9, 802 (2022) doi:10.1140/epjc/s10052-022-10761-8 [arXiv:2204.08232 [gr-qc]].

(52) B. Bezdekova, V. Perlick and J. Bicak, J. Math. Phys. **63**, no.9, 092501 (2022) doi:10.1063/5.0106433 [arXiv:2204.05593 [gr-qc]].

(53) S. Giri, H. Nandan, L. K. Joshi and S. D. Maharaj, Eur. Phys. J. C **82**, no.4, 298 (2022) doi:10.1140/epjc/s10052-022-10274-4 [arXiv:2204.10988 [gr-qc]].

(54) R. Shaikh, "Shadows cast by rotating wormholes," MG15, 600-605, doi:10.1142/9789811258251_0078

(55) M. Wang, G. Guo, S. Chen and J. Jing, Chin. Phys. C **47**, no.1, 015102 (2023) doi:10.1088/1674-1137/ac94bc [arXiv:2112.04170 [gr-qc]].

(56) K. Kostaros and G. Pappas, Class. Quant. Grav. **39**, no.13, 134001 (2022) doi:10.1088/1361-6382/ac7028 [arXiv:2111.09367 [gr-qc]].

(57) K. K. Nandi, R. N. Izmailov, A. A. Potapov and N. G. Migranov, Eur. Phys. J. C **81**, no.11, 997 (2021) doi:10.1140/epjc/s10052-021-09791-5

(58) A. Dima, "Testing the gravitational phenomenology of compact objects: superradiance, scalarization and screening mechanisms,"PhD thesis, SISSA, Trieste (2021)

(59) X. Y. Chew and K. G. Lim, Phys. Rev. D **105**, no.8, 084058 (2022) doi:10.1103/PhysRevD.105.084058 [arXiv:2109.00262 [gr-qc]].

(60) F. Rahaman, K. N. Singh, R. Shaikh, T. Manna and S. Aktar, Class. Quant. Grav. **38**, no.21, 215007 (2021) doi:10.1088/1361-6382/ac213b [arXiv:2108.09930 [gr-qc]].

(61) S. Takeuchi, Eur. Phys. J. C **81**, no.12, 1119 (2021) doi:10.1140/epjc/s10052-021-09855-6 [arXiv:2108.08030 [hep-th]].

(62) M. Bouhmadi-López, C. Y. Chen, X. Y. Chew, Y. C. Ong and D. h. Yeom, JCAP **10**, 059 (2021) doi:10.1088/1475-7516/2021/10/059 [arXiv:2108.07302 [gr-qc]].

(63) S. W. Wei and Y. C. Zou, [arXiv:2108.02415 [gr-qc]].

(64) Z. Stuchlík and J. Vrba, Universe **7**, no.8, 279 (2021) doi:10.3390/universe7080279 [arXiv:2108.09562 [gr-qc]].

(65) W. Li, B. Yang, C. Ma, X. Zhou, Z. Feng and G. He, Mod. Phys. Lett. A **36**, no.22, 2150164 (2021) doi:10.1142/S0217732321501649

(66) M. A. Bugaev, I. D. Novikov, S. V. Repin and A. A. Shelkovnikova, Astron. Rep. **65**, no.12, 1185-1193 (2021) doi:10.1134/S1063772921120027 [arXiv:2106.03256 [gr-qc]].

(67) P. Kocherlakota *et al.* [Event Horizon Telescope], Phys. Rev. D **103**, no.10, 104047 (2021) doi:10.1103/PhysRevD.103.104047 [arXiv:2105.09343 [gr-qc]].

(68) V. Perlick and O. Y. Tsupko, Phys. Rept. **947**, 1-39 (2022) doi:10.1016/j.physrep.2021.10.004 [arXiv:2105.07101 [gr-qc]].

(69) C. Bambi and D. Stojkovic, Universe **7**, no.5, 136 (2021) doi:10.3390/universe7050136 [arXiv:2105.00881 [gr-qc]].

(70) Z. Chang and Q. H. Zhu, JCAP **09**, 003 (2021) doi:10.1088/1475-7516/2021/09/003 [arXiv:2104.14221 [gr-qc]].

(71) M. Wang, S. Chen and J. Jing, Phys. Rev. D **104**, no.8, 084021 (2021) doi:10.1103/PhysRevD.104.084021 [arXiv:2104.12304 [gr-qc]].

(72) N. Godani and G. C. Samanta, New Astron. **84**, 101534 (2021) doi:10.1016/j.newast.2020.101534

(73) S. Kasuya and M. Kobayashi, Phys. Rev. D **103**, no.10, 104050 (2021) doi:10.1103/PhysRevD.103.104050 [arXiv:2103.13086 [gr-qc]].

(74) M. Zhang and J. Jiang, Phys. Lett. B **816**, 136213 (2021) doi:10.1016/j.physletb.2021.136213 [arXiv:2103.11416 [gr-qc]].

(75) B. Ghosh, S. Dutta, S. Mukerji and S. Chakraborty, Int. J. Mod. Phys. A **36**, no.06, 06 (2021) doi:10.1142/S0217751X21500469 [arXiv:2112.00338 [gr-qc]].

(76) X. Y. Chew, V. Dzhunushaliev, V. Folomeev, B. Kleihaus and J. Kunz, AIP Conf. Proc. **2319**, no.1, 040010 (2021) doi:10.1063/5.0036986

(77) B. H. Lee, W. Lee and Y. S. Myung, Phys. Rev. D **103**, no.6, 064026 (2021) doi:10.1103/PhysRevD.103.0640 [arXiv:2101.04862 [gr-qc]].

(78) H. R. Zhang, P. Z. He, Lei-Shao, Y. Chen and X. R. Hu, Mod. Phys. Lett. A **37**, no.24, 2250145 (2022) doi:10.1142/S0217732322501450 [arXiv:2101.01374 [gr-qc]].

(79) R. K. Karimov, R. N. Izmailov, A. A. Potapov and K. K. Nandi, Eur. Phys. J. C **80**, no.12, 1138 (2020) doi:10.1140/epjc/s10052-020-08717-x [arXiv:2012.13564 [gr-qc]].

(80) J. L. Blázquez-Salcedo, X. Y. Chew, J. Kunz and D. H. Yeom, Eur. Phys. J. C **81**, no.9, 858 (2021) doi:10.1140/epjc/s10052-021-09645-0 [arXiv:2012.06213 [gr-qc]].

(81) M. Zhang and J. Jiang, Phys. Rev. D **103**, no.2, 025005 (2021) doi:10.1103/PhysRevD.103.025005 [arXiv:2010.12194 [gr-qc]].

(82) E. Contreras, Á. Rincón, G. Panotopoulos and P. Bargueño, Annals Phys. **432**, 168567 (2021) doi:10.1016/j.aop.2021.168567 [arXiv:2010.03734 [gr-qc]].

(83) X. Y. Chew and K. G. Lim, Phys. Rev. D **102**, no.12, 124068 (2020) doi:10.1103/PhysRevD.102.124068 [arXiv:2009.13334 [gr-qc]].

(84) M. Wielgus, J. Horak, F. Vincent and M. Abramowicz, Phys. Rev. D **102**, no.8, 084044 (2020) doi:10.1103/PhysRevD.102.084044 [arXiv:2008.10130 [gr-qc]].

(85) K. Jusufi, Gen. Rel. Grav. **53**, no.9, 87 (2021) doi:10.1007/s10714-021-02856-6 [arXiv:2007.16019 [gr-qc]].

(86) H. Liu, P. Liu, Y. Liu, B. Wang and J. P. Wu, Phys. Rev. D **103**, no.2, 024006 (2021) doi:10.1103/PhysRevD.103.024006 [arXiv:2007.09078 [gr-qc]].

(87) S. Paul, Phys. Rev. D **102**, no.6, 064045 (2020) doi:10.1103/PhysRevD.102.064045 [arXiv:2007.05509 [gr-qc]].

(88) X. Wang, P. C. Li, C. Y. Zhang and M. Guo, Phys. Lett. B **811**, 135930 (2020) doi:10.1016/j.physletb.2020.135930 [arXiv:2007.03327 [gr-qc]].

(89) S. G. Ghosh, M. Amir and S. D. Maharaj, Nucl. Phys. B **957**, 115088 (2020) doi:10.1016/j.nuclphysb.2020.11 [arXiv:2006.07570 [gr-qc]].

(90) A. Övgün and İ. Sakallı, Class. Quant. Grav. **37**, no.22, 225003 (2020) doi:10.1088/1361-6382/abb579 [arXiv:2005.00982 [gr-qc]].

(91) R. Kumar and S. G. Ghosh, Class. Quant. Grav. **38**, no.8, 8 (2021) doi:10.1088/1361-6382/abdd48 [arXiv:2004.07501 [gr-qc]].

(92) S. Sau, I. Banerjee and S. SenGupta, Phys. Rev. D **102**, no.6, 064027 (2020) doi:10.1103/PhysRevD.102.0640 [arXiv:2004.02840 [gr-qc]].

(93) C. Y. Chen, JCAP **05**, 040 (2020) doi:10.1088/1475-7516/2020/05/040 [arXiv:2004.01440 [gr-qc]].

(94) R. C. Pantig and E. T. Rodulfo, Chin. J. Phys. **68**, 236-257 (2020) doi:10.1016/j.cjph.2020.08.001 [arXiv:2003.06829 [gr-qc]].

(95) S. W. Wei and Y. X. Liu, Eur. Phys. J. Plus **136**, no.4, 436 (2021) doi:10.1140/epjp/s13360-021-01398-9 [arXiv:2003.07769 [gr-qc]].

(96) S. Vagnozzi, C. Bambi and L. Visinelli, Class. Quant. Grav. **37**, no.8, 087001 (2020) doi:10.1088/1361-6382/ab7965 [arXiv:2001.02986 [gr-qc]].

(97) M. Heydari-Fard and F. Eghbalpoor, Iran. J. Phys. Res. **20**, no.4, 737-746 (2020) doi:10.47176/ijpr.20.4.71085

(98) A. Tripathi, B. Zhou, A. B. Abdikamalov, D. Ayzenberg and C. Bambi, Phys. Rev. D **101**, no.6, 064030 (2020) doi:10.1103/PhysRevD.101.064030 [arXiv:1912.03868 [gr-qc]].

(99) S. Paul, R. Shaikh, P. Banerjee and T. Sarkar, JCAP **03**, 055 (2020) doi:10.1088/1475-7516/2020/03/055 [arXiv:1911.05525 [gr-qc]].

(100) A. H. Ziaie and C. Corda, Mod. Phys. Lett. A **36**, no.40, 2150279 (2021) doi:10.1142/S0217732321502795 [arXiv:1910.01904 [gr-qc]].

(101) R. Shaikh and P. S. Joshi, JCAP **10**, 064 (2019) doi:10.1088/1475-7516/2019/10/064 [arXiv:1909.10322 [gr-qc]].

(102) M. Zhang and M. Guo, Eur. Phys. J. C **80**, no.8, 790 (2020) doi:10.1140/epjc/s10052-020-8389-5 [arXiv:1909.07033 [gr-qc]].

(103) M. Wang, S. Chen and J. Jing, Eur. Phys. J. C **81**, no.6, 509 (2021) doi:10.1140/epjc/s10052-021-09287-2 [arXiv:1908.04527 [gr-qc]].

(104) X. Y. Chew, V. Dzhunushaliev, V. Folomeev, B. Kleihaus and J. Kunz, Phys. Rev. D **100**, no.4, 044019 (2019) doi:10.1103/PhysRevD.100.044019 [arXiv:1906.08742 [gr-qc]].

(105) A. Övgün, İ. Sakallı, J. Saavedra and C. Leiva, Mod. Phys. Lett. A **35**, no.20, 2050163 (2020) doi:10.1142/S0217732320501631 [arXiv:1906.05954 [hep-th]].

(106) E. Contreras, Á. Rincón, G. Panotopoulos, P. Bargueño and B. Koch, Phys. Rev. D **101**, no.6, 064053 (2020) doi:10.1103/PhysRevD.101.064053 [arXiv:1906.06990 [gr-qc]].

(107) F. Long, J. Wang, S. Chen and J. Jing, JHEP **10**, 269 (2019) doi:10.1007/JHEP10(2019)269 [arXiv:1906.04456 [gr-qc]].

(108) M. S. Ali and M. Amir, [arXiv:1906.04146 [gr-qc]].

(109) E. Contreras, J. M. Ramirez-Velasquez, Á. Rincón, G. Panotopoulos and P. Bargueño, Eur. Phys. J. C **79**, no.9, 802 (2019) doi:10.1140/epjc/s10052-019-7309-z [arXiv:1905.11443 [gr-qc]].

(110) R. Shaikh, P. Banerjee, S. Paul and T. Sarkar, JCAP **07**, 028 (2019) [erratum: JCAP **12**, E01 (2023)] doi:10.1088/1475-7516/2019/07/028 [arXiv:1905.06932 [gr-qc]].

(111) M. Wang, S. Chen, J. Wang and J. Jing, Eur. Phys. J. C **80**, no.2, 110 (2020) doi:10.1140/epjc/s10052-020-7641-3 [arXiv:1904.12423 [gr-qc]].

(112) R. Shaikh, Phys. Rev. D **100**, no.2, 024028 (2019) doi:10.1103/PhysRevD.100.024028 [arXiv:1904.08322 [gr-qc]].

(113) S. W. Wei, Y. C. Zou, Y. X. Liu and R. B. Mann, JCAP **08**, 030 (2019) doi:10.1088/1475-7516/2019/08/030 [arXiv:1904.07710 [gr-qc]].

(114) K. Akiyama *et al.* [Event Horizon Telescope], Astrophys. J. Lett. **875**, no.1, L5 (2019) doi:10.3847/2041-8213/ab0f43 [arXiv:1906.11242 [astro-ph.GA]].

(115) V. Cardoso and P. Pani, Living Rev. Rel. **22**, no.1, 4 (2019) doi:10.1007/s41114-019-0020-4 [arXiv:1904.05363 [gr-qc]].

(116) M. R. Mehdizadeh and A. H. Ziaie, Mod. Phys. Lett. A **35**, no.06, 2050017 (2019) doi:10.1142/S0217732320500170 [arXiv:1903.10907 [gr-qc]].

(117) R. Shaikh, P. Banerjee, S. Paul and T. Sarkar, Phys. Rev. D **99**, no.10, 104040 (2019) doi:10.1103/PhysRevD.99.104040 [arXiv:1903.08211 [gr-qc]].

(118) R. Shaikh, P. Banerjee, S. Paul and T. Sarkar, Phys. Lett. B **789**, 270-275 (2019) [erratum: Phys. Lett. B **791**, 422-423 (2019)] doi:10.1016/j.physletb.2018.12.030 [arXiv:1811.08245 [gr-qc]].

(119) M. R. Mehdizadeh and A. H. Ziaie, Phys. Rev. D **99**, no.6, 064033 (2019) doi:10.1103/PhysRevD.99.064033 [arXiv:1811.03364 [gr-qc]].

(120) S. W. Wei, Y. X. Liu and R. B. Mann, Phys. Rev. D **99**, no.4, 041303 (2019) doi:10.1103/PhysRevD.99.04130 [arXiv:1811.00047 [gr-qc]].

(121) H. M. Wang, Y. M. Xu and S. W. Wei, JCAP **03**, 046 (2019) doi:10.1088/1475-7516/2019/03/046 [arXiv:1810.12767 [gr-qc]].

(122) R. Shaikh, Phys. Rev. D **98**, no.6, 064033 (2018) doi:10.1103/PhysRevD.98.064033 [arXiv:1807.07941 [gr-qc]].

(123) Y. Huang, Y. P. Dong and D. J. Liu, Int. J. Mod. Phys. D **27**, no.12, 1850114 (2018) doi:10.1142/S0218271818501146 [arXiv:1807.06268 [gr-qc]].

(124) A. Övgün, İ. Sakallı and J. Saavedra, JCAP **10**, 041 (2018) doi:10.1088/1475-7516/2018/10/041 [arXiv:1807.00388 [gr-qc]].

(125) M. Amir, K. Jusufi, A. Banerjee and S. Hansraj, Class. Quant. Grav. **36**, no.21, 215007 (2019) doi:10.1088/1361-6382/ab42be [arXiv:1806.07782 [gr-qc]].

(126) J. L. Blázquez-Salcedo, X. Y. Chew and J. Kunz, Phys. Rev. D **98**, no.4, 044035 (2018) doi:10.1103/PhysRevD.98.044035 [arXiv:1806.03282 [gr-qc]].

(127) X. G. Lan and J. Pu, Mod. Phys. Lett. A **33**, no.17, 1850099 (2018) doi:10.1142/S0217732318500992

(128) M. Amir, A. Banerjee and S. D. Maharaj, Annals Phys. **400**, 198-207 (2019) doi:10.1016/j.aop.2018.11.004 [arXiv:1805.12435 [gr-qc]].

(129) C. A. Benavides-Gallego, A. A. Abdujabbarov and C. Bambi, Eur. Phys. J. C **78**, no.9, 694 (2018) doi:10.1140/epjc/s10052-018-6170-9 [arXiv:1804.09434 [gr-qc]].

(130) H. Chakrabarty, A. B. Abdikamalov, A. A. Abdujabbarov and C. Bambi, Phys. Rev. D **98**, no.2, 024022 (2018) doi:10.1103/PhysRevD.98.024022 [arXiv:1804.00461 [gr-qc]].

(131) R. Shaikh, Phys. Rev. D **98**, no.2, 024044 (2018) doi:10.1103/PhysRevD.98.024044 [arXiv:1803.11422 [gr-qc]].

(132) C. Hoffmann, T. Ioannidou, S. Kahlen, B. Kleihaus and J. Kunz, Phys. Rev. D **97**, no.12, 124019 (2018) doi:10.1103/PhysRevD.97.124019 [arXiv:1803.11044 [gr-qc]].

(133) M. Rogatko, Phys. Rev. D **97**, no.6, 064023 (2018) doi:10.1103/PhysRevD.97.064023 [arXiv:1803.08296 [hep-th]].

(134) P. V. P. Cunha, C. A. R. Herdeiro and M. J. Rodriguez, Phys. Rev. D **97**, no.8, 084020 (2018) doi:10.1103/PhysRevD.97.084020 [arXiv:1802.02675 [gr-qc]].

(135) X. Y. Chew, B. Kleihaus and J. Kunz, Phys. Rev. D **97**, no.6, 064026 (2018) doi:10.1103/PhysRevD.97.06402 [arXiv:1802.00365 [gr-qc]].

(136) F. Willenborg, S. Grunau, B. Kleihaus and J. Kunz, Phys. Rev. D **97**, no.12, 124002 (2018) doi:10.1103/PhysRevD.97.124002 [arXiv:1801.09769 [gr-qc]].

(137) M. Wang, S. Chen and J. Jing, Phys. Rev. D **98**, no.10, 104040 (2018) doi:10.1103/PhysRevD.98.104040 [arXiv:1801.02118 [gr-qc]].

(138) M. Rogatko, Phys. Rev. D **97**, no.2, 024001 (2018) doi:10.1103/PhysRevD.97.024001 [arXiv:1801.01987 [hep-th]].

(139) P. V. P. Cunha and C. A. R. Herdeiro, Gen. Rel. Grav. **50**, no.4, 42 (2018) doi:10.1007/s10714-018-2361-9 [arXiv:1801.00860 [gr-qc]].

(140) C. Hoffmann, T. Ioannidou, S. Kahlen, B. Kleihaus and J. Kunz, Phys. Lett. B **778**, 161-166 (2018) doi:10.1016/j.physletb.2018.01.021 [arXiv:1712.02143 [gr-qc]].

(141) C. Gao, Y. Lu, S. Yu and Y. G. Shen, Phys. Rev. D **97**, no.10, 104013 (2018) doi:10.1103/PhysRevD.97.10401 [arXiv:1711.00996 [gr-qc]].

(142) M. Wang, S. Chen and J. Jing, Phys. Rev. D **97**, no.6, 064029 (2018) doi:10.1103/PhysRevD.97.064029 [arXiv:1710.07172 [gr-qc]].

(143) A. Mishra and S. Chakraborty, Eur. Phys. J. C **78**, no.5, 374 (2018) doi:10.1140/epjc/s10052-018-5854-5 [arXiv:1710.06791 [gr-qc]].

(144) M. Wang, S. Chen and J. Jing, JCAP **10**, 051 (2017) doi:10.1088/1475-7516/2017/10/051 [arXiv:1707.09451 [gr-qc]].

(145) V. Cardoso and P. Pani, [arXiv:1707.03021 [gr-qc]].

(146) B. Kleihaus and J. Kunz, Fundam. Theor. Phys. **189**, 35-61 (2017) doi:10.1007/978-3-319-55182-1_3

(147) S. Chen and J. Jing, [arXiv:1610.00886 [gr-qc]].

(148) T. Ohgami and N. Sakai, Phys. Rev. D **94**, no.6, 064071 (2016) doi:10.1103/PhysRevD.94.064071 [arXiv:1704.07093 [gr-qc]].

(149) P. V. P. Cunha, J. Grover, C. Herdeiro, E. Radu, H. Runarsson and A. Wittig, Phys. Rev. D **94**, no.10, 104023 (2016) doi:10.1103/PhysRevD.94.104023 [arXiv:1609.01340 [gr-qc]].

(150) X. Y. Chew, B. Kleihaus and J. Kunz, Phys. Rev. D **94**, no.10, 104031 (2016) doi:10.1103/PhysRevD.94.1040 [arXiv:1608.05253 [gr-qc]].

(151) Y. Huang, S. Chen and J. Jing, Eur. Phys. J. C **76**, no.11, 594 (2016) doi:10.1140/epjc/s10052-016-4442-9 [arXiv:1606.04634 [gr-qc]].

(152) A. Abdujabbarov, B. Juraev, B. Ahmedov and Z. Stuchlík, Astrophys. Space Sci. **361**, no.7, 226 (2016) doi:10.1007/s10509-016-2818-9

(153) M. Amir and S. G. Ghosh, Phys. Rev. D **94**, no.2, 024054 (2016) doi:10.1103/PhysRevD.94.024054 [arXiv:1603.06382 [gr-qc]].

(154) F. Atamurotov, S. G. Ghosh and B. Ahmedov, Eur. Phys. J. C **76**, no.5, 273 (2016) doi:10.1140/epjc/s10052-016-4122-9 [arXiv:1506.03690 [gr-qc]].

(155) T. Ohgami and N. Sakai, Phys. Rev. D **91**, no.12, 124020 (2015) doi:10.1103/PhysRevD.91.124020 [arXiv:1704.07065 [gr-qc]].

(156) A. Avendao, Probing the regular nature of the spacetime by direct measurement of black hole properties, PhD thesis, Observatorio Astronomico Nacional de Colombia (2015);

(157) N. Tsukamoto and C. Bambi, Phys. Rev. D **91**, 104040 (2015) doi:10.1103/PhysRevD.91.104040 [arXiv:1503.06386 [gr-qc]].

(158) S. W. Wei, P. Cheng, Y. Zhong and X. N. Zhou, JCAP **08**, 004 (2015) doi:10.1088/1475-7516/2015/08/004 [arXiv:1501.06298 [gr-qc]].

(159) V. Dzhunushaliev, V. Folomeev, C. Hoffmann, B. Kleihaus and J. Kunz, Phys. Rev. D **90**, no.12, 124038 (2014) doi:10.1103/PhysRevD.90.124038 [arXiv:1409.6978 [gr-qc]].

(160) B. Kleihaus and J. Kunz, Phys. Rev. D **90**, 121503 (2014) doi:10.1103/PhysRevD.90.121503 [arXiv:1409.1503 [gr-qc]].

(161) U. Papnoi, F. Atamurotov, S. G. Ghosh and B. Ahmedov, Phys. Rev. D **90**, no.2, 024073 (2014) doi:10.1103/PhysRevD.90.024073 [arXiv:1407.0834 [gr-qc]].

(162) O. Hauser, R. Ibadov, B. Kleihaus and J. Kunz, Phys. Rev. D **89**, no.6, 064010 (2014) doi:10.1103/PhysRevD.89.064010 [arXiv:1312.3539 [gr-qc]].

(163) S. W. Wei and Y. X. Liu, JCAP **11**, 063 (2013) doi:10.1088/1475-7516/2013/11/063 [arXiv:1311.4251 [gr-qc]].

(164) V. Dzhunushaliev, V. Folomeev, B. Kleihaus, J. Kunz and E. Radu, Phys. Rev. D **88**, 124028 (2013) doi:10.1103/PhysRevD.88.124028 [arXiv:1309.2448 [gr-qc]].

A.87. **S. S. Yazadjiev**, "Electrically charged dilaton black holes in an external magnetic field," Phys. Rev. D **87**, no. 8, 084068 (2013)

[arXiv:1302.5530 [gr-qc]].

Забелязани независими цитати:

(1) M. Rogatko, Phys. Rev. D **108**, no.6, 064026 (2023) doi:10.1103/PhysRevD.108.064026 [arXiv:2309.08350 [gr-qc]].

(2) Z. H. Saleem, "Subtracted Geometry," PhD thesis, University of Pennsylvania (2016)

(3) Y. K. Lim, Phys. Rev. D **95**, no.10, 104008 (2017) doi:10.1103/PhysRevD.95.104008 [arXiv:1702.05201 [gr-qc]].

(4) M. Rogatko, Phys. Rev. D **93**, no.4, 044008 (2016) doi:10.1103/PhysRevD.93.044008 [arXiv:1601.06577 [hep-th]].

(5) M. Cvetic, G. W. Gibbons and Z. H. Saleem, Phys. Rev. D **90**, no.12, 124046 (2014) doi:10.1103/PhysRevD.90.124046 [arXiv:1401.0544 [hep-th]].

(6) M. Astorino, Phys. Rev. D **89**, no.4, 044022 (2014) doi:10.1103/PhysRevD.89.044022 [arXiv:1312.1723 [gr-qc]].

(7) M. Cvetič, G. W. Gibbons, C. N. Pope and Z. H. Saleem, JHEP **09**, 001 (2014) doi:10.1007/JHEP09(2014)001 [arXiv:1310.5717 [hep-th]].

(8) M. Cvetič, M. Guica and Z. H. Saleem, JHEP **09**, 017 (2013) doi:10.1007/JHEP09(2013)017 [arXiv:1302.7032 [hep-th]].

A.88. S. Yazadjiev, "Horizon area-angular momentum-charge-magnetic fluxes inequalities in 5D Einstein-Maxwell-dilaton gravity," Class. Quant. Grav. **30**, 115010 (2013)

[arXiv:1301.1548 [hep-th]].

Забелязани независими цитати:

(1) A. Alaee, M. Khuri and H. Kunduri, Annales Henri Poincare **20**, no.2, 481-525 (2019) doi:10.1007/s00023-018-0749-4 [arXiv:1712.01764 [hep-th]].

(2) S. Dain and M. E. Gabach-Clement, Living Rev. Rel. **21**, no.1, 5 (2018) doi:10.1007/s41114-018-0014-7 [arXiv:1710.04457 [gr-qc]].

(3) M. Rogatko, [arXiv:1701.07643 [hep-th]].

(4) M. Rogatko, Phys. Rev. D **89**, no.4, 044020 (2014) doi:10.1103/PhysRevD.89.044020 [arXiv:1402.3376 [hep-th]].

(5) J. Blazquez Salcedo, Rotating objects in General Relativity and gauge theories, PhD thesis, Universidad Complutense de Madrid (2014);

(6) S. Dain, Gen. Rel. Grav. **46**, 1715 (2014) doi:10.1007/s10714-014-1715-1 [arXiv:1401.8166 [gr-qc]].

(7) J. L. Blazquez-Salcedo, J. Kunz and F. Navarro-Lerida, Phys. Rev. D **89**, no.2, 024038 (2014) doi:10.1103/PhysRevD.89.024038 [arXiv:1311.0062 [gr-qc]].

(8) Blazquez-Salcedo, J. L., Kunz, J., and Navarro-Lerida, F., Angular momentum - area - proportionality of extremal charged black holes in odd dimensions, Physics Letters B 727, 340 (2013); arXiv:1309.2088

(9) H. K. Kunduri and J. Lucietti, Living Rev. Rel. **16**, 8 (2013) doi:10.12942/lrr-2013-8 [arXiv:1306.2517 [hep-th]].

A.89. I. Stefanov, G. Gyulchev, **S. Yazadjiev**, "Quasiperiodic oscillations and Tomimatsu-Sato ?=2 space-time," Phys. Rev.D 87 (2013) 8, 083005

[1212.2878 [astro-ph.HE]]

Забелязани независими цитати:

(1) C. Bambi, [arXiv:2210.05322 [gr-qc]].

(2) E. Deligianni, J. Kunz and P. Nedkova, Phys. Rev. D **102**, no.6, 064023 (2020) doi:10.1103/PhysRevD.102.06 [arXiv:2003.01252 [gr-qc]].

(3) Z. Stuchlík and M. Kološ, Phys. Rev. D **89**, no.6, 065007 (2014) doi:10.1103/PhysRevD.89.065007 [arXiv:1403.2748 [astro-ph.HE]].

(4) A. Kotrlova, Z. Stuchlik and G. Torok, Acta Astron. **63**, 275 (2013) [arXiv:1310.1856 [astro-ph.HE]].

(5) A. N. Aliev and G. D. Esmer, Phys. Rev. D **87**, no.8, 084022 (2013) doi:10.1103/PhysRevD.87.084022 [arXiv:1303.1705 [gr-qc]].

A.90. P. Nedkova, **S. Yazadjiev**, "New Magnetized Squashed Black Holes – Thermodynamics and Hawking Radiation," Eur. Phys. J.C 73 (2013) 4, 2377

[1211.5249 [hep-th]]

Забелязани независими цитати:

(1) Y. Brihaye, C. Herdeiro, J. P. A. Novo and E. Radu, JHEP **01**, 181 (2024) doi:10.1007/JHEP01(2024)181 [arXiv:2312.02280 [gr-qc]].

(2) J. L. Blázquez-Salcedo, J. Kunz, F. Navarro-Lérida and E. Radu, JHEP **02**, 061 (2018) doi:10.1007/JHEP02(2018)061 [arXiv:1711.10483 [gr-qc]].

(3) J. L. Blázquez-Salcedo, J. Kunz, F. Navarro-Lérida and E. Radu, Phys. Lett. B **771**, 52-58 (2017) doi:10.1016/j.physletb.2017.05.014 [arXiv:1703.04163 [gr-qc]].

(4) X. D. Zhu, D. Wu, S. Q. Wu and S. Z. Yang, Gen. Rel. Grav. **48**, no.12, 154 (2016) doi:10.1007/s10714-016-2149-8 [arXiv:1606.02414 [hep-th]].

(5) Y. Kanou, H. Ishihara, M. Kimura, K. Matsuno and T. Tatsuoka, Phys. Rev. D **90**, no.8, 084004 (2014) doi:10.1103/PhysRevD.90.084004 [arXiv:1408.2956 [hep-th]].

(6) S. Q. Wu, D. Wen, Q. Q. Jiang and S. Z. Yang, Phys. Lett. B **726**, 404-407 (2013) doi:10.1016/j.physletb.2013.08.019 [arXiv:1311.7222 [hep-th]].

A.91. **S. S. Yazadjiev**, "Area-angular momentum-charge inequality for stable marginally outer trapped surfaces in 4D Einstein-Maxwell-dilaton theory," Phys. Rev. D **87**, no. 2, 024016 (2013)

[arXiv:1210.4684 [gr-qc]].

Забелязани независими цитати:

(1) A. Alaee, M. Khuri and H. Kunduri, Annales Henri Poincare **20**, no.2, 481-525 (2019) doi:10.1007/s00023-018-0749-4 [arXiv:1712.01764 [hep-th]].

(2) S. Dain and M. E. Gabach-Clement, Living Rev. Rel. **21**, no.1, 5 (2018) doi:10.1007/s41114-018-0014-7 [arXiv:1710.04457 [gr-qc]].

(3) M. Rogatko, [arXiv:1701.07643 [hep-th]].

(4) D. D. K. Chow and G. Compère, Phys. Rev. D **90**, no.2, 025029 (2014) doi:10.1103/PhysRevD.90.025029 [arXiv:1404.2602 [hep-th]].

(5) M. Rogatko, Phys. Rev. D **89**, no.4, 044020 (2014) doi:10.1103/PhysRevD.89.044020 [arXiv:1402.3376 [hep-th]].

(6) S. Dain, Gen. Rel. Grav. **46**, 1715 (2014) doi:10.1007/s10714-014-1715-1 [arXiv:1401.8166 [gr-qc]].

(7) J. L. Blazquez-Salcedo, J. Kunz and F. Navarro-Lerida, Phys. Rev. D **89**, no.2, 024038 (2014) doi:10.1103/PhysRevD.89.024038 [arXiv:1311.0062 [gr-qc]].

(8) D. Fajman and W. Simon, Adv. Theor. Math. Phys. **18**, no.3, 687-707 (2014) doi:10.4310/ATMP.2014.v18.n [arXiv:1308.3659 [gr-qc]].

(9) J. Blazquez Salcedo, Rotating objects in General Relativity and gauge theories, PhD thesis, Universidad Complutense de Madrid (2014)

(10) Tim-Torben, P. and Simon, W., Marginally outer trapped surfaces in higher dimensions, Classical and Quantum Gravity 30, 235005 (2013)

(11) Blazquez-Salcedo, J. L., Kunz, J., and Navarro-Lerida, F., Angular momentum - areaproportionality of extremal charged black holes in odd dimensions, Physics Letters B 727, 340 (2013); arXiv:1309.2088

(12) H. K. Kunduri and J. Lucietti, Living Rev. Rel. **16**, 8 (2013) doi:10.12942/lrr-2013-8 [arXiv:1306.2517 [hep-th]].

(13) T. T. Paetz and W. Simon, Class. Quant. Grav. **30**, 235005 (2013) doi:10.1088/0264-9381/30/23/235005 [arXiv:1302.3052 [gr-qc]].

A.92. P. I. Slavov and **S. S. Yazadjiev**, "Hawking radiation of asymptotically non-flat dyonic black holes in Einstein-Maxwell-dilaton gravity," Phys. Rev. D **86**, 084042 (2012)

[arXiv:1203.6309 [gr-qc]].

Забелязани независими цитати:

(1) Z. X. Ren, X. X. Zeng, Y. W. Han and C. Hu, Nucl. Phys. B **990**, 116153 (2023) doi:10.1016/j.nuclphysb.2023.116153

(2) Q. Li, C. Ma, Y. Zhang, Z. W. Lin and P. F. Duan, Eur. Phys. J. C **82**, no.7, 658 (2022) doi:10.1140/epjc/s10052-022-10623-3 [arXiv:2307.04144 [gr-qc]].

(3) G. M. Deng and Y. C. Huang, Int. J. Theor. Phys. **57**, no.3, 764-770 (2018) doi:10.1007/s10773-017-3610-5

(4) I. Sakalli and O. A. Aslan, Astrophys. Space Sci. **361**, no.4, 128 (2016) doi:10.1007/s10509-016-2714-3

(5) M. Jakir Hossain, M. Atiqur Rahman and M. I. Hossain, Int. J. Mod. Phys. D **25**, no.03, 1650034 (2016) doi:10.1142/S0218271816500346

(6) M. Atiqur Rahman, M. Jakir Hossain and M. Ilias Hossain, Astropart. Phys. **71**, 71-75 (2015) doi:10.1016/j.astropartphys.2015.05.005

(7) J. Chandler and M. H. Emam, Phys. Rev. D **91**, no.12, 125024 (2015) doi:10.1103/PhysRevD.91.125024 [arXiv:1506.06054 [gr-qc]].

(8) G. Gecim and Y. Sucu, Astrophys. Space Sci. **357**, no.2, 105 (2015) doi:10.1007/s10509-015-2332-5

(9) I. Sakalli, Eur. Phys. J. C **75**, no.4, 144 (2015) doi:10.1140/epjc/s10052-015-3369-x [arXiv:1406.5130 [gr-qc]].

(10) G. Gecim and Y. Sucu, [arXiv:1406.0290 [gr-qc]].

(11) S. Q. Wu, G. M. Deng and D. Wu, Astrophys. Space Sci. **352**, 751-762 (2014) doi:10.1007/s10509-014-1980-1 [arXiv:1401.1599 [gr-qc]].

(12) G. M. Deng, Gen. Rel. Grav. **46**, 1757 (2014) doi:10.1007/s10714-014-1757-4 [arXiv:1705.04922 [hep-th]].

(13) R. Li, Chin. Phys. Lett. **31**, 060401 (2014) doi:10.1088/0256-307X/31/6/060401

(14) I. Sakalli, Mod. Phys. Lett. A **28**, 1350109 (2013) doi:10.1142/S0217732313501095 [arXiv:1307.0340 [gr-qc]].

(15) R. Li, Eur. Phys. J. C **73**, no.2, 2296 (2013) doi:10.1140/epjc/s10052-013-2296-y [arXiv:1204.6405 [hep-th]].

A.93. D. D. Doneva and **S. S. Yazadjiev**, "Gravitational wave spectrum of anisotropic neutron stars in Cowling approximation," Phys. Rev. D **85**, 124023 (2012)

[arXiv:1203.3963 [gr-qc]].

Забелязани независими цитати:

(1) G. G. L. Nashed and S. Capozziello, [arXiv:2405.09590 [gr-qc]].

(2) S. Y. Lau, S. Ajith, V. Guedes and K. Yagi, [arXiv:2405.04653 [gr-qc]].

(3) L. L. Lopes and H. C. Das, [arXiv:2405.00072 [astro-ph.HE]].

(4) J. D. V. Arbañil, C. H. Lenzi, J. M. Z. Pretel and C. O. V. Flores, [arXiv:2404.06412 [astro-ph.SR]].

(5) T. Tangphati, I. Sakalli, A. Banerjee and A. Pradhan, [arXiv:2404.01970 [gr-qc]].

(6) T. Naz, A. Malik, H. Saleem and S. Waheed, Chin. J. Phys. **89**, 871-883 (2024) doi:10.1016/j.cjph.2024.03.03

(7) P. Beltracchi and C. Posada, [arXiv:2403.08250 [gr-qc]].

(8) S. Kaur, S. K. Maurya and S. Shukla, AIP Conf. Proc. **3087**, no.1, 030001 (2024) doi:10.1063/5.0199457

(9) O. P. Jyothilakshmi, L. J. Naik and V. Sreekanth, Eur. Phys. J. C **84**, no.4, 427 (2024) doi:10.1140/epjc/s10052-024-12776-9 [arXiv:2403.00711 [gr-qc]].

(10) R. Rizaldy and A. Sulaksono, Phys. Rev. C **109**, no.2, 025803 (2024) doi:10.1103/PhysRevC.109.025803

(11) J. M. Z. Pretel and C. Zhang, [arXiv:2401.12519 [nucl-th]].

(12) L. M. Becerra, E. A. Becerra-Vergara and F. D. Lora-Clavijo, Phys. Rev. D **109**, no.4, 043025 (2024) doi:10.1103/PhysRevD.109.043025 [arXiv:2401.10311 [astro-ph.HE]].

(13) A. Ditta and X. Tiecheng, Phys. Scripta **99**, no.2, 025012 (2024) doi:10.1088/1402-4896/ad19b8

(14) M. Zubair, M. Farooq, P. Bhar and H. Azmat, Chin. J. Phys. **88**, 129-145 (2024) doi:10.1016/j.cjph.2023.12.037

(15) P. Bhar, A. Errehymy and S. Ray, Eur. Phys. J. C **83**, no.12, 1151 (2023) doi:10.1140/epjc/s10052-023-12340-x

(16) J. M. Z. Pretel, T. Tangphati, A. Banerjee and A. Pradhan, Phys. Lett. B **848**, 138375 (2024) doi:10.1016/j.physletb.2023.138375 [arXiv:2311.18770 [gr-qc]].

(17) M. Moussa, Journal of Scientific Research in Science 2023, 40, (1): 121-141

(18) L. L. Lopes and H. C. Das, Eur. Phys. J. C **84**, no.2, 166 (2024) doi:10.1140/epjc/s10052-024-12520-3 [arXiv:2312.00310 [hep-ph]].

(19) A. Bagheri Tudeshki, G. H. Bordbar and B. Eslam Panah, Phys. Lett. B **848**, 138333 (2024) doi:10.1016/j.physletb.2023.138333 [arXiv:2311.13138 [gr-qc]].

(20) T. Tangphati, A. Errehymy, A. Banerjee and A. Pradhan, JHEAp **40**, 68-75 (2023) doi:10.1016/j.jheap.2023.1

(21) A. Ditta, X. Tiecheng, G. Mustafa and A. Errehymy, Eur. Phys. J. C **83**, no.11, 1020 (2023) doi:10.1140/epjc/s10052-023-12132-3

(22) H. Dejonghe, "Rotating Cosmological Models, or How Matter and Light Can Escape from a Rotating Black Hole" Cosmology - The Past, Present and Future of the Universe, (2023) DOI: 10.5772/intechopen.1002709

(23) S. Sarkar, N. Sarkar, P. Rudra, F. Rahaman and T. Ghorui, Eur. Phys. J. C **83**, no.11, 1005 (2023) doi:10.1140/epjc/s10052-023-12143-0

(24) A. Malik, E. Meer, Z. Asghar and A. Ali, Chin. J. Phys. **86**, 391-401 (2023) doi:10.1016/j.cjph.2023.10.025

(25) R. Patel and B. S. Ratanpal, [arXiv:2310.11827 [gr-qc]].

(26) I. Prasetyo, I. H. Belfaqih, A. Suroso and A. Sulaksono, Eur. Phys. J. C **83**, no.9, 780 (2023) doi:10.1140/epjc/s10052-023-11954-5

(27) S. Mondal and M. Bagchi, [arXiv:2309.00439 [gr-qc]].

(28) P. Bhar, Chin. J. Phys. **85**, 600-615 (2023) doi:10.1016/j.cjph.2023.08.005

(29) R. Patel, B. S. Ratanpal and D. M. Pandya, [arXiv:2307.11111 [gr-qc]].

(30) D. Suárez-Urango, L. M. Becerra, J. Ospino and L. A. Núñez, Eur. Phys. J. C **83**, no.11, 1018 (2023) doi:10.1140/epjc/s10052-023-12175-6 [arXiv:2307.06257 [gr-qc]].

(31) S. K. Maurya, G. Mustafa, S. Ray, B. Dayanandan, A. Aziz and A. Errehymy, Phys. Dark Univ. **42**, 101284 (2023) doi:10.1016/j.dark.2023.101284

(32) M. Jan, S. m. Liu, A. Basit, A. Caliskan and E. Güdekli, Results Phys. **51**, 106662 (2023) doi:10.1016/j.rinp.2023.106662

(33) S. Ray, S. Das, K. K. Ghosh, B. K. Parida, S. K. Pal and M. Indra, New Astron. **104**, 102069 (2023) doi:10.1016/j.newast.2023.102069

(34) H. C. Das and L. L. Lopes, Mon. Not. Roy. Astron. Soc. **525**, no.3, 3571-3575 (2023) doi:10.1093/mnras/stad2554 [arXiv:2306.00326 [astro-ph.HE]].

(35) S. R. Mohanty, S. Ghosh, P. Routaray, H. C. Das and B. Kumar, JCAP **03**, 054 (2024) doi:10.1088/1475-7516/2024/03/054 [arXiv:2305.15724 [nucl-th]].

(36) J. D. V. Arbañil, C. V. Flores, C. H. Lenzi and J. M. Z. Pretel, Phys. Rev. D **107**, no.12, 124016 (2023) doi:10.1103/PhysRevD.107.124016 [arXiv:2305.13468 [astro-ph.HE]].

(37) P. Rej, A. Errehymy and M. Daoud, Eur. Phys. J. C **83**, no.5, 392 (2023) doi:10.1140/epjc/s10052-023-11562-3 [arXiv:2305.06748 [gr-qc]].

(38) B. K. Parida, S. Das and M. Govender, Int. J. Mod. Phys. D **32**, no.06, 2350038 (2023) doi:10.1142/S0218271823500384

(39) H. C. Das, [arXiv:2305.02065 [nucl-th]].

(40) R. Brustein, A. J. M. Medved and T. Shindelman, Phys. Rev. D **108**, no.4, 044058 (2023) doi:10.1103/PhysRevD.108.044058 [arXiv:2304.04984 [gr-qc]].

(41) S. R. Mohanty, S. Ghosh and B. Kumar, [arXiv:2304.02439 [nucl-th]].

(42) A. B. Tudeshki, G. H. Bordbar and B. Eslam Panah, Phys. Dark Univ. **42**, 101354 (2023) doi:10.1016/j.dark.2023.101354 [arXiv:2303.04813 [gr-qc]].

(43) P. Bhar, Chin. J. Phys. **83**, 61-72 (2023) doi:10.1016/j.cjph.2023.03.003 [arXiv:2303.01802 [gr-qc]].

(44) J. D. V. Arbañil, L. S. Rodrigues and C. H. Lenzi, Eur. Phys. J. C **83**, no.3, 211 (2023) doi:10.1140/epjc/s10052-023-11350-z [arXiv:2302.11684 [astro-ph.HE]].

(45) H. C. Das, J. A. Pattnaik and S. K. Patra, Phys. Rev. D **107**, no.8, 083007 (2023) doi:10.1103/PhysRevD.107.083007 [arXiv:2301.12673 [astro-ph.HE]].

(46) M. F. Shamir and E. Meer, Eur. Phys. J. C **83**, no.1, 49 (2023) doi:10.1140/epjc/s10052-023-11206-6 [arXiv:2304.04194 [gr-qc]].

(47) J. M. Z. Pretel, Eur. Phys. J. C **83**, no.1, 26 (2023) doi:10.1140/epjc/s10052-023-11198-3 [arXiv:2301.03504 [gr-qc]].

(48) H. C. Das, J. A. Pattnaik and S. K. Patra, DAE Symp. Nucl. Phys. **66**, 764-765 (2023)

(49) M. Al Hadhrami, S. K. Maurya, Z. Al Amri, N. Al Hadifi, A. Al Buraidi, H. Al Wardi and R. Nag, Pramana **97**, no.1, 13 (2022) doi:10.1007/s12043-022-02486-w

(50) J. M. Z. Pretel, Mod. Phys. Lett. A **37**, no.28, 2250188 (2022) doi:10.1142/S0217732322501887 [arXiv:2301.02881 [gr-qc]].

(51) T. Tangphati, A. Banerjee, S. Hansraj and A. Pradhan, Annals Phys. **452**, 169285 (2023) doi:10.1016/j.aop.2023.169285 [arXiv:2210.01372 [gr-qc]].

(52) H. C. Das, Phys. Rev. D **106**, no.10, 103518 (2022) doi:10.1103/PhysRevD.106.103518 [arXiv:2208.12566 [gr-qc]].

(53) H. B. Li, Y. Gao, L. Shao, R. X. Xu and R. Xu, Mon. Not. Roy. Astron. Soc. **516**, no.4, 6172-6179 (2022) doi:10.1093/mnras/stac2622 [arXiv:2206.09407 [gr-qc]].

(54) E. J. A. Curi, L. B. Castro, C. V. Flores and C. H. Lenzi, Eur. Phys. J. C **82**, no.6, 527 (2022) doi:10.1140/epjc/s10052-022-10498-4 [arXiv:2206.09260 [gr-qc]].

(55) S. Kaur, S. K. Maurya, S. Shukla and R. Nag, Chin. J. Phys. **77**, 2854-2870 (2022) doi:10.1016/j.cjph.2022.04.019

(56) A. Ditta and T. Xia, Int. J. Geom. Meth. Mod. Phys. **19**, no.09, 2250130 (2022) doi:10.1142/S0219887822501304

(57) E. Maggio, "Probing new physics on the horizon of black holes with gravitational waves," PhD thesis, Rome U. (2022) [arXiv:2211.16900 [gr-qc]].

(58) H. D. Singh and J. Kumar, [arXiv:2202.08213 [gr-qc]].

(59) S. K. Maurya, B. Mishra, S. Ray and R. Nag, Chin. Phys. C **46**, no.10, 105105 (2022) doi:10.1088/1674-1137/ac7d45 [arXiv:2202.07469 [gr-qc]].

(60) S. Das, B. K. Parida and R. Sharma, Eur. Phys. J. C **82**, no.2, 136 (2022) doi:10.1140/epjc/s10052-022-10057-x

(61) J. M. Z. Pretel and S. B. Duarte, Class. Quant. Grav. **39**, no.15, 155003 (2022) doi:10.1088/1361-6382/ac7a88 [arXiv:2202.04467 [gr-qc]].

(62) S. Das, B. K. Parida, K. Chakraborty and S. Ray, Int. J. Mod. Phys. D **31**, no.07, 2250053 (2022) doi:10.1142/S0218271822500535 [arXiv:2201.10772 [gr-qc]].

(63) A. Usman, "Evolution of Stellar Structures in Modified f(R) Gravity," PhD thesis, National University of Computer and Emerging Sciences, Islamabad (2022)

(64) J. D. V. Arbañil, C. H. Lenzi and M. Malheiro, J. Phys. Conf. Ser. **2372**, no.1, 012003 (2022) doi:10.1088/1742-6596/2372/1/012003

(65) K. P. Das, S. Maity, P. Saha and U. Debnath, Mod. Phys. Lett. A **37**, no.30, 2250201 (2022) doi:10.1142/S0217732322502017

(66) A. Rahmansyah and A. Sulaksono, Phys. Rev. C **104**, no.6, 065805 (2021) doi:10.1103/PhysRevC.104.065805

(67) M. F. Shamir, A. Usman and T. Naz, Adv. High Energy Phys. **2021**, 4742306 (2021) doi:10.1155/2021/4742306

(68) T. Papanikolaou, "Studying Aspects of the Early Universe with Primordial Black Holes," PhD thesis, Universit'e de Paris (2021)

(69) I. Musco and T. Papanikolaou, Phys. Rev. D **106**, no.8, 083017 (2022) doi:10.1103/PhysRevD.106.083017 [arXiv:2110.05982 [gr-qc]].

(70) K. N. Singh, S. Das, P. Bhar, M. Rahaman and F. Rahaman, Int. J. Mod. Phys. A **36**, no.27, 2150192 (2021) doi:10.1142/S0217751X2150192X

(71) M. Zubair, A. Ditta, G. Abbas and R. Saleem, Chin. Phys. C **45**, no.8, 085102 (2021) doi:10.1088/1674-1137/ac041a

(72) J. M. Z. Pretel and A. Banerjee, [arXiv:2107.03859 [gr-qc]].

(73) S. K. Maurya, K. Newton Singh and S. Ray, Chin. J. Phys. **71**, 548-560 (2021) doi:10.1016/j.cjph.2021.03.019

(74) T. Naz, A. Usman and M. F. Shamir, Annals Phys. **429**, 168491 (2021) doi:10.1016/j.aop.2021.168491 [arXiv:2105.02731 [gr-qc]].

(75) S. Biswas, D. Deb, S. Ray and B. K. Guha, Annals Phys. **428**, 168429 (2021) doi:10.1016/j.aop.2021.168429

(76) G. Martinho Dos Santos Raposo, "Testing the nature of black holes with gravitational waves," PhD thesis, Sapienza Universita di Roma (2022)

(77) D. Suárez-Urango, J. Ospino, H. Hernández and L. A. Núñez, Eur. Phys. J. C **82**, no.2, 176 (2022) doi:10.1140/epjc/s10052-022-10119-0 [arXiv:2104.08923 [gr-qc]].

(78) M. Javed, G. Mustafa and M. F. Shamir, New Astron. **84**, 101518 (2021) doi:10.1016/j.newast.2020.101518

(79) S. Das, S. Ray, M. Khlopov, K. K. Nandi and B. K. Parida, Annals Phys. **433**, 168597 (2021) doi:10.1016/j.aop.2021.168597 [arXiv:2102.07099 [gr-qc]].

(80) P. H. R. S. Moraes, G. Panotopoulos and I. Lopes, Phys. Rev. D **103**, no.8, 084023 (2021) doi:10.1103/PhysRevD.103.084023 [arXiv:2101.02207 [gr-qc]].

(81) G. Mustafa, X. Tie-Cheng, M. Ahmad and M. F. Shamir, Phys. Dark Univ. **31**, 100747 (2021) doi:10.1016/j.dark.2020.100747 [arXiv:2101.00208 [gr-qc]].

(82) M. K. Jasim, S. K. Maurya, S. Ray, D. Shee, D. Deb and F. Rahaman, Results Phys. **20**, 103648 (2021) doi:10.1016/j.rinp.2020.103648

(83) T. Papanikolaou, [arXiv:2202.12140 [astro-ph.CO]].

(84) S. Das, B. K. Parida and R. Sharma, [arXiv:2012.11520 [gr-qc]].

(85) H. Hernández, D. Suárez-Urango and L. A. Núñez, Eur. Phys. J. C **81**, no.3, 241 (2021) doi:10.1140/epjc/s10052-021-09044-5 [arXiv:2010.09634 [gr-qc]].

(86) J. D. V. Arbañil, C. H. Lenzi and M. Malheiro, Phys. Rev. D **102**, no.8, 084014 (2020) doi:10.1103/PhysRevD.102.084014 [arXiv:2009.08001 [gr-qc]].

(87) A. Rahmansyah, A. Sulaksono, A. B. Wahidin and A. M. Setiawan, Eur. Phys. J. C **80**, no.8, 769 (2020) doi:10.1140/epjc/s10052-020-8361-4

(88) J. M. Z. Pretel, Eur. Phys. J. C **80**, no.8, 726 (2020) doi:10.1140/epjc/s10052-020-8301-3 [arXiv:2008.05331 [gr-qc]].

(89) M. R. Shahzad and G. Abbas, Eur. Phys. J. Plus **135**, no.6, 502 (2020) doi:10.1140/epjp/s13360-020-00508-3

(90) S. Ray, D. Shee, D. Deb, S. K. Maurya and M. K. Jasim, [arXiv:2004.10480 [gr-qc]].

(91) S. Biswas, D. Shee, B. K. Guha and S. Ray, Eur. Phys. J. C **80**, no.2, 175 (2020) doi:10.1140/epjc/s10052-020-7725-0 [arXiv:2006.01619 [gr-qc]].

(92) M. Farasat Shamir and T. Naz, Phys. Dark Univ. **27**, 100472 (2020) doi:10.1016/j.dark.2020.100472 [arXiv:2001.06644 [gr-qc]].

(93) S. Biswas, D. Shee, S. Ray, F. Rahaman and B. K. Guha, Annals Phys. **409**, 167905 (2019) doi:10.1016/j.aop.2019.05.004 [arXiv:1910.00427 [gr-qc]].

(94) L. Baiotti, Prog. Part. Nucl. Phys. **109**, 103714 (2019) doi:10.1016/j.ppnp.2019.103714 [arXiv:1907.08534 [astro-ph.HE]].

(95) S. K. Maurya, A. Errehymy, D. Deb, F. Tello-Ortiz and M. Daoud, Phys. Rev. D **100**, no.4, 044014 (2019) doi:10.1103/PhysRevD.100.044014 [arXiv:1907.10149 [gr-qc]].

(96) V. Cardoso and P. Pani, Living Rev. Rel. **22**, no.1, 4 (2019) doi:10.1007/s41114-019-0020-4 [arXiv:1904.05363 [gr-qc]].

(97) B. Biswas and S. Bose, Phys. Rev. D **99**, no.10, 104002 (2019) doi:10.1103/PhysRevD.99.104002 [arXiv:1903.04956 [gr-qc]].

(98) S. R. Chowdhury, D. Deb, F. Rahaman, S. Ray and B. K. Guha, Int. J. Mod. Phys. D **29**, no.01, 2050001 (2020) doi:10.1142/S0218271820500017 [arXiv:1903.03514 [gr-qc]].

(99) S. R. Chowdhury, D. Deb, S. Ray, F. Rahaman and B. K. Guha, Eur. Phys. J. C **79**, no.7, 547 (2019) doi:10.1140/epjc/s10052-019-7054-3 [arXiv:1902.01689 [gr-qc]].

(100) S. K. Maurya, A. Banerjee, M. K. Jasim, J. Kumar, A. K. Prasad and A. Pradhan, Phys. Rev. D **99**, no.4, 044029 (2019) doi:10.1103/PhysRevD.99.044029 [arXiv:1811.09890 [gr-qc]].

(101) G. Raposo, P. Pani, M. Bezares, C. Palenzuela and V. Cardoso, Phys. Rev. D **99**, no.10, 104072 (2019) doi:10.1103/PhysRevD.99.104072 [arXiv:1811.07917 [gr-qc]].

(102) D. Deb, S. V. Ketov, S. K. Maurya, M. Khlopov, P. H. R. S. Moraes and S. Ray, Mon. Not. Roy. Astron. Soc. **485**, no.4, 5652-5665 (2019) doi:10.1093/mnras/stz708 [arXiv:1810.07678 [gr-qc]].

(103) A. Akram, S. Ahmad, A. R. Jami, M. Sufyan and U. Zahid, Mod. Phys. Lett. A **33**, no.13, 1850076 (2018) doi:10.1142/S0217732318500761

(104) V. Folomeev, Phys. Rev. D **97**, no.12, 124009 (2018) doi:10.1103/PhysRevD.97.124009 [arXiv:1802.01801 [gr-qc]].

(105) M. K. Jasim, D. Deb, S. Ray, Y. K. Gupta and S. R. Chowdhury, Eur. Phys. J. C **78**, no.7, 603 (2018) doi:10.1140/epjc/s10052-018-6072-x [arXiv:1801.10594 [gr-qc]].

(106) Е. БАКИРОВА, Н. БАКИРОВА, В. ФОЛОМЕЕВ, ИЗВЕСТИЯ ВУЗОВ КЫРГЫЗСТАНА, Номер: 4 Год: 2018 Страницы: 3-8

(107) D. Deb, F. Rahaman, S. Ray and B. K. Guha, Phys. Rev. D **97**, no.8, 084026 (2018) doi:10.1103/PhysRevD.97.084026 [arXiv:1801.01409 [physics.gen-ph]].

(108) M. Ilyas, Z. Yousaf, M. Z. Bhatti and B. Masud, Astrophys. Space Sci. **362**, no.12, 237 (2017) doi:10.1007/s10509-017-3215-8

(109) D. Deb, F. Rahaman, S. Ray and B. K. Guha, JCAP **03**, 044 (2018) doi:10.1088/1475-7516/2018/03/044 [arXiv:1711.10721 [gr-qc]].

(110) V. Cardoso and P. Pani, [arXiv:1707.03021 [gr-qc]].

(111) Alrizal and A. Sulaksono, AIP Conf. Proc. **1862**, no.1, 030014 (2017) doi:10.1063/1.4991118

(112) H. O. d. Silva, "Compact Objects in Relativistic Theories of Gravity," PhD thesis, The University of Mississippi (2017) AAT-10279481.

(113) J. D. V. Arbañil and M. Malheiro, "Equilibrium and stability of strange anisotropic stars," Proceedings, 14th Marcel Grossmann Meeting on Recent Developments in Theoretical and Experimental General Relativity, Astrophysics, and Relativistic Field Theories (MG14) (In 4 Volumes) : Rome, Italy, July 12-18, 2015, doi:10.1142/9789813226609_0148

(114) K. Yagi and N. Yunes, Phys. Rept. **681**, 1-72 (2017) doi:10.1016/j.physrep.2017.03.002 [arXiv:1608.02582 [gr-qc]].

(115) J. D. V. Arbañil and M. Malheiro, JCAP **11**, 012 (2016) doi:10.1088/1475-7516/2016/11/012 [arXiv:1607.03984 [astro-ph.HE]].

(116) G. Alberti and M. Merafina, [arXiv:1601.06134 [gr-qc]].

(117) K. Yagi and N. Yunes, Class. Quant. Grav. **33**, no.9, 095005 (2016) doi:10.1088/0264-9381/33/9/095005 [arXiv:1601.02171 [gr-qc]].

(118) A. M. Setiawan and A. Sulaksono, Prosiding Seminar Nasional Fisika **5**, 13-17 (2016) doi:10.21009/0305020503

(119) K. Yagi, L. C. Stein and N. Yunes, Phys. Rev. D **93**, no.2, 024010 (2016) doi:10.1103/PhysRevD.93.024010 [arXiv:1510.02152 [gr-qc]].

(120) S. H. Hendi, G. H. Bordbar, B. E. Panah and S. Panahiyan, JCAP **09**, 013 (2016) doi:10.1088/1475-7516/2016/09/013 [arXiv:1509.05145 [hep-th]].

(121) K. Yagi and N. Yunes, Phys. Rev. D **91**, no.12, 123008 (2015) doi:10.1103/PhysRevD.91.123008 [arXiv:1503.02726 [gr-qc]].

(122) K. D. Kokkotas, AIP Conf. Proc. **1577**, no.1, 119-131 (2015) doi:10.1063/1.4861949

(123) K. Yagi and N. Yunes, Phys. Rev. D **91**, no.10, 103003 (2015) doi:10.1103/PhysRevD.91.103003 [arXiv:1502.04131 [gr-qc]].

(124) P. Boonserm, T. Ngampitipan and M. Visser, Int. J. Mod. Phys. D **25**, no.02, 1650019 (2015) doi:10.1142/S021827181650019X [arXiv:1501.07044 [gr-qc]].

(125) C. F. B. Macedo, "Compact Objects in General Relativity and Beyond," PhD thesis, UNIVERSIDADE FEDERAL DO PARA (2015)

(126) H. O. Silva, C. F. B. Macedo, E. Berti and L. C. B. Crispino, Class. Quant. Grav. **32**, 145008 (2015) doi:10.1088/0264-9381/32/14/145008 [arXiv:1411.6286 [gr-qc]].

(127) A. Sulaksono, J. Phys. Conf. Ser. **539**, no.1, 012003 (2014) doi:10.1088/1742-6596/539/1/012003

(128) C. V. Flores and G. Lugones, Class. Quant. Grav. **31**, 155002 (2014) doi:10.1088/0264-9381/31/15/155002 [arXiv:1310.0554 [astro-ph.HE]].

(129) K. Yagi and N. Yunes, Phys. Rev. D **88**, no.2, 023009 (2013) doi:10.1103/PhysRevD.88.023009 [arXiv:1303.1528 [gr-qc]].

(130) S. G. Nelmes, "Skyrmion stars," PhD thesis, Durham U. (2012)

A.94. **S. S. Yazadjiev** and D. D. Doneva, "Possible dark energy imprints in gravitational wave spectrum of mixed neutron-dark-energy stars," JCAP **1203**, 037 (2012)

[arXiv:1112.4375 [gr-qc]].

Забелязани независими цитати:

(1) H. B. Li, Y. Gao, L. Shao, R. X. Xu and R. Xu, Mon. Not. Roy. Astron. Soc. **516**, no.4, 6172-6179 (2022) doi:10.1093/mnras/stac2622 [arXiv:2206.09407 [gr-qc]].

(2) A. Banerjee, M. K. Jasim and A. Pradhan, Mod. Phys. Lett. A **35**, no.10, 2050071 (2020) doi:10.1142/S0217732320500716 [arXiv:1911.09546 [gr-qc]].

(3) G. N. Gyulchev and I. Z. Stefanov, Phys. Rev. D **87**, no.6, 063005 (2013) doi:10.1103/PhysRevD.87.063005 [arXiv:1211.3458 [gr-qc]].

(4) V. Dzhunushaliev, V. Folomeev, B. Kleihaus and J. Kunz, Phys. Rev. D **85**, 124028 (2012) doi:10.1103/PhysRevD.85.124028 [arXiv:1203.3615 [gr-qc]].

(5) M. Shaltev, "Optimization and Follow-up of Semicoherent Searches for Continuous Gravitational Waves," PhD thesis, Gottfried Wilhelm Leibniz Universitat at Hannover (2013)

(6) F. S. N. Lobo and R. Garattini, JHEP **12**, 065 (2013) doi:10.1007/JHEP12(2013)065 [arXiv:1004.2520 [gr-qc]].

A.95. P. G. Nedkova and **S. S. Yazadjiev**, "Magnetized Black Hole on Taub-Nut Instanton," Phys. Rev. D **85**, 064021 (2012)

[arXiv:1112.3326 [hep-th]].

Забелязани независими цитати:

(1) Q. Q. Li, Y. Zhang, Q. Sun and C. H. Xie, Chin. J. Phys. **88**, 799-809 (2024) doi:10.1016/j.cjph.2024.01.034 [arXiv:2309.12375 [gr-qc]].

(2) M. A. Dariescu and C. Dariescu, Adv. High Energy Phys. **2018**, 1953586 (2018) doi:10.1155/2018/1953586 [arXiv:1805.00232 [gr-qc]].

(3) J. L. Blázquez-Salcedo, J. Kunz, F. Navarro-Lérida and E. Radu, JHEP **02**, 061 (2018) doi:10.1007/JHEP02(2018)061 [arXiv:1711.10483 [gr-qc]].

(4) J. L. Blázquez-Salcedo, J. Kunz, F. Navarro-Lérida and E. Radu, Phys. Lett. B **771**, 52-58 (2017) doi:10.1016/j.physletb.2017.05.014 [arXiv:1703.04163 [gr-qc]].

(5) X. D. Zhu, D. Wu, S. Q. Wu and S. Z. Yang, Gen. Rel. Grav. **48**, no.12, 154 (2016) doi:10.1007/s10714-016-2149-8 [arXiv:1606.02414 [hep-th]].

(6) Y. Kanou, H. Ishihara, M. Kimura, K. Matsuno and T. Tatsuoka, Phys. Rev. D **90**, no.8, 084004 (2014) doi:10.1103/PhysRevD.90.084004 [arXiv:1408.2956 [hep-th]].

(7) M. Kimura, H. Ishihara, K. Matsuno and T. Tanaka, Class. Quant. Grav. **32**, no.1, 015005 (2015) doi:10.1088/0264-9381/32/1/015005 [arXiv:1407.6224 [gr-qc]].

(8) A. Abdujabbarov, F. Atamurotov, Y. Kucukakca, B. Ahmedov and U. Camci, Astrophys. Space Sci. **344**, 429-435 (2013) doi:10.1007/s10509-012-1337-6 [arXiv:1212.4949 [physics.gen-ph]].

(9) K. Matsuno, H. Ishihara, M. Kimura and T. Tatsuoka, Phys. Rev. D **86**, 104054 (2012) doi:10.1103/PhysRevD.86.104054 [arXiv:1208.5536 [hep-th]].

(10) K. Matsuno, H. Ishihara, M. Kimura and T. Tatsuoka, Phys. Rev. D **86**, 044036 (2012) doi:10.1103/PhysRevD.86.044036 [arXiv:1206.4818 [hep-th]].

A.96. S. Yazadjiev, "Relativistic models of magnetars: Nonperturbative analytical approach," Phys. Rev. D **85**, 044030 (2012)

[arXiv:1111.3536 [gr-qc]].

Забелязани независими цитати:

(1) S. Y. Lau, "Probing Fundamental Physics and Astrophysics With Tides and Deformations of Compact Stars," doi:10.18130/a01s-sx77

(2) S. Chanda and R. Sharma, Gen. Rel. Grav. **56**, no.4, 41 (2024) doi:10.1007/s10714-024-03231-x

(3) P. Beltracchi and C. Posada, [arXiv:2403.08250 [gr-qc]].

(4) L. Baskey, S. Das and F. Rahaman, Eur. Phys. J. C **84**, no.1, 92 (2024) doi:10.1140/epjc/s10052-024-12451-z

(5) M. Sharif and T. Naseer, Eur. Phys. J. Plus **139**, no.1, 86 (2024) doi:10.1140/epjp/s13360-023-04850-0

(6) M. Sharif and K. Hassan, New Astron. **107**, 102158 (2024) doi:10.1016/j.newast.2023.102158

(7) M. Sharif and T. Naseer, Chin. J. Phys. **86**, 596-615 (2023) doi:10.1016/j.cjph.2023.10.011

(8) C. Stelea, M. A. Dariescu and C. Dariescu, Phys. Lett. B **847**, 138275 (2023) doi:10.1016/j.physletb.2023.138 [arXiv:2309.13651 [gr-qc]].

(9) M. Sharif and T. Naseer, Phys. Dark Univ. **42**, 101324 (2023) doi:10.1016/j.dark.2023.101324 [arXiv:2310.00872 [gr-qc]].

(10) S. Mondal and M. Bagchi, [arXiv:2309.00439 [gr-qc]].

(11) G. Estevez-Delgado, J. Estevez-Delgado, R. Soto-Espitia, A. Rendón Romero and J. M. Paulin-Fuentes, Commun. Theor. Phys. **75**, no.8, 085403 (2023) doi:10.1088/1572-9494/acded8

(12) H. C. Das and L. L. Lopes, Mon. Not. Roy. Astron. Soc. **525**, no.3, 3571-3575 (2023) doi:10.1093/mnras/stad2554 [arXiv:2306.00326 [astro-ph.HE]].

(13) S. R. Mohanty, S. Ghosh, P. Routaray, H. C. Das and B. Kumar, JCAP **03**, 054 (2024) doi:10.1088/1475-7516/2024/03/054 [arXiv:2305.15724 [nucl-th]].

(14) A. K. L. Yip, P. C. K. Cheong and T. G. F. Li, [arXiv:2305.15181 [astro-ph.HE]].

(15) L. Baskey, S. Ray, S. Das, S. Majumder and A. Das, Eur. Phys. J. C **83**, no.4, 307 (2023) doi:10.1140/epjc/s10052-023-11351-y

(16) S. R. Mohanty, S. Ghosh and B. Kumar, [arXiv:2304.02439 [nucl-th]].

(17) A. K. L. Yip, P. C. K. Cheong and T. G. F. Li, [arXiv:2303.16820 [astro-ph.HE]].

(18) M. Sufyan and D. Ahmad, Chin. J. Phys. **81**, 233-242 (2023) doi:10.1016/j.cjph.2022.11.010

(19) H. C. Das, J. A. Pattnaik and S. K. Patra, Phys. Rev. D **107**, no.8, 083007 (2023) doi:10.1103/PhysRevD.107.083007 [arXiv:2301.12673 [astro-ph.HE]].

(20) M. Y. Leung, A. K. L. Yip, P. C. K. Cheong and T. G. F. Li, Commun. Phys. **5**, no.1, 334 (2022) doi:10.1038/s42005-022-01112-w [arXiv:2303.05684 [astro-ph.HE]].

(21) H. C. Das, Phys. Rev. D **106**, no.10, 103518 (2022) doi:10.1103/PhysRevD.106.103518 [arXiv:2208.12566 [gr-qc]].

(22) Z. Yousaf, K. Bamba and M. Z. Bhatti, Int. J. Mod. Phys. D **31**, no.06, 2250043 (2022) doi:10.1142/S0218271822500432

(23) J. Soldateschi, "Numerical study of the properties of compact objects in general relativity and scalar-tensor theories," PhD thesis, UNIVERSITA DEGLI STUDI DI FIRENZE (2022)

(24) A. Tsokaros and K. Uryū, Gen. Rel. Grav. **54**, no.6, 52 (2022) doi:10.1007/s10714-022-02928-1 [arXiv:2112.05162 [gr-qc]].

(25) M. Z. Bhatti, Z. Yousaf and S. Khan, Int. J. Mod. Phys. D **30**, no.13, 2150097 (2021) doi:10.1142/S0218271821500978

(26) G. Martinho Dos Santos Raposo, "Testing the nature of black holes with gravitational waves," PhD thesis, Sapienza Universita di Roma (2021)

(27) J. M. Z. Pretel, Eur. Phys. J. C **80**, no.8, 726 (2020) doi:10.1140/epjc/s10052-020-8301-3 [arXiv:2008.05331 [gr-qc]].

(28) J. Soldateschi, N. Bucciantini and L. Del Zanna, Astron. Astrophys. **640**, A44 (2020) doi:10.1051/0004-6361/202037918 [arXiv:2005.12758 [astro-ph.HE]].

(29) E. A. Becerra-Vergara, S. Mojica, F. D. Lora-Clavijo and A. Cruz-Osorio, Phys. Rev. D **100**, no.10, 103006 (2019) doi:10.1103/PhysRevD.100.103006 [arXiv:1903.03047 [gr-qc]].

(30) M. Zamani, M Bigdeli, Iran. J. Astronomy and Astrophysics, Vol. 6, No. 1, (2019)

(31) S. Cristian, M. A. Dariescu and C. Dariescu, AIP Conf. Proc. **2071**, no.1, 020002 (2019) doi:10.1063/1.5090049

(32) C. Stelea, M. A. Dariescu and C. Dariescu, Phys. Rev. D **108**, no.8, 084034 (2023) doi:10.1103/PhysRevD.108.084034 [arXiv:1810.02235 [gr-qc]].

(33) M. A. Dariescu, C. Dariescu and C. Stelea, Gen. Rel. Grav. **50**, no.10, 126 (2018) doi:10.1007/s10714-018-2449-2

(34) C. Stelea, M. A. Dariescu and C. Dariescu, Phys. Rev. D **97**, no.10, 104059 (2018) doi:10.1103/PhysRevD.97.104059 [arXiv:1804.08075 [gr-qc]].

(35) C. Dariescu, M. A. Dariescu and C. Stelea, Gen. Rel. Grav. **49**, no.12, 153 (2017) doi:10.1007/s10714-017-2314-8

(36) T. Hussain, M. Khurshudyan, S. Ahmed and A. Khurshudyan, Int. J. Mod. Phys. D **26**, no.14, 1750155 (2017) doi:10.1142/S0218271817501553

(37) H. O. d. Silva, "Compact Objects in Relativistic Theories of Gravity,"PhD thesis, The University of Mississippi (2017) AAT-10279481.

(38) A. G. Pili, "Modeling magnetized neutron stars in general relativity," PhD thesis, U. Florence (2017)

(39) K. Yagi and N. Yunes, Phys. Rept. **681**, 1-72 (2017) doi:10.1016/j.physrep.2017.03.002 [arXiv:1608.02582 [gr-qc]].

(40) Z. Yousaf, K. Bamba and M. Z. u. H. Bhatti, Phys. Rev. D **93**, no.6, 064059 (2016) doi:10.1103/PhysRevD.93.064059 [arXiv:1603.03175 [gr-qc]].

(41) C. F. B. Macedo, V. Cardoso, L. C. B. Crispino and P. Pani, Phys. Rev. D **93**, no.6, 064053 (2016) doi:10.1103/PhysRevD.93.064053 [arXiv:1603.02095 [gr-qc]].

(42) K. Yagi and N. Yunes, Phys. Rev. D **91**, no.12, 123008 (2015) doi:10.1103/PhysRevD.91.123008 [arXiv:1503.02726 [gr-qc]].

(43) K. Yagi and N. Yunes, Phys. Rev. D **91**, no.10, 103003 (2015) doi:10.1103/PhysRevD.91.103003 [arXiv:1502.04131 [gr-qc]].

(44) P. Boonserm, T. Ngampitipan and M. Visser, Int. J. Mod. Phys. D **25**, no.02, 1650019 (2015) doi:10.1142/S021827181650019X [arXiv:1501.07044 [gr-qc]].

(45) C. F. B. Macedo, "Compact Objects in General Relativity and Beyond," PhD thesis, UNIVERSIDADE FEDERAL DO PARA (2015)

(46) N. Bucciantini, A. G. Pili and L. Del Zanna, Mon. Not. Roy. Astron. Soc. **447**, 3278 (2015) doi:10.1093/mnras/stu2689 [arXiv:1412.5347 [astro-ph.HE]].

(47) H. O. Silva, C. F. B. Macedo, E. Berti and L. C. B. Crispino, Class. Quant. Grav. **32**, 145008 (2015) doi:10.1088/0264-9381/32/14/145008 [arXiv:1411.6286 [gr-qc]].

(48) M. Sharif and Z. Yousaf, Astrophys. Space Sci. **352**, 321-329 (2014) doi:10.1007/s10509-014-1913-z [arXiv:1501.03478 [gr-qc]].

(49) A. G. Pili, N. Bucciantini and L. Del Zanna, Mon. Not. Roy. Astron. Soc. **439**, 3541-3563 (2014) doi:10.1093/mnras/stu215 [arXiv:1401.4308 [astro-ph.HE]].

A.97. P. G. Nedkova and **S. S. Yazadjiev**, "On the Thermodynamics of 5D Black Holes on ALF Gravitational Instantons," Phys. Rev. D **84**, 124040 (2011)

[arXiv:1109.2838 [hep-th]].

Забелязани независими цитати:

(1) K. Matsuno, arXiv:2104.00891 [gr-qc].

(2) X. D. Zhu, D. Wu, S. Q. Wu and S. Z. Yang, Gen. Rel. Grav. **48**, no.12, 154 (2016) doi:10.1007/s10714-016-2149-8 [arXiv:1606.02414 [hep-th]].

(3) K. Matsuno, H. Ishihara and M. Kimura, Class. Quant. Grav. **32**, no.21, 215008 (2015) doi:10.1088/0264-9381/32/21/215008 [arXiv:1504.04203 [hep-th]].

(4) Y. Kanou, H. Ishihara, M. Kimura, K. Matsuno and T. Tatsuoka, Phys. Rev. D **90**, no.8, 084004 (2014) doi:10.1103/PhysRevD.90.084004 [arXiv:1408.2956 [hep-th]].

(5) M. Kimura, H. Ishihara, K. Matsuno and T. Tanaka, Class. Quant. Grav. **32**, no.1, 015005 (2015) doi:10.1088/0264-9381/32/1/015005 [arXiv:1407.6224 [gr-qc]].

(6) S. Q. Wu, D. Wen, Q. Q. Jiang and S. Z. Yang, Phys. Lett. B **726**, 404-407 (2013) doi:10.1016/j.physletb.2013.08.019 [arXiv:1311.7222 [hep-th]].

(7) J. Kunz, doi:10.1142/9789814623995_0027 [arXiv:1309.4049 [gr-qc]].

(8) C. Stelea, C. Dariescu and M. A. Dariescu, Phys. Rev. D **87**, no.2, 024039 (2013) doi:10.1103/PhysRevD.87.024039 [arXiv:1211.3154 [gr-qc]].

(9) C. Stelea and M. C. Ghilea, Phys. Lett. B **719**, 191-195 (2013) doi:10.1016/j.physletb.2013.01.009 [arXiv:1211.3725 [gr-qc]].

(10) K. Matsuno, H. Ishihara, M. Kimura and T. Tatsuoka, Phys. Rev. D **86**, 104054 (2012) doi:10.1103/PhysRevD.86.104054 [arXiv:1208.5536 [hep-th]].

(11) K. Matsuno, H. Ishihara, M. Kimura and T. Tatsuoka, Phys. Rev. D **86**, 044036 (2012) doi:10.1103/PhysRevD.86.044036 [arXiv:1206.4818 [hep-th]].

A.98. **S. S. Yazadjiev**, "Exact dark energy star solutions," Phys. Rev. D **83**, 127501 (2011)

[arXiv:1104.1865 [gr-qc]].

Забелязани независими цитати:

(1) O. P. Jyothilakshmi, L. J. Naik and V. Sreekanth, Eur. Phys. J. C **84**, no.4, 427 (2024) doi:10.1140/epjc/s10052-024-12776-9 [arXiv:2403.00711 [gr-qc]].

(2) G. Gyulchev, J. Phys. Conf. Ser. **2719**, no.1, 012008 (2024) doi:10.1088/1742-6596/2719/1/012008

(3) R. Saleem, M. I. Aslam and S. Shahid, Int. J. Geom. Meth. Mod. Phys. **21**, no.05, 2450106 (2024) doi:10.1142/S0219887824501068

(4) P. Bhar, A. Errehymy and S. Ray, Eur. Phys. J. C **83**, no.12, 1151 (2023) doi:10.1140/epjc/s10052-023-12340-x

(5) K. P. Das, U. Debnath, A. Ashraf and M. Khurana, Phys. Dark Univ. **43**, 101398 (2024) doi:10.1016/j.dark.2023.101398

(6) A. Bagheri Tudeshki, G. H. Bordbar and B. Eslam Panah, Phys. Lett. B **848**, 138333 (2024) doi:10.1016/j.physletb.2023.138333 [arXiv:2311.13138 [gr-qc]].

(7) P. Bhar, Fortsch. Phys. **72**, no.1, 2300183 (2024) doi:10.1002/prop.202300183

(8) P. Bhar, Fortsch. Phys. **71**, no.10-11, 2300074 (2023) doi:10.1002/prop.202300074

(9) K. P. Das, U. Debnath and S. Ray, Fortsch. Phys. **71**, no.6-7, 2200148 (2023) doi:10.1002/prop.202200148

(10) M. Salti and O. Aydogdu, Annals Phys. **455**, 169359 (2023) doi:10.1016/j.aop.2023.169359

(11) A. B. Tudeshki, G. H. Bordbar and B. Eslam Panah, Phys. Dark Univ. **42**, 101354 (2023) doi:10.1016/j.dark.2023.101354 [arXiv:2303.04813 [gr-qc]].

(12) J. M. Z. Pretel, Eur. Phys. J. C **83**, no.1, 26 (2023) doi:10.1140/epjc/s10052-023-11198-3 [arXiv:2301.03504 [gr-qc]].

(13) A. S. Arapoğlu, S. Çağan and A. E. Yükselci, Phys. Rev. D **107**, no.6, 063516 (2023) doi:10.1103/PhysRevD.107.063516 [arXiv:2211.06079 [gr-qc]].

(14) K. G. Sagar, N. Pant and B. Pandey, Phys. Dark Univ. **38**, 101125 (2022) doi:10.1016/j.dark.2022.101125

(15) A. B. Tudeshki, G. H. Bordbar and B. Eslam Panah, Phys. Lett. B **835**, 137523 (2022) doi:10.1016/j.physletb.2022.137523 [arXiv:2208.07063 [gr-qc]].

(16) B. Fazlpour, A. Banijamali and V. Faraoni, Eur. Phys. J. C **82**, no.4, 364 (2022) doi:10.1140/epjc/s10052-022-10349-2 [arXiv:2202.06092 [gr-qc]].

(17) P. Bhar, Phys. Dark Univ. **34**, 100879 (2021) doi:10.1016/j.dark.2021.100879 [arXiv:2202.12686 [gr-qc]].

(18) Ö. Sert and M. Adak, Eur. Phys. J. C **81**, no.11, 1006 (2021) doi:10.1140/epjc/s10052-021-09804-3 [arXiv:2110.11092 [gr-qc]].

(19) M. F. A. R. Sakti and A. Sulaksono, Phys. Rev. D **103**, no.8, 084042 (2021) doi:10.1103/PhysRevD.103.0840 [arXiv:2103.15393 [gr-qc]].

(20) A. Errehymy and M. Daoud, Eur. Phys. J. C **80**, no.3, 258 (2020) doi:10.1140/epjc/s10052-020-7825-x

(21) N. Sarkar, S. Sarkar, K. N. Singh and F. Rahaman, Eur. Phys. J. C **80**, no.3, 255 (2020) doi:10.1140/epjc/s10052-020-7803-3

(22) A. Banerjee, M. K. Jasim and A. Pradhan, Mod. Phys. Lett. A **35**, no.10, 2050071 (2020) doi:10.1142/S0217732320500716 [arXiv:1911.09546 [gr-qc]].

(23) S. Smerechynskyi, M. Tsizh and B. Novosyadlyj, Phys. Rev. D **101**, no.2, 023001 (2020) doi:10.1103/PhysRevD.101.023001 [arXiv:1909.12630 [astro-ph.CO]].

(24) A. Errehymy and M. Daoud, Mod. Phys. Lett. A **34**, no.39, 1950325 (2019) doi:10.1142/S0217732319503255

(25) P. Bhar, T. Manna, F. Rahaman and A. Banerjee, Can. J. Phys. **96**, no.6, 594-602 (2018) doi:10.1139/cjp-2017-0526 [arXiv:1610.01201 [gr-qc]].

(26) T. Kubo and N. Sakai, Phys. Rev. D **93**, no.8, 084051 (2016) doi:10.1103/PhysRevD.93.084051

(27) P. Burikham, K. Cheamsawat, T. Harko and M. J. Lake, Eur. Phys. J. C **75**, no.9, 442 (2015) doi:10.1140/epjc/s10052-015-3673-5 [arXiv:1508.03832 [gr-qc]].

(28) A. Marunović, "Field theoretical models of nonsingular compact objects," PhD thesis, University of Zagreb, Faculty of Science (2013)

(29) P. Halpern and M. Pecorino, ISRN Astron. Astrophys. **2013**, 939876 (2013) doi:10.1155/2013/939876

(30) D. Horvat and A. Marunović, Class. Quant. Grav. **30**, 145006 (2013) doi:10.1088/0264-9381/30/14/145006 [arXiv:1212.3781 [gr-qc]].

(31) G. N. Gyulchev and I. Z. Stefanov, Phys. Rev. D **87**, no.6, 063005 (2013) doi:10.1103/PhysRevD.87.063005 [arXiv:1211.3458 [gr-qc]].

(32) M. H. Li and K. C. Yang, Phys. Rev. D **86**, 123015 (2012) doi:10.1103/PhysRevD.86.123015 [arXiv:1204.3178 [astro-ph.CO]].

(33) W. J. Su and J. Yan, Can. J. Phys. **90**, 1279-1285 (2012) doi:10.1139/p2012-106

(34) P. Martin Moruno, N. Montelongo Garcia, F. S. N. Lobo and M. Visser, JCAP **03**, 034 (2012) doi:10.1088/1475-7516/2012/03/034 [arXiv:1112.5253 [gr-qc]].

(35) F. Rahaman, R. Maulick, A. K. Yadav, S. Ray and R. Sharma, Gen. Rel. Grav. **44**, 107-124 (2012) doi:10.1007/s10714-011-1262-y [arXiv:1102.1382 [gr-qc]].

(36) F. S. N. Lobo and R. Garattini, JHEP **12**, 065 (2013) doi:10.1007/JHEP12(2013)065 [arXiv:1004.2520 [gr-qc]].

A.99. D. Doneva, K. Kokkotas, I. Stefanov, **S. Yazadjiev**, "Time Evolution of the Radial Perturbations and Linear Stability of Solitons and Black Holes in a Generalized Skyrme Model," Phys. Rev.D **84**, 084021 (2011)

[1107.5424 [gr-qc]]

Забелязани независими цитати:

(1) Y. Y. Bai, Can. J. Phys. **101**, no.1, 1-8 (2023) doi:10.1139/cjp-2022-0062

(2) B. Harms, Phys. Rev. D **99**, no.12, 124021 (2019) doi:10.1103/PhysRevD.99.124021 [arXiv:1904.00123 [gr-qc]].

(3) B. Harms and A. Stern, Phys. Lett. B **769**, 465-469 (2017) doi:10.1016/j.physletb.2017.04.021 [arXiv:1703.10234 [gr-qc]].

(4) B. Harms and A. Stern, Phys. Lett. B **763**, 401-408 (2016) doi:10.1016/j.physletb.2016.10.075 [arXiv:1608.05116 [hep-th]].

(5) P. C. E. Stamp, New J. Phys. **17**, no.6, 065017 (2015) doi:10.1088/1367-2630/17/6/065017 [arXiv:1506.05065 [gr-qc]].

(6) N. Sakai, H. Saida, T. Tamaki, PHYSICAL REVIEW D 90, 104013 (2014)

(7) M. Sharif and Z. Yousaf, Eur. Phys. J. C **73**, 2633 (2013) doi:10.1140/epjc/s10052-013-2633-1

(8) F. Canfora and H. Maeda, Phys. Rev. D **87**, no.8, 084049 (2013) doi:10.1103/PhysRevD.87.084049 [arXiv:1302.3232 [gr-qc]].

A.100. **S. Yazadjiev**, "Uniqueness and nonuniqueness of the stationary black holes in 5D Einstein-Maxwell and Einstein-Maxwell-dilaton gravity," JHEP **06**, 083 (2011)

[1104.0378 [hep-th]]

Забелязани независими цитати:

(1) M. Rogatko, Phys. Rev. D **105**, no.10, 104021 (2022) doi:10.1103/PhysRevD.105.104021 [arXiv:2205.04764 [gr-qc]].

(2) V. Breunhölder and J. Lucietti, Commun. Math. Phys. **365**, no.2, 471-513 (2019) doi:10.1007/s00220-018-3215-8 [arXiv:1712.07092 [hep-th]].

(3) C. Knoll and P. Nedkova, Phys. Rev. D **93**, no.6, 064052 (2016) doi:10.1103/PhysRevD.93.064052 [arXiv:1512.01494 [gr-qc]].

(4) J. L. Blazquez-Salcedo, J. Kunz and F. Navarro-Lerida, Phys. Rev. D **89**, no.2, 024038 (2014) doi:10.1103/PhysRevD.89.024038 [arXiv:1311.0062 [gr-qc]].

A.101. D. D. Doneva, I. Z. Stefanov and **S. S. Yazadjiev**, "Solitons and Black Holes in a Generalized Skyrme Model with Dilaton-Quarkonium field," Phys. Rev. D **83**, 124007 (2011)

[arXiv:1102.4863 [gr-qc]].

Забелязани независими цитати:

(1) Y. Y. Bai, Can. J. Phys. **101**, no.1, 1-8 (2023) doi:10.1139/cjp-2022-0062

(2) C. Cartwright, B. Harms and M. Kaminski, JHEP **03**, 229 (2021) doi:10.1007/JHEP03(2021)229 [arXiv:2010.03578 [hep-th]].

(3) B. Harms, Phys. Rev. D **99**, no.12, 124021 (2019) doi:10.1103/PhysRevD.99.124021 [arXiv:1904.00123 [gr-qc]].

(4) B. Harms and A. Stern, Phys. Lett. B **769**, 465-469 (2017) doi:10.1016/j.physletb.2017.04.021 [arXiv:1703.10234 [gr-qc]].

(5) B. Harms and A. Stern, Phys. Lett. B **763**, 401-408 (2016) doi:10.1016/j.physletb.2016.10.075 [arXiv:1608.05116 [hep-th]].

(6) F. Canfora and H. Maeda, Phys. Rev. D **87**, no.8, 084049 (2013) doi:10.1103/PhysRevD.87.084049 [arXiv:1302.3232 [gr-qc]].

(7) E. Radu, Y. Shnir and D. H. Tchrakian, Phys. Lett. B **703**, 386-393 (2011) doi:10.1016/j.physletb.2011.08.03 [arXiv:1106.5066 [gr-qc]].

A.102. **S. S. Yazadjiev**, "A Classification (uniqueness) theorem for rotating black holes in 4D Einstein-Maxwell-dilaton theory," Phys. Rev. D **82**, 124050 (2010)

[arXiv:1009.2442 [hep-th]].

Забелязани независими цитати:

(1) I. Bogush, G. Clément, D. Gal'tsov and D. Torbunov, Phys. Rev. D **103**, no.6, 064045 (2021) doi:10.1103/PhysRevD.103.064045 [arXiv:2009.07922 [gr-qc]].

(2) C. Pacilio, "Black holes beyond general relativity: theoretical and phenomenological developments," PhD thesis, SISSA, Trieste (2018)

(3) C. Pacilio, Phys. Rev. D **98**, no.6, 064055 (2018) doi:10.1103/PhysRevD.98.064055 [arXiv:1806.10238 [gr-qc]].

(4) P. Aniceto and J. V. Rocha, JHEP **05**, 035 (2017) doi:10.1007/JHEP05(2017)035 [arXiv:1703.07414 [hep-th]].

(5) J. D. Barrow and G. W. Gibbons, Phys. Rev. D **95**, no.6, 064040 (2017) doi:10.1103/PhysRevD.95.064040 [arXiv:1701.06343 [gr-qc]].

(6) A. Nakonieczna, M. Rogatko and R. Moderski, Phys. Rev. D **86**, 044043 (2012) doi:10.1103/PhysRevD.86.04 [arXiv:1209.1203 [hep-th]].

(7) A. Borkowska, M. Rogatko and R. Moderski, Phys. Rev. D **83**, 084007 (2011) doi:10.1103/PhysRevD.83.084([arXiv:1103.4808 [hep-th]].

(8) M. Nozawa, Class. Quant. Grav. **28**, 175013 (2011) doi:10.1088/0264-9381/28/17/175013 [arXiv:1011.0261 [hep-th]].

A.103. D. D. Doneva, **S. S. Yazadjiev**, K. D. Kokkotas and I. Z. Stefanov, "Quasi-normal modes, bifurcations and non-uniqueness of charged scalar-tensor black holes," Phys. Rev. D **82**, 064030 (2010)

[arXiv:1007.1767 [gr-qc]].

Забелязани независими цитати:

(1) S. Kiorpelidi, T. Karakasis, G. Koutsoumbas and E. Papantonopoulos, Phys. Rev. D **109**, no.2, 024033 (2024) doi:10.1103/PhysRevD.109.024033 [arXiv:2311.10858 [gr-qc]].

(2) G. Guo, P. Wang, H. Wu and H. Yang, JHEP **10**, 076 (2023) doi:10.1007/JHEP10(2023)076 [arXiv:2307.12210 [gr-qc]].

(3) J. Jiang and J. Tan, Eur. Phys. J. C **83**, no.4, 290 (2023) doi:10.1140/epjc/s10052-023-11455-5

(4) C. Zhang, A. Wang and T. Zhu, JCAP **05**, 059 (2023) doi:10.1088/1475-7516/2023/05/059 [arXiv:2303.08399 [gr-qc]].

(5) H. J. Kuan, "Tidal Effects in Pre-merger Neutron Stars and Dynamics of Scalarized Compact Objects," PhD thesis, doi:10.15496/publikation-76851

(6) C. Zhang, A. Wang and T. Zhu, Eur. Phys. J. C **83**, no.9, 841 (2023) doi:10.1140/epjc/s10052-023-11998-7 [arXiv:2209.04735 [gr-qc]].

(7) M. M. Khalil, "Analytical modeling of compact binaries in general relativity and modified gravity theories," PhD thesis, doi:10.13016/nj5r-bfj5

(8) A. Marrani, O. Miskovic and P. Q. Leon, JHEP **07**, 100 (2022) doi:10.1007/JHEP07(2022)100 [arXiv:2203.14388 [hep-th]].

(9) S. Kiorpelidi, G. Koutsoumbas, A. Machattou and E. Papantonopoulos, Phys. Rev. D **105**, no.10, 104039 (2022) doi:10.1103/PhysRevD.105.104039 [arXiv:2202.00655 [gr-qc]].

(10) G. Guo, P. Wang, H. Wu and H. Yang, JHEP **06**, 060 (2022) doi:10.1007/JHEP06(2022)060 [arXiv:2112.14133 [gr-qc]].

(11) N. Sennett,"Probing Fundamental Physics With Gravitational Waves From Inspiraling Binary Systems," PhD thesis doi:10.13016/y0rz-gogy

(12) G. Guo, P. Wang, H. Wu and H. Yang, Eur. Phys. J. C **81**, no.10, 864 (2021) doi:10.1140/epjc/s10052-021-09614-7 [arXiv:2102.04015 [gr-qc]].

(13) P. Wang, H. Wu and H. Yang, Phys. Rev. D **103**, no.10, 104012 (2021) doi:10.1103/PhysRevD.103.104012 [arXiv:2012.01066 [gr-qc]].

(14) J. Luis Blázquez-Salcedo, C. A. R. Herdeiro, S. Kahlen, J. Kunz, A. M. Pombo and E. Radu, Eur. Phys. J. C **81**, no.2, 155 (2021) doi:10.1140/epjc/s10052-021-08952-w [arXiv:2008.11744 [gr-qc]].

(15) Y. Peng, Eur. Phys. J. C **80**, no.6, 575 (2020) doi:10.1140/epjc/s10052-020-8167-4

(16) K. Nomura, D. Yoshida and J. Soda, Phys. Rev. D **101**, no.12, 124026 (2020) doi:10.1103/PhysRevD.101.124 [arXiv:2004.07560 [gr-qc]].

(17) P. G. S. Fernandes, Phys. Dark Univ. **30**, 100716 (2020) doi:10.1016/j.dark.2020.100716 [arXiv:2003.01045 [gr-qc]].

(18) S. Yu and C. Gao, Mod. Phys. Lett. A **35**, no.31, 2050256 (2020) doi:10.1142/S0217732320502569 [arXiv:2001.01137 [gr-qc]].

(19) L. G. Collodel, B. Kleihaus, J. Kunz and E. Berti, Class. Quant. Grav. **37**, no.7, 075018 (2020) doi:10.1088/1361-6382/ab74f9 [arXiv:1912.05382 [gr-qc]].

(20) M. Khalil, N. Sennett, J. Steinhoff and A. Buonanno, Phys. Rev. D **100**, no.12, 124013 (2019) doi:10.1103/PhysRevD.100.124013 [arXiv:1906.08161 [gr-qc]].

(21) D. Astefanesei, C. Herdeiro, A. Pombo and E. Radu, JHEP **10**, 078 (2019) doi:10.1007/JHEP10(2019)078 [arXiv:1905.08304 [hep-th]].

(22) Y. S. Myung and D. C. Zou, Eur. Phys. J. C **79**, no.8, 641 (2019) doi:10.1140/epjc/s10052-019-7176-7 [arXiv:1904.09864 [gr-qc]].

(23) M. Minamitsuji and T. Ikeda, Phys. Rev. D **99**, no.10, 104069 (2019) doi:10.1103/PhysRevD.99.104069 [arXiv:1904.06572 [gr-qc]].

(24) Y. S. Myung and D. C. Zou, Int. J. Mod. Phys. D **28**, no.09, 1950114 (2019) doi:10.1142/S0218271819501141 [arXiv:1903.08312 [gr-qc]].

(25) H. O. Silva, C. F. B. Macedo, T. P. Sotiriou, L. Gualtieri, J. Sakstein and E. Berti, Phys. Rev. D **99**, no.6, 064011 (2019) doi:10.1103/PhysRevD.99.064011 [arXiv:1812.05590 [gr-qc]].

(26) Y. S. Myung and D. C. Zou, Phys. Lett. B **790**, 400-407 (2019) doi:10.1016/j.physletb.2019.01.046 [arXiv:1812.03604 [gr-qc]].

(27) M. Minamitsuji and T. Ikeda, Phys. Rev. D **99**, no.4, 044017 (2019) doi:10.1103/PhysRevD.99.044017 [arXiv:1812.03551 [gr-qc]].

(28) Y. Brihaye, C. Herdeiro and E. Radu, Phys. Lett. B **788**, 295-301 (2019) doi:10.1016/j.physletb.2018.11.022 [arXiv:1810.09560 [gr-qc]].

(29) Y. S. Myung and D. C. Zou, Eur. Phys. J. C **79**, no.3, 273 (2019) doi:10.1140/epjc/s10052-019-6792-6 [arXiv:1808.02609 [gr-qc]].

(30) C. A. R. Herdeiro, E. Radu, N. Sanchis-Gual and J. A. Font, Phys. Rev. Lett. **121**, no.10, 101102 (2018) doi:10.1103/PhysRevLett.121.101102 [arXiv:1806.05190 [gr-qc]].

(31) H. O. d. Silva, "Compact Objects in Relativistic Theories of Gravity," PhD thesis, The University of Mississippi (2017) AAT-10279481.

(32) E. Berti, E. Barausse, V. Cardoso, L. Gualtieri, P. Pani, U. Sperhake, L. C. Stein, N. Wex, K. Yagi and T. Baker, *et al.* Class. Quant. Grav. **32**, 243001 (2015) doi:10.1088/0264-9381/32/24/243001 [arXiv:1501.07274 [gr-qc]].

(33) C. F. B. Macedo, "Compact Objects in General Relativity and Beyond," PhD thesis, UNIVERSIDADE FEDERAL DO PARA (2015)

(34) G. Pappas and T. P. Sotiriou, Phys. Rev. D **91**, no.4, 044011 (2015) doi:10.1103/PhysRevD.91.044011 [arXiv:1412.3494 [gr-qc]].

(35) H. O. Silva, C. F. B. Macedo, E. Berti and L. C. B. Crispino, Class. Quant. Grav. **32**, 145008 (2015) doi:10.1088/0264-9381/32/14/145008 [arXiv:1411.6286 [gr-qc]].

(36) E. Berti, V. Cardoso, L. Gualtieri, M. Horbatsch and U. Sperhake, Phys. Rev. D **87**, no.12, 124020 (2013) doi:10.1103/PhysRevD.87.124020 [arXiv:1304.2836 [gr-qc]].

A.104. P. G. Nedkova and **S. S. Yazadjiev**, "Rotating black ring on Kaluza-Klein bubbles," Phys. Rev. D **82**, 044010 (2010)

[arXiv:1005.5051 [hep-th]].

Забелязани независими цитати:

(1) A. Viganò, [arXiv:2211.00436 [gr-qc]].

(2) M. Astorino, R. Emparan and A. Viganò, JHEP **07**, 007 (2022) doi:10.1007/JHEP07(2022)007 [arXiv:2204.09690 [hep-th]].

(3) J. Kunz, doi:10.1142/9789814623995_0027 [arXiv:1309.4049 [gr-qc]].

(4) S. Tomizawa and H. Ishihara, Prog. Theor. Phys. Suppl. **189**, 7-51 (2011) doi:10.1143/PTPS.189.7 [arXiv:1104.1468 [hep-th]].

(5) Y. Chen and E. Teo, Nucl. Phys. B **850**, 253-272 (2011) doi:10.1016/j.nuclphysb.2011.04.019 [arXiv:1011.6464 [hep-th]].

(6) Yu, C., Black holes in five dimensions with R × U(1) isometry, PhD thesis, NATIONAL UNIVERSITY OF SINGAPORE (2010)

A.105. I. Z. Stefanov, **S. S. Yazadjiev** and G. G. Gyulchev, "Connection between Black-Hole Quasinormal Modes and Lensing in the Strong Deflection Limit," Phys. Rev. Lett. **104**, 251103 (2010)

[arXiv:1003.1609 [gr-qc]].

Забелязани независими цитати:

(1) Zhi Luo, Ke-Jian He, Hao Yu, Jin Li, "Shadows, Quasinormal Modes, and Optical Appearances of Black Holes in Horndeski Theory," [arXiv:2406.00265 [gr-qc]]

(2) S. K. Jha, [arXiv:2404.15808 [gr-qc]].

(3) A. A. A. Filho, N. Heidari, J. A. A. S. Reis and H. Hassanabadi, [arXiv:2404.10721 [gr-qc]].

(4) D. Pedrotti and S. Vagnozzi, [arXiv:2404.07589 [gr-qc]].

(5) D. Giataganas, A. Kehagias and A. Riotto, [arXiv:2403.10605 [gr-qc]].

(6) S. H. Mazharimousavi, Eur. Phys. J. C **84**, no.3, 303 (2024) doi:10.1140/epjc/s10052-024-12678-w [arXiv:2403.08932 [gr-qc]].

(7) G. Liu and Y. Peng, [arXiv:2402.15517 [gr-qc]].

(8) H. Barman, A. Al-Badawi, S. K. Jha and A. Rahaman, JCAP **05**, 019 (2024) doi:10.1088/1475-7516/2024/05/019 [arXiv:2401.14833 [gr-qc]].

(9) S. H. Mazharimousavi, Eur. Phys. J. C **84**, no.1, 85 (2024) doi:10.1140/epjc/s10052-024-12447-9

(10) Y. S. Myung, [arXiv:2401.08200 [gr-qc]].

(11) E. L. B. Junior, J. T. S. S. Junior, F. S. N. Lobo, M. E. Rodrigues, L. F. D. da Silva and H. A. Vieira, [arXiv:2401.01821 [gr-qc]].

(12) Y. Zhang, H. Liu, D. Wen and H. Zhang, [arXiv:2312.15714 [gr-qc]].

(13) S. K. Jha and K. Jusufi, [arXiv:2312.08857 [gr-qc]].

(14) G. Liu and Y. Peng, Eur. Phys. J. C **83**, no.12, 1102 (2023) doi:10.1140/epjc/s10052-023-12287-z

(15) S. Hod, JHEP **12**, 178 (2023) doi:10.1007/JHEP12(2023)178 [arXiv:2311.17462 [gr-qc]].

(16) A. A. A. Filho, K. Jusufi, B. Cuadros-Melgar and G. Leon, Phys. Dark Univ. **44**, 101500 (2024) doi:10.1016/j.dark.2024.101500 [arXiv:2310.17081 [gr-qc]].

(17) R. Bécar, P. A. González, E. Papantonopoulos and Y. Vásquez, Eur. Phys. J. C **84**, no.3, 329 (2024) doi:10.1140/epjc/s10052-024-12553-8 [arXiv:2310.00857 [gr-qc]].

(18) S. Mandal, Phys. Dark Univ. **42**, 101374 (2023) doi:10.1016/j.dark.2023.101374 [arXiv:2309.16461 [gr-qc]].

(19) W. Zeng, Y. Ling, Q. Q. Jiang and G. P. Li, Phys. Rev. D **108**, no.10, 104072 (2023) doi:10.1103/PhysRevD.108.104072 [arXiv:2308.00976 [gr-qc]].

(20) P. Kocherlakota, L. Rezzolla, R. Roy and M. Wielgus, Phys. Rev. D **109**, no.6, 064064 (2024) doi:10.1103/PhysRevD.109.064064 [arXiv:2307.16841 [gr-qc]].

(21) A. E. Broderick, K. Salehi and B. Georgiev, Astrophys. J. **958**, no.2, 114 (2023) doi:10.3847/1538-4357/acf9f6 [arXiv:2307.15120 [astro-ph.HE]].

(22) T. Torres, Phys. Rev. Lett. **131**, no.11, 111401 (2023) doi:10.1103/PhysRevLett.131.111401 [arXiv:2304.10252 [gr-qc]].

(23) N. U. Molla and U. Debnath, Astrophys. J. **947**, no.1, 14 (2023) [erratum: Astrophys. J. **958**, no.2, 196 (2023)] doi:10.3847/1538-4357/acb6f2

(24) G. Liu and Y. Peng, [arXiv:2304.04198 [gr-qc]].

(25) A. Chowdhuri, S. Ghosh and A. Bhattacharyya, Front. Phys. **11**, 1113909 (2023) doi:10.3389/fphy.2023.1113 [arXiv:2303.02069 [gr-qc]].

(26) Q. Sun, Q. Li, Y. Zhang and Q. Q. Li, Mod. Phys. Lett. A **38**, no.22n23, 2350102 (2023) doi:10.1142/S021773232350102X [arXiv:2302.10758 [physics.gen-ph]].

(27) S. I. Kruglov, Universe **9**, 24 (2023) doi:10.3390/universe9010024 [arXiv:2301.11801 [physics.gen-ph]].

(28) S. Ghoshal, S. K. Jha and A. Rahaman, doi:10.2139/ssrn.4598397

(29) C. Y. Chen, Y. J. Chen, M. Y. Ho and Y. H. Tseng, Phys. Lett. B **845**, 138153 (2023) doi:10.1016/j.physletb.2023.138153 [arXiv:2212.10028 [gr-qc]].

(30) Q. Sun, Q. Li, Y. Zhang and Q. Q. Li, Mod. Phys. Lett. A **38**, no.22n23, 2350102 (2023) doi:10.1142/S021773232350102X [arXiv:2302.10758 [physics.gen-ph]].

(31) S. Hod, Phys. Rev. D **107**, no.2, 024028 (2023) doi:10.1103/PhysRevD.107.024028 [arXiv:2211.15983 [gr-qc]].

(32) Y. Peng, Eur. Phys. J. C **83**, no.4, 339 (2023) doi:10.1140/epjc/s10052-023-11450-w [arXiv:2211.14463 [gr-qc]].

(33) D. V. Singh, A. Shukla and S. Upadhyay, Annals Phys. **447**, 169157 (2022) doi:10.1016/j.aop.2022.169157 [arXiv:2211.09673 [gr-qc]].

(34) Y. Feng and W. Nie, Int. J. Theor. Phys. **61**, no.9, 223 (2022) doi:10.1007/s10773-022-05205-8

(35) S. Hod, Eur. Phys. J. C **82**, no.8, 663 (2022) doi:10.1140/epjc/s10052-022-10636-y

(36) A. Jawad, S. Chaudhary and K. Jusufi, Eur. Phys. J. C **82**, no.7, 655 (2022) doi:10.1140/epjc/s10052-022-10573-w

(37) A. Uniyal, S. Kanzi and İ. Sakallı, Eur. Phys. J. C **83**, no.7, 668 (2023) doi:10.1140/epjc/s10052-023-11846-8 [arXiv:2207.10122 [hep-th]].

(38) W. Zeng, Y. Ling and Q. Q. Jiang, Chin. Phys. C **47**, no.8, 085103 (2023) doi:10.1088/1674-1137/acd530 [arXiv:2207.07529 [gr-qc]].

(39) Y. Hou, Z. Zhang, H. Yan, M. Guo and B. Chen, Phys. Rev. D **106**, no.6, 064058 (2022) doi:10.1103/PhysRevD.106.064058 [arXiv:2206.13744 [gr-qc]].

(40) C. Ma, Y. Zhang and Z. W. Lin, Can. J. Phys. **100**, no.11, 485-492 (2022) doi:10.1139/cjp-2021-0342

(41) S. Ghosh and A. Bhattacharyya, JCAP **11**, 006 (2022) doi:10.1088/1475-7516/2022/11/006 [arXiv:2206.09954 [gr-qc]].

(42) X. M. Kuang and A. Övgün, Annals Phys. **447**, 169147 (2022) doi:10.1016/j.aop.2022.169147 [arXiv:2205.11003 [gr-qc]].

(43) C. Y. Chen, H. W. Chiang and J. S. Tsao, Phys. Rev. D **106**, no.4, 044068 (2022) doi:10.1103/PhysRevD.106.044068 [arXiv:2205.02433 [gr-qc]].

(44) Y. Z. Du, H. F. Li, F. Liu and L. C. Zhang, JHEP **01**, 137 (2023) doi:10.1007/JHEP01(2023)137 [arXiv:2204.01007 [hep-th]].

(45) K. Jusufi, M. Azreg-Aïnou, M. Jamil and Q. Wu, Universe **8**, no.4, 210 (2022) doi:10.3390/universe8040210 [arXiv:2203.14969 [gr-qc]].

(46) S. Zhou, M. Chen and J. Jia, Eur. Phys. J. C **83**, no.9, 883 (2023) doi:10.1140/epjc/s10052-023-12047-z [arXiv:2203.05415 [gr-qc]].

(47) J. Rayimbaev, B. Majeed, M. Jamil, K. Jusufi and A. Wang, Phys. Dark Univ. **35**, 100930 (2022) doi:10.1016/j.dark.2021.100930 [arXiv:2202.11509 [gr-qc]].

(48) N. Tsukamoto, Phys. Rev. D **105**, no.8, 084036 (2022) doi:10.1103/PhysRevD.105.084036 [arXiv:2202.09641 [gr-qc]].

(49) T. T. Liu, H. X. Zhang, Y. H. Feng, J. B. Deng and X. R. Hu, Mod. Phys. Lett. A **37**, no.24, 2250154 (2022) doi:10.1142/S0217732322501541 [arXiv:2201.07580 [gr-qc]].

(50) R. Kudo and H. Asada, Phys. Rev. D **105**, no.8, 084014 (2022) doi:10.1103/PhysRevD.105.084014 [arXiv:2201.01946 [gr-qc]].

(51) B. Raffaelli, JHEP **03**, 125 (2022) doi:10.1007/JHEP03(2022)125 [arXiv:2112.12543 [gr-qc]].

(52) S. J. Zhang, H. X. Zhang, L. Shao, J. B. Deng and X. R. Hu, [arXiv:2112.11869 [gr-qc]].

(53) N. KUMARA, "PHASE TRANSITIONS AND MICROSTRUCTURES OF ADS BLACK HOLES," PhD thesis, NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA(NITK) SURATHKAL, MANGALORE (2021)

(54) Y. C. Liu, J. X. Feng, F. W. Shu and A. Wang, Phys. Rev. D **104**, no.10, 106001 (2021) doi:10.1103/PhysRevD.104.106001 [arXiv:2109.02861 [gr-qc]].

(55) J. Campos, "Aspectos modernos em buracos negros," PhD thesis, UNIVERSIDADE FEDERAL DA PARAIBA (2022)

(56) N. Tsukamoto, Phys. Rev. D **105**, no.2, 024009 (2022) doi:10.1103/PhysRevD.105.024009 [arXiv:2109.00495 [gr-qc]].

(57) A. Övgün, "Connection between Sinc Approximation for High-Energy Absorption Cross Section and Shadow of Black Holes," doi:10.20944/preprints202108.0390.v1

(58) P. Tiede, "The Nature and Impact of Active Galactic Nuclei," PhD thesis, University of Waterloo (2021)

(59) T. Hsieh, D. S. Lee and C. Y. Lin, Phys. Rev. D **104**, no.10, 104013 (2021) doi:10.1103/PhysRevD.104.104013 [arXiv:2108.05006 [gr-qc]].

(60) M. A. Anacleto, J. A. V. Campos, F. A. Brito and E. Passos, Annals Phys. **434**, 168662 (2021) doi:10.1016/j.aop.2021.168662 [arXiv:2108.04998 [gr-qc]].

(61) S. I. Kruglov, Universe **7**, 249 (2021) doi:10.3390/universe7070249 [arXiv:2108.07695 [physics.gen-ph]].

(62) N. Tsukamoto, Phys. Rev. D **104**, no.12, 124016 (2021) doi:10.1103/PhysRevD.104.124016 [arXiv:2107.07146 [gr-qc]].

(63) F. Aratore and V. Bozza, JCAP **10**, 054 (2021) doi:10.1088/1475-7516/2021/10/054 [arXiv:2107.05723 [gr-qc]].

(64) S. Chaudhary, A. Jawad, K. Jusufi and M. Yasir, Mod. Phys. Lett. A **36**, no.20, 2150137 (2021) doi:10.1142/S0217732321501376

(65) M. S. Ali and S. Kauhsal, Phys. Rev. D **105**, no.2, 024062 (2022) doi:10.1103/PhysRevD.105.024062 [arXiv:2106.08464 [gr-qc]].

(66) P. C. Li, T. C. Lee, M. Guo and B. Chen, Phys. Rev. D **104**, no.8, 084044 (2021) doi:10.1103/PhysRevD.104.084044 [arXiv:2105.14268 [gr-qc]].

(67) N. Tsukamoto, Phys. Rev. D **104**, no.6, 064022 (2021) doi:10.1103/PhysRevD.104.064022 [arXiv:2105.14336 [gr-qc]].

(68) S. I. Kruglov, Symmetry **13**, no.6, 944 (2021) doi:10.3390/sym13060944

(69) U. Debnath, Chin. J. Phys. **70**, 213-231 (2021) doi:10.1016/j.cjph.2020.09.037

(70) J. A. V. Campos, M. A. Anacleto, F. A. Brito and E. Passos, Sci. Rep. **12**, no.1, 8516 (2022) doi:10.1038/s41598-022-12343-w [arXiv:2103.10659 [hep-th]].

(71) H. Yang, Phys. Rev. D **103**, no.8, 084010 (2021) doi:10.1103/PhysRevD.103.084010 [arXiv:2101.11129 [gr-qc]].

(72) J. Jia and K. Huang, Eur. Phys. J. C **81**, no.3, 242 (2021) doi:10.1140/epjc/s10052-021-09026-7 [arXiv:2011.08084 [gr-qc]].

(73) S. G. Ghosh, R. Kumar and S. U. Islam, JCAP **03**, 056 (2021) doi:10.1088/1475-7516/2021/03/056 [arXiv:2011.08023 [gr-qc]].

(74) N. Tsukamoto, Phys. Rev. D **103**, no.2, 024033 (2021) doi:10.1103/PhysRevD.103.024033 [arXiv:2011.03932 [gr-qc]].

(75) M. Ghasemi-Nodehi, M. Azreg-Aïnou, K. Jusufi and M. Jamil, Phys. Rev. D **102**, no.10, 104032 (2020) doi:10.1103/PhysRevD.102.104032 [arXiv:2011.02276 [gr-qc]].

(76) K. Jafarzade, M. Kord Zangeneh and F. S. N. Lobo, JCAP **04**, 008 (2021) doi:10.1088/1475-7516/2021/04/008 [arXiv:2010.05755 [gr-qc]].

(77) K. Jafarzade, M. Kord Zangeneh and F. S. N. Lobo, Universe **8**, no.3, 182 (2022) doi:10.3390/universe8030182 [arXiv:2009.12988 [gr-qc]].

(78) K. Saurabh and K. Jusufi, Eur. Phys. J. C **81**, no.6, 490 (2021) doi:10.1140/epjc/s10052-021-09280-9 [arXiv:2009.10599 [gr-qc]].

(79) N. Tsukamoto, Phys. Rev. D **102**, no.10, 104029 (2020) doi:10.1103/PhysRevD.102.104029 [arXiv:2008.12244 [gr-qc]].

(80) K. Jusufi, M. Azreg-Aïnou, M. Jamil and T. Zhu, Int. J. Geom. Meth. Mod. Phys. **19**, no.05, 2250068 (2022) doi:10.1142/S0219887822500682 [arXiv:2008.09115 [gr-qc]].

(81) K. Jusufi, M. Azreg-Aïnou, M. Jamil, S. W. Wei, Q. Wu and A. Wang, Phys. Rev. D **103**, no.2, 024013 (2021) doi:10.1103/PhysRevD.103.024013 [arXiv:2008.08450 [gr-qc]].

(82) M. Mondal, P. Pradhan, F. Rahaman and I. Karar, Mod. Phys. Lett. A **35**, no.30, 2050249 (2020) doi:10.1142/S0217732320502491 [arXiv:2008.11022 [gr-qc]].

(83) K. Jusufi, Gen. Rel. Grav. **53**, no.9, 87 (2021) doi:10.1007/s10714-021-02856-6 [arXiv:2007.16019 [gr-qc]].

(84) K. Hegde, A. Naveena Kumara, C. L. A. Rizwan, M. S. Ali and K. M. Ajith, Annals Phys. **429**, 168461 (2021) doi:10.1016/j.aop.2021.168461 [arXiv:2007.10259 [gr-qc]].

(85) Y. Guo and Y. G. Miao, Phys. Rev. D **102**, no.8, 084057 (2020) doi:10.1103/PhysRevD.102.084057 [arXiv:2007.08227 [hep-th]].

(86) H. Guo, H. Liu, X. M. Kuang and B. Wang, Phys. Rev. D **102**, 124019 (2020) doi:10.1103/PhysRevD.102.124 [arXiv:2007.04197 [gr-qc]].

(87) S. U. Khan and J. Ren, Phys. Dark Univ. **30**, 100644 (2020) doi:10.1016/j.dark.2020.100644 [arXiv:2006.11289 [gr-qc]].

(88) S. H. Hendi, S. N. Sajadi and M. Khademi, Phys. Rev. D **103**, no.6, 064016 (2021) doi:10.1103/PhysRevD.103.064016 [arXiv:2006.11575 [gr-qc]].

(89) S. W. Wei, Phys. Rev. D **102**, no.6, 064039 (2020) doi:10.1103/PhysRevD.102.064039 [arXiv:2006.02112 [gr-qc]].

(90) Y. Peng, Eur. Phys. J. C **80**, no.8, 755 (2020) doi:10.1140/epjc/s10052-020-8358-z [arXiv:2006.02618 [gr-qc]].

(91) Y. Peng, Eur. Phys. J. C **81**, no.3, 245 (2021) doi:10.1140/epjc/s10052-021-09034-7 [arXiv:2005.14512 [gr-qc]].

(92) K. Jusufi, M. Amir, M. S. Ali and S. D. Maharaj, Phys. Rev. D **102**, no.6, 064020 (2020) doi:10.1103/PhysRevD.102.064020 [arXiv:2005.11080 [gr-qc]].

(93) B. Cuadros-Melgar, R. D. B. Fontana and J. de Oliveira, Phys. Lett. B **811**, 135966 (2020) doi:10.1016/j.physletb.2020.135966 [arXiv:2005.09761 [gr-qc]].

(94) W. Javed, A. Hamza and A. Övgün, Phys. Rev. D **101**, no.10, 103521 (2020) doi:10.20944/preprints201911.0 [arXiv:2005.09464 [gr-qc]].

(95) S. Hod, Phys. Rev. D **101**, no.8, 084033 (2020) doi:10.1103/PhysRevD.101.084033 [arXiv:2012.03962 [gr-qc]].

(96) K. Jusufi, Phys. Rev. D **101**, no.12, 124063 (2020) doi:10.1103/PhysRevD.101.124063 [arXiv:2004.04664 [gr-qc]].

(97) N. Tsukamoto, Phys. Rev. D **101**, no.10, 104021 (2020) [erratum: Phys. Rev. D **106**, no.04, 049901 (2020); erratum: Phys. Rev. D **106**, no.4, 049901 (2022)] doi:10.1103/PhysRevD.101.104021 [arXiv:2004.00822 [gr-qc]].

(98) C. Liu, T. Zhu, Q. Wu, K. Jusufi, M. Jamil, M. Azreg-Aïnou and A. Wang, Phys. Rev. D **101**, no.8, 084001 (2020) [erratum: Phys. Rev. D **103**, no.8, 089902 (2021)] doi:10.1103/PhysRevD.101.0840 [arXiv:2003.00477 [gr-qc]].

(99) R. Q. Yang and H. Lu, Eur. Phys. J. C **80**, no.10, 949 (2020) doi:10.1140/epjc/s10052-020-08521-7 [arXiv:2001.00027 [gr-qc]].

(100) A. Naveena Kumara, C. L. Ahmed Rizwan, S. Punacha, K. M. Ajith and M. S. Ali, Phys. Rev. D **102**, no.8, 084059 (2020) doi:10.1103/PhysRevD.102.084059 [arXiv:1912.11909 [gr-qc]].

(101) K. Jusufi, Phys. Rev. D **101**, no.8, 084055 (2020) doi:10.1103/PhysRevD.101.084055 [arXiv:1912.13320 [gr-qc]].

(102) S. W. Wei and Y. X. Liu, Chin. Phys. C **44**, no.11, 115103 (2020) doi:10.1088/1674-1137/abae54 [arXiv:1909.11911 [gr-qc]].

(103) H. Li, Y. Chen and S. J. Zhang, Nucl. Phys. B **954**, 114975 (2020) doi:10.1016/j.nuclphysb.2020.114975 [arXiv:1908.09570 [hep-th]].

(104) Y. Peng, Phys. Lett. B **792**, 1-3 (2019) doi:10.1016/j.physletb.2019.03.022 [arXiv:1901.02601 [gr-qc]].

(105) Y. Peng, Phys. Lett. B **790**, 396-399 (2019) doi:10.1016/j.physletb.2019.01.049 [arXiv:1812.04257 [gr-qc]].

(106) P. A. González, M. Olivares, Y. Vásquez, J. Saavedra and A. Övgün, Eur. Phys. J. C **79**, no.6, 528 (2019) doi:10.1140/epjc/s10052-019-7043-6 [arXiv:1811.08551 [gr-qc]].

(107) R. Kumar and S. G. Ghosh, Astrophys. J. **892**, 78 (2020) doi:10.3847/1538-4357/ab77b0 [arXiv:1811.01260 [gr-qc]].

(108) S. W. Wei, Y. X. Liu and Y. Q. Wang, Phys. Rev. D **99**, no.4, 044013 (2019) doi:10.1103/PhysRevD.99.04401 [arXiv:1807.03455 [gr-qc]].

(109) A. Övgün, İ. Sakallı and J. Saavedra, JCAP **10**, 041 (2018) doi:10.1088/1475-7516/2018/10/041 [arXiv:1807.00388 [gr-qc]].

(110) A. Övgün, İ. Sakallı and J. Saavedra, Annals Phys. **411**, 167978 (2019) doi:10.1016/j.aop.2019.167978 [arXiv:1806.06453 [gr-qc]].

(111) A. Övgün, Universe **5**, no.5, 115 (2019) doi:10.3390/universe5050115 [arXiv:1806.05549 [physics.gen-ph]].

(112) S. Hod, Eur. Phys. J. C **78**, no.5, 417 (2018) doi:10.1140/epjc/s10052-018-5905-y [arXiv:1811.04948 [gr-qc]].

(113) A. Övgün, Phys. Rev. D **98**, no.4, 044033 (2018) doi:10.1103/PhysRevD.98.044033 [arXiv:1805.06296 [gr-qc]].

(114) K. Jusufi, A. Övgün, J. Saavedra, Y. Vásquez and P. A. González, Phys. Rev. D **97**, no.12, 124024 (2018) doi:10.1103/PhysRevD.97.124024 [arXiv:1804.00643 [gr-qc]].

(115) S. W. Wei and Y. X. Liu, Phys. Rev. D **97**, no.10, 104027 (2018) doi:10.1103/PhysRevD.97.104027 [arXiv:1711.01522 [gr-qc]].

(116) N. Tsukamoto, Phys. Rev. D **97**, no.6, 064021 (2018) doi:10.1103/PhysRevD.97.064021 [arXiv:1708.07427 [gr-qc]].

(117) A. A. Shoom, Phys. Rev. D **96**, no.8, 084056 (2017) doi:10.1103/PhysRevD.96.084056 [arXiv:1708.00019 [gr-qc]].

(118) N. Tsukamoto and Y. Gong, Phys. Rev. D **95**, no.6, 064034 (2017) doi:10.1103/PhysRevD.95.064034 [arXiv:1612.08250 [gr-qc]].

(119) N. Tsukamoto, Phys. Rev. D **95**, no.6, 064035 (2017) doi:10.1103/PhysRevD.95.064035 [arXiv:1612.08251 [gr-qc]].

(120) F. S. Khoo, "Generalized Geometry Approaches to Gravity," PhD thesis, Bremen U. (2016)

(121) K. K. Nandi, R. N. Izmailov, A. A. Yanbekov and A. A. Shayakhmetov, Phys. Rev. D **95**, no.10, 104011 (2017) doi:10.1103/PhysRevD.95.104011 [arXiv:1611.03479 [gr-qc]].

(122) ШАЯХМЕТОВ А.А., "ОПРЕДЕЛЕНИЕ ТИПА АСТРОФИЗИЧЕСКОГО ОБЪЕКТА В ПРЕДЕЛЕ СИЛЬНЫХ ГРАВИТАЦИОННЫХ ПОЛЕЙ," сборник материалов. Уфа, (2017)

(123) N. Tsukamoto, Phys. Rev. D **94**, no.12, 124001 (2016) doi:10.1103/PhysRevD.94.124001 [arXiv:1607.07022 [gr-qc]].

(124) T. Kitamura, "Gravitational lensing in an exotic spacetime," Thesis: PhD Hirosaki U. (2016), URN/HDL: 10129/5798

(125) S. W. Wei, Y. X. Liu and C. E. Fu, Sci. China Phys. Mech. Astron. **59**, no.4, 640401 (2016) doi:10.1007/s11433-016-5790-z

(126) S. W. Wei, Y. X. Liu and C. E. Fu, Adv. High Energy Phys. **2015**, 454217 (2015) doi:10.1155/2015/454217 [arXiv:1510.02560 [gr-qc]].

(127) E. Gallo and J. R. Villanueva, Phys. Rev. D **92**, no.6, 064048 (2015) doi:10.1103/PhysRevD.92.064048 [arXiv:1509.07379 [gr-qc]].

(128) M. Sharif and S. Iftikhar, Astrophys. Space Sci. **357**, no.1, 85 (2015) doi:10.1007/s10509-015-2231-9

(129) S. Sahu, K. Lochan and D. Narasimha, Phys. Rev. D **91**, 063001 (2015) doi:10.1103/PhysRevD.91.063001 [arXiv:1502.05619 [gr-qc]].

(130) M. Sharif and S. Iftikhar, Adv. High Energy Phys. **2015**, 635625 (2015) [erratum: Adv. High Energy Phys. **2015**, 219762 (2015)] doi:10.1155/2015/635625

(131) B. Raffaelli, Gen. Rel. Grav. **48**, no.2, 16 (2016) doi:10.1007/s10714-016-2016-7 [arXiv:1412.7333 [gr-qc]].

(132) N. Tsukamoto, T. Kitamura, K. Nakajima and H. Asada, Phys. Rev. D **90**, no.6, 064043 (2014) doi:10.1103/PhysRevD.90.064043 [arXiv:1402.6823 [gr-qc]].

(133) S. Hod, Phys. Lett. B **727**, 345-348 (2013) doi:10.1016/j.physletb.2013.10.047 [arXiv:1701.06587 [gr-qc]].

(134) S. W. Wei and Y. X. Liu, Phys. Rev. D **89**, no.4, 047502 (2014) doi:10.1103/PhysRevD.89.047502 [arXiv:1309.6375 [gr-qc]].

(135) Raffaelli B., Analyse semi-classique des phenomenes de resonance et d absorption par des trous noirs, PhD thesis, Universite de Corse - Pasquale Paoli

(136) S. W. Wei, Y. X. Liu and C. E. Fu, [arXiv:1301.7206 [gr-qc]].

(137) S. R. Dolan and E. S. Oliveira, Phys. Rev. D **87**, no.12, 124038 (2013) doi:10.1103/PhysRevD.87.124038 [arXiv:1211.3751 [gr-qc]].

(138) S. Fernando and J. Correa, Phys. Rev. D **86**, 064039 (2012) doi:10.1103/PhysRevD.86.064039 [arXiv:1208.5442 [gr-qc]].

(139) S. W. Wei and Y. X. Liu, Phys. Rev. D **85**, 064044 (2012) doi:10.1103/PhysRevD.85.064044 [arXiv:1107.3023 [hep-th]].

(140) S. W. Wei, Y. X. Liu, C. E. Fu and K. Yang, JCAP **10**, 053 (2012) doi:10.1088/1475-7516/2012/10/053 [arXiv:1104.0776 [hep-th]].

(141) Y. Decanini, A. Folacci and B. Raffaelli, Class. Quant. Grav. **28**, 175021 (2011) doi:10.1088/0264-9381/28/17/175021 [arXiv:1104.3285 [gr-qc]].

(142) S. W. Wei, Y. X. Liu and H. Guo, Phys. Rev. D **84**, 041501 (2011) doi:10.1103/PhysRevD.84.041501 [arXiv:1103.3822 [hep-th]].

(143) V. Perlick, [arXiv:1010.3416 [gr-qc]].

A.106. **S. S. Yazadjiev**, "A Uniqueness theorem for black holes with Kaluza-Klein asymptotic in 5D Einstein-Maxwell gravity," Phys. Rev. D **82**, 024015 (2010)

[arXiv:1002.3954 [hep-th]].

Забелязани независими цитати:

(1) V. Breunhölder and J. Lucietti, Commun. Math. Phys. **365**, no.2, 471-513 (2019) doi:10.1007/s00220-018-3215-8 [arXiv:1712.07092 [hep-th]].

(2) J. Armas, Class. Quant. Grav. **32**, no.4, 045001 (2015) doi:10.1088/0264-9381/32/4/045001 [arXiv:1408.4567 [hep-th]].

(3) J. Kunz, doi:10.1142/9789814623995_0027 [arXiv:1309.4049 [gr-qc]].

(4) S. Tomizawa, Phys. Rev. D **82**, 104047 (2010) doi:10.1103/PhysRevD.82.104047 [arXiv:1007.1183 [hep-th]].

A.107. D. D. Doneva, **S. S. Yazadjiev**, K. D. Kokkotas, I. Z. Stefanov and M. D. Todorov, "Charged anti-de Sitter scalar-tensor black holes and their thermodynamic phase structure," Phys. Rev. D **81**, 104030 (2010)

[arXiv:1001.3569 [gr-qc]].

Забелязани независими цитати:

(1) A. Ditta, S. Mumtaz, G. Mustafa, S. K. Maurya, F. Atamurotov and A. Mahmood, JHEAp **42**, 146-155 (2024) doi:10.1016/j.jheap.2024.04.007

(2) K. Jafarzade, B. Eslam Panah and M. E. Rodrigues, Class. Quant. Grav. **41**, no.6, 065007 (2024) doi:10.1088/1361-6382/ad242e [arXiv:2402.08704 [gr-qc]].

(3) Y. Younesizadeh, A. A. Ahmad, A. H. Ahmed, F. Younesizadeh and M. Ebrahimkhas, Int. J. Mod. Phys. A **34**, no.35, 1950239 (2020) doi:10.1142/S0217751X19502397 [arXiv:2006.10710 [hep-th]].

(4) Z. Zhao and J. Jing, [arXiv:1607.03565 [gr-qc]].

(5) Arindam Lala, Non-linear aspects of black hole physics, PhD thesis, University of Calcutta (2015)

(6) Z. Zhao and J. Jing, JHEP **11**, 037 (2014) doi:10.1007/JHEP11(2014)037 [arXiv:1405.2640 [gr-qc]].

(7) J. Diaz-Alonso and D. Rubiera-Garcia, Gen. Rel. Grav. **45**, 1901-1950 (2013) doi:10.1007/s10714-013-1567-0 [arXiv:1204.2506 [gr-qc]].

(8) Lala, A. and Roychowdhury, D., Ehrenfest's scheme and thermodynamic geometry in Born-Infeld AdS black holes, Phys. Rev. D 86, 084027 (2012); arXiv:1111.5991

(9) M. Cadoni and P. Pani, JHEP **04**, 049 (2011) doi:10.1007/JHEP04(2011)049 [arXiv:1102.3820 [hep-th]].

(10) T. Moon, Y. S. Myung and E. J. Son, Gen. Rel. Grav. **43**, 3079-3098 (2011) doi:10.1007/s10714-011-1225-3 [arXiv:1101.1153 [gr-qc]].

(11) R. Banerjee, S. K. Modak and S. Samanta, Phys. Rev. D **84**, 064024 (2011) doi:10.1103/PhysRevD.84.064024 [arXiv:1005.4832 [hep-th]].

A.108. **S. S. Yazadjiev** and P. G. Nedkova, "Sequences of dipole black rings and Kaluza-Klein bubbles," JHEP **1001**, 048 (2010)

[arXiv:0910.0938 [hep-th]].

Забелязани независими цитати:

(1) A. Viganò, [arXiv:2211.00436 [gr-qc]].

(2) M. Astorino, R. Emparan and A. Viganò, JHEP **07**, 007 (2022) doi:10.1007/JHEP07(2022)007 [arXiv:2204.09690 [hep-th]].

(3) H. K. Kunduri and J. Lucietti, Class. Quant. Grav. **31**, no.3, 032001 (2014) doi:10.1088/0264-9381/31/3/032001 [arXiv:1310.4810 [hep-th]].

(4) J. Kunz, doi:10.1142/9789814623995_0027 [arXiv:1309.4049 [gr-qc]].

(5) S. Tomizawa and H. Ishihara, Prog. Theor. Phys. Suppl. **189**, 7-51 (2011) doi:10.1143/PTPS.189.7 [arXiv:1104.1468 [hep-th]].

(6) J. Armas and T. Harmark, JHEP **05**, 093 (2010) doi:10.1007/JHEP05(2010)093 [arXiv:0911.4654 [hep-th]].

A.109. G. Gyulchev, "Analytical Kerr-Sen Dilaton-Axion Black Hole Lensing in the Weak Deflection Limit," Phys. Rev. D 81, 023005 (2010)

[0909.3014 [gr-qc]]

Забелязани независими цитати:

(1) X. Ying and J. Jia, [arXiv:2405.03471 [gr-qc]].

(2) C. A. Woodward, "Unraveling the mysteries of spacetime: holographic codes and gravitational lensing," PhD thesis, UNIVERSITY OF SOUTHAMPTON (2023)

(3) S. Vagnozzi, R. Roy, Y. D. Tsai, L. Visinelli, M. Afrin, A. Allahyari, P. Bambhaniya, D. Dey, S. G. Ghosh and P. S. Joshi, *et al.* Class. Quant. Grav. **40**, no.16, 165007 (2023) doi:10.1088/1361-6382/acd97b [arXiv:2205.07787 [gr-qc]].

(4) U. Debnath, Chin. J. Phys. **70**, 213-231 (2021) doi:10.1016/j.cjph.2020.09.037

(5) R. Uniyal, H. Nandan and P. Jetzer, Phys. Lett. B **782**, 185-192 (2018) doi:10.1016/j.physletb.2018.05.006 [arXiv:1803.04268 [gr-qc]].

(6) K. Jusufi, F. Rahaman and A. Banerjee, Annals Phys. **389**, 219-233 (2018) doi:10.1016/j.aop.2017.12.013 [arXiv:1709.00227 [gr-qc]].

(7) S. Dastan, R. Saffari and S. Soroushfar, [arXiv:1610.09477 [gr-qc]].

(8) U. Debnath, Mod. Phys. Lett. A **35**, no.07, 2050033 (2019) doi:10.1142/S0217732320500339 [arXiv:1508.02385 [gr-qc]].

(9) V. Bozza, Gen. Rel. Grav. **42**, 2269-2300 (2010) doi:10.1007/s10714-010-0988-2 [arXiv:0911.2187 [gr-qc]].

A.110. **S. S. Yazadjiev** and P. G. Nedkova, "Magnetized configurations with black holes and Kaluza-Klein bubbles: Smarr-like relations and first law," Phys. Rev. D **80**, 024005 (2009)

[arXiv:0904.3605 [hep-th]].

Забелязани независими цитати:

(1) Y. K. Lim, [arXiv:2112.14884 [gr-qc]].

(2) V. Breunhölder and J. Lucietti, Commun. Math. Phys. **365**, no.2, 471-513 (2019) doi:10.1007/s00220-018-3215-8 [arXiv:1712.07092 [hep-th]].

(3) X. D. Zhu, D. Wu, S. Q. Wu and S. Z. Yang, Gen. Rel. Grav. **48**, no.12, 154 (2016) doi:10.1007/s10714-016-2149-8 [arXiv:1606.02414 [hep-th]].

(4) H. K. Kunduri and J. Lucietti, Class. Quant. Grav. **31**, no.3, 032001 (2014) doi:10.1088/0264-9381/31/3/032001 [arXiv:1310.4810 [hep-th]].

(5) J. Kunz, doi:10.1142/9789814623995_0027 [arXiv:1309.4049 [gr-qc]].

(6) J. Armas and T. Harmark, JHEP **05**, 093 (2010) doi:10.1007/JHEP05(2010)093 [arXiv:0911.4654 [hep-th]].

A.111. I. Stefanov, **S. Yazadjiev**, M. Todorov, "Stability of charged scalar-tensor black holes coupled to Born-Infeld nonlinear electrodynamics," Class. Quant. Grav. **26**, 015006 (2009)

Забелязани независими цитати:

(1) K. Nomura, D. Yoshida and J. Soda, Phys. Rev. D **101**, no.12, 124026 (2020) doi:10.1103/PhysRevD.101.124 [arXiv:2004.07560 [gr-qc]].

(2) D. D. Doneva and G. Pappas, Astrophys. Space Sci. Libr. **457**, 737-806 (2018) doi:10.1007/978-3-319-97616-7_13 [arXiv:1709.08046 [gr-qc]].

(3) E. Berti, V. Cardoso, L. Gualtieri, M. Horbatsch and U. Sperhake, Phys. Rev. D **87**, no.12, 124020 (2013) doi:10.1103/PhysRevD.87.124020 [arXiv:1304.2836 [gr-qc]].

(4) T. Moon, Y. S. Myung and E. J. Son, Eur. Phys. J. C **71**, 1777 (2011) doi:10.1140/epjc/s10052-011-1777-0 [arXiv:1104.1908 [gr-qc]].

(5) Y. S. Myung, T. Moon and E. J. Son, Phys. Rev. D **83**, 124009 (2011) doi:10.1103/PhysRevD.83.124009 [arXiv:1103.0343 [gr-qc]].

A.112. S. Hollands and **S. S. Yazadjiev**, "A Uniqueness theorem for stationary Kaluza-Klein black holes," Commun. Math. Phys. **302**, 631 (2011)

[arXiv:0812.3036 [gr-qc]].

Забелязани независими цитати:

(1) S. Ovchinnikov, "Classification of supersymmetric black holes in AdS_5," PhD thesis, doi:10.7488/era/3848

(2) D. A. Farotti,"Supergravity, supersymmetry and black holes," PhD thesis, doi:10.15126/thesis.900801

(3) D. Katona, "A classification of supersymmetric Kaluza-Klein black holes with a single axial symmetry," PhD thesis, doi:10.1007/s00023-024-01415-4 [arXiv:2306.09933 [hep-th]].

(4) G. Nilsson, "Topology of Toric Gravitational Instantons," PhD thesis, [arXiv:2301.10212 [math.DG]].

(5) J. Lucietti, P. Ntokos and S. G. Ovchinnikov, Class. Quant. Grav. **39**, no.24, 245006 (2022) doi:10.1088/1361-6382/aca193 [arXiv:2208.00896 [hep-th]].

(6) D. Katona and J. Lucietti, Commun. Math. Phys. **399**, no.2, 1151-1201 (2023) doi:10.1007/s00220-022-04576-7 [arXiv:2206.11782 [hep-th]].

(7) M. Khuri, M. Reiris, G. Weinstein and S. Yamada, [arXiv:2204.08048 [math.DG]].

(8) F. Tomlinson,"Constructing and classifying five-dimensional black holes using integrability," doi:10.7488/era/1993

(9) F. Tomlinson, Class. Quant. Grav. **39**, no.13, 135008 (2022) doi:10.1088/1361-6382/ac5814 [arXiv:2111.14809 [gr-qc]].

(10) J. Rainone, "Black Holes, Manifolds, and Cohomogeneity-2 Torus Symmetry," PhD thesis, Stony Brook University (2022)

(11) H. K. Kunduri and J. Lucietti, Lett. Math. Phys. **111**, no.5, 133 (2021) doi:10.1007/s11005-021-01475-1 [arXiv:2107.02540 [math.DG]].

(12) M. Khuri, G. Weinstein and S. Yamada, Phys. Rev. D **104**, 044063 (2021) doi:10.1103/PhysRevD.104.044063 [arXiv:2105.13260 [gr-qc]].

(13) V. Moncrief and N. Gudapati, [arXiv:2105.12632 [gr-qc]].

(14) D. Farotti and J. Gutowski, JHEP **07**, 155 (2021) doi:10.1007/JHEP07(2021)155 [arXiv:2104.05478 [hep-th]].

(15) T. J. Baird and H. K. Kunduri, J. Geom. Phys. **168**, 104310 (2021) doi:10.1016/j.geomphys.2021.104310 [arXiv:2012.12979 [math.DG]].

(16) S. Gunasekaran, "Initial Value Problems in General Relativity," PhD thesis, Department of Mathematics and Statistics, Memorial University of Newfoundland (2020)

(17) J. Lucietti and F. Tomlinson, JHEP **21**, 005 (2020) doi:10.1007/JHEP02(2021)005 [arXiv:2012.00381 [gr-qc]].

(18) M. Khuri, G. Weinstein and S. Yamada, JHEP **12**, 002 (2020) doi:10.1007/JHEP12(2020)002 [arXiv:2009.01999 [gr-qc]].

(19) J. Lucietti and F. Tomlinson, Adv. Theor. Math. Phys. **26**, no.2, 371 (2022) doi:10.4310/ATMP.2022.v26.n2 [arXiv:2008.12761 [gr-qc]].

(20) V. Breunhölder, "Moduli space of supersymmetric black holes in five dimensions," PhD thesis (2019), The University of Edinburgh

(21) A. Alaee, M. Khuri and H. Kunduri, Math. Res. Lett. **29**, no.5, 1279-1346 (2022) doi:10.4310/MRL.2022.v29.n5.a1 [arXiv:1904.12425 [gr-qc]].

(22) H. K. Kunduri and J. Lucietti, Class. Quant. Grav. **36**, no.7, 07LT02 (2019) doi:10.1088/1361-6382/ab0982 [arXiv:1810.13210 [hep-th]].

(23) M. Khuri, Y. Matsumoto, G. Weinstein and S. Yamada, Trans. Am. Math. Soc. **372**, no.5, 3237-3256 (2019) doi:10.1090/tran/7812 [arXiv:1807.03452 [gr-qc]].

(24) M. Khuri, E. Woolgar and W. Wylie, Lett. Math. Phys. **109**, no.3, 661-673 (2019) doi:10.1007/s11005-018-1121-9 [arXiv:1804.01220 [hep-th]].

(25) M. Khuri, G. Weinstein and S. Yamada, PTEP **2018**, no.5, 053E01 (2018) doi:10.1093/ptep/pty052 [arXiv:1802.02457 [hep-th]].

(26) V. Breunhölder and J. Lucietti, Commun. Math. Phys. **365**, no.2, 471-513 (2019) doi:10.1007/s00220-018-3215-8 [arXiv:1712.07092 [hep-th]].

(27) S. Yamada, "Harmonic map, symmetric space and Einstein equation," Mathematisches Forschungsinstitut Oberwolfach, Report No. 40/2018; DOI: 10.4171/OWR/2018/40

(28) M. Khuri, G. Weinstein and S. Yamada, Diff. Eq. **43**, 1205-1241 (2018) [arXiv:1711.05229 [gr-qc]].

(29) U. Hussain, "The stage joins the show: Aspects of perturbed spacetimes," PhD thesis, Memorial University, Newfoundland and Labrador, Canada (2017)

(30) S. Gunasekaran, U. Hussain and H. K. Kunduri, Phys. Rev. D **94**, no.12, 124029 (2016) doi:10.1103/PhysRevD.94.124029 [arXiv:1609.08500 [hep-th]].

(31) J. Armas, Class. Quant. Grav. **32**, no.4, 045001 (2015) doi:10.1088/0264-9381/32/4/045001 [arXiv:1408.4567 [hep-th]].

(32) H. K. Kunduri and J. Lucietti, JHEP **10**, 082 (2014) doi:10.1007/JHEP10(2014)082 [arXiv:1407.8002 [hep-th]].

(33) J. Kunz, doi:10.1142/9789814623995_0027 [arXiv:1309.4049 [gr-qc]].

(34) H. K. Kunduri and J. Lucietti, Living Rev. Rel. **16**, 8 (2013) doi:10.12942/lrr-2013-8 [arXiv:1306.2517 [hep-th]].

(35) T. T. Paetz and W. Simon, Class. Quant. Grav. **30**, 235005 (2013) doi:10.1088/0264-9381/30/23/235005 [arXiv:1302.3052 [gr-qc]].

(36) C. Stelea, C. Dariescu and M. A. Dariescu, Phys. Rev. D **87**, no.2, 024039 (2013) doi:10.1103/PhysRevD.87.024039 [arXiv:1211.3154 [gr-qc]].

(37) C. Stelea and M. C. Ghilea, Phys. Lett. B **719**, 191-195 (2013) doi:10.1016/j.physletb.2013.01.009 [arXiv:1211.3725 [gr-qc]].

(38) D. Kastor and J. Traschen, Phys. Rev. D **86**, 081501 (2012) doi:10.1103/PhysRevD.86.081501 [arXiv:1207.5415 [hep-th]].

(39) P. T. Chrusciel, J. Lopes Costa and M. Heusler, Living Rev. Rel. **15**, 7 (2012) doi:10.12942/lrr-2012-7 [arXiv:1205.6112 [gr-qc]].

(40) J. Armas, "(Electro)Elasticity from Gravity," PhD thesis (2012), Niels Bohr Institute, Faculty of Science, University of Copenhagen.

(41) J. Armas, P. Caputa and T. Harmark, Phys. Rev. D **85**, 084019 (2012) doi:10.1103/PhysRevD.85.084019 [arXiv:1111.1163 [hep-th]].

(42) C. Stelea, K. Schleich and D. Witt, Phys. Rev. D **91**, 024040 (2015) doi:10.1103/PhysRevD.91.024040 [arXiv:1108.5145 [gr-qc]].

(43) Y. Chen and E. Teo, Phys. Lett. B **703**, 359-362 (2011) doi:10.1016/j.physletb.2011.07.076 [arXiv:1107.0763 [gr-qc]].

(44) Cortier J., Etude mathrmatique de Trous Noirs et de leurs donnres initiales en Relativite Generale, PhD thesis, Docteur de l Universite Montpellier II (2011); tel.archives-ouvertes.fr

(45) D. Ida, A. Ishibashi and T. Shiromizu, Prog. Theor. Phys. Suppl. **189**, 52-92 (2011) doi:10.1143/PTPS.189.52 [arXiv:1105.3491 [hep-th]].

(46) P. T. Chrusciel and L. Nguyen, Gen. Rel. Grav. **43**, 1615-1624 (2011) doi:10.1007/s10714-011-1159-9 [arXiv:1007.4972 [gr-qc]].

(47) Z. Liu and Z. Chen, Int. J. Mod. Phys. A **26**, 2271-2277 (2011) doi:10.1142/S0217751X11053006 [arXiv:1101.3816 [hep-th]].

(48) Liljegren S., Solutions and dynamics of higher dimensional black holes, PhD thesis, Imperial College London (2011); workspace.imperial.ac.uk

(49) Y. Chen and E. Teo, Nucl. Phys. B **850**, 253-272 (2011) doi:10.1016/j.nuclphysb.2011.04.019 [arXiv:1011.6464 [hep-th]].

(50) K. Tanabe, S. Ohashi and T. Shiromizu, Phys. Rev. D **82**, 104042 (2010) doi:10.1103/PhysRevD.82.104042 [arXiv:1009.1486 [gr-qc]].

(51) J. Holland, Annales Henri Poincare **15**, 407-414 (2014) doi:10.1007/s00023-013-0244-x [arXiv:1008.0520 [gr-qc]].

(52) S. Tomizawa, Phys. Rev. D **82**, 104047 (2010) doi:10.1103/PhysRevD.82.104047 [arXiv:1007.1183 [hep-th]].

(53) P. T. Chrusciel, G. J. Galloway and D. Pollack, [arXiv:1004.1016 [gr-qc]].

(54) Y. Chen and E. Teo, Nucl. Phys. B **838**, 207-237 (2010) doi:10.1016/j.nuclphysb.2010.05.017 [arXiv:1004.2750 [gr-qc]].

(55) P. T. Chrusciel, J. Cortier and A. G. P. Gomez-Lobo, Adv. Theor. Math. Phys. **14**, no.6, 1779-1856 (2010) doi:10.4310/ATMP.2010.v14.n6.a5 [arXiv:0911.0802 [gr-qc]].

(56) S. Tomizawa, Y. Yasui and A. Ishibashi, Phys. Rev. D **81**, 084037 (2010) doi:10.1103/PhysRevD.81.084037 [arXiv:0911.4309 [hep-th]].

(57) Yu, C., Black holes in five dimensions with R ? U2(1) isometry, PhD thesis, NATIONAL UNIVERSITY OF SINGAPORE (2010); scholarbank.nus.edu.sg

(58) J. Armas and T. Harmark, JHEP **05**, 093 (2010) doi:10.1007/JHEP05(2010)093 [arXiv:0911.4654 [hep-th]].

(59) A. J. Amsel, G. T. Horowitz, D. Marolf and M. M. Roberts, Phys. Rev. D **81**, 024033 (2010) doi:10.1103/PhysRevD.81.024033 [arXiv:0906.2367 [gr-qc]].

(60) A. J. Amsel, G. T. Horowitz, D. Marolf and M. M. Roberts, JHEP **09**, 044 (2009) doi:10.1088/1126-6708/2009/09/044 [arXiv:0906.2376 [hep-th]].

(61) P. Figueras and J. Lucietti, Class. Quant. Grav. **27**, 095001 (2010) doi:10.1088/0264-9381/27/9/095001 [arXiv:0906.5565 [hep-th]].

(62) B. Kleihaus, J. Kunz and E. Radu, Phys. Lett. B **678**, 301-307 (2009) doi:10.1016/j.physletb.2009.06.039 [arXiv:0904.2723 [hep-th]].

(63) T. Harmark, Phys. Rev. D **80**, 024019 (2009) doi:10.1103/PhysRevD.80.024019 [arXiv:0904.4246 [hep-th]].

(64) M. Kimura, Phys. Rev. D **80**, 044012 (2009) doi:10.1103/PhysRevD.80.044012 [arXiv:0904.4311 [gr-qc]].

(65) S. Tomizawa, Y. Yasui and A. Ishibashi, Phys. Rev. D **79**, 124023 (2009) doi:10.1103/PhysRevD.79.124023 [arXiv:0901.4724 [hep-th]].

A.113. J. Kunz and **S. S. Yazadjiev**, "Charged black holes on a Kaluza-Klein bubble," Phys. Rev. D **79**, 024010 (2009)

[arXiv:0811.0730 [hep-th]].

Забелязани независими цитати:

(1) T. N. Hung and C. H. Nam, Eur. Phys. J. C **83**, no.6, 472 (2023) doi:10.1140/epjc/s10052-023-11606-8 [arXiv:2303.00348 [hep-th]].

(2) A. Viganò, [arXiv:2211.00436 [gr-qc]].

(3) M. Astorino, R. Emparan and A. Viganò, JHEP **07**, 007 (2022) doi:10.1007/JHEP07(2022)007 [arXiv:2204.09690 [hep-th]].

(4) C. Knoll and P. Nedkova, Phys. Rev. D **93**, no.6, 064052 (2016) doi:10.1103/PhysRevD.93.064052 [arXiv:1512.01494 [gr-qc]].

(5) K. Matsuno, H. Ishihara and M. Kimura, Class. Quant. Grav. **32**, no.21, 215008 (2015) doi:10.1088/0264-9381/32/21/215008 [arXiv:1504.04203 [hep-th]].

(6) S. Tomizawa and H. Ishihara, Prog. Theor. Phys. Suppl. **189**, 7-51 (2011) doi:10.1143/PTPS.189.7 [arXiv:1104.1468 [hep-th]].

(7) S. Abdolrahimi and A. A. Shoom, Phys. Rev. D **83**, 104023 (2011) doi:10.1103/PhysRevD.83.104023 [arXiv:1103.1171 [hep-th]].

(8) C. Stelea, K. Schleich and D. Witt, Phys. Rev. D **83**, 084037 (2011) doi:10.1103/PhysRevD.83.084037 [arXiv:0909.3835 [hep-th]].

A.114. G. N. Gyulchev and **S. S. Yazadjiev**, "Gravitational Lensing by Rotating Naked Singularities," Phys. Rev. D **78**, 083004 (2008)

[arXiv:0806.3289 [gr-qc]].

Забелязани независими цитати:

(1) K. S. Virbhadra, [arXiv:2402.17190 [gr-qc]].

(2) T. Wu and Y. Chen, [arXiv:2402.06413 [gr-qc]].

(3) N. U. Molla, H. Chaudhary, D. Arora, F. Atamurotov, U. Debnath and G.Mustafa, [arXiv:2310.14234 [gr-qc]].

(4) Y. Chen, P. Wang, H. Wu and H. Yang, JCAP **04**, 032 (2024) doi:10.1088/1475-7516/2024/04/032 [arXiv:2309.04157 [gr-qc]].

(5) D. Chen, Y. Chen, P. Wang, T. Wu and H. Wu, [arXiv:2309.00905 [gr-qc]].

(6) A. G. Azar, H. Rezaei and H. Moradpour, Serb. Astron. J. **207**, 1-7 (2023) doi:10.2298/SAJ2307001G [arXiv:2308.03799 [gr-qc]].

(7) N. U. Molla, A. Ali and U. Debnath, [arXiv:2307.11798 [gr-qc]].

(8) Y. Chen, P. Wang, H. Wu and H. Yang, Phys. Rev. D **109**, no.8, 084014 (2024) doi:10.1103/PhysRevD.109.084014 [arXiv:2305.17411 [gr-qc]].

(9) K. Pal, K. Pal, R. Shaikh and T. Sarkar, JCAP **11**, 060 (2023) doi:10.1088/1475-7516/2023/11/060 [arXiv:2305.07518 [gr-qc]].

(10) Y. Duan, S. Lin and J. Jia, JCAP **07**, 036 (2023) doi:10.1088/1475-7516/2023/07/036 [arXiv:2304.07496 [gr-qc]].

(11) K. Acharya, K. Pandey, P. Bambhaniya, P. S. Joshi and V. Patel, [arXiv:2303.16590 [gr-qc]].

(12) V. Patel, K. Acharya, P. Bambhaniya and P. S. Joshi, Phys. Rev. D **107**, no.6, 064036 (2023) doi:10.1103/PhysRevD.107.064036 [arXiv:2301.11052 [gr-qc]].

(13) J. Kumar, S. U. Islam and S. G. Ghosh, Astrophys. J. **938**, no.2, 104 (2022) doi:10.3847/1538-4357/ac912c [arXiv:2209.04240 [gr-qc]].

(14) I. Bogush and D. Gal'tsov, Phys. Rev. D **106**, no.8, 084054 (2022) doi:10.1103/PhysRevD.106.084054 [arXiv:2208.14667 [gr-qc]].

(15) V. Patel, K. Acharya, P. Bambhaniya and P. S. Joshi, Universe **8**, no.11, 571 (2022) doi:10.3390/universe8110571 [arXiv:2206.00428 [gr-qc]].

(16) F. Atamurotov and S. G. Ghosh, Eur. Phys. J. Plus **137**, no.6, 662 (2022) doi:10.1140/epjp/s13360-022-02885-3

(17) X. M. Kuang and A. Övgün, Annals Phys. **447**, 169147 (2022) doi:10.1016/j.aop.2022.169147 [arXiv:2205.11003 [gr-qc]].

(18) S. Vagnozzi, R. Roy, Y. D. Tsai, L. Visinelli, M. Afrin, A. Allahyari, P. Bambhaniya, D. Dey, S. G. Ghosh and P. S. Joshi, *et al.* Class. Quant. Grav. **40**, no.16, 165007 (2023) doi:10.1088/1361-6382/acd97b [arXiv:2205.07787 [gr-qc]].

(19) K. S. Virbhadra, Phys. Rev. D **106**, no.6, 064038 (2022) doi:10.1103/PhysRevD.106.064038 [arXiv:2204.01879 [gr-qc]].

(20) A. H. Ziaie, H. Moradpour, V. B. Bezerra and A. Jawad, Eur. Phys. J. Plus **137**, no.5, 628 (2022) doi:10.1140/epjp/s13360-022-02844-y [arXiv:2202.11710 [gr-qc]].

(21) T. Ghosh and A. Ali, Int. J. Mod. Phys. D **31**, no.02, 2250006 (2022) doi:10.1142/S0218271822500067

(22) N. U. Molla and U. Debnath, Int. J. Mod. Phys. A **36**, no.27, 2150210 (2021) doi:10.1142/S0217751X2150210

(23) X. J. Gao, J. M. Chen, H. Zhang, Y. Yin and Y. P. Hu, Phys. Lett. B **822**, 136683 (2021) doi:10.1016/j.physletb.2021.136683 [arXiv:2108.09409 [gr-qc]].

(24) N. Godani and G. C. Samanta, Int. J. Geom. Meth. Mod. Phys. **18**, no.12, 2150193 (2021) doi:10.1142/S0219887821501930

(25) G. Z. Babar, F. Atamurotov, A. Z. Babar and Y. K. Lim, [arXiv:2104.01340 [gr-qc]].

(26) N. Godani and G. C. Samanta, New Astron. **84**, 101534 (2021) doi:10.1016/j.newast.2020.101534

(27) A. Y. Yosifov, Adv. High Energy Phys. **2021**, 6628693 (2021) doi:10.1155/2021/6628693

(28) H. Liu and J. Jia, Eur. Phys. J. C **81**, no.10, 894 (2021) doi:10.1140/epjc/s10052-021-09659-8 [arXiv:2101.00785 [gr-qc]].

(29) R. K. Karimov, R. N. Izmailov, A. A. Potapov and K. K. Nandi, Eur. Phys. J. C **80**, no.12, 1138 (2020) doi:10.1140/epjc/s10052-020-08717-x [arXiv:2012.13564 [gr-qc]].

(30) W. H. Shao, C. Y. Chen and P. Chen, JCAP **03**, 041 (2021) doi:10.1088/1475-7516/2021/03/041 [arXiv:2011.07763 [gr-qc]].

(31) S. Paul, Phys. Rev. D **102**, no.6, 064045 (2020) doi:10.1103/PhysRevD.102.064045 [arXiv:2007.05509 [gr-qc]].

(32) A. Chowdhury and N. Banerjee, Phys. Rev. D **102**, no.12, 124051 (2020) doi:10.1103/PhysRevD.102.124051 [arXiv:2006.16522 [gr-qc]].

(33) M. A. Alawadi, D. Batic and M. Nowakowski, Class. Quant. Grav. **38**, no.4, 045003 (2021) doi:10.1088/1361-6382/abce6c [arXiv:2006.03376 [gr-qc]].

(34) Y. C. Ong, Int. J. Mod. Phys. A **35**, no.14, 14 (2020) doi:10.1142/S0217751X20300070 [arXiv:2005.07032 [gr-qc]].

(35) S. Sau, I. Banerjee and S. SenGupta, Phys. Rev. D **102**, no.6, 064027 (2020) doi:10.1103/PhysRevD.102.0640 [arXiv:2004.02840 [gr-qc]].

(36) X. H. Jin, Y. X. Gao and D. J. Liu, Int. J. Mod. Phys. D **29**, no.09, 2050065 (2020) doi:10.1142/S0218271820500650 [arXiv:2004.02261 [gr-qc]].

(37) I. Bogush and D. Gal'tsov, Phys. Rev. D **102**, no.12, 124006 (2020) doi:10.1103/PhysRevD.102.124006 [arXiv:2001.02936 [gr-qc]].

(38) V. I. Zhdanov and O. S. Stashko, Phys. Rev. D **101**, no.6, 064064 (2020) doi:10.1103/PhysRevD.101.064064 [arXiv:1912.00470 [gr-qc]].

(39) E. F. Boero and O. M. Moreschi, Mon. Not. Roy. Astron. Soc. **492**, no.3, 3763-3778 (2020) doi:10.1093/mnras/stz3615 [arXiv:1910.01984 [astro-ph.CO]].

(40) R. Shaikh and P. S. Joshi, JCAP **10**, 064 (2019) doi:10.1088/1475-7516/2019/10/064 [arXiv:1909.10322 [gr-qc]].

(41) G. Abbas, A. Mahmood and M. Zubair, Chin. Phys. C **44**, no.9, 095105 (2020) doi:10.1088/1674-1137/44/9/095105 [arXiv:1909.06433 [gr-qc]].

(42) Z. Li, G. He and T. Zhou, Phys. Rev. D **101**, no.4, 044001 (2020) doi:10.1103/PhysRevD.101.044001 [arXiv:1908.01647 [gr-qc]].

(43) M. Azreg-Aïnou, M. Jamil and K. Lin, Chin. Phys. C **44**, no.6, 065101 (2020) doi:10.1088/1674-1137/44/6/065101 [arXiv:1907.01394 [gr-qc]].

(44) X. Gao, S. Song and J. Yang, Phys. Lett. B **795**, 144-151 (2019) doi:10.1016/j.physletb.2019.06.028 [arXiv:1905.07968 [gr-qc]].

(45) F. Ahmed, Eur. Phys. J. C **79**, no.6, 493 (2019) doi:10.1140/epjc/s10052-019-7017-8 [arXiv:1904.04660 [physics.gen-ph]].

(46) R. Shaikh, P. Banerjee, S. Paul and T. Sarkar, Phys. Rev. D **99**, no.10, 104040 (2019) doi:10.1103/PhysRevD.99.104040 [arXiv:1903.08211 [gr-qc]].

(47) C. Y. Wang, Y. F. Shen and Y. Xie, JCAP **04**, 022 (2019) doi:10.1088/1475-7516/2019/04/022 [arXiv:1902.03789 [gr-qc]].

(48) B. Chauvineau, Phys. Rev. D **100**, no.2, 024051 (2019) doi:10.1103/PhysRevD.100.024051 [arXiv:1812.04934 [gr-qc]].

(49) M. Rizwan, M. Jamil and K. Jusufi, Phys. Rev. D **99**, no.2, 024050 (2019) doi:10.1103/PhysRevD.99.024050 [arXiv:1812.01331 [gr-qc]].

(50) R. Shaikh, P. Banerjee, S. Paul and T. Sarkar, Phys. Lett. B **789**, 270-275 (2019) [erratum: Phys. Lett. B **791**, 422-423 (2019)] doi:10.1016/j.physletb.2018.12.030 [arXiv:1811.08245 [gr-qc]].

(51) F. Ahmed, F. Rahaman and S. Sarkar, Eur. Phys. J. A **54**, no.12, 224 (2018) doi:10.1140/epja/i2018-12650-y [arXiv:1811.01707 [gr-qc]].

(52) B. Chauvineau, Phys. Rev. D **98**, no.8, 088501 (2018) doi:10.1103/PhysRevD.98.088501

(53) M. A. Makukov and E. G. Mychelkin, Phys. Rev. D **98**, no.6, 064050 (2018) doi:10.1103/PhysRevD.98.06405 [arXiv:1809.05290 [gr-qc]].

(54) K. Jusufi, A. Banerjee, G. Gyulchev and M. Amir, Eur. Phys. J. C **79**, no.1, 28 (2019) doi:10.1140/epjc/s10052-019-6557-2 [arXiv:1808.02751 [gr-qc]].

(55) P. Banerjee, S. Paul and T. Sarkar, [arXiv:1804.07030 [gr-qc]].

(56) S. Chen, L. Zhang and J. Jing, Eur. Phys. J. C **78**, no.11, 981 (2018) doi:10.1140/epjc/s10052-018-6466-9 [arXiv:1804.05004 [gr-qc]].

(57) H. Liu, M. Zhou and C. Bambi, JCAP **08**, 044 (2018) doi:10.1088/1475-7516/2018/08/044 [arXiv:1801.00867 [gr-qc]].

(58) L. Zhang, S. Chen and J. Jing, Int. J. Mod. Phys. D **27**, no.12, 1850110 (2018) doi:10.1142/S0218271818501109 [arXiv:1712.00160 [gr-qc]].

(59) G. Z. Babar, A. Z. Babar and Y. K. Lim, Phys. Rev. D **96**, no.8, 084052 (2017) doi:10.1103/PhysRevD.96.084052 [arXiv:1710.09581 [gr-qc]].

(60) T. Karmakar and T. Sarkar, Gen. Rel. Grav. **50**, no.7, 85 (2018) doi:10.1007/s10714-018-2408-y [arXiv:1709.08935 [gr-qc]].

(61) K. Bhattacharya, D. Dey, A. Mazumdar and T. Sarkar, Phys. Rev. D **101**, no.4, 043005 (2020) doi:10.1103/PhysRevD.101.043005 [arXiv:1709.03798 [gr-qc]].

(62) F. Ahmed, PTEP **2017**, no.8, 083E03 (2017) [erratum: PTEP **2017**, no.9, 099201 (2017)] doi:10.1093/ptep/ptx111

(63) R. Shaikh and S. Kar, Phys. Rev. D **96**, no.4, 044037 (2017) doi:10.1103/PhysRevD.96.044037 [arXiv:1705.11008 [gr-qc]].

(64) S. S. Zhao and Y. Xie, Eur. Phys. J. C **77**, no.5, 272 (2017) doi:10.1140/epjc/s10052-017-4850-5 [arXiv:1704.02434 [gr-qc]].

(65) R. Zhang, J. Jing and S. Chen, Phys. Rev. D **95**, no.6, 064054 (2017) doi:10.1103/PhysRevD.95.064054 [arXiv:1805.02330 [gr-qc]].

(66) R. Zhang and J. Jing, [arXiv:1703.08758 [gr-qc]].

(67) S. Chen, S. Wang, Y. Huang, J. Jing and S. Wang, Phys. Rev. D **95**, no.10, 104017 (2017) doi:10.1103/PhysRevD.95.104017 [arXiv:1611.08783 [gr-qc]].

(68) D. Sarma, F. Ahmed and M. Patgiri, Adv. High Energy Phys. **2016**, 2546186 (2016) doi:10.1155/2016/2546186 [arXiv:1611.05989 [gr-qc]].

(69) S. Wang, S. Chen and J. Jing, JCAP **11**, 020 (2016) doi:10.1088/1475-7516/2016/11/020 [arXiv:1609.00802 [gr-qc]].

(70) X. Lu, F. W. Yang and Y. Xie, Eur. Phys. J. C **76**, no.7, 357 (2016) doi:10.1140/epjc/s10052-016-4218-2 [arXiv:1606.02932 [gr-qc]].

(71) S. S. Zhao and Y. Xie, JCAP **07**, 007 (2016) doi:10.1088/1475-7516/2016/07/007 [arXiv:1603.00637 [gr-qc]].

(72) M. Sharif and S. Iftikhar, Astrophys. Space Sci. **361**, no.1, 36 (2016) doi:10.1007/s10509-015-2623-x

(73) J. Sultana and B. Bose, Phys. Rev. D **92**, no.10, 104022 (2015) doi:10.1103/PhysRevD.92.104022

(74) H. Ghaffarnejad and M. Amir Mojahedi, Res. Astron. Astrophys. **17**, no.6, 052 (2017) [erratum: Res. Astron. Astrophys. **18**, no.1, 012 (2018)] doi:10.1088/1674-4527/17/6/52 [arXiv:1507.07811 [physics.gen-ph]].

(75) J. L. Geng, Y. Zhang, E. K. Li and P. F. Duan, Astrophys. Space Sci. **357**, no.2, 122 (2015) doi:10.1007/s10509-015-2350-3

(76) G. Li, B. Cao, Z. Feng and X. Zu, Int. J. Theor. Phys. **54**, no.9, 3103-3114 (2015) [erratum: Int. J. Theor. Phys. **54**, no.10, 3864-3865 (2015)] doi:10.1007/s10773-015-2545-y [arXiv:1506.08410 [gr-qc]].

(77) S. Chen and J. Jing, JCAP **10**, 002 (2015) doi:10.1088/1475-7516/2015/10/002 [arXiv:1502.01088 [gr-qc]].

(78) G. Li, Y. Zhang, L. Zhang, Z. Feng and X. Zu, Int. J. Theor. Phys. **54**, no.4, 1245-1252 (2015) [erratum: Int. J. Theor. Phys. **54**, no.10, 3862-3863 (2015)] doi:10.1007/s10773-014-2321-4 [arXiv:1507.03942 [physics.gen-ph]].

(79) S. Zhou, R. Zhang, J. Chen and Y. Wang, Int. J. Theor. Phys. **54**, no.8, 2905-2920 (2015) doi:10.1007/s10773-015-2526-1 [arXiv:1408.6041 [gr-qc]].

(80) L. Ji, S. Chen and J. Jing, JHEP **03**, 089 (2014) doi:10.1007/JHEP03(2014)089 [arXiv:1312.4128 [gr-qc]].

(81) S. W. Wei and Y. X. Liu, JCAP **11**, 063 (2013) doi:10.1088/1475-7516/2013/11/063 [arXiv:1311.4251 [gr-qc]].

(82) S. Sahu, M. Patil, D. Narasimha and P. S. Joshi, Phys. Rev. D **88**, 103002 (2013) doi:10.1103/PhysRevD.88.103002 [arXiv:1310.5350 [gr-qc]].

(83) J. L. Hernandez-Pastora, L. Herrera and J. Ospino, Phys. Rev. D **88**, no.6, 064041 (2013) doi:10.1103/PhysRevD.88.064041 [arXiv:1309.2455 [gr-qc]].

(84) C. Liu, S. Chen and J. Jing, JHEP **08**, 097 (2012) doi:10.1007/JHEP08(2012)097 [arXiv:1208.1072 [gr-qc]].

(85) S. Sahu, M. Patil, D. Narasimha and P. S. Joshi, Phys. Rev. D **86**, 063010 (2012) doi:10.1103/PhysRevD.86.063010 [arXiv:1206.3077 [gr-qc]].

(86) S. Chen and J. Jing, Phys. Rev. D **85**, 124029 (2012) doi:10.1103/PhysRevD.85.124029 [arXiv:1204.2468 [gr-qc]].

(87) A. N. Chowdhury, M. Patil, D. Malafarina and P. S. Joshi, Phys. Rev. D **85**, 104031 (2012) doi:10.1103/PhysRevD.85.104031 [arXiv:1112.2522 [gr-qc]].

(88) S. W. Wei and Y. X. Liu, Phys. Rev. D **85**, 064044 (2012) doi:10.1103/PhysRevD.85.064044 [arXiv:1107.3023 [hep-th]].

(89) P. S. Joshi, D. Malafarina and R. Narayan, Class. Quant. Grav. **28**, 235018 (2011) doi:10.1088/0264-9381/28/23/235018 [arXiv:1106.5438 [gr-qc]].

(90) Duffy E., Naked Singularities in Self-Similar Gravitational Collapse: Stability Properties of the Cauchy Horizon, PhD thesis, School of Mathematical Sciences, Dublin City University (2011); doras.dcu.ie

(91) S. W. Wei, Y. X. Liu, C. E. Fu and K. Yang, JCAP **10**, 053 (2012) doi:10.1088/1475-7516/2012/10/053 [arXiv:1104.0776 [hep-th]].

(92) P. S. Joshi and D. Malafarina, Int. J. Mod. Phys. D **20**, 2641-2729 (2011) doi:10.1142/S0218271811020792 [arXiv:1201.3660 [gr-qc]].

(93) Z. Kovacs and T. Harko, Phys. Rev. D **82**, 124047 (2010) doi:10.1103/PhysRevD.82.124047 [arXiv:1011.4127 [gr-qc]].

(94) S. Chen and J. Jing, Class. Quant. Grav. **27**, 225006 (2010) doi:10.1088/0264-9381/27/22/225006 [arXiv:1005.1325 [gr-qc]].

(95) R. Takahashi and T. Harada, Class. Quant. Grav. **27**, 075003 (2010) doi:10.1088/0264-9381/27/7/075003 [arXiv:1002.0421 [astro-ph.HE]].

(96) K. Hioki and K. i. Maeda, Phys. Rev. D **80**, 024042 (2009) doi:10.1103/PhysRevD.80.024042 [arXiv:0904.3575 [astro-ph.HE]].

(97) K. S. Virbhadra, Phys. Rev. D **79**, 083004 (2009) doi:10.1103/PhysRevD.79.083004 [arXiv:0810.2109 [gr-qc]].

A.115. **S. S. Yazadjiev**, "5D Einstein-Maxwell solitons and concentric rotating dipole black rings," Phys. Rev. D **78**, 064032 (2008)

[arXiv:0805.1600 [hep-th]].

Забелязани независими цитати:

(1) M. Butler and M. Ghezelbash, Phys. Rev. D **109**, no.4, 044018 (2024) doi:10.1103/PhysRevD.109.044018 [arXiv:2310.04568 [gr-qc]].

(2) A. M. Ghezelbash, Eur. Phys. J. Plus **137**, no.2, 196 (2022) doi:10.1140/epjp/s13360-022-02395-2

(3) M. Ghezelbash, Class. Quant. Grav. **39**, no.7, 075012 (2022) doi:10.1088/1361-6382/ac504e [arXiv:2108.07210 [gr-qc]].

(4) M. Ghezelbash, Int. J. Mod. Phys. A **38**, no.15n16, 2350084 (2023) doi:10.1142/S0217751X23500847 [arXiv:2105.01594 [gr-qc]].

(5) M. Butler and A. M. Ghezelbash, Int. J. Mod. Phys. A **34**, no.12, 1950061 (2019) doi:10.1142/S0217751X19500611 [arXiv:1810.13051 [hep-th]].

(6) A. M. Ghezelbash and V. Kumar, Phys. Rev. D **95**, no.12, 124045 (2017) doi:10.1103/PhysRevD.95.124045 [arXiv:1704.01476 [gr-qc]].

(7) A. M. Ghezelbash, Phys. Rev. D **95**, no.6, 064030 (2017) doi:10.1103/PhysRevD.95.064030 [arXiv:1701.01489 [gr-qc]].

(8) A. M. Ghezelbash and V. Kumar, Int. J. Mod. Phys. A **32**, no.17, 1750098 (2017) doi:10.1142/S0217751X17500981 [arXiv:1606.07008 [gr-qc]].

(9) C. Knoll and P. Nedkova, Phys. Rev. D **93**, no.6, 064052 (2016) doi:10.1103/PhysRevD.93.064052 [arXiv:1512.01494 [gr-qc]].

(10) A. M. Ghezelbash, J. Phys. Conf. Ser. **631**, no.1, 012075 (2015) doi:10.1088/1742-6596/631/1/012075

(11) A. M. Ghezelbash, Phys. Rev. D **91**, no.8, 084003 (2015) doi:10.1103/PhysRevD.91.084003 [arXiv:1502.00951 [gr-qc]].

(12) A. M. Ghezelbash, Phys. Rev. D **90**, no.8, 084047 (2014) doi:10.1103/PhysRevD.90.084047 [arXiv:1409.3197 [hep-th]].

(13) S. Grunau, Phys. Rev. D **90**, no.6, 064022 (2014) doi:10.1103/PhysRevD.90.064022 [arXiv:1407.2009 [gr-qc]].

(14) A. Dimakis and F. Mueller-Hoissen, SIGMA **9**, 009 (2013) doi:10.3842/SIGMA.2013.009 [arXiv:1207.1308 [nlin.SI]].

(15) H. Iguchi, K. Izumi and T. Mishima, Prog. Theor. Phys. Suppl. **189**, 93-125 (2011) doi:10.1143/PTPS.189.93 [arXiv:1106.0387 [gr-qc]].

(16) A. Dimakis, N. Kanning and F. Muller-Hoissen, SIGMA **7**, 118 (2011) doi:10.3842/SIGMA.2011.118 [arXiv:1106.4122 [gr-qc]].

(17) P. T. Chrusciel and L. Nguyen, Gen. Rel. Grav. **43**, 1615-1624 (2011) doi:10.1007/s10714-011-1159-9 [arXiv:1007.4972 [gr-qc]].

(18) M. M. Caldarelli, R. Emparan and B. Van Pol, JHEP **04**, 013 (2011) doi:10.1007/JHEP04(2011)013 [arXiv:1012.4517 [hep-th]].

(19) S. Tomizawa, [arXiv:1009.3568 [hep-th]].

(20) S. Tomizawa, Phys. Rev. D **82**, 104047 (2010) doi:10.1103/PhysRevD.82.104047 [arXiv:1007.1183 [hep-th]].

(21) A. M. Ghezelbash, Phys. Rev. D **81**, 044027 (2010) doi:10.1103/PhysRevD.81.044027 [arXiv:1001.5066 [hep-th]].

(22) D. V. Gal'tsov and N. G. Scherbluk, Phys. Rev. D **81**, 044028 (2010) doi:10.1103/PhysRevD.81.044028 [arXiv:0912.2771 [hep-th]].

(23) S. Tomizawa, Y. Yasui and A. Ishibashi, Phys. Rev. D **81**, 084037 (2010) doi:10.1103/PhysRevD.81.084037 [arXiv:0911.4309 [hep-th]].

(24) J. Armas and T. Harmark, JHEP **05**, 093 (2010) doi:10.1007/JHEP05(2010)093 [arXiv:0911.4654 [hep-th]].

(25) I. Bena, S. Giusto, C. Ruef and N. P. Warner, JHEP **11**, 089 (2009) doi:10.1088/1126-6708/2009/11/089 [arXiv:0909.2559 [hep-th]].

(26) M. Kimura, Phys. Rev. D **80**, 044012 (2009) doi:10.1103/PhysRevD.80.044012 [arXiv:0904.4311 [gr-qc]].

(27) S. Tomizawa, Y. Yasui and A. Ishibashi, Phys. Rev. D **79**, 124023 (2009) doi:10.1103/PhysRevD.79.124023 [arXiv:0901.4724 [hep-th]].

(28) B. Chng, R. B. Mann, E. Radu and C. Stelea, JHEP **12**, 009 (2008) doi:10.1088/1126-6708/2008/12/009 [arXiv:0809.0154 [hep-th]].

A.116. **S. S. Yazadjiev**, "Magnetized static black Saturn," Phys. Rev. D **77**, 127501 (2008) [arXiv:0802.0784 [hep-th]].

Забелязани независими цитати:

(1) S. I. Vacaru, [arXiv:1801.06444 [physics.gen-ph]].

(2) B. Pourhassan and M. Faizal, Phys. Lett. B **755**, 444-451 (2016) doi:10.1016/j.physletb.2016.02.043 [arXiv:1605.00924 [gr-qc]].

(3) M. Faizal and B. Pourhassan, Phys. Lett. B **751**, 487-494 (2015) doi:10.1016/j.physletb.2015.10.077 [arXiv:1505.02373 [gr-qc]].

(4) S. Grunau, Phys. Rev. D **90**, no.6, 064022 (2014) doi:10.1103/PhysRevD.90.064022 [arXiv:1407.2009 [gr-qc]].

(5) B. Kleihaus, J. Kunz and E. Radu, Phys. Lett. B **723**, 182-189 (2013) doi:10.1016/j.physletb.2013.04.053 [arXiv:1303.2190 [gr-qc]].

(6) N. Barbosa-Cendejas, A. Herrera-Aguilar, K. Kanakoglou and J. E. Paschalis, Electron. J. Theor. Phys. **8**, S17-S30 (2011) [arXiv:1103.2433 [hep-th]].

(7) S. Tomizawa, [arXiv:1009.3568 [hep-th]].

(8) S. Tomizawa, Phys. Rev. D **82**, 104047 (2010) doi:10.1103/PhysRevD.82.104047 [arXiv:1007.1183 [hep-th]].

(9) S. Tomizawa, Y. Yasui and A. Ishibashi, Phys. Rev. D **81**, 084037 (2010) doi:10.1103/PhysRevD.81.084037 [arXiv:0911.4309 [hep-th]].

(10) Y. X. Chen and Y. Q. Wang, Nucl. Phys. B **829**, 161-175 (2010) doi:10.1016/j.nuclphysb.2009.12.008 [arXiv:0901.1939 [hep-th]].

(11) B. Chng, R. B. Mann, E. Radu and C. Stelea, JHEP **12**, 009 (2008) doi:10.1088/1126-6708/2008/12/009 [arXiv:0809.0154 [hep-th]].

(12) J. Evslin, JHEP **09**, 004 (2008) doi:10.1088/1126-6708/2008/09/004 [arXiv:0806.3389 [hep-th]].

(13) J. Evslin and C. Krishnan, JHEP **09**, 003 (2008) doi:10.1088/1126-6708/2008/09/003 [arXiv:0804.4575 [hep-th]].

(14) D. V. Gal'tsov and N. G. Scherbluk, PoS **BHGRS**, 016 (2008) doi:10.22323/1.075.0016 [arXiv:0912.2770 [hep-th]].

A.117. S. Hollands and **S. S. Yazadjiev**, "A Uniqueness theorem for 5-dimensional Einstein-Maxwell black holes," Class. Quant. Grav. **25**, 095010 (2008)

[arXiv:0711.1722 [gr-qc]].

Забелязани независими цитати:

(1) M. Rogatko, Phys. Rev. D **108**, no.6, 064026 (2023) doi:10.1103/PhysRevD.108.064026 [arXiv:2309.08350 [gr-qc]].

(2) D. Katona, doi:10.1007/s00023-024-01415-4 [arXiv:2306.09933 [hep-th]].

(3) D. Katona and J. Lucietti, Commun. Math. Phys. **399**, no.2, 1151-1201 (2023) doi:10.1007/s00220-022-04576-7 [arXiv:2206.11782 [hep-th]].

(4) V. Moncrief and N. Gudapati, [arXiv:2105.12632 [gr-qc]].

(5) V. Breunhölder, "Moduli space of supersymmetric black holes in five dimensions," PhD thesis, The University of Edinburgh (2019)

(6) A. Alaee, M. Khuri and H. Kunduri, Math. Res. Lett. **29**, no.5, 1279-1346 (2022) doi:10.4310/MRL.2022.v29.n5.a1 [arXiv:1904.12425 [gr-qc]].

(7) V. Breunhölder and J. Lucietti, Commun. Math. Phys. **365**, no.2, 471-513 (2019) doi:10.1007/s00220-018-3215-8 [arXiv:1712.07092 [hep-th]].

(8) Ł. Nakonieczny, A. Nakonieczna and M. Rogatko, JCAP **03**, 024 (2018) doi:10.1088/1475-7516/2018/03/024 [arXiv:1707.02802 [gr-qc]].

(9) M. Rogatko, [arXiv:1701.07643 [hep-th]].

(10) M. Rogatko, Phys. Rev. D **93**, no.6, 064003 (2016) doi:10.1103/PhysRevD.93.064003 [arXiv:1602.03270 [hep-th]].

(11) M. Rogatko, Phys. Rev. D **93**, no.4, 044008 (2016) doi:10.1103/PhysRevD.93.044008 [arXiv:1601.06577 [hep-th]].

(12) P. Chrusciel, The Geometry of Black Holes, Lectures, Erwin Schrodinger Institute and Faculty of Physics University of Vienna (2105);

(13) J. Armas, Class. Quant. Grav. **32**, no.4, 045001 (2015) doi:10.1088/0264-9381/32/4/045001 [arXiv:1408.4567 [hep-th]].

(14) C. KaKi Li, Extreme Black Holes and Near-Horizon Geometries, PhD thesis, University of Edinburgh (2015)

(15) H. K. Kunduri and J. Lucietti, JHEP **10**, 082 (2014) doi:10.1007/JHEP10(2014)082 [arXiv:1407.8002 [hep-th]].

(16) M. Rogatko, Phys. Rev. D **89**, no.12, 124022 (2014) doi:10.1103/PhysRevD.89.124022 [arXiv:1406.3914 [hep-th]].

(17) M. Rogatko, Phys. Rev. D **89**, no.4, 044020 (2014) doi:10.1103/PhysRevD.89.044020 [arXiv:1402.3376 [hep-th]].

(18) L. Nakonieczny and M. Rogatko, Phys. Rev. D **88**, no.8, 084039 (2013) doi:10.1103/PhysRevD.88.084039 [arXiv:1310.5929 [hep-th]].

(19) H. K. Kunduri and J. Lucietti, Class. Quant. Grav. **31**, no.3, 032001 (2014) doi:10.1088/0264-9381/31/3/032001 [arXiv:1310.4810 [hep-th]].

(20) J. Kunz, doi:10.1142/9789814623995_0027 [arXiv:1309.4049 [gr-qc]].

(21) M. Rogatko, Phys. Rev. D **88**, 024051 (2013) doi:10.1103/PhysRevD.88.024051 [arXiv:1307.8260 [hep-th]].

(22) B. Bakon and M. Rogatko, Phys. Rev. D **87**, no.8, 084065 (2013) doi:10.1103/PhysRevD.87.084065 [arXiv:1305.1401 [hep-th]].

(23) M. Rogatko, Phys. Rev. D **86**, 064005 (2012) doi:10.1103/PhysRevD.86.064005 [arXiv:1209.3478 [hep-th]].

(24) A. Nakonieczna and M. Rogatko, Gen. Rel. Grav. **44**, 3175-3195 (2012) doi:10.1007/s10714-012-1448-y [arXiv:1209.3614 [hep-th]].

(25) G. Conti, Thermodynamics of Blackfolds in String Theory, PhD thesis, Niels Bohr Institute, University of Copenhagen (2012);

(26) D. Kastor and J. Traschen, Phys. Rev. D **86**, 081501 (2012) doi:10.1103/PhysRevD.86.081501 [arXiv:1207.5415 [hep-th]].

(27) L. Nakonieczny and M. Rogatko, Phys. Rev. D **85**, 124050 (2012) doi:10.1103/PhysRevD.85.124050 [arXiv:1206.4405 [hep-th]].

(28) P. T. Chrusciel, J. Lopes Costa and M. Heusler, Living Rev. Rel. **15**, 7 (2012) doi:10.12942/lrr-2012-7 [arXiv:1205.6112 [gr-qc]].

(29) J. Armas, "(Electro)Elasticity from Gravity,", PhD thesis (2012), Niels Bohr Institute, Faculty of Science, University of Copenhagen.

(30) J. Armas, P. Caputa and T. Harmark, Phys. Rev. D **85**, 084019 (2012) doi:10.1103/PhysRevD.85.084019 [arXiv:1111.1163 [hep-th]].

(31) J. B. Gutowski, D. Klemm, W. A. Sabra and P. Sloane, JHEP **01**, 146 (2012) doi:10.1007/JHEP01(2012)146 [arXiv:1109.1566 [hep-th]].

(32) Z. Liu and Z. Chen, Int. J. Mod. Phys. A **26**, 2271-2277 (2011) doi:10.1142/S0217751X11053006 [arXiv:1101.3816 [hep-th]].

(33) Y. Morisawa, "Target space structure of 5-dimensional Einstein-Maxwell-Chern-Simons theory with non-SUGRA coupling," JGRG21 Proceedings (2011).

(34) J. Gutowski and W. A. Sabra, JHEP **05**, 020 (2011) doi:10.1007/JHEP05(2011)020 [arXiv:1012.2120 [hep-th]].

(35) K. Tanabe, S. Ohashi and T. Shiromizu, Phys. Rev. D **82**, 104042 (2010) doi:10.1103/PhysRevD.82.104042 [arXiv:1009.1486 [gr-qc]].

(36) Costa J., On black hole uniqueness theorems, PhD thesis, Magdalen College, University of Oxford (2010); http://homepage.univie.ac.at/piotr.chrusciel/papers/TeseFinal.pdf

(37) S. Tomizawa, Phys. Rev. D **82**, 104047 (2010) doi:10.1103/PhysRevD.82.104047 [arXiv:1007.1183 [hep-th]].

(38) R. Emparan, S. Ohashi and T. Shiromizu, Phys. Rev. D **82**, 084032 (2010) doi:10.1103/PhysRevD.82.084032 [arXiv:1007.3847 [hep-th]].

(39) P. T. Chrusciel, G. J. Galloway and D. Pollack, [arXiv:1004.1016 [gr-qc]].

(40) J. Gutowski and G. Papadopoulos, JHEP **10**, 084 (2010) doi:10.1007/JHEP10(2010)084 [arXiv:1003.2864 [hep-th]].

(41) A. M. Ghezelbash, Phys. Rev. D **81**, 044027 (2010) doi:10.1103/PhysRevD.81.044027 [arXiv:1001.5066 [hep-th]].

(42) C. Verhaaren, "Charged, Rotating Black Holes in Higher Dimensions," thesis, Brigham Young University (2010)

(43) P. Figueras, E. Jamsin, J. V. Rocha and A. Virmani, Class. Quant. Grav. **27**, 135011 (2010) doi:10.1088/0264-9381/27/13/135011 [arXiv:0912.3199 [hep-th]].

(44) J. Gutowski and G. Papadopoulos, JHEP **07**, 011 (2010) doi:10.1007/JHEP07(2010)011 [arXiv:0912.3472 [hep-th]].

(45) S. Tomizawa, Y. Yasui and A. Ishibashi, Phys. Rev. D **81**, 084037 (2010) doi:10.1103/PhysRevD.81.084037 [arXiv:0911.4309 [hep-th]].

(46) J. Armas and T. Harmark, JHEP **05**, 093 (2010) doi:10.1007/JHEP05(2010)093 [arXiv:0911.4654 [hep-th]].

(47) M. Rogatko, Phys. Rev. D **80**, 044035 (2009) doi:10.1103/PhysRevD.80.044035 [arXiv:0909.0323 [hep-th]].

(48) A. J. Amsel, G. T. Horowitz, D. Marolf and M. M. Roberts, Phys. Rev. D **81**, 024033 (2010) doi:10.1103/PhysRevD.81.024033 [arXiv:0906.2367 [gr-qc]].

(49) P. Figueras and J. Lucietti, Class. Quant. Grav. **27**, 095001 (2010) doi:10.1088/0264-9381/27/9/095001 [arXiv:0906.5565 [hep-th]].

(50) T. Harmark, Phys. Rev. D **80**, 024019 (2009) doi:10.1103/PhysRevD.80.024019 [arXiv:0904.4246 [hep-th]].

(51) M. Kimura, Phys. Rev. D **80**, 044012 (2009) doi:10.1103/PhysRevD.80.044012 [arXiv:0904.4311 [gr-qc]].

(52) A. M. Ghezelbash, Phys. Rev. D **79**, 064017 (2009) doi:10.1103/PhysRevD.79.064017 [arXiv:0904.4691 [hep-th]].

(53) S. Tomizawa, Y. Yasui and A. Ishibashi, Phys. Rev. D **79**, 124023 (2009) doi:10.1103/PhysRevD.79.124023 [arXiv:0901.4724 [hep-th]].

(54) A. M. Ghezelbash, Phys. Rev. D **78**, 126002 (2008) doi:10.1103/PhysRevD.78.126002 [arXiv:0811.2244 [hep-th]].

(55) B. Chng, R. B. Mann, E. Radu and C. Stelea, JHEP **12**, 009 (2008) doi:10.1088/1126-6708/2008/12/009 [arXiv:0809.0154 [hep-th]].

(56) Y. Chen and E. Teo, Phys. Rev. D **78**, 064062 (2008) doi:10.1103/PhysRevD.78.064062 [arXiv:0808.0587 [gr-qc]].

(57) P. T. Chrusciel and J. Lopes Costa, Asterisque **321**, 195-265 (2008) [arXiv:0806.0016 [gr-qc]].

(58) M. Rogatko, Phys. Rev. D **77**, 124037 (2008) doi:10.1103/PhysRevD.77.124037 [arXiv:0805.1982 [hep-th]].

(59) P. Figueras, H. K. Kunduri, J. Lucietti and M. Rangamani, Phys. Rev. D **78**, 044042 (2008) doi:10.1103/PhysRevD.78.044042 [arXiv:0803.2998 [hep-th]].

(60) K. Izumi, Prog. Theor. Phys. **119**, 757-774 (2008) doi:10.1143/PTP.119.757 [arXiv:0712.0902 [hep-th]].

(61) H. Kodama, Lect. Notes Phys. **769**, 427-470 (2009) doi:10.1007/978-3-540-88460-6_11 [arXiv:0712.2703 [hep-th]].

A.118. I. Z. Stefanov, **S. S. Yazadjiev** and M. D. Todorov, "Phases of 4D scalar-tensor black holes coupled to Born-Infeld nonlinear electrodynamics," Mod. Phys. Lett. A **23**, 2915 (2008) [arXiv:0708.4141 [gr-qc]].

Забелязани независими цитати:

(1) M. Dehghani, Eur. Phys. J. C **84**, no.5, 489 (2024) doi:10.1140/epjc/s10052-024-12827-1

(2) K. Taniguchi, S. Takagishi and R. Kase, [arXiv:2403.17484 [gr-qc]].

(3) M. Dehghani, Mod. Phys. Lett. A **39**, no.06, 2450009 (2024) doi:10.1142/S0217732324500093

(4) M. Dehghani, Eur. Phys. J. C **83**, no.11, 987 (2023) doi:10.1140/epjc/s10052-023-12155-w

(5) G. Guo, P. Wang, H. Wu and H. Yang, JHEP **10**, 076 (2023) doi:10.1007/JHEP10(2023)076 [arXiv:2307.12210 [gr-qc]].

(6) J. Jiang and J. Tan, Eur. Phys. J. C **83**, no.4, 290 (2023) doi:10.1140/epjc/s10052-023-11455-5

(7) H. J. Kuan,"Tidal Effects in Pre-merger Neutron Stars and Dynamics of Scalarized Compact Objects," PhD thesis, doi:10.15496/publikation-76851

(8) M. M. Khalil, "Analytical modeling of compact binaries in general relativity and modified gravity theories,", PhD thesis, Maryland U., doi:10.13016/nj5r-bfj5

(9) M. Dehghani, Eur. Phys. J. C **82**, no.4, 367 (2022) doi:10.1140/epjc/s10052-022-10251-x

(10) A. Marrani, O. Miskovic and P. Q. Leon, JHEP **07**, 100 (2022) doi:10.1007/JHEP07(2022)100 [arXiv:2203.14388 [hep-th]].

(11) N. Chatzifotis, P. Dorlis, N. E. Mavromatos and E. Papantonopoulos, Phys. Rev. D **105**, no.8, 084051 (2022) doi:10.1103/PhysRevD.105.084051 [arXiv:2202.03496 [gr-qc]].

(12) S. Kiorpelidi, G. Koutsoumbas, A. Machattou and E. Papantonopoulos, Phys. Rev. D **105**, no.10, 104039 (2022) doi:10.1103/PhysRevD.105.104039 [arXiv:2202.00655 [gr-qc]].

(13) N. Sennett, "Probing Fundamental Physics With Gravitational Waves From Inspiraling Binary Systems,", PhD thesis, Maryland U (2012), doi:10.13016/y0rz-gogy

(14) M. Minamitsuji and S. Tsujikawa, Phys. Lett. B **820**, 136509 (2021) doi:10.1016/j.physletb.2021.136509 [arXiv:2105.14661 [gr-qc]].

(15) G. Guo, P. Wang, H. Wu and H. Yang, Eur. Phys. J. C **81**, no.10, 864 (2021) doi:10.1140/epjc/s10052-021-09614-7 [arXiv:2102.04015 [gr-qc]].

(16) Z. F. Mai and R. Q. Yang, Phys. Rev. D **104**, no.4, 044008 (2021) doi:10.1103/PhysRevD.104.044008 [arXiv:2101.00026 [gr-qc]].

(17) P. Wang, H. Wu and H. Yang, Phys. Rev. D **103**, no.10, 104012 (2021) doi:10.1103/PhysRevD.103.104012 [arXiv:2012.01066 [gr-qc]].

(18) C. L. Hunter and D. J. Smith, Int. J. Mod. Phys. A **37**, no.09, 2250045 (2022) doi:10.1142/S0217751X225004 [arXiv:2010.10312 [gr-qc]].

(19) C. A. R. Herdeiro, T. Ikeda, M. Minamitsuji, T. Nakamura and E. Radu, Phys. Rev. D **103**, no.4, 044019 (2021) doi:10.1103/PhysRevD.103.044019 [arXiv:2009.06971 [gr-qc]].

(20) J. Luis Blázquez-Salcedo, C. A. R. Herdeiro, S. Kahlen, J. Kunz, A. M. Pombo and E. Radu, Eur. Phys. J. C **81**, no.2, 155 (2021) doi:10.1140/epjc/s10052-021-08952-w [arXiv:2008.11744 [gr-qc]].

(21) R. Kase, R. Kimura, S. Sato and S. Tsujikawa, Phys. Rev. D **102**, no.8, 084037 (2020) doi:10.1103/PhysRevD.102.084037 [arXiv:2007.09864 [gr-qc]].

(22) Y. Peng, Eur. Phys. J. C **80**, no.6, 575 (2020) doi:10.1140/epjc/s10052-020-8167-4

(23) P. G. S. Fernandes, Phys. Dark Univ. **30**, 100716 (2020) doi:10.1016/j.dark.2020.100716 [arXiv:2003.01045 [gr-qc]].

(24) R. Kase, M. Minamitsuji and S. Tsujikawa, Phys. Rev. D **102**, no.2, 024067 (2020) doi:10.1103/PhysRevD.102.024067 [arXiv:2001.10701 [gr-qc]].

(25) Y. Younesizadeh, A. A. Ahmad, A. H. Ahmed, F. Younesizadeh and M. Ebrahimkhas, Int. J. Mod. Phys. A **34**, no.35, 1950239 (2020) doi:10.1142/S0217751X19502397 [arXiv:2006.10710 [hep-th]].

(26) S. Yu and C. Gao, Mod. Phys. Lett. A **35**, no.31, 2050256 (2020) doi:10.1142/S0217732320502569 [arXiv:2001.01137 [gr-qc]].

(27) L. G. Collodel, B. Kleihaus, J. Kunz and E. Berti, Class. Quant. Grav. **37**, no.7, 075018 (2020) doi:10.1088/1361-6382/ab74f9 [arXiv:1912.05382 [gr-qc]].

(28) M. Dehghani, Eur. Phys. J. Plus **134**, no.10, 515 (2019) doi:10.1140/epjp/i2019-13046-8

(29) M. Dehghani, Phys. Rev. D **100**, no.8, 084019 (2019) doi:10.1103/PhysRevD.100.084019

(30) T. Ikeda, T. Nakamura and M. Minamitsuji, Phys. Rev. D **100**, no.10, 104014 (2019) doi:10.1103/PhysRevD.100.104014 [arXiv:1908.09394 [gr-qc]].

(31) M. Khalil, N. Sennett, J. Steinhoff and A. Buonanno, Phys. Rev. D **100**, no.12, 124013 (2019) doi:10.1103/PhysRevD.100.124013 [arXiv:1906.08161 [gr-qc]].

(32) D. Astefanesei, C. Herdeiro, A. Pombo and E. Radu, JHEP **10**, 078 (2019) doi:10.1007/JHEP10(2019)078 [arXiv:1905.08304 [hep-th]].

(33) M. Dehghani, Phys. Rev. D **99**, no.10, 104036 (2019) doi:10.1103/PhysRevD.99.104036

(34) M. Minamitsuji and T. Ikeda, Phys. Rev. D **99**, no.10, 104069 (2019) doi:10.1103/PhysRevD.99.104069 [arXiv:1904.06572 [gr-qc]].

(35) Y. S. Myung and D. C. Zou, Int. J. Mod. Phys. D **28**, no.09, 1950114 (2019) doi:10.1142/S0218271819501141 [arXiv:1903.08312 [gr-qc]].

(36) H. O. Silva, C. F. B. Macedo, T. P. Sotiriou, L. Gualtieri, J. Sakstein and E. Berti, Phys. Rev. D **99**, no.6, 064011 (2019) doi:10.1103/PhysRevD.99.064011 [arXiv:1812.05590 [gr-qc]].

(37) M. Minamitsuji and T. Ikeda, Phys. Rev. D **99**, no.4, 044017 (2019) doi:10.1103/PhysRevD.99.044017 [arXiv:1812.03551 [gr-qc]].

(38) X. Y. Wang, M. Zhang and W. B. Liu, Eur. Phys. J. C **78**, no.11, 955 (2018) doi:10.1140/epjc/s10052-018-6434-4

(39) Y. Brihaye, C. Herdeiro and E. Radu, Phys. Lett. B **788**, 295-301 (2019) doi:10.1016/j.physletb.2018.11.022 [arXiv:1810.09560 [gr-qc]].

(40) Y. S. Myung and D. C. Zou, Eur. Phys. J. C **79**, no.3, 273 (2019) doi:10.1140/epjc/s10052-019-6792-6 [arXiv:1808.02609 [gr-qc]].

(41) J. Pakravan and M. V. Takook, Astrophys. Space Sci. **363**, no.9, 181 (2018) doi:10.1007/s10509-018-3404-0

(42) C. A. R. Herdeiro, E. Radu, N. Sanchis-Gual and J. A. Font, Phys. Rev. Lett. **121**, no.10, 101102 (2018) doi:10.1103/PhysRevLett.121.101102 [arXiv:1806.05190 [gr-qc]].

(43) M. Dehghani, Phys. Rev. D **97**, no.4, 044030 (2018) doi:10.1103/PhysRevD.97.044030

(44) M. Dehghani and S. F. Hamidi, Phys. Rev. D **96**, no.10, 104017 (2017) doi:10.1103/PhysRevD.96.104017

(45) H. O. d. Silva, "Compact Objects in Relativistic Theories of Gravity," PhD thesis, University of Mississippi (2017), AAT-10279481.

(46) A. Sheykhi, F. Naeimipour and S. M. Zebarjad, Gen. Rel. Grav. **48**, no.7, 96 (2016) doi:10.1007/s10714-016-2086-6

(47) I. G. Salako, M. J. S. Houndjo and A. Jawad, Int. J. Mod. Phys. D **25**, no.07, 1650076 (2016) doi:10.1142/S0218271816500760 [arXiv:1605.07611 [gr-qc]].

(48) M. Kord Zangeneh, M. H. Dehghani and A. Sheykhi, Phys. Rev. D **92**, no.10, 104035 (2015) doi:10.1103/PhysRevD.92.104035 [arXiv:1509.05990 [gr-qc]].

(49) E. Berti, E. Barausse, V. Cardoso, L. Gualtieri, P. Pani, U. Sperhake, L. C. Stein, N. Wex, K. Yagi and T. Baker, *et al.* Class. Quant. Grav. **32**, 243001 (2015) doi:10.1088/0264-9381/32/24/243001 [arXiv:1501.07274 [gr-qc]].

(50) C. F. B. Macedo, "Compact Objects in General Relativity and Beyond," PhD thesis (2015), UNIVERSIDADE FEDERAL DO PARA

(51) G. Pappas and T. P. Sotiriou, Phys. Rev. D **91**, no.4, 044011 (2015) doi:10.1103/PhysRevD.91.044011 [arXiv:1412.3494 [gr-qc]].

(52) H. O. Silva, C. F. B. Macedo, E. Berti and L. C. B. Crispino, Class. Quant. Grav. **32**, 145008 (2015) doi:10.1088/0264-9381/32/14/145008 [arXiv:1411.6286 [gr-qc]].

(53) S. H. Mazharimousavi and M. Halilsoy, Mod. Phys. Lett. A **30**, no.33, 1550177 (2015) doi:10.1142/S0217732315501771 [arXiv:1405.2956 [gr-qc]].

(54) E. Berti, V. Cardoso, L. Gualtieri, M. Horbatsch and U. Sperhake, Phys. Rev. D **87**, no.12, 124020 (2013) doi:10.1103/PhysRevD.87.124020 [arXiv:1304.2836 [gr-qc]].

(55) M. W. Horbatsch, "Neutron stars and black holes in scalar-tensor gravity," PhD thesis (2012), McMaster University

(56) P. Pani, "Applications of perturbation theory in black hole physics," PhD thesis (2011), UNIVERSIT A DEGLI STUDI DI CAGLIARIA

(57) M. Cadoni, G. D'Appollonio and P. Pani, JHEP **03**, 100 (2010) doi:10.1007/JHEP03(2010)100 [arXiv:0912.3520 [hep-th]].

(58) M. Hassaine and C. Martinez, Class. Quant. Grav. **25**, 195023 (2008) doi:10.1088/0264-9381/25/19/195023 [arXiv:0803.2946 [hep-th]].

(59) A. Sheykhi, Int. J. Mod. Phys. D **18**, 25-42 (2009) doi:10.1142/S021827180901425X [arXiv:0801.4112 [hep-th]].

(60) A. Sheykhi, Phys. Lett. B **662**, 7-13 (2008) doi:10.1016/j.physletb.2008.02.017 [arXiv:0710.3827 [hep-th]].

A.119. I. Z. Stefanov, **S. S. Yazadjiev** and M. D. Todorov, "Scalar-tensor black holes coupled to Euler-Heisenberg nonlinear electrodynamics," Mod. Phys. Lett. A **22**, 1217 (2007)

[arXiv:0708.3203 [gr-qc]].

Забелязани независими цитати:

(1) K. Taniguchi, S. Takagishi and R. Kase, [arXiv:2403.17484 [gr-qc]].

(2) R. H. Ali, G. Abbas and G. Mustafa, Phys. Dark Univ. **44**, 101465 (2024) doi:10.1016/j.dark.2024.101465

(3) M. Dehghani, Mod. Phys. Lett. A **39**, no.06, 2450009 (2024) doi:10.1142/S0217732324500093

(4) G. Gutierrez-Cano and G. Niz, [arXiv:2402.06867 [gr-qc]].

(5) M. Dehghani, PTEP **2023**, no.11, 113E02 (2023) doi:10.1093/ptep/ptad128

(6) D. P. Theodosopoulos, T. Karakasis, G. Koutsoumbas and E. Papantonopoulos, [arXiv:2311.02740 [gr-qc]].

(7) M. Dehghani, Eur. Phys. J. C **83**, no.11, 987 (2023) doi:10.1140/epjc/s10052-023-12155-w

(8) H. Rehman, G. Abbas, T. Zhu and G. Mustafa, Eur. Phys. J. C **83**, no.9, 856 (2023) doi:10.1140/epjc/s10052-023-12033-5 [arXiv:2307.16155 [gr-qc]].

(9) T. Karakasis, G. Koutsoumbas and E. Papantonopoulos, [arXiv:2303.04196 [gr-qc]].

(10) Q. Yu, Q. Xu and J. Tao, Commun. Theor. Phys. **75**, no.9, 095402 (2023) doi:10.1088/1572-9494/ace4b3 [arXiv:2302.09821 [gr-qc]].

(11) R. H. Ali and G. Abbas, Chin. Phys. C **47**, no.11, 115106 (2023) doi:10.1088/1674-1137/acf2fc

(12) T. Karakasis, G. Koutsoumbas, A. Machattou and E. Papantonopoulos, Phys. Rev. D **106**, no.10, 104006 (2022) doi:10.1103/PhysRevD.106.104006 [arXiv:2207.13146 [gr-qc]].

(13) M. Dehghani, Eur. Phys. J. C **82**, no.4, 367 (2022) doi:10.1140/epjc/s10052-022-10251-x

(14) G. G. L. Nashed and S. Nojiri, Phys. Rev. D **104**, no.4, 044043 (2021) doi:10.1103/PhysRevD.104.044043 [arXiv:2107.13550 [gr-qc]].

(15) M. Dehghani, Eur. Phys. J. C **80**, no.10, 996 (2020) doi:10.1140/epjc/s10052-020-08564-w

(16) A. Allahyari, M. Khodadi, S. Vagnozzi and D. F. Mota, JCAP **02**, 003 (2020) doi:10.1088/1475-7516/2020/02/003 [arXiv:1912.08231 [gr-qc]].

(17) M. Dehghani, Eur. Phys. J. Plus **134**, no.10, 515 (2019) doi:10.1140/epjp/i2019-13046-8

(18) M. Dehghani, Phys. Rev. D **100**, no.8, 084019 (2019) doi:10.1103/PhysRevD.100.084019

(19) M. Dehghani, Phys. Rev. D **99**, no.10, 104036 (2019) doi:10.1103/PhysRevD.99.104036

(20) X. Y. Wang, M. Zhang and W. B. Liu, Eur. Phys. J. C **78**, no.11, 955 (2018) doi:10.1140/epjc/s10052-018-6434-4

(21) J. Pakravan and M. V. Takook, Astrophys. Space Sci. **363**, no.9, 181 (2018) doi:10.1007/s10509-018-3404-0

(22) M. Dehghani, Phys. Rev. D **97**, no.4, 044030 (2018) doi:10.1103/PhysRevD.97.044030

(23) M. Dehghani and S. F. Hamidi, Phys. Rev. D **96**, no.10, 104017 (2017) doi:10.1103/PhysRevD.96.104017

(24) S. H. Hendi, B. E. Panah and S. Panahiyan, Fortsch. Phys. **66**, no.3, 1800005 (2018) doi:10.1002/prop.201800005 [arXiv:1708.02239 [hep-th]].

(25) S. H. Hendi, B. Eslam Panah, S. Panahiyan and A. Sheykhi, Phys. Lett. B **767**, 214-225 (2017) doi:10.1016/j.physletb.2017.01.066 [arXiv:1703.03403 [gr-qc]].

(26) C. Bejarano, G. J. Olmo and D. Rubiera-Garcia, Phys. Rev. D **95**, no.6, 064043 (2017) doi:10.1103/PhysRevD.95.064043 [arXiv:1702.01292 [hep-th]].

(27) S. H. Hendi, B. Eslam Panah, S. Panahiyan and M. S. Talezadeh, Eur. Phys. J. C **77**, no.2, 133 (2017) doi:10.1140/epjc/s10052-017-4693-0 [arXiv:1612.00721 [hep-th]].

(28) S. H. Hendi, B. Eslam Panah, S. Panahiyan and M. Momennia, Adv. High Energy Phys. **2016**, 9813582 (2016) doi:10.1155/2016/9813582 [arXiv:1607.03383 [gr-qc]].

(29) I. G. Salako, M. J. S. Houndjo and A. Jawad, Int. J. Mod. Phys. D **25**, no.07, 1650076 (2016) doi:10.1142/S0218271816500760 [arXiv:1605.07611 [gr-qc]].

(30) M. Kord Zangeneh, M. H. Dehghani and A. Sheykhi, Phys. Rev. D **92**, no.10, 104035 (2015) doi:10.1103/PhysRevD.92.104035 [arXiv:1509.05990 [gr-qc]].

(31) S. H. Hendi, Int. J. Mod. Phys. D **24**, no.06, 1550040 (2015) doi:10.1142/S0218271815500406

(32) S. H. Hendi, B. Eslam Panah and R. Saffari, Int. J. Mod. Phys. D **23**, no.11, 1450088 (2014) doi:10.1142/S0218271814500886 [arXiv:1408.5570 [hep-th]].

(33) A. Sheykhi, Adv. High Energy Phys. **2014**, 615041 (2014) doi:10.1155/2014/615041

(34) E. Berti, V. Cardoso, L. Gualtieri, M. Horbatsch and U. Sperhake, Phys. Rev. D **87**, no.12, 124020 (2013) doi:10.1103/PhysRevD.87.124020 [arXiv:1304.2836 [gr-qc]].

(35) S. H. Hendi, Eur. Phys. J. C **71**, 1551 (2011) doi:10.1140/epjc/s10052-011-1551-3 [arXiv:1007.2704 [gr-qc]].

(36) S. He and Y. Wan, Nucl. Phys. B **804**, 286-306 (2008) doi:10.1016/j.nuclphysb.2008.06.021 [arXiv:0805.0453 [hep-th]].

(37) M. Hassaine and C. Martinez, Class. Quant. Grav. **25**, 195023 (2008) doi:10.1088/0264-9381/25/19/195023 [arXiv:0803.2946 [hep-th]].

(38) A. Sheykhi, Int. J. Mod. Phys. D **18**, 25-42 (2009) doi:10.1142/S021827180901425X [arXiv:0801.4112 [hep-th]].

A.120. S. Hollands and **S. S. Yazadjiev**, "Uniqueness theorem for 5-dimensional black holes with two axial Killing fields," Commun. Math. Phys. **283**, 749 (2008)

[arXiv:0707.2775 [gr-qc]].

Забелязани независими цитати:

(1) M. Tavayef, S. Abdolrahimi, I. Booth and H. Kunduri, [arXiv:2404.06450 [gr-qc]].

(2) R. Suzuki and S. Tomizawa, [arXiv:2403.17796 [hep-th]].

(3) S. Tomizawa and R. Suzuki, [arXiv:2403.16723 [hep-th]].

(4) R. Suzuki and S. Tomizawa, [arXiv:2311.11653 [hep-th]].

(5) S. Ovchinnikov,"Classification of supersymmetric black holes in AdS_5," PhD thesis, The University of Edinburgh, doi:10.7488/era/3848

(6) D. A. Farotti, "Supergravity, supersymmetry and black holes," PhD thesis (2023), University of Surrey, doi:10.15126/thesis.900801

(7) M. Rogatko, Phys. Rev. D **108**, no.6, 064026 (2023) doi:10.1103/PhysRevD.108.064026 [arXiv:2309.08350 [gr-qc]].

(8) D. Katona, doi:10.1007/s00023-024-01415-4 [arXiv:2306.09933 [hep-th]].

(9) G. Nilsson,"Topology of Toric Gravitational Instantons," [arXiv:2301.10212 [math.DG]].

(10) M. A. Khuri and J. F. Rainone, Phys. Rev. Lett. **131**, no.4, 041402 (2023) doi:10.1103/PhysRevLett.131.041 [arXiv:2212.06762 [gr-qc]].

(11) S. Tomizawa and R. Suzuki, Phys. Rev. D **106**, no.12, 124029 (2022) doi:10.1103/PhysRevD.106.124029 [arXiv:2209.11640 [hep-th]].

(12) J. Rainone, "Black Holes, Manifolds, and Cohomogeneity-2 Torus Symmetry," PhD thesis, Stony Brook University (2022)

(13) D. Katona and J. Lucietti, Commun. Math. Phys. **399**, no.2, 1151-1201 (2023) doi:10.1007/s00220-022-04576-7 [arXiv:2206.11782 [hep-th]].

(14) S. Collingbourne, "The Gregory–Laflamme Instability and Conservation Laws for Linearised Gravity," PhD thesis (2022), University of Cambridge, doi:10.17863/CAM.85095

(15) A. Alaee and H. K. Kunduri, J. Geom. Anal. **33**, no.7, 231 (2023) doi:10.1007/s12220-023-01280-3 [arXiv:2205.09737 [gr-qc]].

(16) F. Tomlinson, "Constructing and classifying five-dimensional black holes using integrability," PhD thesis, Edinburgh U. (2022), doi:10.7488/era/1993

(17) F. Tomlinson, Class. Quant. Grav. **39**, no.13, 135008 (2022) doi:10.1088/1361-6382/ac5814 [arXiv:2111.14809 [gr-qc]].

(18) H. K. Kunduri and J. Lucietti, Lett. Math. Phys. **111**, no.5, 133 (2021) doi:10.1007/s11005-021-01475-1 [arXiv:2107.02540 [math.DG]].

(19) S. Tomizawa, Phys. Rev. D **104**, no.8, 084022 (2021) doi:10.1103/PhysRevD.104.084022 [arXiv:2106.06962 [hep-th]].

(20) D. Farotti and J. Gutowski, JHEP **07**, 155 (2021) doi:10.1007/JHEP07(2021)155 [arXiv:2104.05478 [hep-th]].

(21) T. Igata and S. Tomizawa, Phys. Rev. D **103**, no.8, 084011 (2021) doi:10.1103/PhysRevD.103.084011 [arXiv:2102.00800 [gr-qc]].

(22) T. J. Baird and H. K. Kunduri, J. Geom. Phys. **168**, 104310 (2021) doi:10.1016/j.geomphys.2021.104310 [arXiv:2012.12979 [math.DG]].

(23) J. Lucietti and F. Tomlinson, JHEP **21**, 005 (2020) doi:10.1007/JHEP02(2021)005 [arXiv:2012.00381 [gr-qc]].

(24) S. Tomizawa and T. Igata, Phys. Rev. D **102**, 124079 (2020) doi:10.1103/PhysRevD.102.124079 [arXiv:2011.11002 [hep-th]].

(25) J. Lucietti and F. Tomlinson, Adv. Theor. Math. Phys. **26**, no.2, 371 (2022) doi:10.4310/ATMP.2022.v26.n2 [arXiv:2008.12761 [gr-qc]].

(26) T. Igata and S. Tomizawa, Phys. Rev. D **102**, no.8, 084003 (2020) doi:10.1103/PhysRevD.102.084003 [arXiv:2008.00179 [hep-th]].

(27) S. C. Collingbourne, J. Math. Phys. **62**, no.3, 032502 (2021) doi:10.1063/5.0043059 [arXiv:2007.08441 [gr-qc]].

(28) S. Gunasekaran, "Initial Value Problems in General Relativity," PhD thesis, Department of Mathematics and Statistics, Memorial University of Newfoundland (2020)

(29) S. Andrews, R. A. Hennigar and H. K. Kunduri, Class. Quant. Grav. **37**, no.20, 204002 (2020) doi:10.1088/1361-6382/ab8143 [arXiv:1912.07637 [hep-th]].

(30) V. Breunhölder, "Moduli space of supersymmetric black holes in five dimensions," PhD thesis (2019), The University of Edinburgh

(31) S. Tomizawa and T. Igata, Phys. Rev. D **100**, no.12, 124031 (2019) doi:10.1103/PhysRevD.100.124031 [arXiv:1908.09749 [hep-th]].

(32) A. Alaee and S. T. Yau, Commun. Anal. Geom. **30**, no.7, 1443-1478 (2022) doi:10.4310/CAG.2022.v30.n7.a1 [arXiv:1906.08796 [math.DG]].

(33) F. Majoor,"Black holes in higher dimensions: exploring the possibilities of five dimensional general relativity," Utrecht University (2020)

(34) S. Tomizawa, Phys. Rev. D **100**, no.2, 024056 (2019) doi:10.1103/PhysRevD.100.024056 [arXiv:1905.07748 [hep-th]].

(35) A. Alaee, M. Khuri and H. Kunduri, Math. Res. Lett. **29**, no.5, 1279-1346 (2022) doi:10.4310/MRL.2022.v29.n5.a1 [arXiv:1904.12425 [gr-qc]].

(36) S. Tomizawa and T. Mishima, Phys. Rev. D **99**, no.10, 104053 (2019) doi:10.1103/PhysRevD.99.104053 [arXiv:1902.10544 [hep-th]].

(37) A. Alaee, M. Khuri and H. Kunduri, J. Geom. Phys. **144**, 370-387 (2019) doi:10.1016/j.geomphys.2019.06.01 [arXiv:1812.08285 [hep-th]].

(38) H. K. Kunduri and J. Lucietti, Class. Quant. Grav. **36**, no.7, 07LT02 (2019) doi:10.1088/1361-6382/ab0982 [arXiv:1810.13210 [hep-th]].

(39) J. Lucietti, Class. Quant. Grav. **35**, no.21, 21LT01 (2018) doi:10.1088/1361-6382/aae351 [arXiv:1808.02727 [hep-th]].

(40) M. Khuri, Y. Matsumoto, G. Weinstein and S. Yamada, Trans. Am. Math. Soc. **372**, no.5, 3237-3256 (2019) doi:10.1090/tran/7812 [arXiv:1807.03452 [gr-qc]].

(41) S. Tomizawa, Phys. Rev. D **98**, no.2, 024012 (2018) doi:10.1103/PhysRevD.98.024012 [arXiv:1803.11470 [hep-th]].

(42) J. Armas, T. Harmark and N. A. Obers, JHEP **03**, 099 (2018) doi:10.1007/JHEP03(2018)099 [arXiv:1712.09364 [hep-th]].

(43) V. Breunhölder and J. Lucietti, Commun. Math. Phys. **365**, no.2, 471-513 (2019) doi:10.1007/s00220-018-3215-8 [arXiv:1712.07092 [hep-th]].

(44) S. Tomizawa, Phys. Rev. D **97**, no.4, 044001 (2018) doi:10.1103/PhysRevD.97.044001 [arXiv:1712.05132 [hep-th]].

(45) A. Alaee, M. Khuri and H. Kunduri, Annales Henri Poincare **20**, no.2, 481-525 (2019) doi:10.1007/s00023-018-0749-4 [arXiv:1712.01764 [hep-th]].

(46) M. Khuri, G. Weinstein and S. Yamada, Diff. Eq. **43**, 1205-1241 (2018) [arXiv:1711.05229 [gr-qc]].

(47) U. Hussain, "The stage joins the show: Aspects of perturbed spacetimes," PhD thesis, Memorial University, Newfoundland and Labrador, Canada (2017)

(48) Ł. Nakonieczny, A. Nakonieczna and M. Rogatko, JCAP **03**, 024 (2018) doi:10.1088/1475-7516/2018/03/024 [arXiv:1707.02802 [gr-qc]].

(49) A. Alaee, M. Khuri and H. Kunduri, Phys. Rev. Lett. **119**, no.7, 071101 (2017) doi:10.1103/PhysRevLett.119 [arXiv:1705.08799 [hep-th]].

(50) B. Chakrabarty, "Studies on non-supersymmetric D1-D5-P gravitational bound states," PhD thesis, Institute of Physics, Bhubaneswar (2017)

(51) G. T. Horowitz, H. K. Kunduri and J. Lucietti, JHEP **06**, 048 (2017) doi:10.1007/JHEP06(2017)048 [arXiv:1704.04071 [hep-th]].

(52) M. Rogatko, [arXiv:1701.07643 [hep-th]].

(53) S. Tomizawa and T. Okuda, Phys. Rev. D **95**, no.6, 064021 (2017) doi:10.1103/PhysRevD.95.064021 [arXiv:1701.06402 [hep-th]].

(54) S. Gunasekaran, U. Hussain and H. K. Kunduri, Phys. Rev. D **94**, no.12, 124029 (2016) doi:10.1103/PhysRevD.94.124029 [arXiv:1609.08500 [hep-th]].

(55) K. K. Li and C. Li, "Extreme Black Holes and Near-Horizon Geometries,"

(56) S. Tomizawa and M. Nozawa, Phys. Rev. D **94**, no.4, 044037 (2016) doi:10.1103/PhysRevD.94.044037 [arXiv:1606.06643 [hep-th]].

(57) Y. Chen, C. Ng and E. Teo, Phys. Rev. D **94**, no.4, 044001 (2016) doi:10.1103/PhysRevD.94.044001 [arXiv:1606.02415 [gr-qc]].

(58) H. K. Kunduri and J. Lucietti, Phys. Rev. D **94**, no.6, 064007 (2016) doi:10.1103/PhysRevD.94.064007 [arXiv:1605.01545 [hep-th]].

(59) B. Chakrabarty, J. V. Rocha and A. Virmani, JHEP **08**, 027 (2016) doi:10.1007/JHEP08(2016)027 [arXiv:1603.06799 [hep-th]].

(60) M. Rogatko, Phys. Rev. D **93**, no.6, 064003 (2016) doi:10.1103/PhysRevD.93.064003 [arXiv:1602.03270 [hep-th]].

(61) M. Rogatko, Phys. Rev. D **93**, no.4, 044008 (2016) doi:10.1103/PhysRevD.93.044008 [arXiv:1601.06577 [hep-th]].

(62) C. Knoll and P. Nedkova, Phys. Rev. D **93**, no.6, 064052 (2016) doi:10.1103/PhysRevD.93.064052 [arXiv:1512.01494 [gr-qc]].

(63) Y. Chen, Phys. Rev. D **93**, no.4, 044021 (2016) doi:10.1103/PhysRevD.93.044021 [arXiv:1512.00032 [gr-qc]].

(64) A. Alaee, M. Khuri and H. Kunduri, Adv. Theor. Math. Phys. **20**, 1397-1441 (2016) doi:10.4310/ATMP.2016.v20.n6.a4 [arXiv:1510.06974 [gr-qc]].

(65) Ó. J. C. Dias, J. E. Santos and B. Way, Class. Quant. Grav. **33**, no.13, 133001 (2016) doi:10.1088/0264-9381/33/13/133001 [arXiv:1510.02804 [hep-th]].

(66) C. Li and J. Lucietti, Class. Quant. Grav. **33**, no.7, 075015 (2016) doi:10.1088/0264-9381/33/7/075015 [arXiv:1509.03469 [gr-qc]].

(67) A. Alaee and H. K. Kunduri, J. Math. Phys. **57**, no.3, 032502 (2016) doi:10.1063/1.4944426 [arXiv:1508.02337 [gr-qc]].

(68) A. Alaee and H. K. Kunduri, Class. Quant. Grav. **32**, no.16, 165020 (2015) doi:10.1088/0264-9381/32/16/165020 [arXiv:1503.03370 [gr-qc]].

(69) G. Bernardi de Freitas, M. Godazgar and H. S. Reall, Commun. Math. Phys. **340**, 291-323 (2015) doi:10.1007/s00220-015-2447-0 [arXiv:1501.02837 [gr-qc]].

(70) A. Alaee, Geometric Inequalities for Initial Data with Symmetries, PhD thesis, Department of Mathematics and Statistics, Memorial University (Canada) (2015).

(71) S. Abdolrahimi, J. Kunz and P. Nedkova, Phys. Rev. D **91**, no.6, 064068 (2015) doi:10.1103/PhysRevD.91.06 [arXiv:1412.5416 [gr-qc]].

(72) A. Alaee and H. K. Kunduri, Phys. Rev. D **90**, no.12, 124078 (2014) doi:10.1103/PhysRevD.90.124078 [arXiv:1411.0609 [gr-qc]].

(73) D. Katsimpouri, A. Kleinschmidt and A. Virmani, JHEP **12**, 070 (2014) doi:10.1007/JHEP12(2014)070 [arXiv:1409.6471 [hep-th]].

(74) H. K. Kunduri and J. Lucietti, Phys. Rev. Lett. **113**, no.21, 211101 (2014) doi:10.1103/PhysRevLett.113.211 [arXiv:1408.6083 [hep-th]].

(75) B. Chakrabarty and A. Virmani, JHEP **11**, 068 (2014) doi:10.1007/JHEP11(2014)068 [arXiv:1408.0875 [hep-th]].

(76) H. K. Kunduri and J. Lucietti, JHEP **10**, 082 (2014) doi:10.1007/JHEP10(2014)082 [arXiv:1407.8002 [hep-th]].

(77) M. Rogatko, Phys. Rev. D **89**, no.12, 124022 (2014) doi:10.1103/PhysRevD.89.124022 [arXiv:1406.3914 [hep-th]].

(78) M. Rogatko, Phys. Rev. D **89**, no.4, 044020 (2014) doi:10.1103/PhysRevD.89.044020 [arXiv:1402.3376 [hep-th]].

(79) H. S. Reall, Fundam. Theor. Phys. **177**, 245-260 (2014) doi:10.1007/978-3-319-06349-2_12

(80) D. Katsimpouri, A. Kleinschmidt and A. Virmani, JHEP **03**, 101 (2014) doi:10.1007/JHEP03(2014)101 [arXiv:1311.7018 [hep-th]].

(81) L. Nakonieczny and M. Rogatko, Phys. Rev. D **88**, no.8, 084039 (2013) doi:10.1103/PhysRevD.88.084039 [arXiv:1310.5929 [hep-th]].

(82) H. K. Kunduri and J. Lucietti, Class. Quant. Grav. **31**, no.3, 032001 (2014) doi:10.1088/0264-9381/31/3/032001 [arXiv:1310.4810 [hep-th]].

(83) J. Kunz, doi:10.1142/9789814623995_0027 [arXiv:1309.4049 [gr-qc]].

(84) A. Adam,"Numerical general relativity in exotic settings," PhD thesis, Imperial Coll., London (2013), doi:10.25560/24825

(85) M. Rogatko, Phys. Rev. D **88**, 024051 (2013) doi:10.1103/PhysRevD.88.024051 [arXiv:1307.8260 [hep-th]].

(86) H. K. Kunduri and J. Lucietti, Living Rev. Rel. **16**, 8 (2013) doi:10.12942/lrr-2013-8 [arXiv:1306.2517 [hep-th]].

(87) B. Bakon and M. Rogatko, Phys. Rev. D **87**, no.8, 084065 (2013) doi:10.1103/PhysRevD.87.084065 [arXiv:1305.1401 [hep-th]].

(88) J. Kunz, P. G. Nedkova and C. Stelea, Nucl. Phys. B **874**, 773-791 (2013) doi:10.1016/j.nuclphysb.2013.06.01 [arXiv:1304.7020 [gr-qc]].

(89) P. Tod, N. Metzner and L. Mason, Class. Quant. Grav. **30**, 095002 (2013) doi:10.1088/0264-9381/30/9/095002 [arXiv:1303.0849 [gr-qc]].

(90) N. Metzner, Class. Quant. Grav. **30**, 095001 (2013) doi:10.1088/0264-9381/30/9/095001 [arXiv:1303.0850 [gr-qc]].

(91) P. Figueras and T. Wiseman, Phys. Rev. Lett. **110**, 171602 (2013) doi:10.1103/PhysRevLett.110.171602 [arXiv:1212.4498 [hep-th]].

(92) C. Stelea, C. Dariescu and M. A. Dariescu, Phys. Rev. D **87**, no.2, 024039 (2013) doi:10.1103/PhysRevD.87.024039 [arXiv:1211.3154 [gr-qc]].

(93) C. Stelea and M. C. Ghilea, Phys. Lett. B **719**, 191-195 (2013) doi:10.1016/j.physletb.2013.01.009 [arXiv:1211.3725 [gr-qc]].

(94) H. S. Reall, Int. J. Mod. Phys. D **21**, 1230001 (2012) doi:10.1142/S0218271812300017 [arXiv:1210.1402 [gr-qc]].

(95) M. Rogatko, Phys. Rev. D **86**, 064005 (2012) doi:10.1103/PhysRevD.86.064005 [arXiv:1209.3478 [hep-th]].

(96) A. Nakonieczna and M. Rogatko, Gen. Rel. Grav. **44**, 3175-3195 (2012) doi:10.1007/s10714-012-1448-y [arXiv:1209.3614 [hep-th]].

(97) N. Metzner,"Twistor Theory of Higher-Dimensional Black Holes," [arXiv:1207.0115 [gr-qc]].

(98) K. HONG CHONG MING, Black rings in five dimensions, PhD thesis, Dept. Physics, National University of Singapore (2013);

(99) A. Dimakis and F. Mueller-Hoissen, SIGMA **9**, 009 (2013) doi:10.3842/SIGMA.2013.009 [arXiv:1207.1308 [nlin.SI]].

(100) L. Nakonieczny and M. Rogatko, Phys. Rev. D **85**, 124050 (2012) doi:10.1103/PhysRevD.85.124050 [arXiv:1206.4405 [hep-th]].

(101) P. T. Chrusciel, J. Lopes Costa and M. Heusler, Living Rev. Rel. **15**, 7 (2012) doi:10.12942/lrr-2012-7 [arXiv:1205.6112 [gr-qc]].

(102) Y. Chen and E. Teo, JHEP **06**, 068 (2012) doi:10.1007/JHEP06(2012)068 [arXiv:1204.3116 [hep-th]].

(103) Y. Chen, K. Hong and E. Teo, JHEP **06**, 148 (2012) doi:10.1007/JHEP06(2012)148 [arXiv:1204.5785 [hep-th]].

(104) V. Cardoso, L. Gualtieri, C. Herdeiro, U. Sperhake, P. M. Chesler, L. Lehner, S. C. Park, H. S. Reall, C. F. Sopuerta and D. Alic, *et al.* Class. Quant. Grav. **29**, 244001 (2012) doi:10.1088/0264-9381/29/24/244001 [arXiv:1201.5118 [hep-th]].

(105) J. Armas, "(Electro)Elasticity from Gravity," PhD thesis, University of Copenhagen (2012)

(106) J. Armas, P. Caputa and T. Harmark, Phys. Rev. D **85**, 084019 (2012) doi:10.1103/PhysRevD.85.084019 [arXiv:1111.1163 [hep-th]].

(107) Y. Chen, K. Hong and E. Teo, Phys. Rev. D **84**, 084030 (2011) doi:10.1103/PhysRevD.84.084030 [arXiv:1108.1849 [hep-th]].

(108) C. Stelea, K. Schleich and D. Witt, Phys. Rev. D **91**, 024040 (2015) doi:10.1103/PhysRevD.91.024040 [arXiv:1108.5145 [gr-qc]].

(109) S. P. L. Kitchen, "Numerical Algorithms for finding Black Hole solutions of Einstein's Equations," PhD thesis, Imperial College London, Department of Theoretical Physics (2011), doi:10.25560/7123

(110) T. Wiseman, [arXiv:1107.5513 [gr-qc]].

(111) H. Iguchi, K. Izumi and T. Mishima, Prog. Theor. Phys. Suppl. **189**, 93-125 (2011) doi:10.1143/PTPS.189.93 [arXiv:1106.0387 [gr-qc]].

(112) Liljegren S., Solutions and dynamics of higher dimensional black holes, PhD thesis, Imperial College London (2011); workspace.imperial.ac.uk

(113) D. Ida, A. Ishibashi and T. Shiromizu, Prog. Theor. Phys. Suppl. **189**, 52-92 (2011) doi:10.1143/PTPS.189.52 [arXiv:1105.3491 [hep-th]].

(114) A. Adam, S. Kitchen and T. Wiseman, Class. Quant. Grav. **29**, 165002 (2012) doi:10.1088/0264-9381/29/16/165002 [arXiv:1105.6347 [gr-qc]].

(115) S. Tomizawa and H. Ishihara, Prog. Theor. Phys. Suppl. **189**, 7-51 (2011) doi:10.1143/PTPS.189.7 [arXiv:1104.1468 [hep-th]].

(116) K. Murata, JHEP **05**, 117 (2011) doi:10.1007/JHEP05(2011)117 [arXiv:1103.5635 [hep-th]].

(117) P. T. Chrusciel and L. Nguyen, Gen. Rel. Grav. **43**, 1615-1624 (2011) doi:10.1007/s10714-011-1159-9 [arXiv:1007.4972 [gr-qc]].

(118) Z. Liu and Z. Chen, Int. J. Mod. Phys. A **26**, 2271-2277 (2011) doi:10.1142/S0217751X11053006 [arXiv:1101.3816 [hep-th]].

(119) Y. Chen and E. Teo, Nucl. Phys. B **850**, 253-272 (2011) doi:10.1016/j.nuclphysb.2011.04.019 [arXiv:1011.6464 [hep-th]].

(120) B. Kleihaus, J. Kunz, E. Radu and M. J. Rodriguez, JHEP **02**, 058 (2011) doi:10.1007/JHEP02(2011)058 [arXiv:1010.2898 [gr-qc]].

(121) K. Tanabe, S. Ohashi and T. Shiromizu, Phys. Rev. D **82**, 104042 (2010) doi:10.1103/PhysRevD.82.104042 [arXiv:1009.1486 [gr-qc]].

(122) H. Iguchi and T. Mishima, Phys. Rev. D **82**, 084009 (2010) doi:10.1103/PhysRevD.82.084009 [arXiv:1008.4290 [hep-th]].

(123) M. Kudrna, "Black holes in string theory," thesis, Univerzita Karlova v Praze (2010)

(124) S. Tomizawa, Phys. Rev. D **82**, 104047 (2010) doi:10.1103/PhysRevD.82.104047 [arXiv:1007.1183 [hep-th]].

(125) C. Verhaaren, "Charged, Rotating Black Holes in Higher Dimensions, " thesis, Brigham Young University (2010)

(126) O. J. C. Dias, P. Figueras, R. Monteiro and J. E. Santos, Phys. Rev. D **82**, 104025 (2010) doi:10.1103/PhysRevD.82.104025 [arXiv:1006.1904 [hep-th]].

(127) R. Monteiro, doi:10.17863/CAM.16097 [arXiv:1006.5358 [hep-th]].

(128) Y. Chen and E. Teo, Nucl. Phys. B **838**, 207-237 (2010) doi:10.1016/j.nuclphysb.2010.05.017 [arXiv:1004.2750 [gr-qc]].

(129) M. J. Rodriguez, doi:10.1142/9789814374552_0026 [arXiv:1003.2411 [hep-th]].

(130) A. M. Ghezelbash, Phys. Rev. D **81**, 044027 (2010) doi:10.1103/PhysRevD.81.044027 [arXiv:1001.5066 [hep-th]].

(131) B. Kleihaus, J. Kunz and E. Radu, JHEP **02**, 092 (2010) doi:10.1007/JHEP02(2010)092 [arXiv:0912.1725 [gr-qc]].

(132) Costa J., On black hole uniqueness theorems, PhD thesis, Magdalen College, University of Oxford (2010); http://homepage.univie.ac.at/piotr.chrusciel/papers/TeseFinal.pdf

(133) R. Emparan, T. Harmark, V. Niarchos and N. A. Obers, JHEP **04**, 046 (2010) doi:10.1007/JHEP04(2010)046 [arXiv:0912.2352 [hep-th]].

(134) P. Figueras, E. Jamsin, J. V. Rocha and A. Virmani, Class. Quant. Grav. **27**, 135011 (2010) doi:10.1088/0264-9381/27/13/135011 [arXiv:0912.3199 [hep-th]].

(135) P. T. Chrusciel, J. Cortier and A. G. P. Gomez-Lobo, Adv. Theor. Math. Phys. **14**, no.6, 1779-1856 (2010) doi:10.4310/ATMP.2010.v14.n6.a5 [arXiv:0911.0802 [gr-qc]].

(136) S. Tomizawa, Y. Yasui and A. Ishibashi, Phys. Rev. D **81**, 084037 (2010) doi:10.1103/PhysRevD.81.084037 [arXiv:0911.4309 [hep-th]].

(137) J. Armas and T. Harmark, JHEP **05**, 093 (2010) doi:10.1007/JHEP05(2010)093 [arXiv:0911.4654 [hep-th]].

(138) M. Rogatko, Phys. Rev. D **80**, 044035 (2009) doi:10.1103/PhysRevD.80.044035 [arXiv:0909.0323 [hep-th]].

(139) H. Ahmedov and A. N. Aliev, Phys. Lett. B **679**, 396-400 (2009) doi:10.1016/j.physletb.2009.07.070 [arXiv:0907.1804 [hep-th]].

(140) A. J. Amsel, G. T. Horowitz, D. Marolf and M. M. Roberts, Phys. Rev. D **81**, 024033 (2010) doi:10.1103/PhysRevD.81.024033 [arXiv:0906.2367 [gr-qc]].

(141) A. J. Amsel, G. T. Horowitz, D. Marolf and M. M. Roberts, JHEP **09**, 044 (2009) doi:10.1088/1126-6708/2009/09/044 [arXiv:0906.2376 [hep-th]].

(142) P. Figueras and J. Lucietti, Class. Quant. Grav. **27**, 095001 (2010) doi:10.1088/0264-9381/27/9/095001 [arXiv:0906.5565 [hep-th]].

(143) B. Kleihaus, J. Kunz and E. Radu, Phys. Lett. B **678**, 301-307 (2009) doi:10.1016/j.physletb.2009.06.039 [arXiv:0904.2723 [hep-th]].

(144) T. Harmark, Phys. Rev. D **80**, 024019 (2009) doi:10.1103/PhysRevD.80.024019 [arXiv:0904.4246 [hep-th]].

(145) J. Ford, "GRAVITY AND BLACK HOLES IN FOUR AND FIVE DIMENSIONS," University of Toronto (2009)

(146) M. Kimura, Phys. Rev. D **80**, 044012 (2009) doi:10.1103/PhysRevD.80.044012 [arXiv:0904.4311 [gr-qc]].

(147) A. M. Ghezelbash, Phys. Rev. D **79**, 064017 (2009) doi:10.1103/PhysRevD.79.064017 [arXiv:0904.4691 [hep-th]].

(148) K. Tanabe, N. Tanahashi and T. Shiromizu, J. Math. Phys. **50**, 072502 (2009) doi:10.1063/1.3166141 [arXiv:0902.1583 [gr-qc]].

(149) T. Liko, Phys. Rev. D **79**, 084038 (2009) doi:10.1103/PhysRevD.79.084038 [arXiv:0901.1121 [gr-qc]].

(150) S. Tomizawa, Y. Yasui and A. Ishibashi, Phys. Rev. D **79**, 124023 (2009) doi:10.1103/PhysRevD.79.124023 [arXiv:0901.4724 [hep-th]].

(151) P. T. Chrusciel, J. Math. Phys. **50**, 052501 (2009) doi:10.1063/1.3068729 [arXiv:0812.3424 [gr-qc]].

(152) B. Chng, R. B. Mann, E. Radu and C. Stelea, JHEP **12**, 009 (2008) doi:10.1088/1126-6708/2008/12/009 [arXiv:0809.0154 [hep-th]].

(153) Y. Chen and E. Teo, Phys. Rev. D **78**, 064062 (2008) doi:10.1103/PhysRevD.78.064062 [arXiv:0808.0587 [gr-qc]].

(154) V. Niarchos, Mod. Phys. Lett. A **23**, 2625-2643 (2008) doi:10.1142/S0217732308028387 [arXiv:0808.2776 [hep-th]].

(155) P. T. Chrusciel and J. Lopes Costa, Asterisque **321**, 195-265 (2008) [arXiv:0806.0016 [gr-qc]].

(156) M. Rogatko, Phys. Rev. D **77**, 124037 (2008) doi:10.1103/PhysRevD.77.124037 [arXiv:0805.1982 [hep-th]].

(157) N. A. Obers, Lect. Notes Phys. **769**, 211-258 (2009) doi:10.1007/978-3-540-88460-6_6 [arXiv:0802.0519 [hep-th]].

(158) R. Emparan and H. S. Reall, Living Rev. Rel. **11**, 6 (2008) doi:10.12942/lrr-2008-6 [arXiv:0801.3471 [hep-th]].

(159) A. Ishibashi, Prog. Theor. Phys. Suppl. **172**, 202-209 (2008) doi:10.1143/PTPS.172.202

(160) Y. Morisawa, S. Tomizawa and Y. Yasui,

(161) K. Izumi, Prog. Theor. Phys. **119**, 757-774 (2008) doi:10.1143/PTP.119.757 [arXiv:0712.0902 [hep-th]].

(162) Y. Morisawa, S. Tomizawa and Y. Yasui, Phys. Rev. D **77**, 064019 (2008) doi:10.1103/PhysRevD.77.064019 [arXiv:0710.4600 [hep-th]].

(163) R. Emparan, T. Harmark, V. Niarchos, N. A. Obers and M. J. Rodriguez, JHEP **10**, 110 (2007) doi:10.1088/1126-6708/2007/10/110 [arXiv:0708.2181 [hep-th]].

A.121. G. Gyulchev, **S. Yazadjiev**, "Gravitational lensing by rotating naked singularities in the equatorial plane," AIP Conf. Proc. **946** 1, 106 (2007)

Забелязани независими цитати:

(1) N. U. Molla, H. Chaudhary, D. Arora, F. Atamurotov, U. Debnath and G.Mustafa, [arXiv:2310.14234 [gr-qc]].

(2) Д.-Л.З. Гесс, Д.И. Ганиева, "СИЛЬНОЕ ГРАВИТАЦИОННОЕ ЛИНЗИРОВАНИЕ ДЛЯ СЛУЧАЯ РЕГУЛЯРНЫХ ЗАРЯЖЕННЫХ ЧЕРНЫХ ДЫР БЕЗ ГОРИЗОНТА," ИЗВЕСТИЯ УФИМСКОГО НАУЧНОГО ЦЕНТРА РАН. 2023. No 1. С. 86-91; DOI: 10.31-40/2222-8349-2023-0-1-86-91

(3) J. Kumar, S. U. Islam and S. G. Ghosh, Astrophys. J. **938**, no.2, 104 (2022) doi:10.3847/1538-4357/ac912c [arXiv:2209.04240 [gr-qc]].

(4) M. Sharif and S. Iftikhar, J. Exp. Theor. Phys. **124**, no.6, 886-894 (2017) doi:10.1134/S1063776117050065

(5) M. Sharif and S. Iftikhar, Adv. High Energy Phys. **2015**, 635625 (2015) [erratum: Adv. High Energy Phys. **2015**, 219762 (2015)] doi:10.1155/2015/635625

(6) M. Sharif and S. Iftikhar, Adv. High Energy Phys. **2015**, 854264 (2015) doi:10.1155/2015/854264

A.122. **S. S. Yazadjiev**, "Black Saturn with dipole ring," Phys. Rev. D **76**, 064011 (2007) [arXiv:0705.1840 [hep-th]].

Забелязани независими цитати:

(1) F. Tomlinson, "Constructing and classifying five-dimensional black holes using integrability," PhD Thesis, Edinburgh U. (2022) doi:10.7488/era/1993

(2) F. Tomlinson, Class. Quant. Grav. **39**, no.13, 135008 (2022) doi:10.1088/1361-6382/ac5814 [arXiv:2111.14809 [gr-qc]].

(3) C. Knoll and P. Nedkova, Phys. Rev. D **93**, no.6, 064052 (2016) doi:10.1103/PhysRevD.93.064052 [arXiv:1512.01494 [gr-qc]].

(4) S. Grunau, Phys. Rev. D **90**, no.6, 064022 (2014) doi:10.1103/PhysRevD.90.064022 [arXiv:1407.2009 [gr-qc]].

(5) A. Dimakis and F. Mueller-Hoissen, SIGMA **9**, 009 (2013) doi:10.3842/SIGMA.2013.009 [arXiv:1207.1308 [nlin.SI]].

(6) P. T. Chrusciel and L. Nguyen, Gen. Rel. Grav. **43**, 1615-1624 (2011) doi:10.1007/s10714-011-1159-9 [arXiv:1007.4972 [gr-qc]].

(7) M. M. Caldarelli, R. Emparan and B. Van Pol, JHEP **04**, 013 (2011) doi:10.1007/JHEP04(2011)013 [arXiv:1012.4517 [hep-th]].

(8) S. Tomizawa, [arXiv:1009.3568 [hep-th]].

(9) S. Tomizawa, Phys. Rev. D **82**, 104047 (2010) doi:10.1103/PhysRevD.82.104047 [arXiv:1007.1183 [hep-th]].

(10) J. Yun,"The phases of supersymmetric black holes in five dimensions," PhD thesis (2010)

(11) D. V. Gal'tsov and N. G. Scherbluk, Phys. Rev. D **81**, 044028 (2010) doi:10.1103/PhysRevD.81.044028 [arXiv:0912.2771 [hep-th]].

(12) S. Tomizawa, Y. Yasui and A. Ishibashi, Phys. Rev. D **81**, 084037 (2010) doi:10.1103/PhysRevD.81.084037 [arXiv:0911.4309 [hep-th]].

(13) J. Armas and T. Harmark, JHEP **05**, 093 (2010) doi:10.1007/JHEP05(2010)093 [arXiv:0911.4654 [hep-th]].

(14) C. Stelea, K. Schleich and D. Witt, Phys. Rev. D **83**, 084037 (2011) doi:10.1103/PhysRevD.83.084037 [arXiv:0909.3835 [hep-th]].

(15) M. Kimura, Phys. Rev. D **80**, 044012 (2009) doi:10.1103/PhysRevD.80.044012 [arXiv:0904.4311 [gr-qc]].

(16) B. Chng, R. B. Mann, E. Radu and C. Stelea, JHEP **12**, 009 (2008) doi:10.1088/1126-6708/2008/12/009 [arXiv:0809.0154 [hep-th]].

(17) J. Evslin, JHEP **09**, 004 (2008) doi:10.1088/1126-6708/2008/09/004 [arXiv:0806.3389 [hep-th]].

(18) D. V. Gal'tsov and N. G. Scherbluk, Phys. Rev. D **78**, 064033 (2008) doi:10.1103/PhysRevD.78.064033 [arXiv:0805.3924 [hep-th]].

(19) J. Evslin and C. Krishnan, JHEP **09**, 003 (2008) doi:10.1088/1126-6708/2008/09/003 [arXiv:0804.4575 [hep-th]].

(20) R. Emparan and H. S. Reall, Living Rev. Rel. **11**, 6 (2008) doi:10.12942/lrr-2008-6 [arXiv:0801.3471 [hep-th]].

(21) D. V. Gal'tsov and N. G. Scherbluk, PoS **BHGRS**, 016 (2008) doi:10.22323/1.075.0016 [arXiv:0912.2770 [hep-th]].

(22) K. Izumi, Prog. Theor. Phys. **119**, 757-774 (2008) doi:10.1143/PTP.119.757 [arXiv:0712.0902 [hep-th]].

(23) A. Bouchareb, G. Clement, C. M. Chen, D. V. Gal'tsov, N. G. Scherbluk and T. Wolf, Phys. Rev. D **76**, 104032 (2007) [erratum: Phys. Rev. D **78**, 029901 (2008)] doi:10.1103/PhysRevD.76.104032 [arXiv:0708.2361 [hep-th]].

(24) J. Evslin and C. Krishnan, Class. Quant. Grav. **26**, 125018 (2009) doi:10.1088/0264-9381/26/12/125018 [arXiv:0706.1231 [hep-th]].

(25) U. Miyamoto and K. Murata, Phys. Rev. D **77**, 024020 (2008) doi:10.1103/PhysRevD.77.024020 [arXiv:0705.3150 [hep-th]].

(26) S. Tomizawa, H. Iguchi and T. Mishima, Phys. Rev. D **78**, 084001 (2008) doi:10.1103/PhysRevD.78.084001 [arXiv:hep-th/0702207 [hep-th]].

A.123. I. Z. Stefanov, **S. S. Yazadjiev** and M. D. Todorov, "Scalar-tensor black holes coupled to Born-Infeld nonlinear electrodynamics," Phys. Rev. D **75**, 084036 (2007)

[arXiv:0704.3784 [gr-qc]].

Забелязани независими цитати:

(1) K. Taniguchi, S. Takagishi and R. Kase, [arXiv:2403.17484 [gr-qc]].

(2) M. Dehghani, Mod. Phys. Lett. A **39**, no.06, 2450009 (2024) doi:10.1142/S0217732324500093

(3) M. Dehghani, PTEP **2023**, no.11, 113E02 (2023) doi:10.1093/ptep/ptad128

(4) M. Dehghani, Eur. Phys. J. C **83**, no.11, 987 (2023) doi:10.1140/epjc/s10052-023-12155-w

(5) H. R. Bakhtiarizadeh and H. Golchin, JCAP **01**, 061 (2024) doi:10.1088/1475-7516/2024/01/061 [arXiv:2305.03337 [gr-qc]].

(6) R. Kase and S. Tsujikawa, Phys. Rev. D **107**, no.10, 104045 (2023) doi:10.1103/PhysRevD.107.104045 [arXiv:2301.10362 [gr-qc]].

(7) М. Татарин, "ТЕРМОДИНАМІКА ЧОРНИХ ДІР З НЕЛІНІЙНИМИ МАТЕРІАЛЬНИМИ ПОЛЯМИ," ДИСЕРТАЦІЯ, Львівський національний університет імені Івана Франка (2023)

(8) M. Dehghani, Eur. Phys. J. C **82**, no.4, 367 (2022) doi:10.1140/epjc/s10052-022-10251-x

(9) S. J. Zhang, Eur. Phys. J. C **82**, no.6, 501 (2022) doi:10.1140/epjc/s10052-022-10464-0 [arXiv:2201.09703 [gr-qc]].

(10) M. Tataryn and M. Stetsko, Gen. Rel. Grav. **53**, no.8, 72 (2021) doi:10.1007/s10714-021-02842-y [arXiv:2304.02753 [gr-qc]].

(11) M. Tataryn and M. Stetsko, Int. J. Mod. Phys. D **29**, no.16, 2050111 (2020) doi:10.1142/S0218271820501114 [arXiv:2304.02734 [gr-qc]].

(12) Z. Li, Y. Gao and X. K. Guo, Phys. Lett. B **817**, 136303 (2021) doi:10.1016/j.physletb.2021.136303 [arXiv:2009.09385 [gr-qc]].

(13) C. A. R. Herdeiro, T. Ikeda, M. Minamitsuji, T. Nakamura and E. Radu, Phys. Rev. D **103**, no.4, 044019 (2021) doi:10.1103/PhysRevD.103.044019 [arXiv:2009.06971 [gr-qc]].

(14) K. Nomura, D. Yoshida and J. Soda, Phys. Rev. D **101**, no.12, 124026 (2020) doi:10.1103/PhysRevD.101.124 [arXiv:2004.07560 [gr-qc]].

(15) Y. Younesizadeh, A. A. Ahmad, A. H. Ahmed, F. Younesizadeh and M. Ebrahimkhas, Int. J. Mod. Phys. A **34**, no.35, 1950239 (2020) doi:10.1142/S0217751X19502397 [arXiv:2006.10710 [hep-th]].

(16) M. M. Stetsko, Phys. Rev. D **101**, no.10, 104004 (2020) doi:10.1103/PhysRevD.101.104004 [arXiv:2001.03574 [hep-th]].

(17) A. Allahyari, M. Khodadi, S. Vagnozzi and D. F. Mota, JCAP **02**, 003 (2020) doi:10.1088/1475-7516/2020/02/003 [arXiv:1912.08231 [gr-qc]].

(18) M. Dehghani, Eur. Phys. J. Plus **134**, no.10, 515 (2019) doi:10.1140/epjp/i2019-13046-8

(19) M. Dehghani, Phys. Rev. D **100**, no.8, 084019 (2019) doi:10.1103/PhysRevD.100.084019

(20) M. Tataryn and M. Stetsko, Int. J. Mod. Phys. D **28**, no.12, 1950160 (2019) doi:10.1142/S0218271819501608 [arXiv:2304.02118 [gr-qc]].

(21) M. Dehghani, Phys. Rev. D **99**, no.10, 104036 (2019) doi:10.1103/PhysRevD.99.104036

(22) X. Y. Wang, M. Zhang and W. B. Liu, Eur. Phys. J. C **78**, no.11, 955 (2018) doi:10.1140/epjc/s10052-018-6434-4

(23) J. Pakravan and M. V. Takook, Astrophys. Space Sci. **363**, no.9, 181 (2018) doi:10.1007/s10509-018-3404-0

(24) M. Dehghani, Phys. Rev. D **97**, no.4, 044030 (2018) doi:10.1103/PhysRevD.97.044030

(25) S. H. Hendi, B. Eslam Panah, S. Panahiyan and M. Momennia, Eur. Phys. J. C **78**, no.6, 432 (2018) doi:10.1140/epjc/s10052-018-5914-x [arXiv:1711.07558 [gr-qc]].

(26) M. Dehghani and S. F. Hamidi, Phys. Rev. D **96**, no.10, 104017 (2017) doi:10.1103/PhysRevD.96.104017

(27) S. H. Hendi, M. S. Talezadeh and Z. Armanfard, Adv. High Energy Phys. **2017**, 7158697 (2017) doi:10.1155/2017/7158697 [arXiv:1709.00289 [hep-th]].

(28) C. Bejarano, G. J. Olmo and D. Rubiera-Garcia, Phys. Rev. D **95**, no.6, 064043 (2017) doi:10.1103/PhysRevD.95.064043 [arXiv:1702.01292 [hep-th]].

(29) S. H. Hendi, S. Panahiyan, M. Momennia and B. Eslam Panah, Int. J. Mod. Phys. D **26**, no.04, 1750026 (2016) doi:10.1142/S0218271817500262

(30) C. Bambi, D. Rubiera-Garcia and Y. Wang, Phys. Rev. D **94**, no.6, 064002 (2016) doi:10.1103/PhysRevD.94.064002 [arXiv:1608.04873 [gr-qc]].

(31) A. Sheykhi, F. Naeimipour and S. M. Zebarjad, Gen. Rel. Grav. **48**, no.7, 96 (2016) doi:10.1007/s10714-016-2086-6

(32) I. G. Salako, M. J. S. Houndjo and A. Jawad, Int. J. Mod. Phys. D **25**, no.07, 1650076 (2016) doi:10.1142/S0218271816500760 [arXiv:1605.07611 [gr-qc]].

(33) A. Sheykhi, F. Naeimipour and S. M. Zebarjad, Gen. Rel. Grav. **48**, no.3, 33 (2016) doi:10.1007/s10714-016-2034-5

(34) M. Kord Zangeneh, M. H. Dehghani and A. Sheykhi, Phys. Rev. D **92**, no.10, 104035 (2015) doi:10.1103/PhysRevD.92.104035 [arXiv:1509.05990 [gr-qc]].

(35) M. Kord Zangeneh, A. Sheykhi and M. H. Dehghani, Phys. Rev. D **92**, no.2, 024050 (2015) doi:10.1103/PhysRevD.92.024050 [arXiv:1506.01784 [gr-qc]].

(36) S. H. Hendi, S. Panahiyan and M. Momennia, Int. J. Mod. Phys. D **25**, no.06, 1650063 (2016) doi:10.1142/S0218271816500632 [arXiv:1503.03340 [gr-qc]].

(37) S. H. Hendi and M. Momennia, Eur. Phys. J. C **75**, no.2, 54 (2015) doi:10.1140/epjc/s10052-015-3283-2 [arXiv:1501.04863 [gr-qc]].

(38) M. Sharif and M. Azam, Phys. Lett. A **378**, 2737-2742 (2014) doi:10.1016/j.physleta.2014.07.041

(39) S. H. Mazharimousavi and M. Halilsoy, Mod. Phys. Lett. A **30**, no.33, 1550177 (2015) doi:10.1142/S0217732315501771 [arXiv:1405.2956 [gr-qc]].

(40) A. Sheykhi, Adv. High Energy Phys. **2014**, 615041 (2014) doi:10.1155/2014/615041

(41) S. H. Hendi and A. Sheykhi, Phys. Rev. D **88**, no.4, 044044 (2013) doi:10.1103/PhysRevD.88.044044 [arXiv:1405.6998 [gr-qc]].

(42) E. Berti, V. Cardoso, L. Gualtieri, M. Horbatsch and U. Sperhake, Phys. Rev. D **87**, no.12, 124020 (2013) doi:10.1103/PhysRevD.87.124020 [arXiv:1304.2836 [gr-qc]].

(43) M. Allahverdizadeh, J. P. S. Lemos and A. Sheykhi, Phys. Rev. D **87**, no.8, 084002 (2013) doi:10.1103/PhysRevD.87.084002 [arXiv:1302.5079 [gr-qc]].

(44) E. F. Eiroa and C. Simeone, Phys. Rev. D **83**, 104009 (2011) doi:10.1103/PhysRevD.83.104009 [arXiv:1102.1683 [gr-qc]].

(45) S. H. Hendi, Eur. Phys. J. C **71**, 1551 (2011) doi:10.1140/epjc/s10052-011-1551-3 [arXiv:1007.2704 [gr-qc]].

(46) W. A. Chemissany, M. de Roo and S. Panda, Class. Quant. Grav. **25**, 225009 (2008) doi:10.1088/0264-9381/25/22/225009 [arXiv:0806.3348 [hep-th]].

(47) M. Hassaine and C. Martinez, Class. Quant. Grav. **25**, 195023 (2008) doi:10.1088/0264-9381/25/19/195023 [arXiv:0803.2946 [hep-th]].

(48) A. Sheykhi, Int. J. Mod. Phys. D **18**, 25-42 (2009) doi:10.1142/S021827180901425X [arXiv:0801.4112 [hep-th]].

(49) A. Sheykhi, Phys. Lett. B **662**, 7-13 (2008) doi:10.1016/j.physletb.2008.02.017 [arXiv:0710.3827 [hep-th]].

A.124. G. N. Gyulchev and **S. S. Yazadjiev**, "Kerr-Sen dilaton-axion black hole lensing in the strong deflection limit," Phys. Rev. D **75**, 023006 (2007)

[gr-qc/0611110].

Забелязани независими цитати:

(1) A. Vachher, S. U. Islam and S. G. Ghosh, [arXiv:2405.06501 [gr-qc]].

(2) X. Ying and J. Jia, [arXiv:2405.03471 [gr-qc]].

(3) F. Aratore, O. Y. Tsupko and V. Perlick, [arXiv:2402.14733 [gr-qc]].

(4) M. S. Ali, S. Kaushal and Y. X. Liu, [arXiv:2401.06511 [gr-qc]].

(5) C. H. Xie, Y. Zhang, Q. Sun, Q. Q. Li and P. F. Duan, [arXiv:2401.05454 [gr-qc]].

(6) S. Minwalla, [arXiv:2310.16643 [gr-qc]].

(7) A. R. Soares, C. F. S. Pereira, R. L. L. Vitória and E. M. Rocha, Phys. Rev. D **108**, no.12, 124024 (2023) doi:10.1103/PhysRevD.108.124024 [arXiv:2309.05106 [gr-qc]].

(8) A. Ashoorioon, M. B. Jahani Poshteh and R. B. Mann, [arXiv:2309.00205 [gr-qc]].

(9) R. F. Fernández, R. Della Monica and I. de Martino, JCAP **08**, 039 (2023) doi:10.1088/1475-7516/2023/08/039 [arXiv:2306.06937 [gr-qc]].

(10) R. Della Monica, I. de Martino and M. de Laurentis, Mon. Not. Roy. Astron. Soc. **524**, no.3, 3782-3796 (2023) doi:10.1093/mnras/stad2125 [arXiv:2305.18178 [gr-qc]].

(11) S. K. Sahoo, N. Yadav and I. Banerjee, Phys. Rev. D **109**, no.4, 044008 (2024) doi:10.1103/PhysRevD.109.04 [arXiv:2305.14870 [gr-qc]].

(12) S. Shaymatov, K. Jusufi, M. Alloqulov and B. Ahmedov, Eur. Phys. J. Plus **138**, no.11, 997 (2023) doi:10.1140/epjp/s13360-023-04604-y [arXiv:2303.06494 [gr-qc]].

(13) O. Y. Tsupko, Phys. Rev. D **106**, no.6, 064033 (2022) doi:10.1103/PhysRevD.106.064033 [arXiv:2208.02084 [gr-qc]].

(14) A. Övgün, Y. Kumaran, W. Javed and J. Abbas, Int. J. Geom. Meth. Mod. Phys. **19**, no.12, 2250192 (2022) doi:10.1142/S0219887822501924

(15) X. M. Kuang and A. Övgün, Annals Phys. **447**, 169147 (2022) doi:10.1016/j.aop.2022.169147 [arXiv:2205.11003 [gr-qc]].

(16) G. S. Bisnovatyi-Kogan and O. Y. Tsupko, Phys. Rev. D **105**, no.6, 064040 (2022) doi:10.1103/PhysRevD.105.064040 [arXiv:2201.01716 [gr-qc]].

(17) Q. M. Fu and X. Zhang, Phys. Rev. D **105**, no.6, 064020 (2022) doi:10.1103/PhysRevD.105.064020 [arXiv:2111.07223 [gr-qc]].

(18) N. U. Molla and U. Debnath, Int. J. Mod. Phys. A **36**, no.27, 2150210 (2021) doi:10.1142/S0217751X215021

(19) U. Debnath, Chin. J. Phys. **70**, 213-231 (2021) doi:10.1016/j.cjph.2020.09.037

(20) A. Tripathi, B. Zhou, A. B. Abdikamalov, D. Ayzenberg and C. Bambi, JCAP **07**, 002 (2021) doi:10.1088/1475-7516/2021/07/002 [arXiv:2103.07593 [astro-ph.HE]].

(21) T. Hsieh, D. S. Lee and C. Y. Lin, Phys. Rev. D **103**, no.10, 104063 (2021) doi:10.1103/PhysRevD.103.10406 [arXiv:2101.09008 [gr-qc]].

(22) C. Furtado, J. R. Nascimento, A. Y. Petrov, P. J. Porfírio and A. R. Soares, Phys. Rev. D **103**, no.4, 044047 (2021) doi:10.1103/PhysRevD.103.044047 [arXiv:2010.11452 [gr-qc]].

(23) S. Ghosh, "INFLUENCES OF DARK SECTOR ON LOCAL GRAVITATIONAL PHENOMENA," PhD thesis, UNIVERSITY OF NORTH BENGAL (2020)

(24) I. Banerjee, B. Mandal and S. SenGupta, Mon. Not. Roy. Astron. Soc. **500**, no.1, 481-492 (2020) doi:10.1093/mnras/staa3232 [arXiv:2007.13980 [gr-qc]].

(25) B. Narzilloev, J. Rayimbaev, S. Shaymatov, A. Abdujabbarov, B. Ahmedov and C. Bambi, Phys. Rev. D **102**, no.4, 044013 (2020) doi:10.1103/PhysRevD.102.044013 [arXiv:2007.12462 [gr-qc]].

(26) I. Banerjee, B. Mandal and S. SenGupta, Phys. Rev. D **103**, no.4, 044046 (2021) doi:10.1103/PhysRevD.103.044046 [arXiv:2007.03947 [gr-qc]].

(27) M. A. Alawadi, D. Batic and M. Nowakowski, Class. Quant. Grav. **38**, no.4, 045003 (2021) doi:10.1088/1361-6382/abce6c [arXiv:2006.03376 [gr-qc]].

(28) J. R. Nascimento, A. Y. Petrov, P. J. Porfirio and A. R. Soares, Phys. Rev. D **102**, no.4, 044021 (2020) doi:10.1103/PhysRevD.102.044021 [arXiv:2005.13096 [gr-qc]].

(29) A. Narang, S. Mohanty and A. Kumar, [arXiv:2002.12786 [gr-qc]].

(30) H. Yan,"Observational signatures of near-extremal rotating black holes," PhD thesis, University of Copenhagen (2020)

(31) M. Guo, S. Song and H. Yan, Phys. Rev. D **101**, no.2, 024055 (2020) doi:10.1103/PhysRevD.101.024055 [arXiv:1911.04796 [gr-qc]].

(32) G. Abbas, A. Mahmood and M. Zubair, Chin. Phys. C **44**, no.9, 095105 (2020) doi:10.1088/1674-1137/44/9/095105 [arXiv:1909.06433 [gr-qc]].

(33) H. M. Siahaan, Eur. Phys. J. C **80**, no.10, 1000 (2020) doi:10.1140/epjc/s10052-020-08561-z [arXiv:1905.02622 [gr-qc]].

(34) K. Jusufi, [arXiv:1906.12186 [gr-qc]].

(35) C. Y. Wang, Y. F. Shen and Y. Xie, JCAP **04**, 022 (2019) doi:10.1088/1475-7516/2019/04/022 [arXiv:1902.03789 [gr-qc]].

(36) M. Rahman, S. Chakraborty, S. SenGupta and A. A. Sen, JHEP **03**, 178 (2019) doi:10.1007/JHEP03(2019)17 [arXiv:1811.08538 [gr-qc]].

(37) U. Debnath, Mod. Phys. Lett. A **35**, no.07, 2050033 (2019) doi:10.1142/S0217732320500339 [arXiv:1508.02385 [gr-qc]].

(38) M. Rahman and A. A. Sen, Phys. Rev. D **99**, no.2, 024052 (2019) doi:10.1103/PhysRevD.99.024052 [arXiv:1810.09200 [gr-qc]].

(39) C. M. Sendra, Gen. Rel. Grav. **51**, no.7, 83 (2019) doi:10.1007/s10714-019-2571-9 [arXiv:1807.07038 [gr-qc]].

(40) X. G. Lan and J. Pu, Mod. Phys. Lett. A **33**, no.17, 1850099 (2018) doi:10.1142/S0217732318500992

(41) H. M. Siahaan, Phys. Lett. B **782**, 594-601 (2018) doi:10.1016/j.physletb.2018.06.004 [arXiv:1805.07790 [hep-th]].

(42) F. Canfora, E. F. Eiroa and C. M. Sendra, Eur. Phys. J. C **78**, no.8, 659 (2018) doi:10.1140/epjc/s10052-018-6142-0 [arXiv:1805.03626 [gr-qc]].

(43) S. Chen, L. Zhang and J. Jing, Eur. Phys. J. C **78**, no.11, 981 (2018) doi:10.1140/epjc/s10052-018-6466-9 [arXiv:1804.05004 [gr-qc]].

(44) R. Uniyal, H. Nandan and P. Jetzer, Phys. Lett. B **782**, 185-192 (2018) doi:10.1016/j.physletb.2018.05.006 [arXiv:1803.04268 [gr-qc]].

(45) L. Zhang, S. Chen and J. Jing, Int. J. Mod. Phys. D **27**, no.12, 1850110 (2018) doi:10.1142/S0218271818501109 [arXiv:1712.00160 [gr-qc]].

(46) J. Badía and E. F. Eiroa, Eur. Phys. J. C **77**, no.11, 779 (2017) doi:10.1140/epjc/s10052-017-5376-6 [arXiv:1707.02970 [gr-qc]].

(47) W. Pervaiz, Strong gravitational lensing of Schwazschild - de Sitter metric, Proc. 14th Regional Conference on Mathematical Physics, Quaid-i-Azam Islamabad, WSP (2017)

(48) R. Shaikh and S. Kar, Phys. Rev. D **96**, no.4, 044037 (2017) doi:10.1103/PhysRevD.96.044037 [arXiv:1705.11008 [gr-qc]].

(49) S. S. Zhao and Y. Xie, Eur. Phys. J. C **77**, no.5, 272 (2017) doi:10.1140/epjc/s10052-017-4850-5 [arXiv:1704.02434 [gr-qc]].

(50) R. Zhang, J. Jing and S. Chen, Phys. Rev. D **95**, no.6, 064054 (2017) doi:10.1103/PhysRevD.95.064054 [arXiv:1805.02330 [gr-qc]].

(51) R. Zhang and J. Jing, [arXiv:1703.08758 [gr-qc]].

(52) J. Badía,"Agujeros negros como lentes gravitatorias en teorías alternativas," PhD thesis (2017)

(53) N. Tsukamoto and Y. Gong, Phys. Rev. D **95**, no.6, 064034 (2017) doi:10.1103/PhysRevD.95.064034 [arXiv:1612.08250 [gr-qc]].

(54) N. Tsukamoto, Phys. Rev. D **95**, no.6, 064035 (2017) doi:10.1103/PhysRevD.95.064035 [arXiv:1612.08251 [gr-qc]].

(55) S. Chen, S. Wang, Y. Huang, J. Jing and S. Wang, Phys. Rev. D **95**, no.10, 104017 (2017) doi:10.1103/PhysRevD.95.104017 [arXiv:1611.08783 [gr-qc]].

(56) S. Dastan, R. Saffari and S. Soroushfar, [arXiv:1610.09477 [gr-qc]].

(57) C. Q. Liu, C. K. Ding and J. L. Jing, Chin. Phys. Lett. **34**, no.9, 090401 (2017) doi:10.1088/0256-307X/34/9/090401 [arXiv:1610.02128 [gr-qc]].

(58) S. Wang, S. Chen and J. Jing, JCAP **11**, 020 (2016) doi:10.1088/1475-7516/2016/11/020 [arXiv:1609.00802 [gr-qc]].

(59) F. Zhao, J. Tang and F. He, Phys. Rev. D **93**, no.12, 123017 (2016) doi:10.1103/PhysRevD.93.123017

(60) X. Lu, F. W. Yang and Y. Xie, Eur. Phys. J. C **76**, no.7, 357 (2016) doi:10.1140/epjc/s10052-016-4218-2 [arXiv:1606.02932 [gr-qc]].

(61) S. S. Zhao and Y. Xie, JCAP **07**, 007 (2016) doi:10.1088/1475-7516/2016/07/007 [arXiv:1603.00637 [gr-qc]].

(62) D. Coglitore, "NANOPARTICLE DYNAMICS IN SIMPLE FLUIDS," PhD thesis, University of Liverpool (2016)

(63) M. Sharif and S. Iftikhar, Astrophys. Space Sci. **361**, no.1, 36 (2016) doi:10.1007/s10509-015-2623-x

(64) S. W. Wei, Y. X. Liu and C. E. Fu, Adv. High Energy Phys. **2015**, 454217 (2015) doi:10.1155/2015/454217 [arXiv:1510.02560 [gr-qc]].

(65) U. Debnath, Mod. Phys. Lett. A **35**, no.07, 2050033 (2019) doi:10.1142/S0217732320500339 [arXiv:1508.02385 [gr-qc]].

(66) J. L. Geng, Y. Zhang, E. K. Li and P. F. Duan, Astrophys. Space Sci. **357**, no.2, 122 (2015) doi:10.1007/s10509-015-2350-3

(67) G. Li, B. Cao, Z. Feng and X. Zu, Int. J. Theor. Phys. **54**, no.9, 3103-3114 (2015) [erratum: Int. J. Theor. Phys. **54**, no.10, 3864-3865 (2015)] doi:10.1007/s10773-015-2545-y [arXiv:1506.08410 [gr-qc]].

(68) S. Chen and J. Jing, JCAP **10**, 002 (2015) doi:10.1088/1475-7516/2015/10/002 [arXiv:1502.01088 [gr-qc]].

(69) F. Zhao and J. Tang, Phys. Rev. D **92**, no.8, 083011 (2015) doi:10.1103/PhysRevD.92.083011

(70) G. Li, Y. Zhang, L. Zhang, Z. Feng and X. Zu, Int. J. Theor. Phys. **54**, no.4, 1245-1252 (2015) [erratum: Int. J. Theor. Phys. **54**, no.10, 3862-3863 (2015)] doi:10.1007/s10773-014-2321-4 [arXiv:1507.03942 [physics.gen-ph]].

(71) E. F. Eiroa and C. M. Sendra, Eur. Phys. J. C **74**, no.11, 3171 (2014) doi:10.1140/epjc/s10052-014-3171-1 [arXiv:1408.3390 [gr-qc]].

(72) L. Ji, S. Chen and J. Jing, JHEP **03**, 089 (2014) doi:10.1007/JHEP03(2014)089 [arXiv:1312.4128 [gr-qc]].

(73) S. W. Wei and Y. X. Liu, JCAP **11**, 063 (2013) doi:10.1088/1475-7516/2013/11/063 [arXiv:1311.4251 [gr-qc]].

(74) E. F. Eiroa and C. M. Sendra, Phys. Rev. D **88**, no.10, 103007 (2013) doi:10.1103/PhysRevD.88.103007 [arXiv:1308.5959 [gr-qc]].

(75) L. Amarilla and E. F. Eiroa, Phys. Rev. D **87**, no.4, 044057 (2013) doi:10.1103/PhysRevD.87.044057 [arXiv:1301.0532 [gr-qc]].

(76) L. Amarilla,"Sombras de agujeros negros en teorías alternativas de gravitación,"PhD thesis (2013)

(77) C. Liu, S. Chen and J. Jing, JHEP **08**, 097 (2012) doi:10.1007/JHEP08(2012)097 [arXiv:1208.1072 [gr-qc]].

(78) E. F. Eiroa and C. M. Sendra, Phys. Rev. D **86**, 083009 (2012) doi:10.1103/PhysRevD.86.083009 [arXiv:1207.5502 [gr-qc]].

(79) S. Chen and J. Jing, Phys. Rev. D **85**, 124029 (2012) doi:10.1103/PhysRevD.85.124029 [arXiv:1204.2468 [gr-qc]].

(80) G. Abbas, Fate of gravitational collapse in electromagnetic theory, PhD Thesis, University of the Punjab (2012).

(81) S. W. Wei and Y. X. Liu, Phys. Rev. D **85**, 064044 (2012) doi:10.1103/PhysRevD.85.064044 [arXiv:1107.3023 [hep-th]].

(82) Z. Horvath, L. A. Gergely, Z. Keresztes, T. Harko and F. S. N. Lobo, Phys. Rev. D **84**, 083006 (2011) doi:10.1103/PhysRevD.84.083006 [arXiv:1105.0765 [gr-qc]].

(83) S. W. Wei, Y. X. Liu, C. E. Fu and K. Yang, JCAP **10**, 053 (2012) doi:10.1088/1475-7516/2012/10/053 [arXiv:1104.0776 [hep-th]].

(84) S. Chen, Y. Liu and J. Jing, Phys. Rev. D **83**, 124019 (2011) doi:10.1103/PhysRevD.83.124019 [arXiv:1102.0086 [gr-qc]].

(85) E. F. Eiroa and C. M. Sendra, Class. Quant. Grav. **28**, 085008 (2011) doi:10.1088/0264-9381/28/8/085008 [arXiv:1011.2455 [gr-qc]].

(86) S. Chen and J. Jing, Class. Quant. Grav. **27**, 225006 (2010) doi:10.1088/0264-9381/27/22/225006 [arXiv:1005.1325 [gr-qc]].

(87) V. Bozza, Gen. Rel. Grav. **42**, 2269-2300 (2010) doi:10.1007/s10714-010-0988-2 [arXiv:0911.2187 [gr-qc]].

(88) A. N. Aliev and P. Talazan, Phys. Rev. D **80**, 044023 (2009) doi:10.1103/PhysRevD.80.044023 [arXiv:0906.1465 [gr-qc]].

(89) R. A. Konoplya, Phys. Lett. B **679**, 499-503 (2009) doi:10.1016/j.physletb.2009.07.073 [arXiv:0905.1523 [hep-th]].

(90) S. b. Chen and J. l. Jing, Phys. Rev. D **80**, 024036 (2009) doi:10.1103/PhysRevD.80.024036 [arXiv:0905.2055 [gr-qc]].

(91) A. M. Ghezelbash, JHEP **08**, 045 (2009) doi:10.1088/1126-6708/2009/08/045 [arXiv:0901.1670 [hep-th]].

(92) D. Y. Chen and X. T. Zu, Mod. Phys. Lett. A **24**, 1159-1165 (2009) doi:10.1142/S0217732309027133

(93) K. S. Virbhadra, Phys. Rev. D **79**, 083004 (2009) doi:10.1103/PhysRevD.79.083004 [arXiv:0810.2109 [gr-qc]].

(94) K. Hioki and U. Miyamoto, Phys. Rev. D **78**, 044007 (2008) doi:10.1103/PhysRevD.78.044007 [arXiv:0805.3146 [gr-qc]].

(95) E. F. Eiroa and G. E. Romero, Phys. Lett. B **663**, 377-381 (2008) doi:10.1016/j.physletb.2008.04.016 [arXiv:0802.4251 [astro-ph]].

(96) K. Hioki and U. Miyamoto, "Apparent shapes of charged rotating black holes and naked singularities," Proceedings, 17th Workshop on General Relativity and Gravitation in Japan (JGRG17) : Nagoya, Japan, December 3-7, 2007, 241-244

(97) K. S. Virbhadra and C. R. Keeton, Phys. Rev. D **77**, 124014 (2008) doi:10.1103/PhysRevD.77.124014 [arXiv:0710.2333 [gr-qc]].

(98) V. Bozza, Nuovo Cim. B **122**, 547-556 (2007) doi:10.1393/ncb/i2007-10378-6 [arXiv:0710.5607 [gr-qc]].

(99) V. Bozza and G. Scarpetta, Phys. Rev. D **76**, 083008 (2007) doi:10.1103/PhysRevD.76.083008 [arXiv:0705.0246 [gr-qc]].

(100) P. Amore, M. Cervantes, A. De Pace and F. M. Fernandez, Phys. Rev. D **75**, 083005 (2007) doi:10.1103/PhysRevD.75.083005 [arXiv:gr-qc/0610153 [gr-qc]].

A.125. **S. S. Yazadjiev**, "Rotating dyonic dipole black rings: Exact solutions and thermodynamics," Gen. Rel. Grav. **39**, 601 (2007)

[hep-th/0607101].

Забелязани независими цитати:

(1) K. Matsuno, H. Ishihara, M. Kimura and T. Tatsuoka, Phys. Rev. D **86**, 104054 (2012) doi:10.1103/PhysRevD.86.104054 [arXiv:1208.5536 [hep-th]].

(2) D. V. Gal'tsov and N. G. Scherbluk, Phys. Rev. D **81**, 044028 (2010) doi:10.1103/PhysRevD.81.044028 [arXiv:0912.2771 [hep-th]].

(3) Щерблюк Н., *Точньи решения в пятимерньих и шестимерньих супергравитациях*, PhD thesis, МГУ, Москва (2010)

(4) C. Stelea, K. Schleich and D. Witt, Phys. Rev. D **83**, 084037 (2011) doi:10.1103/PhysRevD.83.084037 [arXiv:0909.3835 [hep-th]].

(5) D. V. Gal'tsov and N. G. Scherbluk, Phys. Rev. D **78**, 064033 (2008) doi:10.1103/PhysRevD.78.064033 [arXiv:0805.3924 [hep-th]].

(6) K. Izumi, Prog. Theor. Phys. **119**, 757-774 (2008) doi:10.1143/PTP.119.757 [arXiv:0712.0902 [hep-th]].

(7) A. Bouchareb, G. Clement, C. M. Chen, D. V. Gal'tsov, N. G. Scherbluk and T. Wolf, Phys. Rev. D **76**, 104032 (2007) [erratum: Phys. Rev. D **78**, 029901 (2008)] doi:10.1103/PhysRevD.76.104032 [arXiv:0708.2361 [hep-th]].

(8) Figueras P., Aspectes Classics i Quantics de Forats Negres en Diverses Dimensions, PhD thesis, Departament de Fisica Fonamental, Grup de Cosmologia i Gravitacio, Universitat de Barcelona (2007)

(9) A. N. Aliev, Phys. Rev. D **75**, 084041 (2007) doi:10.1103/PhysRevD.75.084041 [arXiv:hep-th/0702129 [hep-th]].

(10) H. Elvang and P. Figueras, JHEP **05**, 050 (2007) doi:10.1088/1126-6708/2007/05/050 [arXiv:hep-th/0701035 [hep-th]].

A.126. **S. S. Yazadjiev**, "Dilaton black holes with squashed horizons and their thermodynamics," Phys. Rev. D **74**, 024022 (2006)

[hep-th/0605271].

Забелязани независими цитати:

(1) Y. Brihaye, C. Herdeiro, J. P. A. Novo and E. Radu, JHEP **01**, 181 (2024) doi:10.1007/JHEP01(2024)181 [arXiv:2312.02280 [gr-qc]].

(2) J. J. Peng, Eur. Phys. J. C **77**, no.10, 706 (2017) doi:10.1140/epjc/s10052-017-5290-y

(3) J. W. Hu, J. H. Wu and X. M. Liu, Int. J. Theor. Phys. **56**, no.2, 480-493 (2017) doi:10.1007/s10773-016-3189-2

(4) J. J. Peng, W. C. Xiang and S. H. Cai, Chin. Phys. Lett. **33**, no.8, 080401 (2016) doi:10.1088/0256-307X/33/8/080401

(5) X. D. Zhu, D. Wu, S. Q. Wu and S. Z. Yang, Gen. Rel. Grav. **48**, no.12, 154 (2016) doi:10.1007/s10714-016-2149-8 [arXiv:1606.02414 [hep-th]].

(6) Y. Kanou, H. Ishihara, M. Kimura, K. Matsuno and T. Tatsuoka, Phys. Rev. D **90**, no.8, 084004 (2014) doi:10.1103/PhysRevD.90.084004 [arXiv:1408.2956 [hep-th]].

(7) M. Kimura, H. Ishihara, K. Matsuno and T. Tanaka, Class. Quant. Grav. **32**, no.1, 015005 (2015) doi:10.1088/0264-9381/32/1/015005 [arXiv:1407.6224 [gr-qc]].

(8) L. Ji, S. Chen and J. Jing, JHEP **03**, 089 (2014) doi:10.1007/JHEP03(2014)089 [arXiv:1312.4128 [gr-qc]].

(9) S. Q. Wu, D. Wen, Q. Q. Jiang and S. Z. Yang, Phys. Lett. B **726**, 404-407 (2013) doi:10.1016/j.physletb.2013.08.019 [arXiv:1311.7222 [hep-th]].

(10) J. Kunz, arXiv:1309.4049 [gr-qc].

(11) K. Matsuno, H. Ishihara, M. Kimura and T. Tatsuoka, Phys. Rev. D **86**, 104054 (2012) doi:10.1103/PhysRevD.86.104054 [arXiv:1208.5536 [hep-th]].

(12) K. Matsuno, H. Ishihara, M. Kimura and T. Tatsuoka, Phys. Rev. D **86**, 044036 (2012) doi:10.1103/PhysRevD.86.044036 [arXiv:1206.4818 [hep-th]].

(13) T. Tatsuoka, H. Ishihara, M. Kimura and K. Matsuno, Phys. Rev. D **85**, 044006 (2012) doi:10.1103/PhysRevD.85.044006 [arXiv:1110.6731 [hep-th]].

(14) S. Chen and J. Jing, Phys. Lett. B **704**, 641-645 (2011) doi:10.1016/j.physletb.2011.09.071 [arXiv:1106.5183 [gr-qc]].

(15) D. J. Qi, Commun. Theor. Phys. **56**, 1171-1174 (2011) doi:10.1088/0253-6102/56/6/35

(16) M. Allahverdizadeh, J. Kunz and F. Navarro-Lerida, Phys. Rev. D **82**, 064034 (2010) doi:10.1103/PhysRevD.82.064034 [arXiv:1007.4250 [gr-qc]].

(17) R. Nishikawa and M. Kimura, Class. Quant. Grav. **27**, 215020 (2010) doi:10.1088/0264-9381/27/21/215020 [arXiv:1005.1367 [hep-th]].

(18) Y. Liu, S. Chen and J. Jing, Phys. Rev. D **81**, 124017 (2010) doi:10.1103/PhysRevD.81.124017 [arXiv:1003.1429 [gr-qc]].

(19) J. J. Peng and S. Q. Wu, Nucl. Phys. B **828**, 273-288 (2010) doi:10.1016/j.nuclphysb.2009.11.019 [arXiv:0911.5070 [hep-th]].

(20) K. Matsuno and H. Ishihara, Phys. Rev. D **80**, 104037 (2009) doi:10.1103/PhysRevD.80.104037 [arXiv:0909.0134 [hep-th]].

(21) M. Allahverdizadeh and K. Matsuno, Phys. Rev. D **81**, 044001 (2010) doi:10.1103/PhysRevD.81.044001 [arXiv:0908.2484 [hep-th]].

(22) H. Ishihara, M. Kimura, R. A. Konoplya, K. Murata, J. Soda and A. Zhidenko, Phys. Rev. D **77**, 084019 (2008) doi:10.1103/PhysRevD.77.084019 [arXiv:0802.0655 [hep-th]].

(23) M. Kimura, K. Murata, H. Ishihara and J. Soda, Phys. Rev. D **77**, 064015 (2008) [erratum: Phys. Rev. D **96**, no.8, 089902 (2017)] doi:10.1103/PhysRevD.77.064015 [arXiv:0712.4202 [hep-th]].

(24) S. Chen, B. Wang and R. K. Su, Phys. Rev. D **77**, 024039 (2008) doi:10.1103/PhysRevD.77.024039 [arXiv:0710.3240 [hep-th]].

(25) K. Matsuno, H. Ishihara, M. Kimura and S. Tomizawa, Phys. Rev. D **76**, 104037 (2007) doi:10.1103/PhysRevD.76.104037 [arXiv:0707.1757 [hep-th]].

(26) E. Radu and M. Visinescu, Mod. Phys. Lett. A **22**, 1621-1634 (2007) doi:10.1142/S0217732307024127 [arXiv:0706.0992 [gr-qc]].

(27) A. N. Aliev, Phys. Rev. D **75**, 084041 (2007) doi:10.1103/PhysRevD.75.084041 [arXiv:hep-th/0702129 [hep-th]].

(28) D. Ida, H. Ishihara, M. Kimura, K. Matsuno, Y. Morisawa and S. Tomizawa, Class. Quant. Grav. **24**, 3141-3150 (2007) doi:10.1088/0264-9381/24/13/001 [arXiv:hep-th/0702148 [hep-th]].

(29) H. Ishihara and J. Soda, Phys. Rev. D **76**, 064022 (2007) doi:10.1103/PhysRevD.76.064022 [arXiv:hep-th/0702180 [hep-th]].

(30) D. Astefanesei, R. B. Mann and C. Stelea, Phys. Rev. D **75**, 024007 (2007) doi:10.1103/PhysRevD.75.024007 [arXiv:hep-th/0608037 [hep-th]].

(31) Y. Brihaye and E. Radu, Phys. Lett. B **641**, 212-220 (2006) doi:10.1016/j.physletb.2006.08.010 [arXiv:hep-th/0606228 [hep-th]].

A.127. **S. S. Yazadjiev**, "Solution generating in 5D Einstein-Maxwell-dilaton gravity and derivation of dipole black ring solutions," JHEP **0607**, 036 (2006)

[hep-th/0604140].

Забелязани независими цитати:

(1) S. R. Salem, [arXiv:2301.05878 [hep-th]].

(2) C. Knoll and P. Nedkova, Phys. Rev. D **93**, no.6, 064052 (2016) doi:10.1103/PhysRevD.93.064052 [arXiv:1512.01494 [gr-qc]].

(3) S. Abdolrahimi, J. Kunz and P. Nedkova, Phys. Rev. D **91**, no.6, 064068 (2015) doi:10.1103/PhysRevD.91.06 [arXiv:1412.5416 [gr-qc]].

(4) A. Ghodsi, H. Golchin and M. M. Sheikh-Jabbari, JHEP **09**, 036 (2014) doi:10.1007/JHEP09(2014)036 [arXiv:1407.7484 [hep-th]].

(5) S. Grunau, Phys. Rev. D **90**, no.6, 064022 (2014) doi:10.1103/PhysRevD.90.064022 [arXiv:1407.2009 [gr-qc]].

(6) S. Abdolrahimi and A. A. Shoom, Phys. Rev. D **89**, no.2, 024040 (2014) doi:10.1103/PhysRevD.89.024040 [arXiv:1307.4406 [gr-qc]].

(7) Hong K., Black Rings in Five Dimensions, PhD thesis, DEPARTMENT OF PHYSICS, NATIONAL UNIVERSITY OF SINGAPORE (2013); scholarbank.nus.sg

(8) J. V. Rocha, M. J. Rodriguez, O. Varela and A. Virmani, Gen. Rel. Grav. **45**, 2099-2121 (2013) doi:10.1007/s10714-013-1586-x [arXiv:1305.4969 [hep-th]].

(9) T. Mohaupt and O. Vaughan, Springer Proc. Phys. **144**, 233-254 (2013) doi:10.1007/978-3-319-00215-6_6 [arXiv:1208.4302 [hep-th]].

(10) A. Feldman and A. A. Pomeransky, JHEP **07**, 141 (2012) doi:10.1007/JHEP07(2012)141 [arXiv:1206.1026 [hep-th]].

(11) J. V. Rocha, M. J. Rodriguez and O. Varela, JHEP **12**, 121 (2012) doi:10.1007/JHEP12(2012)121 [arXiv:1205.0527 [hep-th]].

(12) Y. Chen, K. Hong and E. Teo, JHEP **06**, 148 (2012) doi:10.1007/JHEP06(2012)148 [arXiv:1204.5785 [hep-th]].

(13) J. V. Rocha, M. J. Rodriguez and A. Virmani, JHEP **11**, 008 (2011) doi:10.1007/JHEP11(2011)008 [arXiv:1108.3527 [hep-th]].

(14) A. M. Ghezelbash, Class. Quant. Grav. **27**, 245025 (2010) doi:10.1088/0264-9381/27/24/245025 [arXiv:1011.1433 [hep-th]].

(15) T. Mohaupt and O. Vaughan, Class. Quant. Grav. **27**, 235008 (2010) doi:10.1088/0264-9381/27/23/235008 [arXiv:1006.3439 [hep-th]].

(16) Щерблюк Н., *Точньи решения в пятимерньих и шестимерньих супергравитациях*, PhD thesis, МГУ, Москва (2010)

(17) A. M. Ghezelbash, Phys. Rev. D **81**, 044027 (2010) doi:10.1103/PhysRevD.81.044027 [arXiv:1001.5066 [hep-th]].

(18) K. Waite, PhD thesis "From four dimensional instantons to extremal black holes," University of Liverpool (2010) doi:10.17638/03061514;

(19) D. V. Gal'tsov and N. G. Scherbluk, Phys. Rev. D **81**, 044028 (2010) doi:10.1103/PhysRevD.81.044028 [arXiv:0912.2771 [hep-th]].

(20) C. Stelea, K. Schleich and D. Witt, Phys. Rev. D **83**, 084037 (2011) doi:10.1103/PhysRevD.83.084037 [arXiv:0909.3835 [hep-th]].

(21) D. Astefanesei, R. B. Mann, M. J. Rodriguez and C. Stelea, Class. Quant. Grav. **27**, 165004 (2010) doi:10.1088/0264-9381/27/16/165004 [arXiv:0909.3852 [hep-th]].

(22) T. Mohaupt and K. Waite, JHEP **10**, 058 (2009) doi:10.1088/1126-6708/2009/10/058 [arXiv:0906.3451 [hep-th]].

(23) G. Compere, S. de Buyl, E. Jamsin and A. Virmani, Class. Quant. Grav. **26**, 125016 (2009) doi:10.1088/0264-9381/26/12/125016 [arXiv:0903.1645 [hep-th]].

(24) S. Tomizawa, Y. Yasui and A. Ishibashi, Phys. Rev. D **79**, 124023 (2009) doi:10.1103/PhysRevD.79.124023 [arXiv:0901.4724 [hep-th]].

(25) T. Gleisberg, S. Hoeche, F. Krauss, M. Schonherr, S. Schumann, F. Siegert and J. Winter, JHEP **02**, 007 (2009) doi:10.1088/1126-6708/2009/02/007 [arXiv:0811.4622 [hep-ph]].

(26) J. Hoskisson, Phys. Rev. D **79**, 104022 (2009) doi:10.1103/PhysRevD.79.104022 [arXiv:0808.3000 [hep-th]].

(27) J. Evslin, JHEP **09**, 004 (2008) doi:10.1088/1126-6708/2008/09/004 [arXiv:0806.3389 [hep-th]].

(28) T. Azuma and T. Koikawa, Prog. Theor. Phys. **121**, 627-646 (2009) doi:10.1143/PTP.121.627 [arXiv:0806.4906 [hep-th]].

(29) D. V. Gal'tsov and N. G. Scherbluk, Phys. Rev. D **78**, 064033 (2008) doi:10.1103/PhysRevD.78.064033 [arXiv:0805.3924 [hep-th]].

(30) N. Breton, A. Feinstein and L. A. Lopez, Phys. Rev. D **77**, 124021 (2008) doi:10.1103/PhysRevD.77.124021 [arXiv:0804.1505 [hep-th]].

(31) J. Evslin and C. Krishnan, JHEP **09**, 003 (2008) doi:10.1088/1126-6708/2008/09/003 [arXiv:0804.4575 [hep-th]].

(32) R. Emparan and H. S. Reall, Living Rev. Rel. **11**, 6 (2008) doi:10.12942/lrr-2008-6 [arXiv:0801.3471 [hep-th]].

(33) D. V. Gal'tsov and N. G. Scherbluk, PoS **BHGRS**, 016 (2008) doi:10.22323/1.075.0016 [arXiv:0912.2770 [hep-th]].

(34) K. Izumi, Prog. Theor. Phys. **119**, 757-774 (2008) doi:10.1143/PTP.119.757 [arXiv:0712.0902 [hep-th]].

(35) R. Schofbeck and H. Eberl, Nucl. Phys. B **798**, 146-167 (2008) doi:10.1016/j.nuclphysb.2008.01.023 [arXiv:0711.2731 [hep-ph]].

(36) A. Bouchareb, G. Clement, C. M. Chen, D. V. Gal'tsov, N. G. Scherbluk and T. Wolf, Phys. Rev. D **76**, 104032 (2007) [erratum: Phys. Rev. D **78**, 029901 (2008)] doi:10.1103/PhysRevD.76.104032 [arXiv:0708.2361 [hep-th]].

(37) J. Evslin and C. Krishnan, Class. Quant. Grav. **26**, 125018 (2009) doi:10.1088/0264-9381/26/12/125018 [arXiv:0706.1231 [hep-th]].

(38) A. N. Aliev, Phys. Rev. D **75**, 084041 (2007) doi:10.1103/PhysRevD.75.084041 [arXiv:hep-th/0702129 [hep-th]].

(39) T. Azuma and T. Koikawa, Prog. Theor. Phys. **118**, 35-46 (2007) doi:10.1143/PTP.118.35 [arXiv:hep-th/0702130 [hep-th]].

(40) H. Elvang and P. Figueras, JHEP **05**, 050 (2007) doi:10.1088/1126-6708/2007/05/050 [arXiv:hep-th/0701035 [hep-th]].

(41) H. Iguchi and T. Mishima, Phys. Rev. D **75**, 064018 (2007) [erratum: Phys. Rev. D **78**, 069903 (2008)] doi:10.1103/PhysRevD.78.069903 [arXiv:hep-th/0701043 [hep-th]].

(42) R. Emparan and H. S. Reall, Class. Quant. Grav. **23**, R169 (2006) doi:10.1088/0264-9381/23/20/R01 [arXiv:hep-th/0608012 [hep-th]].

(43) Figueras P., Aspectes Classics i Quantics de Forats Negres en Diverses Dimensions, PhD thesis, Departament de Fisica Fonamental, Grup de Cosmologia i Gravitacio, Universitat de Barcelona (2007)

(44) Yu, C., Black holes in five dimensions with $R \times U^2(1)$ isometry, PhD thesis, NATIONAL UNIVERSITY OF SINGAPORE (2010); scholarbank.nus.edu.sg

(45) J. Kunz, D. Maison, F. Navarro-Lerida and J. Viebahn, Phys. Lett. B **639**, 95-100 (2006) doi:10.1016/j.physletb.2006.06.024 [arXiv:hep-th/0606005 [hep-th]].

A.128. **S. S. Yazadjiev**, "Completely integrable sector in 5-D Einstein-Maxwell gravity and derivation of the dipole black ring solutions," Phys. Rev. D **73**, 104007 (2006)

[hep-th/0602116].

Забелязани независими цитати:

(1) A. Viganò, [arXiv:2211.00436 [gr-qc]].

(2) C. Knoll and P. Nedkova, Phys. Rev. D **93**, no.6, 064052 (2016) doi:10.1103/PhysRevD.93.064052 [arXiv:1512.01494 [gr-qc]].

(3) A. Ghodsi, H. Golchin and M. M. Sheikh-Jabbari, JHEP **09**, 036 (2014) doi:10.1007/JHEP09(2014)036 [arXiv:1407.7484 [hep-th]].

(4) S. S. Kumar, S. Ghosh and S. Shankaranarayanan, Phys. Rev. D **89**, no.6, 065019 (2014) doi:10.1103/PhysRevD.89.065019 [arXiv:1401.2839 [hep-th]].

(5) S. Abdolrahimi and A. A. Shoom, Phys. Rev. D **89**, no.2, 024040 (2014) doi:10.1103/PhysRevD.89.024040 [arXiv:1307.4406 [gr-qc]].

(6) J. V. Rocha, M. J. Rodriguez, O. Varela and A. Virmani, Gen. Rel. Grav. **45**, 2099-2121 (2013) doi:10.1007/s10714-013-1586-x [arXiv:1305.4969 [hep-th]].

(7) T. Mohaupt and O. Vaughan, Springer Proc. Phys. **144**, 233-254 (2013) doi:10.1007/978-3-319-00215-6_6 [arXiv:1208.4302 [hep-th]].

(8) A. Dimakis and F. Mueller-Hoissen, SIGMA **9**, 009 (2013) doi:10.3842/SIGMA.2013.009 [arXiv:1207.1308 [nlin.SI]].

(9) A. Feldman and A. A. Pomeransky, JHEP **07**, 141 (2012) doi:10.1007/JHEP07(2012)141 [arXiv:1206.1026 [hep-th]].

(10) J. V. Rocha, M. J. Rodriguez and O. Varela, JHEP **12**, 121 (2012) doi:10.1007/JHEP12(2012)121 [arXiv:1205.0527 [hep-th]].

(11) Y. Chen, K. Hong and E. Teo, JHEP **06**, 148 (2012) doi:10.1007/JHEP06(2012)148 [arXiv:1204.5785 [hep-th]].

(12) S. Mizoguchi and S. Tomizawa, Phys. Rev. D **86**, 024022 (2012) doi:10.1103/PhysRevD.86.024022 [arXiv:1201.3063 [hep-th]].

(13) J. V. Rocha, M. J. Rodriguez and A. Virmani, JHEP **11**, 008 (2011) doi:10.1007/JHEP11(2011)008 [arXiv:1108.3527 [hep-th]].

(14) Y. Brihaye, E. Radu and D. H. Tchrakian, Phys. Rev. D **84**, 064015 (2011) doi:10.1103/PhysRevD.84.064015 [arXiv:1104.2830 [hep-th]].

(15) G. A. Alekseev, doi:10.1142/9789814374552_0033 [arXiv:1011.3846 [gr-qc]].

(16) S. Tomizawa, [arXiv:1009.3568 [hep-th]].

(17) S. Tomizawa, Phys. Rev. D **82**, 104047 (2010) doi:10.1103/PhysRevD.82.104047 [arXiv:1007.1183 [hep-th]].

(18) T. Mohaupt and O. Vaughan, Class. Quant. Grav. **27**, 235008 (2010) doi:10.1088/0264-9381/27/23/235008 [arXiv:1006.3439 [hep-th]].

(19) A. M. Ghezelbash, Phys. Rev. D **81**, 044027 (2010) doi:10.1103/PhysRevD.81.044027 [arXiv:1001.5066 [hep-th]].

(20) D. V. Gal'tsov and N. G. Scherbluk, Phys. Rev. D **81**, 044028 (2010) doi:10.1103/PhysRevD.81.044028 [arXiv:0912.2771 [hep-th]].

(21) P. Figueras, E. Jamsin, J. V. Rocha and A. Virmani, Class. Quant. Grav. **27**, 135011 (2010) doi:10.1088/0264-9381/27/13/135011 [arXiv:0912.3199 [hep-th]].

(22) S. Tomizawa, Y. Yasui and A. Ishibashi, Phys. Rev. D **81**, 084037 (2010) doi:10.1103/PhysRevD.81.084037 [arXiv:0911.4309 [hep-th]].

(23) C. Stelea, K. Schleich and D. Witt, Phys. Rev. D **83**, 084037 (2011) doi:10.1103/PhysRevD.83.084037 [arXiv:0909.3835 [hep-th]].

(24) T. Mohaupt and K. Waite, JHEP **10**, 058 (2009) doi:10.1088/1126-6708/2009/10/058 [arXiv:0906.3451 [hep-th]].

(25) B. Kleihaus, J. Kunz and E. Radu, Phys. Lett. B **678**, 301-307 (2009) doi:10.1016/j.physletb.2009.06.039 [arXiv:0904.2723 [hep-th]].

(26) G. Compere, S. de Buyl, E. Jamsin and A. Virmani, Class. Quant. Grav. **26**, 125016 (2009) doi:10.1088/0264-9381/26/12/125016 [arXiv:0903.1645 [hep-th]].

(27) Y. X. Chen and Y. Q. Wang, Nucl. Phys. B **829**, 161-175 (2010) doi:10.1016/j.nuclphysb.2009.12.008 [arXiv:0901.1939 [hep-th]].

(28) S. Tomizawa, Y. Yasui and A. Ishibashi, Phys. Rev. D **79**, 124023 (2009) doi:10.1103/PhysRevD.79.124023 [arXiv:0901.4724 [hep-th]].

(29) B. Chng, R. B. Mann, E. Radu and C. Stelea, JHEP **12**, 009 (2008) doi:10.1088/1126-6708/2008/12/009 [arXiv:0809.0154 [hep-th]].

(30) J. Evslin, JHEP **09**, 004 (2008) doi:10.1088/1126-6708/2008/09/004 [arXiv:0806.3389 [hep-th]].

(31) T. Azuma and T. Koikawa, Prog. Theor. Phys. **121**, 627-646 (2009) doi:10.1143/PTP.121.627 [arXiv:0806.4906 [hep-th]].

(32) D. V. Gal'tsov and N. G. Scherbluk, Phys. Rev. D **78**, 064033 (2008) doi:10.1103/PhysRevD.78.064033 [arXiv:0805.3924 [hep-th]].

(33) N. Breton, A. Feinstein and L. A. Lopez, Phys. Rev. D **77**, 124021 (2008) doi:10.1103/PhysRevD.77.124021 [arXiv:0804.1505 [hep-th]].

(34) J. Evslin and C. Krishnan, JHEP **09**, 003 (2008) doi:10.1088/1126-6708/2008/09/003 [arXiv:0804.4575 [hep-th]].

(35) R. Emparan and H. S. Reall, Living Rev. Rel. **11**, 6 (2008) doi:10.12942/lrr-2008-6 [arXiv:0801.3471 [hep-th]].

(36) D. V. Gal'tsov and N. G. Scherbluk, PoS **BHGRS**, 016 (2008) doi:10.22323/1.075.0016 [arXiv:0912.2770 [hep-th]].

(37) K. Izumi, Prog. Theor. Phys. **119**, 757-774 (2008) doi:10.1143/PTP.119.757 [arXiv:0712.0902 [hep-th]].

(38) A. Bouchareb, G. Clement, C. M. Chen, D. V. Gal'tsov, N. G. Scherbluk and T. Wolf, Phys. Rev. D **76**, 104032 (2007) [erratum: Phys. Rev. D **78**, 029901 (2008)] doi:10.1103/PhysRevD.76.104032 [arXiv:0708.2361 [hep-th]].

(39) J. Evslin and C. Krishnan, Class. Quant. Grav. **26**, 125018 (2009) doi:10.1088/0264-9381/26/12/125018 [arXiv:0706.1231 [hep-th]].

(40) U. Miyamoto and K. Murata, Phys. Rev. D **77**, 024020 (2008) doi:10.1103/PhysRevD.77.024020 [arXiv:0705.3150 [hep-th]].

(41) A. N. Aliev, Phys. Rev. D **75**, 084041 (2007) doi:10.1103/PhysRevD.75.084041 [arXiv:hep-th/0702129 [hep-th]].

(42) T. Azuma and T. Koikawa, Prog. Theor. Phys. **118**, 35-46 (2007) doi:10.1143/PTP.118.35 [arXiv:hep-th/0702130 [hep-th]].

(43) H. Elvang and P. Figueras, JHEP **05**, 050 (2007) doi:10.1088/1126-6708/2007/05/050 [arXiv:hep-th/0701035 [hep-th]].

(44) H. Iguchi and T. Mishima, Phys. Rev. D **75**, 064018 (2007) [erratum: Phys. Rev. D **78**, 069903 (2008)] doi:10.1103/PhysRevD.78.069903 [arXiv:hep-th/0701043 [hep-th]].

(45) C. S. Chu and S. H. Dai, Phys. Rev. D **75**, 064016 (2007) doi:10.1103/PhysRevD.75.064016 [arXiv:hep-th/0611325 [hep-th]].

(46) J. Kunz and F. Navarro-Lerida, Phys. Lett. B **643**, 55-63 (2006) doi:10.1016/j.physletb.2006.10.025 [arXiv:hep-th/0610036 [hep-th]].

(47) J. Kunz and F. Navarro-Lerida, Mod. Phys. Lett. A **21**, 2621-2636 (2006) doi:10.1142/S0217732306021864 [arXiv:hep-th/0610075 [hep-th]].

(48) R. Emparan and H. S. Reall, Class. Quant. Grav. **23**, R169 (2006) doi:10.1088/0264-9381/23/20/R01 [arXiv:hep-th/0608012 [hep-th]].

(49) J. Kunz, D. Maison, F. Navarro-Lerida and J. Viebahn, Phys. Lett. B **639**, 95-100 (2006) doi:10.1016/j.physletb.2006.06.024 [arXiv:hep-th/0606005 [hep-th]].

(50) J. Kunz, F. Navarro-Lerida and J. Viebahn, Phys. Lett. B **639**, 362-367 (2006) doi:10.1016/j.physletb.2006.0 [arXiv:hep-th/0605075 [hep-th]].

(51) H. Iguchi and T. Mishima, Phys. Rev. D **74**, 024029 (2006) doi:10.1103/PhysRevD.74.024029 [arXiv:hep-th/0605090 [hep-th]].

A.129. **S. S. Yazadjiev**, "Generating dyonic solutions in 5D Einstein-dilaton gravity with antisymmetric forms and dyonic black rings," Phys. Rev. D **73**, 124032 (2006)

[hep-th/0512229].

Забелязани независими цитати:

(1) A. Zadora, D. V. Gal'tsov and C. M. Chen, Phys. Lett. B **779**, 249-256 (2018) doi:10.1016/j.physletb.2018.02 [arXiv:1712.06570 [hep-th]].

(2) M. Rogatko and K. I. Wysokinski, JHEP **01**, 078 (2018) doi:10.1007/JHEP01(2018)078 [arXiv:1712.01608 [hep-th]].

(3) A. Sepehri, R. Pincak, A. Pradhan and A. Beesham, Grav. Cosmol. **23**, no.3, 219-229 (2017) doi:10.1134/S0202289317030136

(4) J. J. Peng, Int. J. Mod. Phys. A **31**, no.11, 1650060 (2016) doi:10.1142/S0217751X16500603 [arXiv:1604.06619 [gr-qc]].

(5) A. Sepehri, F. Rahaman, S. Capozziello, A. F. Ali and A. Pradhan, Int. J. Geom. Meth. Mod. Phys. **14**, no.07, 1750099 (2017) doi:10.1142/S0219887817500992 [arXiv:1603.00350 [hep-th]].

(6) J. A. Fitzhardinge-Berkeley, PhD thesis"Solution-generating transformations in duality-invariant theories and the fluid/gravity correspondence,", Queen Mary University of London (2015); [arXiv:1511.00995 [hep-th]].

(7) T. Mohaupt and O. Vaughan, Springer Proc. Phys. **144**, 233-254 (2013) doi:10.1007/978-3-319-00215-6_6 [arXiv:1208.4302 [hep-th]].

(8) N. Barbosa-Cendejas, A. Herrera-Aguilar, K. Kanakoglou and J. E. Paschalis, Electron. J. Theor. Phys. **8**, S17-S30 (2011) [arXiv:1103.2433 [hep-th]].

(9) B. Gouteraux, [arXiv:1011.4941 [hep-th]].

(10) T. Mohaupt and O. Vaughan, Class. Quant. Grav. **27**, 235008 (2010) doi:10.1088/0264-9381/27/23/235008 [arXiv:1006.3439 [hep-th]].

(11) T. Mohaupt and K. Waite, JHEP **10**, 058 (2009) doi:10.1088/1126-6708/2009/10/058 [arXiv:0906.3451 [hep-th]].

(12) R. Emparan and H. S. Reall, Living Rev. Rel. **11**, 6 (2008) doi:10.12942/lrr-2008-6 [arXiv:0801.3471 [hep-th]].

(13) H. Iguchi and T. Mishima, Phys. Rev. D **74**, 024029 (2006) doi:10.1103/PhysRevD.74.024029 [arXiv:hep-th/0605090 [hep-th]].

A.130. **S. S. Yazadjiev**, "Magnetized black holes and black rings in the higher dimensional dilaton gravity," Phys. Rev. D **73**, 064008 (2006)

[gr-qc/0511114].

Забелязани независими цитати:

(1) M. Rogatko, Phys. Rev. D **108**, no.6, 064026 (2023) doi:10.1103/PhysRevD.108.064026 [arXiv:2309.08350 [gr-qc]].

(2) Y. Brihaye, C. Herdeiro and E. Radu, JHEP **10**, 153 (2022) doi:10.1007/JHEP10(2022)153 [arXiv:2207.13114 [gr-qc]].

(3) Y. K. Lim, [arXiv:2112.14884 [gr-qc]].

(4) Y. K. Lim, Entropy **23**, no.11, 1477 (2021) doi:10.3390/e23111477 [arXiv:2111.05484 [gr-qc]].

(5) V. Karas, J. Svoboda and M. Zajacek, [arXiv:1901.06507 [astro-ph.HE]].

(6) C. Stelea, M. A. Dariescu and C. Dariescu, Phys. Rev. D **108**, no.8, 084034 (2023) doi:10.1103/PhysRevD.108.084034 [arXiv:1810.02235 [gr-qc]].

(7) Y. K. Lim, Phys. Rev. D **98**, no.8, 084022 (2018) doi:10.1103/PhysRevD.98.084022 [arXiv:1807.07199 [gr-qc]].

(8) Y. K. Lim, Phys. Rev. D **95**, no.10, 104008 (2017) doi:10.1103/PhysRevD.95.104008 [arXiv:1702.05201 [gr-qc]].

(9) M. Rogatko, Phys. Rev. D **93**, no.4, 044008 (2016) doi:10.1103/PhysRevD.93.044008 [arXiv:1601.06577 [hep-th]].

(10) D. K. Çiftci and Ö. Delice, J. Math. Phys. **56**, no.7, 072502 (2015) doi:10.1063/1.4926951 [arXiv:1501.06288 [gr-qc]].

(11) L. Y. Kheng, Geometric structure and geodesics of the C-metric, PhD thesis, Dept. of Physics, National University of Singapore (2015);

(12) V. Karas, An introduction to relativistic magnetohydrodynamics, Proceedings of RAGtime 10-13,15-17/20-22/15-17/14-16 September,2008/2009/2010/2011, Opava, Czech Republic (2014);

(13) V. Karas, Stationary electro-vacuum fields around black holes, arXiv:1412.8636 [gr-qc];

(14) B. Kleihaus, J. Kunz and E. Radu, Phys. Lett. B **723**, 182-189 (2013) doi:10.1016/j.physletb.2013.04.053 [arXiv:1303.2190 [gr-qc]].

(15) F. F. Yuan and Y. C. Huang, Commun. Theor. Phys. **60**, 551-555 (2013) doi:10.1088/0253-6102/60/5/07 [arXiv:1301.6548 [hep-th]].

(16) M. Cvetic and G. W. Gibbons, JHEP **07**, 014 (2012) doi:10.1007/JHEP07(2012)014 [arXiv:1201.0601 [hep-th]].

(17) C. Stelea, C. Dariescu and M. A. Dariescu, Phys. Rev. D **84**, 044009 (2011) doi:10.1103/PhysRevD.84.044009 [arXiv:1107.3484 [gr-qc]].

(18) M. Cvetic, G. W. Gibbons and C. N. Pope, Class. Quant. Grav. **28**, 195001 (2011) doi:10.1088/0264-9381/28/19/195001 [arXiv:1104.4504 [hep-th]].

(19) N. Barbosa-Cendejas, A. Herrera-Aguilar, K. Kanakoglou and J. E. Paschalis, Electron. J. Theor. Phys. **8**, S17-S30 (2011) [arXiv:1103.2433 [hep-th]].

(20) J. Armas, Class. Quant. Grav. **28**, 235014 (2011) doi:10.1088/0264-9381/28/23/235014 [arXiv:1011.5618 [hep-th]].

(21) H. Maeda, M. Hassaine and C. Martinez, JHEP **08**, 123 (2010) doi:10.1007/JHEP08(2010)123 [arXiv:1006.3604 [hep-th]].

(22) B. Chng, R. B. Mann, E. Radu and C. Stelea, JHEP **12**, 009 (2008) doi:10.1088/1126-6708/2008/12/009 [arXiv:0809.0154 [hep-th]].

(23) C. Stelea, K. Schleich and D. Witt, Phys. Rev. D **78**, 124006 (2008) doi:10.1103/PhysRevD.78.124006 [arXiv:0807.4338 [hep-th]].

(24) C. Charmousis, D. Langlois, D. A. Steer and R. Zegers, JHEP **02**, 064 (2007) doi:10.1088/1126-6708/2007/02/064 [arXiv:gr-qc/0610091 [gr-qc]].

(25) H. Iguchi and T. Mishima, Phys. Rev. D **74**, 024029 (2006) doi:10.1103/PhysRevD.74.024029 [arXiv:hep-th/0605090 [hep-th]].

(26) A. Herrera-Aguilar, J. O. Tellez-Vazquez and J. E. Paschalis, Regular Chaot. Dyn. **14**, 526-534 (2009) doi:10.1134/S156035470904008X [arXiv:hep-th/0512147 [hep-th]].

A.131. **S. S. Yazadjiev**, "Rotating non-asymptotically flat black rings in charged dilaton gravity," Phys. Rev. D **72**, 104014 (2005)

[hep-th/0511016].

Забелязани независими цитати:

(1) Y. Z. Li and X. M. Kuang, Eur. Phys. J. C **84**, no.3, 271 (2024) doi:10.1140/epjc/s10052-024-12627-7 [arXiv:2401.07495 [gr-qc]].

(2) S. H. Mazharimousavi and K. Verma, Annals Phys. **457**, 169439 (2023) doi:10.1016/j.aop.2023.169439 [arXiv:2304.13320 [gr-qc]].

(3) M. M. Stetsko, Gen. Rel. Grav. **53**, no.1, 2 (2021) doi:10.1007/s10714-020-02777-w [arXiv:2012.14915 [hep-th]].

(4) M. M. Stetsko, [arXiv:2012.14902 [hep-th]].

(5) M. M. Stetsko, Int. J. Mod. Phys. A **36**, no.05, 2150034 (2021) doi:10.1142/S0217751X21500342 [arXiv:2007.00277 [hep-th]].

(6) M. M. Stetsko, Phys. Rev. D **101**, no.12, 124017 (2020) doi:10.1103/PhysRevD.101.124017 [arXiv:2005.13447 [hep-th]].

(7) M. M. Stetsko, Eur. Phys. J. C **79**, no.3, 244 (2019) doi:10.1140/epjc/s10052-019-6738-z [arXiv:1812.10838 [hep-th]].

(8) S. Abdolrahimi and A. A. Shoom, Phys. Rev. D **89**, no.2, 024040 (2014) doi:10.1103/PhysRevD.89.024040 [arXiv:1307.4406 [gr-qc]].

(9) N. Barbosa-Cendejas, A. Herrera-Aguilar, K. Kanakoglou and J. E. Paschalis, Electron. J. Theor. Phys. **8**, S17-S30 (2011) [arXiv:1103.2433 [hep-th]].

(10) Z. X. Liu and Z. Q. Chen, Int. J. Mod. Phys. D **20**, 581-591 (2011) doi:10.1142/S0218271811018895 [arXiv:1010.4861 [hep-th]].

(11) M. Allahverdizadeh, J. Kunz and F. Navarro-Lerida, Phys. Rev. D **82**, 064034 (2010) doi:10.1103/PhysRevD.82.064034 [arXiv:1007.4250 [gr-qc]].

(12) D. Astefanesei, R. B. Mann, M. J. Rodriguez and C. Stelea, Class. Quant. Grav. **27**, 165004 (2010) doi:10.1088/0264-9381/27/16/165004 [arXiv:0909.3852 [hep-th]].

(13) M. Allahverdizadeh and K. Matsuno, Phys. Rev. D **81**, 044001 (2010) doi:10.1103/PhysRevD.81.044001 [arXiv:0908.2484 [hep-th]].

(14) A. Sheykhi and M. Allahverdizadeh, Gen. Rel. Grav. **42**, 367-379 (2010) doi:10.1007/s10714-009-0854-2 [arXiv:0904.1776 [hep-th]].

(15) A. Sheykhi, M. Allahverdizadeh, Y. Bahrampour and M. Rahnama, Phys. Lett. B **666**, 82-85 (2008) doi:10.1016/j.physletb.2008.06.068 [arXiv:0805.4464 [hep-th]].

(16) R. Emparan and H. S. Reall, Living Rev. Rel. **11**, 6 (2008) doi:10.12942/lrr-2008-6 [arXiv:0801.3471 [hep-th]].

(17) A. Sheykhi, Phys. Rev. D **77**, 104022 (2008) doi:10.1103/PhysRevD.77.104022 [arXiv:0711.4422 [hep-th]].

(18) M. H. Dehghani, A. Sheykhi and S. H. Hendi, Phys. Lett. B **659**, 476-482 (2008) doi:10.1016/j.physletb.2007.11.015 [arXiv:0710.0120 [hep-th]].

(19) M. H. Dehghani, S. H. Hendi, A. Sheykhi and H. Rastegar Sedehi, JCAP **02**, 020 (2007) doi:10.1088/1475-7516/2007/02/020 [arXiv:hep-th/0611288 [hep-th]].

(20) A. Sheykhi, N. Riazi and M. H. Dehghani, Phys. Rev. D **75**, 044020 (2007) doi:10.1103/PhysRevD.75.044020 [arXiv:hep-th/0610086 [hep-th]].

(21) C. Charmousis, D. Langlois, D. A. Steer and R. Zegers, JHEP **02**, 064 (2007) doi:10.1088/1126-6708/2007/02/064 [arXiv:gr-qc/0610091 [gr-qc]].

(22) A. Sheykhi and N. Riazi, Int. J. Mod. Phys. A **22**, 4849-4858 (2007) doi:10.1142/S0217751X07037032 [arXiv:hep-th/0605042 [hep-th]].

(23) H. Iguchi and T. Mishima, Phys. Rev. D **74**, 024029 (2006) doi:10.1103/PhysRevD.74.024029 [arXiv:hep-th/0605090 [hep-th]].

(24) M. Rogatko, Phys. Rev. D **73**, 024022 (2006) doi:10.1103/PhysRevD.73.024022 [arXiv:hep-th/0601055 [hep-th]].

(25) A. Herrera-Aguilar, J. O. Tellez-Vazquez and J. E. Paschalis, Regular Chaot. Dyn. **14**, 526-534 (2009) doi:10.1134/S156035470904008X [arXiv:hep-th/0512147 [hep-th]].

A.132. **S. S. Yazadjiev**, "Asymptotically and non-asymptotically flat static black rings in charged dilaton gravity,"

[hep-th/0507097.]

Забелязани независими цитати:

(1) Y. Brihaye, C. Herdeiro and E. Radu, JHEP **10**, 153 (2022) doi:10.1007/JHEP10(2022)153 [arXiv:2207.13114 [gr-qc]].

(2) S. Abdolrahimi and C. C. Tzounis, [arXiv:2206.05376 [gr-qc]].

(3) M. Nozawa, Phys. Rev. D **103**, no.2, 024004 (2021) doi:10.1103/PhysRevD.103.024004 [arXiv:2010.07560 [gr-qc]].

(4) H. Maeda and C. Martinez, Class. Quant. Grav. **36**, no.18, 185017 (2019) doi:10.1088/1361-6382/ab293a [arXiv:1904.01658 [gr-qc]].

(5) B. Kleihaus, J. Kunz and E. Radu, Int. J. Mod. Phys. D **24**, no.09, 1542019 (2015) doi:10.1142/S0218271815420195

(6) J. Kunz, doi:10.1142/9789814623995_0027 [arXiv:1309.4049 [gr-qc]].

(7) A. Bouchareb, C. M. Chen, G. Clément and D. V. Gal'tsov, Phys. Rev. D **88**, 084048 (2013) doi:10.1103/PhysRevD.88.084048 [arXiv:1308.6461 [gr-qc]].

(8) M. Ortaggio, V. Pravda and A. Pravdova, Class. Quant. Grav. **30**, 013001 (2013) doi:10.1088/0264-9381/30/1/013001 [arXiv:1211.7289 [gr-qc]].

(9) K. Schnulle, J. Phys. Conf. Ser. **372**, 012071 (2012) doi:10.1088/1742-6596/372/1/012071

(10) C. Stelea, C. Dariescu and M. A. Dariescu, Phys. Rev. D **84**, 044009 (2011) doi:10.1103/PhysRevD.84.044009 [arXiv:1107.3484 [gr-qc]].

(11) Y. Brihaye, E. Radu and D. H. Tchrakian, Phys. Rev. D **84**, 064015 (2011) doi:10.1103/PhysRevD.84.064015 [arXiv:1104.2830 [hep-th]].

(12) B. Kleihaus, J. Kunz and K. Schnulle, Phys. Lett. B **699**, 192-198 (2011) doi:10.1016/j.physletb.2011.03.072 [arXiv:1012.5044 [hep-th]].

(13) B. Kleihaus, J. Kunz, E. Radu and M. J. Rodriguez, JHEP **02**, 058 (2011) doi:10.1007/JHEP02(2011)058 [arXiv:1010.2898 [gr-qc]].

(14) S. Abdolrahimi,"Higher-Dimensional Gravitational Objects with External Fields," PhD thesis, doi:10.7939/R3WG61

(15) B. Kleihaus, J. Kunz and E. Radu, JHEP **02**, 092 (2010) doi:10.1007/JHEP02(2010)092 [arXiv:0912.1725 [gr-qc]].

(16) B. Kleihaus, J. Kunz, E. Radu and C. Stelea, JHEP **09**, 025 (2009) doi:10.1088/1126-6708/2009/09/025 [arXiv:0905.4716 [hep-th]].

(17) B. Kleihaus, J. Kunz and E. Radu, Phys. Lett. B **678**, 301-307 (2009) doi:10.1016/j.physletb.2009.06.039 [arXiv:0904.2723 [hep-th]].

(18) B. Chng, R. B. Mann, E. Radu and C. Stelea, JHEP **12**, 009 (2008) doi:10.1088/1126-6708/2008/12/009 [arXiv:0809.0154 [hep-th]].

(19) C. Stelea, K. Schleich and D. Witt, Phys. Rev. D **78**, 124006 (2008) doi:10.1103/PhysRevD.78.124006 [arXiv:0807.4338 [hep-th]].

(20) M. Ortaggio and V. Pravda, JHEP **12**, 054 (2006) doi:10.1088/1126-6708/2006/12/054 [arXiv:gr-qc/0609049 [gr-qc]].

(21) A. Sheykhi and N. Riazi, Int. J. Mod. Phys. A **22**, 4849-4858 (2007) doi:10.1142/S0217751X07037032 [arXiv:hep-th/0605042 [hep-th]].

(22) M. Rogatko, Phys. Rev. D **73**, 024022 (2006) doi:10.1103/PhysRevD.73.024022 [arXiv:hep-th/0601055 [hep-th]].

(23) M. Ortaggio, J. Phys. Conf. Ser. **33**, 386-392 (2006) doi:10.1088/1742-6596/33/1/047 [arXiv:gr-qc/0601093 [gr-qc]].

A.133. **S. S. Yazadjiev**, "Einstein-Born-Infeld-dilaton black holes in non-asymptotically flat space-times," Phys. Rev. D **72**, 044006 (2005)

[hep-th/0504152].

Забелязани независими цитати:

(1) A. Bakopoulos, T. Karakasis, N. E. Mavromatos, T. Nakas and E. Papantonopoulos, [arXiv:2402.12459 [hep-th]].

(2) M. Dehghani, Eur. Phys. J. C **83**, no.11, 987 (2023) doi:10.1140/epjc/s10052-023-12155-w

(3) S. H. Mazharimousavi, Annals Phys. **459**, 169491 (2023) doi:10.1016/j.aop.2023.169491

(4) S. H. Mazharimousavi, Eur. Phys. J. C **83**, no.5, 406 (2023) [erratum: Eur. Phys. J. C **83**, no.7, 597 (2023)] doi:10.1140/epjc/s10052-023-11544-5 [arXiv:2304.12935 [gr-qc]].

(5) R. Kase and S. Tsujikawa, Phys. Rev. D **107**, no.10, 104045 (2023) doi:10.1103/PhysRevD.107.104045 [arXiv:2301.10362 [gr-qc]].

(6) M. Dehghani, Eur. Phys. J. C **82**, no.4, 367 (2022) doi:10.1140/epjc/s10052-022-10251-x

(7) S. J. Zhang, Eur. Phys. J. C **82**, no.6, 501 (2022) doi:10.1140/epjc/s10052-022-10464-0 [arXiv:2201.09703 [gr-qc]].

(8) Y. Younesizadeh, A. H. Ahmed, A. A. Ahmad, F. Younesizadeh and M. Ebrahimkhas, Int. J. Mod. Phys. D **30**, no.04, 2150028 (2021) doi:10.1142/S0218271821500280

(9) Y. Younesizadeh, A. H. Ahmed, A. A. Ahmad, F. Younesizadeh and M. Ebrahimkhas, Int. J. Mod. Phys. A **35**, no.27, 2050172 (2020) doi:10.1142/S0217751X20501729

(10) Y. Younesizadeh, A. H. Ahmed, A. A. Ahmad, Y. Younesizadeh and M. Ebrahimkhas, Eur. Phys. J. Plus **135**, no.8, 686 (2020) doi:10.1140/epjp/s13360-020-00695-z

(11) Y. Younesizadeh, A. A. Ahmad, A. H. Ahmed, F. Younesizadeh and M. Ebrahimkhas, Int. J. Mod. Phys. A **34**, no.35, 1950239 (2020) doi:10.1142/S0217751X19502397 [arXiv:2006.10710 [hep-th]].

(12) S. Yu and C. Gao, Int. J. Mod. Phys. D **29**, no.05, 2050032 (2020) doi:10.1142/S0218271820500327 [arXiv:1907.00515 [gr-qc]].

(13) J. Pakravan and M. V. Takook, Astrophys. Space Sci. **363**, no.9, 181 (2018) doi:10.1007/s10509-018-3404-0

(14) S. Hajkhalili and A. Sheykhi, Int. J. Mod. Phys. D **27**, no.07, 1850075 (2018) doi:10.1142/S021827181850075 [arXiv:1801.05697 [gr-qc]].

(15) S. H. Hendi, B. Eslam Panah, S. Panahiyan and M. Momennia, Eur. Phys. J. C **77**, no.9, 647 (2017) doi:10.1140/epjc/s10052-017-5211-0 [arXiv:1708.06634 [gr-qc]].

(16) S. H. Mazharimousavi, Z. Amirabi and M. Halilsoy, Gen. Rel. Grav. **48**, no.11, 143 (2016) doi:10.1007/s10714-016-2139-x [arXiv:1703.05316 [gr-qc]].

(17) A. Sheykhi, F. Naeimipour and S. M. Zebarjad, Gen. Rel. Grav. **48**, no.7, 96 (2016) doi:10.1007/s10714-016-2086-6

(18) B. Chandrasekhar and P. K. Yerra, Eur. Phys. J. C **77**, no.8, 534 (2017) doi:10.1140/epjc/s10052-017-5076-2 [arXiv:1606.03223 [hep-th]].

(19) A. Sheykhi and S. Hajkhalili, Int. J. Mod. Phys. D **25**, no.06, 1650062 (2016) doi:10.1142/S0218271816500620

(20) A. Sheykhi, F. Naeimipour and S. M. Zebarjad, Gen. Rel. Grav. **48**, no.3, 33 (2016) doi:10.1007/s10714-016-2034-5

(21) A. Sheykhi, F. Naeimipour and S. M. Zebarjad, Phys. Rev. D **92**, no.12, 124054 (2015) doi:10.1103/PhysRevD.92.124054

(22) M. S. Rad, S. H. Hendi, K. Matsuno and A. Sheykhi, Annals Phys. **363**, 485-495 (2015) doi:10.1016/j.aop.2015.10.002

(23) S. H. Hendi, M. Faizal, B. E. Panah and S. Panahiyan, Eur. Phys. J. C **76**, no.5, 296 (2016) doi:10.1140/epjc/s10052-016-4119-4 [arXiv:1508.00234 [hep-th]].

(24) A. Sheykhi and Z. Mahmoudi, Gen. Rel. Grav. **47**, no.8, 90 (2015) doi:10.1007/s10714-015-1931-3

(25) A. Sheykhi, F. Naeimipour and S. M. Zebarjad, Phys. Rev. D **91**, no.12, 124057 (2015) doi:10.1103/PhysRevD.91.124057

(26) M. K. Zangeneh, A. Sheykhi and M. H. Dehghani, Eur. Phys. J. C **75**, no.10, 497 (2015) doi:10.1140/epjc/s10052-015-3724-y [arXiv:1506.04077 [gr-qc]].

(27) D. Rubiera-Garcia, Phys. Rev. D **91**, no.6, 064065 (2015) doi:10.1103/PhysRevD.91.064065 [arXiv:1503.04281 [hep-th]].

(28) S. H. Hendi, G. H. Bordbar, B. Eslam Panah and M. Najafi, Astrophys. Space Sci. **358**, no.2, 30 (2015) doi:10.1007/s10509-015-2429-x [arXiv:1503.01011 [gr-qc]].

(29) M. Kord Zangeneh, A. Sheykhi and M. H. Dehghani, Phys. Rev. D **91**, no.4, 044035 (2015) doi:10.1103/PhysRevD.91.044035 [arXiv:1505.01103 [gr-qc]].

(30) A. Sheykhi and A. Kazemi, Phys. Rev. D **90**, no.4, 044028 (2014) doi:10.1103/PhysRevD.90.044028 [arXiv:1506.01786 [gr-qc]].

(31) A. Sheykhi and S. Hajkhalili, Phys. Rev. D **89**, no.10, 104019 (2014) doi:10.1103/PhysRevD.89.104019 [arXiv:1504.04009 [gr-qc]].

(32) M. Allahverdizadeh, S. H. Hendi and A. Sheykhi, Phys. Rev. D **89**, no.8, 084049 (2014) doi:10.1103/PhysRevD.89.084049 [arXiv:1404.0949 [gr-qc]].

(33) A. Sheykhi, Adv. High Energy Phys. **2014**, 615041 (2014) doi:10.1155/2014/615041

(34) S. H. Hendi and A. Sheykhi, Phys. Rev. D **88**, no.4, 044044 (2013) doi:10.1103/PhysRevD.88.044044 [arXiv:1405.6998 [gr-qc]].

(35) M. Allahverdizadeh, J. P. S. Lemos and A. Sheykhi, Phys. Rev. D **87**, no.8, 084002 (2013) doi:10.1103/PhysRevD.87.084002 [arXiv:1302.5079 [gr-qc]].

(36) S. H. Hendi, Eur. Phys. J. C **71**, 1551 (2011) doi:10.1140/epjc/s10052-011-1551-3 [arXiv:1007.2704 [gr-qc]].

(37) S. H. Hendi, Eur. Phys. J. C **69**, 281-288 (2010) doi:10.1140/epjc/s10052-010-1359-6 [arXiv:1008.0168 [hep-th]].

(38) S. H. Mazharimousavi, M. Halilsoy, I. Sakalli and O. Gurtug, Class. Quant. Grav. **27**, 105005 (2010) doi:10.1088/0264-9381/27/10/105005 [arXiv:0908.3113 [gr-qc]].

(39) E. Stephan, S. Kistryn, N. Kalantar-Nayestanaki, A. Biegun, K. Bodek, I. Ciepal, A. Deltuva, E. Epelbaum, M. Eslami-Kalantari and A. C. Fonseca, *et al.* Int. J. Mod. Phys. A **24**, 515-520 (2009) doi:10.1142/S0217751X09043973

(40) D. Maity, Phys. Rev. D **78**, 084023 (2008) doi:10.1103/PhysRevD.78.084023 [arXiv:0806.4355 [hep-th]].

(41) M. Hassaine and C. Martinez, Class. Quant. Grav. **25**, 195023 (2008) doi:10.1088/0264-9381/25/19/195023 [arXiv:0803.2946 [hep-th]].

(42) S. H. Mazharimousavi and M. Halilsoy, Gen. Rel. Grav. **42**, 261-280 (2010) doi:10.1007/s10714-009-0835-5 [arXiv:0802.3990 [gr-qc]].

(43) A. Sheykhi, Int. J. Mod. Phys. D **18**, 25-42 (2009) doi:10.1142/S021827180901425X [arXiv:0801.4112 [hep-th]].

(44) M. H. Dehghani, A. Sheykhi and S. H. Hendi, Phys. Lett. B **659**, 476-482 (2008) doi:10.1016/j.physletb.2007.11.015 [arXiv:0710.0120 [hep-th]].

(45) A. Sheykhi, Phys. Lett. B **662**, 7-13 (2008) doi:10.1016/j.physletb.2008.02.017 [arXiv:0710.3827 [hep-th]].

(46) A. Sheykhi, Phys. Rev. D **76**, 124025 (2007) doi:10.1103/PhysRevD.76.124025 [arXiv:0709.3619 [hep-th]].

(47) M. H. Dehghani, S. H. Hendi, A. Sheykhi and H. Rastegar Sedehi, JCAP **02**, 020 (2007) doi:10.1088/1475-7516/2007/02/020 [arXiv:hep-th/0611288 [hep-th]].

(48) A. Sheykhi and N. Riazi, Phys. Rev. D **75**, 024021 (2007) doi:10.1103/PhysRevD.75.024021 [arXiv:hep-th/0610085 [hep-th]].

(49) A. Sheykhi, N. Riazi and M. H. Mahzoon, Phys. Rev. D **74**, 044025 (2006) doi:10.1103/PhysRevD.74.044025 [arXiv:hep-th/0605043 [hep-th]].

A.134. **S. S. Yazadjiev**, "Non-asymptotically flat, non-dS/AdS dyonic black holes in dilaton gravity," Class. Quant. Grav. **22**, 3875 (2005)

[gr-qc/0502024].

Забелязани независими цитати:

(1) Y. Z. Li and X. M. Kuang, Eur. Phys. J. C **84**, no.3, 271 (2024) doi:10.1140/epjc/s10052-024-12627-7 [arXiv:2401.07495 [gr-qc]].

(2) S. H. Mazharimousavi, Annals Phys. **459**, 169491 (2023) doi:10.1016/j.aop.2023.169491

(3) S. H. Mazharimousavi and K. Verma, Annals Phys. **457**, 169439 (2023) doi:10.1016/j.aop.2023.169439 [arXiv:2304.13320 [gr-qc]].

(4) S. H. Mazharimousavi, Eur. Phys. J. C **83**, no.5, 406 (2023) [erratum: Eur. Phys. J. C **83**, no.7, 597 (2023)] doi:10.1140/epjc/s10052-023-11544-5 [arXiv:2304.12935 [gr-qc]].

(5) İ. Sakalli and G. T. Hyusein, Turk. J. Phys. **45**, no.1, 43-58 (2021) doi:10.3906/fiz-2012-6 [arXiv:2102.03595 [hep-th]].

(6) M. M. Stetsko, Gen. Rel. Grav. **53**, no.1, 2 (2021) doi:10.1007/s10714-020-02777-w [arXiv:2012.14915 [hep-th]].

(7) M. M. Stetsko, [arXiv:2012.14902 [hep-th]].

(8) M. Nozawa, Phys. Rev. D **103**, no.2, 024004 (2021) doi:10.1103/PhysRevD.103.024004 [arXiv:2010.07560 [gr-qc]].

(9) M. M. Stetsko, Int. J. Mod. Phys. A **36**, no.05, 2150034 (2021) doi:10.1142/S0217751X21500342 [arXiv:2007.00277 [hep-th]].

(10) M. M. Stetsko, Phys. Rev. D **101**, no.12, 124017 (2020) doi:10.1103/PhysRevD.101.124017 [arXiv:2005.13447 [hep-th]].

(11) F. Naderi and A. Rezaei-Aghdam, Eur. Phys. J. C **79**, no.12, 995 (2019) doi:10.1140/epjc/s10052-019-7516-7 [arXiv:1905.11302 [hep-th]].

(12) M. M. Stetsko, Eur. Phys. J. C **79**, no.3, 244 (2019) doi:10.1140/epjc/s10052-019-6738-z [arXiv:1812.10838 [hep-th]].

(13) T. Vetsov, Eur. Phys. J. C **79**, no.1, 71 (2019) doi:10.1140/epjc/s10052-019-6553-6 [arXiv:1806.05011 [gr-qc]].

(14) A. Övgün, K. Jusufi and İ. Sakallı, Phys. Rev. D **99**, no.2, 024042 (2019) doi:10.1103/PhysRevD.99.024042 [arXiv:1804.09911 [gr-qc]].

(15) S. Hossein Hendi, B. Eslam Panah, S. Panahiyan and M. Hassaine, Phys. Rev. D **98**, no.8, 084006 (2018) doi:10.1103/PhysRevD.98.084006 [arXiv:1712.04328 [physics.gen-ph]].

(16) S. H. Hendi, B. Eslam Panah, S. Panahiyan and M. Momennia, Eur. Phys. J. C **77**, no.9, 647 (2017) doi:10.1140/epjc/s10052-017-5211-0 [arXiv:1708.06634 [gr-qc]].

(17) S. H. Hendi, B. Eslam Panah, S. Panahiyan and A. Sheykhi, Phys. Lett. B **767**, 214-225 (2017) doi:10.1016/j.physletb.2017.01.066 [arXiv:1703.03403 [gr-qc]].

(18) S. H. Mazharimousavi, Z. Amirabi and M. Halilsoy, Gen. Rel. Grav. **48**, no.11, 143 (2016) doi:10.1007/s10714-016-2139-x [arXiv:1703.05316 [gr-qc]].

(19) A. Sheykhi, F. Naeimipour and S. M. Zebarjad, Gen. Rel. Grav. **48**, no.7, 96 (2016) doi:10.1007/s10714-016-2086-6

(20) A. Sheykhi, M. H. Dehghani and M. Kord Zangeneh, Adv. High Energy Phys. **2016**, 3265968 (2016) doi:10.1155/2016/3265968 [arXiv:1604.05300 [gr-qc]].

(21) A. Sheykhi, F. Naeimipour and S. M. Zebarjad, Phys. Rev. D **92**, no.12, 124054 (2015) doi:10.1103/PhysRevD.92.124054

(22) S. H. Hendi, A. Sheykhi, S. Panahiyan and B. Eslam Panah, Phys. Rev. D **92**, no.6, 064028 (2015) doi:10.1103/PhysRevD.92.064028 [arXiv:1509.08593 [hep-th]].

(23) A. Sheykhi and S. H. Hendi, Can. J. Phys. **94**, no.1, 58-70 (2016) doi:10.1139/cjp-2015-0221

(24) S. H. Hendi, M. Faizal, B. E. Panah and S. Panahiyan, Eur. Phys. J. C **76**, no.5, 296 (2016) doi:10.1140/epjc/s10052-016-4119-4 [arXiv:1508.00234 [hep-th]].

(25) J. Chandler and M. H. Emam, Phys. Rev. D **91**, no.12, 125024 (2015) doi:10.1103/PhysRevD.91.125024 [arXiv:1506.06054 [gr-qc]].

(26) A. Sheykhi, F. Naeimipour and S. M. Zebarjad, Phys. Rev. D **91**, no.12, 124057 (2015) doi:10.1103/PhysRevD.91.124057

(27) M. K. Zangeneh, A. Sheykhi and M. H. Dehghani, Eur. Phys. J. C **75**, no.10, 497 (2015) doi:10.1140/epjc/s10052-015-3724-y [arXiv:1506.04077 [gr-qc]].

(28) M. Kord Zangeneh, A. Sheykhi and M. H. Dehghani, Phys. Rev. D **91**, no.4, 044035 (2015) doi:10.1103/PhysRevD.91.044035 [arXiv:1505.01103 [gr-qc]].

(29) A. Sheykhi and A. Kazemi, Phys. Rev. D **90**, no.4, 044028 (2014) doi:10.1103/PhysRevD.90.044028 [arXiv:1506.01786 [gr-qc]].

(30) I. Sakalli, A. Ovgun and S. F. Mirekhtiary, Int. J. Geom. Meth. Mod. Phys. **11**, no.08, 1450074 (2014) doi:10.1142/S0219887814500741 [arXiv:1405.5392 [gr-qc]].

(31) I. Sakalli, Mod. Phys. Lett. A **28**, 1350109 (2013) doi:10.1142/S0217732313501095 [arXiv:1307.0340 [gr-qc]].

(32) C. Chiou-Lahanas, G. A. Diamandis and B. C. Georgalas, Mod. Phys. Lett. A **29**, 1450097 (2014) doi:10.1142/S0217732314500977 [arXiv:1305.3049 [hep-th]].

(33) S. Abdolrahimi and A. A. Shoom, Phys. Rev. D **83**, 104023 (2011) doi:10.1103/PhysRevD.83.104023 [arXiv:1103.1171 [hep-th]].

(34) M. H. Dehghani and A. Bazrafshan, Can. J. Phys. **89**, 1163-1169 (2011) doi:10.1139/p11-114 [arXiv:1103.1774 [hep-th]].

(35) N. Barbosa-Cendejas, A. Herrera-Aguilar, K. Kanakoglou and J. E. Paschalis, Electron. J. Theor. Phys. **8**, S17-S30 (2011) [arXiv:1103.2433 [hep-th]].

(36) B. Gouteraux, [arXiv:1011.4941 [hep-th]].

(37) K. i. Maeda and M. Nozawa, Phys. Rev. D **81**, 124038 (2010) doi:10.1103/PhysRevD.81.124038 [arXiv:1003.2849 [gr-qc]].

(38) K. i. Maeda and M. Nozawa, Phys. Rev. D **81**, 044017 (2010) doi:10.1103/PhysRevD.81.044017 [arXiv:0912.2811 [hep-th]].

(39) C. Charmousis, B. Gouteraux and J. Soda, Phys. Rev. D **80**, 024028 (2009) doi:10.1103/PhysRevD.80.024028 [arXiv:0905.3337 [gr-qc]].

(40) C. Chiou-Lahanas, G. A. Diamandis and B. C. Georgalas, Phys. Lett. B **678**, 485-490 (2009) doi:10.1016/j.physletb.2009.07.001 [arXiv:0904.1484 [hep-th]].

(41) A. Sheykhi, Int. J. Mod. Phys. D **18**, 25-42 (2009) doi:10.1142/S021827180901425X [arXiv:0801.4112 [hep-th]].

(42) A. Sheykhi, Phys. Rev. D **77**, 104022 (2008) doi:10.1103/PhysRevD.77.104022 [arXiv:0711.4422 [hep-th]].

(43) A. Sheykhi, Phys. Lett. B **662**, 7-13 (2008) doi:10.1016/j.physletb.2008.02.017 [arXiv:0710.3827 [hep-th]].

(44) A. Sheykhi, Phys. Rev. D **76**, 124025 (2007) doi:10.1103/PhysRevD.76.124025 [arXiv:0709.3619 [hep-th]].

(45) M. Rogatko, Phys. Rev. D **75**, 024008 (2007) doi:10.1103/PhysRevD.75.024008 [arXiv:hep-th/0611260 [hep-th]].

(46) A. Sheykhi and N. Riazi, Phys. Rev. D **75**, 024021 (2007) doi:10.1103/PhysRevD.75.024021 [arXiv:hep-th/0610085 [hep-th]].

(47) C. Charmousis, D. Langlois, D. A. Steer and R. Zegers, JHEP **02**, 064 (2007) doi:10.1088/1126-6708/2007/02/064 [arXiv:gr-qc/0610091 [gr-qc]].

(48) A. Sheykhi and N. Riazi, Int. J. Mod. Phys. A **22**, 4849-4858 (2007) doi:10.1142/S0217751X07037032 [arXiv:hep-th/0605042 [hep-th]].

(49) A. Sheykhi, N. Riazi and M. H. Mahzoon, Phys. Rev. D **74**, 044025 (2006) doi:10.1103/PhysRevD.74.044025 [arXiv:hep-th/0605043 [hep-th]].

(50) H. Iguchi and T. Mishima, Phys. Rev. D **74**, 024029 (2006) doi:10.1103/PhysRevD.74.024029 [arXiv:hep-th/0605090 [hep-th]].

(51) R. B. Mann, E. Radu and C. Stelea, JHEP **09**, 073 (2006) doi:10.1088/1126-6708/2006/09/073 [arXiv:hep-th/0604205 [hep-th]].

(52) G. Clement, D. Gal'tsov, C. Leygnac and D. Orlov, Phys. Rev. D **73**, 045018 (2006) doi:10.1103/PhysRevD.73.045018 [arXiv:hep-th/0512013 [hep-th]].

A.135. **S. S. Yazadjiev**, "Charged perfect fluid configurations with a dilaton field," Mod. Phys. Lett.A **20**, 821 (2005)

[gr-qc/0411132]

Забелязани независими цитати:

(1) V. Lungu and M. A. Dariescu, "Charged Particles Orbiting a Weakly Magnetized Black Hole Immersed in Quintessential Matter," [arXiv:2405.14420 [gr-qc]].

(2) C. Stelea, M. A. Dariescu and C. Dariescu, Phys. Lett. B **847**, 138275 (2023) doi:10.1016/j.physletb.2023.138 [arXiv:2309.13651 [gr-qc]].

(3) M. F. A. R. Sakti and A. Sulaksono, Phys. Rev. D **103**, no.8, 084042 (2021) doi:10.1103/PhysRevD.103.0840 [arXiv:2103.15393 [gr-qc]].

(4) C. Stelea, M. A. Dariescu and C. Dariescu, Phys. Rev. D **108**, no.8, 084034 (2023) doi:10.1103/PhysRevD.108.084034 [arXiv:1810.02235 [gr-qc]].

(5) R. Zhang, Y. Gu, Acta Mathematicae Applicatae Sinica, Volume 34, 485 (2018)

(6) K. A. Bronnikov, J. C. Fabris, R. Silveira and O. B. Zaslavskii, Gen. Rel. Grav. **46**, 1775 (2014) doi:10.1007/s10714-014-1775-2 [arXiv:1312.4891 [gr-qc]].

(7) R. Zhang, Y. Gu, Nonlinear Analysis: Theory, Methods and Applications, Volume 79, Pages 41 (2013)

(8) L. Zou, F.-Yu Li, and H. Wen, Int. Journal of Mod. Phys. DVol. 22, No. 02, 1350009 (2013)

(9) M. W. Horbatsch and C. P. Burgess, JCAP **08**, 027 (2011) doi:10.1088/1475-7516/2011/08/027 [arXiv:1006.4411 [gr-qc]].

(10) V. Varela, Gen. Rel. Grav. **37**, 1769-1777 (2005) doi:10.1007/s10714-005-0157-1 [arXiv:gr-qc/0501106 [gr-qc]].

A.136. **S. S. Yazadjiev**, "Interior perfect fluid scalar tensor solution," Phys. Rev.D **69**, 127501 (2004) [gr-qc/0312019]

Забелязани независими цитати:

(1) F. Rahaman, P. Bhar, R. Biswas and A. A. Usmani, Eur. Phys. J. C **74**, no.4, 2845 (2014) doi:10.1140/epjc/s10052-014-2845-z [arXiv:1312.1150 [gr-qc]].

(2) M. W. Horbatsch and C. P. Burgess, JCAP **08**, 027 (2011) doi:10.1088/1475-7516/2011/08/027 [arXiv:1006.4411 [gr-qc]].

(3) S. M. Kozyrev, [arXiv:0808.3322 [gr-qc]].

(4) J. Ponce de Leon, Int. J. Mod. Phys. D **18**, 743-762 (2009) doi:10.1142/S021827180901473X [arXiv:0805.1108 [gr-qc]].

(5) A. Bagchi and S. Kalyana Rama, Phys. Rev. D **70**, 104030 (2004) doi:10.1103/PhysRevD.70.104030 [arXiv:gr-qc/0408030 [gr-qc]].

A.137. **S. S. Yazadjiev**, " Plane-symmetric inhomogeneous Brans–Dicke cosmology with an equation of state $P = \gamma\rho$," Class. Quant. Grav. **20**, 3365 (2003)

[gr-qc/0303032]

Забелязани независими цитати:

(1) M. Sharif and M. Z. U. H. Bhatti, Astrophys. Space Sci. **355**, 389-397 (2015) doi:10.1007/s10509-014-2174-6

(2) Sharif, M. and Bhatti, M. Z. U. H., *Effects of some physical factors on the inhomogeneity in planar symmetry*, Modern Physics Letters A **29**, 50094 (2014);

(3) Katore S., Shaikh A., *Plane symmetric dark energy model in Brans-Dicke theory of gravitation*, Bulg. J. Phys. 39, 241-247 (2012)

(4) Саха Б., *Спинорньие поле в еволюции вселенной*, book, Lanbert Academic Publishing (2011)

(5) Pawar D., Bayaskar S., Patil V., *Plane Symmetric Cosmological Model with Thick Domain Walls in Brans-Dicke Theory of Gravitation*, Bulg. J. Phys. 36, 68-75 (2009)

(6) Саха Б., *Спинорньие поля в анизотропной космологии*, PhD thesis, ОИЯИ, Дубна (2009)

(7) Pradhan, A. and Rai, A., *Plane symmetric inhomogeneous cosmological models with a perfect fluid in General Relativity II*, **314**, 225 (2008);

(8) Саха Б., Шикин Г., *Спинорньи поля в плоско-симетричном пространство-времени*, Вестник Российского университета дружбьи народов, 1-2, 66-69 (2007)

(9) Pradhan, A., Pandey, P., and Singh, S. K., *Plane Symmetric Inhomogeneous Cosmological Models with a Perfect Fluid in General Relativity*, International Journal of Theoretical Physics **46**, 1584 (2007); arXiv:gr-qc/0610125

(10) Saha, B. and Shikin, G. N., *Static Plane-Symmetric Nonlinear Spinor and Scalar Fields in GR*, International Journal of Theoretical Physics **44**, 1459 (2005);

(11) Saha, B. and Shikin, G. N., *Exact Self-Consistent Plane-Symmetric Solutions to the Spinor and Scalar Field Equations*, Bulg. J. Phys. 30, 89-112 (2003)

A.138. **S. S. Yazadjiev**, "Solution generating in scalar tensor theories with a massless scalar field and stiff perfect fluid as a source," Phys. Rev. D **65**, 084023 (2002)

[gr-qc/0108001].

Забелязани независими цитати:

(1) V. Faraoni and A. Leblanc, JCAP **08**, 037 (2021) doi:10.1088/1475-7516/2021/08/037 [arXiv:2107.03456 [gr-qc]].

(2) H. Aydın and M. U. Dog?ru, Int. J. Geom. Meth. Mod. Phys. **18**, no.07, 2150101 (2021) doi:10.1142/S0219887821501012

(3) S. Ajith, A. Saffer and K. Yagi, Phys. Rev. D **102**, no.6, 064031 (2020) doi:10.1103/PhysRevD.102.064031 [arXiv:2006.00634 [gr-qc]].

(4) O. Galkina, Scalar-Tensor Theories of Gravity and Their Cosmological Applications, PhD thesis, Universidade Federal do Esp?rito Santo (2020)

(5) J. Ben Achour, H. Liu and S. Mukohyama, JCAP **02**, 023 (2020) doi:10.1088/1475-7516/2020/02/023 [arXiv:1910.11017 [gr-qc]].

(6) G. Brando, J. C. Fabris, F. T. Falciano and O. Galkina, Int. J. Mod. Phys. D **28**, no.12, 1950156 (2019) doi:10.1142/S0218271819501566 [arXiv:1810.07860 [gr-qc]].

(7) R. Venkateswarlu, J. Satish and K. Kumar, Res. Astron. Astrophys. **12**, 636-642 (2012) doi:10.1088/1674-4527/12/6/003

(8) Chauvineau, B., Stationarity and large ω Brans Dicke solutions versus general relativity, General Relativity and Gravitation 39, 297 (2007)

(9) S. M. Kozyrev, [arXiv:gr-qc/0209026 [gr-qc]].

A.139. **S. S. Yazadjiev**, P. P. Fiziev, T. L. Boyadjiev and M. D. Todorov, "Electrically charged Einstein-Born-Infeld black holes with massive dilaton," Mod. Phys. Lett. A **16**, 2143 (2001)

[hep-th/0105165].

Забелязани независими цитати:

(1) S. Hajkhalili and A. Sheykhi, Int. J. Mod. Phys. D **27**, no.07, 1850075 (2018) doi:10.1142/S021827181850075 [arXiv:1801.05697 [gr-qc]].

(2) A. Sheykhi, F. Naeimipour and S. M. Zebarjad, Gen. Rel. Grav. **48**, no.7, 96 (2016) doi:10.1007/s10714-016-2086-6

(3) A. Sheykhi and S. Hajkhalili, Int. J. Mod. Phys. D **25**, no.06, 1650062 (2016) doi:10.1142/S021827181650062

(4) A. Sheykhi, F. Naeimipour and S. M. Zebarjad, Gen. Rel. Grav. **48**, no.3, 33 (2016) doi:10.1007/s10714-016-2034-5

(5) A. Sheykhi, F. Naeimipour and S. M. Zebarjad, Phys. Rev. D **92**, no.12, 124054 (2015) doi:10.1103/PhysRevD.92.124054

(6) A. Sheykhi and Z. Mahmoudi, Gen. Rel. Grav. **47**, no.8, 90 (2015) doi:10.1007/s10714-015-1931-3

(7) A. Sheykhi, F. Naeimipour and S. M. Zebarjad, Phys. Rev. D **91**, no.12, 124057 (2015) doi:10.1103/PhysRevD.91.124057

(8) A. Sheykhi and A. Kazemi, Phys. Rev. D **90**, no.4, 044028 (2014) doi:10.1103/PhysRevD.90.044028 [arXiv:1506.01786 [gr-qc]].

(9) A. Sheykhi and S. Hajkhalili, Phys. Rev. D **89**, no.10, 104019 (2014) doi:10.1103/PhysRevD.89.104019 [arXiv:1504.04009 [gr-qc]].

(10) A. Sheykhi, Adv. High Energy Phys. **2014**, 615041 (2014) doi:10.1155/2014/615041

(11) S. H. Hendi, Eur. Phys. J. C **71**, 1551 (2011) doi:10.1140/epjc/s10052-011-1551-3 [arXiv:1007.2704 [gr-qc]].

(12) W. A. Chemissany, M. de Roo and S. Panda, Class. Quant. Grav. **25**, 225009 (2008) doi:10.1088/0264-9381/25/22/225009 [arXiv:0806.3348 [hep-th]].

(13) M. Hassaine and C. Martinez, Class. Quant. Grav. **25**, 195023 (2008) doi:10.1088/0264-9381/25/19/195023 [arXiv:0803.2946 [hep-th]].

(14) A. Sheykhi, Int. J. Mod. Phys. D **18**, 25-42 (2009) doi:10.1142/S021827180901425X [arXiv:0801.4112 [hep-th]].

(15) M. H. Dehghani, A. Sheykhi and S. H. Hendi, Phys. Lett. B **659**, 476-482 (2008) doi:10.1016/j.physletb.2007.11.015 [arXiv:0710.0120 [hep-th]].

(16) A. Sheykhi, Phys. Lett. B **662**, 7-13 (2008) doi:10.1016/j.physletb.2008.02.017 [arXiv:0710.3827 [hep-th]].

(17) M. H. Dehghani, S. H. Hendi, A. Sheykhi and H. Rastegar Sedehi, JCAP **02**, 020 (2007) doi:10.1088/1475-7516/2007/02/020 [arXiv:hep-th/0611288 [hep-th]].

(18) A. Sheykhi and N. Riazi, Phys. Rev. D **75**, 024021 (2007) doi:10.1103/PhysRevD.75.024021 [arXiv:hep-th/0610085 [hep-th]].

(19) A. Sheykhi, N. Riazi and M. H. Mahzoon, Phys. Rev. D **74**, 044025 (2006) doi:10.1103/PhysRevD.74.044025 [arXiv:hep-th/0605043 [hep-th]].

(20) Tsyrulev A., Curvature decomposition and the Einstein-Yang-Mills equations, Particles and Nuclei Letters N2, 119, 72 (2004)

(21) V. Folomeev, V. Gurovich, H. Kleinert and H. J. Schmidt, Grav. Cosmol. **8**, 299-304 (2002) [arXiv:gr-qc/0206043 [gr-qc]].

A.140. T. Boyadjiev, M. Todorov, P. Fiziev, **S. Yazadjiev**, "Mathematical modeling of boson fermion stars in the generalized scalar-tensor theories of gravity," J. Comput. Phys. **166** 253 (2001) [math/9911118 [math.NA]]

Забелязани независими цитати:

(1) O. Sokoliuk, A. Baransky and P. K. Sahoo, Phys. Dark Univ. **35**, 100972 (2022) doi:10.1016/j.dark.2022.1009 [arXiv:2202.02221 [gr-qc]].

(2) G. Estevez-Delgado and J. Estevez-Delgado, Eur. Phys. J. C **78**, no.8, 673 (2018) doi:10.1140/epjc/s10052-018-6151-z

(3) A. B. Henriques and L. E. Mendes, Astrophys. Space Sci. **300**, 367-379 (2005) doi:10.1007/s10509-005-4512-1 [arXiv:astro-ph/0301015 [astro-ph]].

(4) F. E. Schunck and E. W. Mielke, Class. Quant. Grav. **20**, R301-R356 (2003) doi:10.1088/0264-9381/20/20/201 [arXiv:0801.0307 [astro-ph]].

A.141. **S. S. Yazadjiev**, "Distorted charged dilaton black holes," Class. Quant. Grav. **18**, 2105 (2001) [gr-qc/0012009].

Забелязани независими цитати:

(1) E. Deligianni, J. Kunz and P. Nedkova, Phys. Rev. D **102**, no.6, 064023 (2020) doi:10.1103/PhysRevD.102.06 [arXiv:2003.01252 [gr-qc]].

(2) D. H. PARK*, New Phys. Sae Mulli **68**, no.8, 928-933 (2018) doi:10.3938/NPSM.68.928

(3) S. Abdolrahimi, J. Kunz and P. Nedkova, doi:10.1142/9789813226609_0181

(4) D. H. Park, New Phys. Sae Mulli **66**, no.7, 910-915 (2016) doi:10.3938/NPSM.66.910

(5) S. Abdolrahimi, J. Kunz, P. Nedkova and C. Tzounis, JCAP **12**, 009 (2015) doi:10.1088/1475-7516/2015/12/009 [arXiv:1509.01665 [gr-qc]].

(6) S. Abdolrahimi, J. Kunz and P. Nedkova, Phys. Rev. D **91**, no.6, 064068 (2015) doi:10.1103/PhysRevD.91.06 [arXiv:1412.5416 [gr-qc]].

(7) S. Abdolrahimi and A. A. Shoom, Phys. Rev. D **89**, no.2, 024040 (2014) doi:10.1103/PhysRevD.89.024040 [arXiv:1307.4406 [gr-qc]].

(8) S. Abdolrahimi and A. A. Shoom, Phys. Rev. D **83**, 104023 (2011) doi:10.1103/PhysRevD.83.104023 [arXiv:1103.1171 [hep-th]].

(9) Shoom A., Distorted black holes and black strings, PhD thesis, University of Alberta (Canada) (2009)

(10) Y. H. Wei, Mod. Phys. Lett. A **25**, 557-566 (2010) doi:10.1142/S0217732310031828

(11) Fraser S., Static Randall-Sundrum Black Holes From a Variational Principle, Thesis, UNIVERSITY OF CALIFORNIA, Santa Barbara (2010)

(12) V. P. Frolov and R. Goswami, Phys. Rev. D **75**, 124001 (2007) doi:10.1103/PhysRevD.75.124001 [arXiv:gr-qc/0612033 [gr-qc]].

(13) B. Chng, R. B. Mann and C. Stelea, Phys. Rev. D **74**, 084031 (2006) doi:10.1103/PhysRevD.74.084031 [arXiv:gr-qc/0608092 [gr-qc]].

(14) M. Karlovini and R. von Unge, Phys. Rev. D **72**, 104013 (2005) doi:10.1103/PhysRevD.72.104013 [arXiv:gr-qc/0506073 [gr-qc]].

(15) Park D., Distorted dilaton black holes, Journal of the Korean Physical Society, Vol. 46, N6, 1299 (2005)

(16) J. Estevez-Delgado and T. Zannias, Phys. Rev. D **70**, 064038 (2004) doi:10.1103/PhysRevD.70.064038

(17) Y. H. Wei, Class. Quant. Grav. **21**, 831-838 (2004) doi:10.1088/0264-9381/21/4/006

(18) A. V. Frolov and V. P. Frolov, Phys. Rev. D **67**, 124025 (2003) doi:10.1103/PhysRevD.67.124025 [arXiv:hep-th/0302085 [hep-th]].

(19) Y. H. Wei, Y. Z. Zhang and F. He, Class. Quant. Grav. **19**, 6469-6476 (2002) doi:10.1088/0264-9381/19/24/313

(20) Fairhurst S., ISOLATED HORIZONS AND DISTORTED BLACK HOLES, PhD thesis, The Pennsylvania State University, The Graduate School,The Eberly College of Science (2001)

A.142. **S. S. Yazadjiev**, "Exact inhomogeneous Einstein-Maxwell dilaton cosmologies," Phys. Rev. D **63**, 063510 (2001)

[hep-th/0010156].

Забелязани независими цитати:

(1) M. Butler and M. Ghezelbash, Phys. Rev. D **109**, no.4, 044018 (2024) doi:10.1103/PhysRevD.109.044018 [arXiv:2310.04568 [gr-qc]].

(2) A. M. Ghezelbash, Eur. Phys. J. Plus **137**, no.2, 196 (2022) doi:10.1140/epjp/s13360-022-02395-2

(3) M. Ghezelbash, Int. J. Mod. Phys. A **38**, no.15n16, 2350084 (2023) doi:10.1142/S0217751X23500847 [arXiv:2105.01594 [gr-qc]].

(4) M. Butler and A. M. Ghezelbash, Int. J. Mod. Phys. A **34**, no.12, 1950061 (2019) doi:10.1142/S0217751X19500611 [arXiv:1810.13051 [hep-th]].

(5) A. M. Ghezelbash and V. Kumar, Phys. Rev. D **95**, no.12, 124045 (2017) doi:10.1103/PhysRevD.95.124045 [arXiv:1704.01476 [gr-qc]].

(6) A. M. Ghezelbash, Phys. Rev. D **95**, no.6, 064030 (2017) doi:10.1103/PhysRevD.95.064030 [arXiv:1701.01489 [gr-qc]].

(7) A. M. Ghezelbash and V. Kumar, Int. J. Mod. Phys. A **32**, no.17, 1750098 (2017) doi:10.1142/S0217751X17500981 [arXiv:1606.07008 [gr-qc]].

(8) A. M. Ghezelbash, Phys. Rev. D **91**, no.8, 084003 (2015) doi:10.1103/PhysRevD.91.084003 [arXiv:1502.00951 [gr-qc]].

(9) A. M. Ghezelbash, Phys. Rev. D **90**, no.8, 084047 (2014) doi:10.1103/PhysRevD.90.084047 [arXiv:1409.3197 [hep-th]].

(10) A. M. Ghezelbash, Phys. Rev. D **81**, 044027 (2010) doi:10.1103/PhysRevD.81.044027 [arXiv:1001.5066 [hep-th]].

(11) K. Kleidis, A. Kuiroukidis, P. Nerantzi and D. B. Papadopoulos, Gen. Rel. Grav. **42**, 31-49 (2010) doi:10.1007/s10714-009-0812-z [arXiv:0904.4484 [gr-qc]].

(12) K. Kleidis, A. Kuiroukidis, P. Nerantzi and D. B. Papadopoulos, Gen. Rel. Grav. **42**, 31 (2010) [arXiv:0904.4484 [gr-qc]].

(13) Cisneros-Perez, T., Herrera-Aguilar, A., Mejia-Ambriz, J. C., and Rojas-Macias, V., Gowdy Cosmological Models from Stringy Black Holes, Revista Mexicana de Fisica Supplement 53, 63 (2007); arXiv:hep-th/0603250

(14) Klepac, P., Some cosmological solutions of Einstein equations, Journal of Physics Conference Series 82, 012004 (2007)

(15) K. Kleidis, P. Nerantzi, P. Papadopoulos, Kerr-Nut seeds for cosmic strings, Proceedings of the International Conference on Differential Geometry - Dynamical Systems DGDS - 2007, Oct. 5 - 7, 2007, Bucharest-Romania, pp. 110 - 118 (2008)

(16) L. A. Lopez and N. Breton, Gen. Rel. Grav. **39**, 153-166 (2007) doi:10.1007/s10714-006-0387-x [arXiv:gr-qc/0608125 [gr-qc]].

(17) M. Gasperini and G. Veneziano, Phys. Rept. **373**, 1-212 (2003) doi:10.1016/S0370-1573(02)00389-7 [arXiv:hep-th/0207130 [hep-th]].

A.143. P. P. Fiziev, **S. S. Yazadjiev**, T. L. Boyadjiev and M. D. Todorov, "Boson stars in massive dilatonic gravity," Phys. Rev. D **61**, 124018 (2000)

[gr-qc/0001103].

Забелязани независими цитати:

(1) A. Aringazin, V. Dzhunushaliev,V. Folomeev, Magnetic field of the system neutron star plus wormhole with a dilatonic scalar field, Vestnik Kazan. Univ., Ser. Fizicheska, No2 (61), (2017)

(2) Faraoni, V., Scalar field mass in generalized gravity, Classical and Quantum Gravity 26, 145014 (2009); arXiv:0906.1901

(3) Schunck F., Mielke E., Dark matter halos as Bose-Einstein condensates, Proceedings of the Tenth Marcel Grossmann Meeting on General Relativity, p. 39, World Scientific Publishing (2005)

(4) Y. Brihaye, B. Hartmann and E. Radu, Phys. Lett. B **607**, 17-26 (2005) doi:10.1016/j.physletb.2004.12.020 [arXiv:hep-th/0411207 [hep-th]].

(5) D. Astefanesei and E. Radu, Nucl. Phys. B **665**, 594-622 (2003) doi:10.1016/S0550-3213(03)00482-6 [arXiv:gr-qc/0309131 [gr-qc]].

(6) F. E. Schunck and E. W. Mielke, Class. Quant. Grav. **20**, R301-R356 (2003) doi:10.1088/0264-9381/20/20/201 [arXiv:0801.0307 [astro-ph]].

(7) V. Ts. Gurovich, V. N. Folomeev, Dilaton-field burning in plasma, Journal of Experimental and Theoretical Physics Letters, Vol. 76, No 10, 604 (2002)

(8) R. Casadio, [arXiv:gr-qc/0107006 [gr-qc]].

A.144. S. Yazadjiev "Exact static solutions in Einstein-Maxwell dilaton gravity with arbitrary dilaton coupling parameter," Bulg. J. Phys. **27N3** 58 (2000)

[gr-qc/0101078 [gr-qc]]

Забелязани независими цитати:

(1) Y. Z. Li and X. M. Kuang, Eur. Phys. J. C **84**, no.3, 271 (2024) doi:10.1140/epjc/s10052-024-12627-7 [arXiv:2401.07495 [gr-qc]].

(2) A. P. Porfyriadis and G. N. Remmen, JHEP **03**, 125 (2023) doi:10.1007/JHEP03(2023)125 [arXiv:2301.08256 [hep-th]].

(3) A. Porfyriadis, G Remmen, J. High Energ. Phys. 2023, 125 (2023). https://doi.org/10.1007/JHEP03(2023)1

(4) Z Haghani, T Harko, S Shahidi, Eur. Phys. J. C (2017) 77:514 DOI 10.1140/epjc/s10052-017-5078-0

(5) J. A. Fitzhardinge-Berkele, [arXiv:1511.00995 [hep-th]].

(6) J. A. Fitzhardinge-Berkeley, "Solution-generating transformations in duality-invariant theories and the fluid/gravity correspondence," PhD thesis, Queen Mary University of London (2015); 1511.00995 [hep-th]

(7) Y. H. Wei, Class. Quant. Grav. **21**, 831-838 (2004) doi:10.1088/0264-9381/21/4/006

A.145. S. Yazadjiev, "Newman-Janis method and rotating dilaton axion black hole," Gen. Rel. Grav. **32**, 2345 (2000)

[gr-qc/9907092].

Забелязани независими цитати:

(1) P. Kocherlakota and R. Narayan, [arXiv:2404.16093 [gr-qc]].

(2) Ç. U. Ağca,"An Analysis on the Membrane Paradigm of Black Holes," Thesis (2023)

(3) R. Ali, M. Asgher and P. K. Sahoo, Annals Phys. **452**, 169283 (2023) doi:10.1016/j.aop.2023.169283 [arXiv:2303.08826 [gr-qc]].

(4) J. Badía and E. F. Eiroa, Phys. Rev. D **107**, no.12, 124028 (2023) doi:10.1103/PhysRevD.107.124028 [arXiv:2210.03081 [gr-qc]].

(5) B. T. Chen, M. Z. Chung, Y. t. Huang and M. K. Tam, JHEP **10**, 011 (2021) doi:10.1007/JHEP10(2021)011 [arXiv:2106.12518 [hep-th]].

(6) P. Kocherlakota *et al.* [Event Horizon Telescope], Phys. Rev. D **103**, no.10, 104047 (2021) doi:10.1103/PhysRevD.103.104047 [arXiv:2105.09343 [gr-qc]].

(7) H. C. D. L. Junior, L. C. B. Crispino, P. V. P. Cunha and C. A. R. Herdeiro, Eur. Phys. J. C **80**, no.11, 1036 (2020) doi:10.1140/epjc/s10052-020-08572-w [arXiv:2011.07301 [gr-qc]].

(8) Y. Younesizadeh, A. A. Ahmad, A. H. Ahmed, F. Younesizadeh and M. Ebrahimkhas, Annals Phys. **420**, 168246 (2020) doi:10.1016/j.aop.2020.168246

(9) S. Ajith, A. Saffer and K. Yagi, Phys. Rev. D **102**, no.6, 064031 (2020) doi:10.1103/PhysRevD.102.064031 [arXiv:2006.00634 [gr-qc]].

(10) M. Amir, M. S. Ali and S. D. Maharaj, Class. Quant. Grav. **37**, no.14, 145014 (2020) doi:10.1088/1361-6382/ab8eb7 [arXiv:2005.00307 [gr-qc]].

(11) U. Kumar, S. Panda and A. Patel, Eur. Phys. J. C **80**, no.7, 614 (2020) doi:10.1140/epjc/s10052-020-8182-5 [arXiv:1906.11714 [gr-qc]].

(12) C. Conde, C. Galvis and E. Larrañaga, Phys. Rev. D **99**, no.10, 104059 (2019) doi:10.1103/PhysRevD.99.104 [arXiv:1905.01323 [gr-qc]].

(13) R. Shaikh, Phys. Rev. D **100**, no.2, 024028 (2019) doi:10.1103/PhysRevD.100.024028 [arXiv:1904.08322 [gr-qc]].

(14) M. Broccoli and A. Viganò, Phys. Rev. D **98**, no.8, 084007 (2018) doi:10.1103/PhysRevD.98.084007 [arXiv:1807.08313 [gr-qc]].

(15) C. Bambi, Springer, 2017, ISBN 978-981-10-4524-0 doi:10.1007/978-981-10-4524-0

(16) D. Ayzenberg, Black hole electromagnetic observations as tests of general relativity: quadratic gravity, PhD Thesis (2017).

(17) H. Erbin, Universe **3**, no.1, 19 (2017) doi:10.3390/universe3010019 [arXiv:1701.00037 [gr-qc]].

(18) S. Dastan, R. Saffari and S. Soroushfar, [arXiv:1610.09477 [gr-qc]].

(19) Y. Ni, J. Jiang and C. Bambi, JCAP **09**, 014 (2016) doi:10.1088/1475-7516/2016/09/014 [arXiv:1607.04893 [gr-qc]].

(20) D. Ayzenberg, K. Yagi and N. Yunes, Class. Quant. Grav. **33**, no.10, 105006 (2016) doi:10.1088/0264-9381/33/10/105006 [arXiv:1601.06088 [astro-ph.HE]].

(21) S. Soroushfar, R. Saffari and E. Sahami, Phys. Rev. D **94**, no.2, 024010 (2016) doi:10.1103/PhysRevD.94.024 [arXiv:1601.03143 [gr-qc]].

(22) T. Johannsen, Class. Quant. Grav. **33**, no.11, 113001 (2016) doi:10.1088/0264-9381/33/11/113001 [arXiv:1512.03818 [astro-ph.GA]].

(23) H. Erbin,"Black holes in N = 2 supergravity," PhD Thesis(2015)

(24) H. Erbin and L. Heurtier, Class. Quant. Grav. **32**, no.16, 165005 (2015) doi:10.1088/0264-9381/32/16/165005 [arXiv:1501.02188 [hep-th]].

(25) D. Rajan, [arXiv:1601.03862 [gr-qc]].

(26) H. Erbin, Gen. Rel. Grav. **48**, no.5, 56 (2016) doi:10.1007/s10714-016-2054-1 [arXiv:1411.2909 [gr-qc]].

(27) H. Erbin and L. Heurtier, Class. Quant. Grav. **32**, no.16, 165004 (2015) doi:10.1088/0264-9381/32/16/165004 [arXiv:1411.2030 [gr-qc]].

(28) H. Erbin, Gen. Rel. Grav. **47**, 19 (2015) doi:10.1007/s10714-015-1860-1 [arXiv:1410.2602 [gr-qc]].

(29) L. Rezzolla and A. Zhidenko, Phys. Rev. D **90**, no.8, 084009 (2014) doi:10.1103/PhysRevD.90.084009 [arXiv:1407.3086 [gr-qc]].

(30) C. Ganguly and S. SenGupta, Eur. Phys. J. C **76**, no.4, 213 (2016) doi:10.1140/epjc/s10052-016-4058-0 [arXiv:1401.6826 [hep-th]].

(31) C. Lozanovski, Gen. Rel. Grav. **46**, 1716 (2014) doi:10.1007/s10714-014-1716-0

(32) S. G. Ghosh and U. Papnoi, Eur. Phys. J. C **74**, no.8, 3016 (2014) doi:10.1140/epjc/s10052-014-3016-y [arXiv:1309.4231 [gr-qc]].

(33) D. Hansen and N. Yunes, Phys. Rev. D **88**, no.10, 104020 (2013) doi:10.1103/PhysRevD.88.104020 [arXiv:1308.6631 [gr-qc]].

(34) F. Khani, M. T. Darvishi and R. Baghbani, Astrophys. Space Sci. **348**, 189-191 (2013) doi:10.1007/s10509-013-1562-7

(35) A. Larranaga, [arXiv:1204.0851 [gr-qc]].

(36) R. Canonino, L. Parisi, and G. Vilasi, THE NEWMAN JANIS ALGORITHM: A REVIEW OF SOME RESULTS, Thirteenth International Conference on Geometry, Integrability and Quantization 2011, Varna, Bulgaria, 159 (2012);

(37) E. Kyriakopoulos, Gen. Rel. Grav. **44**, 157-199 (2012) doi:10.1007/s10714-011-1269-4

(38) Canonico R., Exact Solutions in General Relativity and Alternative Theories of Gravity: mathematical and physical properties, UNIVERSITA DEGLI STUDI DI SALERNO, Dipartimento di Fisica E. R. Caianiello (2010)

(39) R. Canonico, L. Parisi and G. Vilasi, Proc. Geom. Int. Quant. **12**, 159-169 (2011) doi:10.7546/giq-12-2011-159-169

(40) A. Larranaga, Pramana **76**, 553-559 (2011) doi:10.1007/s12043-011-0065-8 [arXiv:1003.2973 [gr-qc]].

(41) E. Kyriakopoulos, [arXiv:0905.2542 [gr-qc]].

(42) R. Whisker, [arXiv:0810.1534 [gr-qc]].

(43) N. Ibohal, [arXiv:gr-qc/0412118 [gr-qc]].

(44) E. N. Glass and J. P. Krisch, [arXiv:gr-qc/0405143 [gr-qc]].

(45) N. Ibohal, Gen. Rel. Grav. **37**, 19-51 (2005) doi:10.1007/s10714-005-0002-6 [arXiv:gr-qc/0403098 [gr-qc]].

(46) P. A. Blaga and C. Blaga, Class. Quant. Grav. **18**, 3893-3905 (2001) doi:10.1088/0264-9381/18/18/308

A.146. S. Yazadjiev, "Exact static solutions in four-dimensional Einstein-Maxwell dilaton gravity," Int. J. Mod. Phys. D **8**, 635 (1999)

[gr-qc/9906048].

Забелязани независими цитати:

(1) Y. Z. Li and X. M. Kuang, Eur. Phys. J. C **84**, no.3, 271 (2024) doi:10.1140/epjc/s10052-024-12627-7 [arXiv:2401.07495 [gr-qc]].

(2) S. K. Sahoo, N. Yadav and I. Banerjee, Phys. Rev. D **109**, no.4, 044008 (2024) doi:10.1103/PhysRevD.109.04 [arXiv:2305.14870 [gr-qc]].

(3) A. Tripathi, B. Zhou, A. B. Abdikamalov, D. Ayzenberg and C. Bambi, JCAP **07**, 002 (2021) doi:10.1088/1475-7516/2021/07/002 [arXiv:2103.07593 [astro-ph.HE]].

(4) I. Banerjee, B. Mandal and S. SenGupta, Mon. Not. Roy. Astron. Soc. **500**, no.1, 481-492 (2020) doi:10.1093/mnras/staa3232 [arXiv:2007.13980 [gr-qc]].

(5) I. Banerjee, B. Mandal and S. SenGupta, Phys. Rev. D **103**, no.4, 044046 (2021) doi:10.1103/PhysRevD.103.044046 [arXiv:2007.03947 [gr-qc]].

(6) П. Мошарев, Ефект нелинейной електродинамики с дилатоном и аксионом, Диссертация, Московский государственный университет (2020)

(7) C. Ganguly and S. SenGupta, Eur. Phys. J. C **76**, no.4, 213 (2016) doi:10.1140/epjc/s10052-016-4058-0 [arXiv:1401.6826 [hep-th]].

(8) R. Canonino, L. Parisi, and G. Vilasi, THE NEWMAN JANIS ALGORITHM: A REVIEW OF SOME RESULTS, Thirteenth International Conference on Geometry, Integrability and Quantization 2011, Varna, Bulgaria, 159 (2012);

(9) Canonico R., Exact Solutions in General Relativity and Alternative Theories of Gravity: mathematical and physical properties, UNIVERSITA DEGLI STUDI DI SALERNO, Dipartimento di Fisica E. R. Caianiello (2010)

(10) R. Canonico, L. Parisi and G. Vilasi, Proc. Geom. Int. Quant. **12**, 159-169 (2011) doi:10.7546/giq-12-2011-159-169

(11) K. G. Zloshchastiev, Phys. Rev. D **64**, 084026 (2001) doi:10.1103/PhysRevD.64.084026 [arXiv:hep-th/0101075 [hep-th]].

A.147. P. Fiziev, **S. Yazadjiev**, "Solar system experiments and the interpretation of Saa's model of gravity with propagating torsion as a theory with variable Planck 'constant," Mod. Phys. Lett. **A 14** 511 (1999)

[gr-qc/9807025 [gr-qc]]

Забелязани независими цитати:

(1) Z. W. Chen, R. Diao and X. S. Chen, Commun. Theor. Phys. **75**, no.4, 045401 (2023) doi:10.1088/1572-9494/acbd2f [arXiv:1912.02987 [gr-qc]].

(2) R. Fresneda, M. C. Baldiotti and T. S. Pereira, Braz. J. Phys. **45**, no.3, 353-358 (2015) doi:10.1007/s13538-015-0318-y [arXiv:1404.3231 [gr-qc]].

(3) M. Kazmierczak, Phys. Rev. D **79**, 127501 (2009) doi:10.1103/PhysRevD.79.127501 [arXiv:0906.3523 [gr-qc]].

(4) M. Kazmierczak, Acta Phys. Polon. Supp. **2**, 669 (2009) [arXiv:0902.4432 [gr-qc]].

(5) M. Kazmierczak, Phys. Rev. D **79**, 064029 (2009) doi:10.1103/PhysRevD.79.064029 [arXiv:0812.1298 [gr-qc]].

(6) M. Kazmierczak, Phys. Rev. D **78**, 124025 (2008) doi:10.1103/PhysRevD.78.124025 [arXiv:0811.1932 [gr-qc]].

(7) R. A. Mosna and A. Saa, J. Math. Phys. **46**, 112502 (2005) doi:10.1063/1.2121207 [arXiv:gr-qc/0505146 [gr-qc]].

A.148. T. Boyadjiev, P. Fiziev and **S. S. Yazadjiev**, "Neutron star in presence of torsion - dilaton field," Class. Quant. Grav. **16**, 2359 (1999)

[gr-qc/9803084].

Забелязани независими цитати:

(1) H. Noshad, S. H. Hendi and B. Panah Eslam, Eur. Phys. J. C **82**, no.5, 394 (2022) doi:10.1140/epjc/s10052-022-10358-1 [arXiv:2111.03924 [gr-qc]].

(2) A. Nussupbekov and D. Malafarina, Eur. Phys. J. C **80**, no.3, 236 (2020) doi:10.1140/epjc/s10052-020-7780-6

(3) Z. W. Chen, R. Diao and X. S. Chen, Commun. Theor. Phys. **75**, no.4, 045401 (2023) doi:10.1088/1572-9494/acbd2f [arXiv:1912.02987 [gr-qc]].

(4) T. Yazdizadeh, G. H. Bordbar and B. Eslam Panah, Phys. Dark Univ. **35**, 100982 (2022) doi:10.1016/j.dark.2022.100982 [arXiv:1902.04887 [physics.gen-ph]].

(5) V. Ponomarev A. Barvinsky Y. Obukhov, "Gauge Approach and Quantization Methods in Gravity Theory, " Moscow, Nauka (2017)

(6) S. H. Hendi, G. H. Bordbar, B. Eslam Panah and S. Panahiyan, JCAP **07**, 004 (2017) doi:10.1088/1475-7516/2017/07/004 [arXiv:1701.01039 [gr-qc]].

(7) G. H. Bordbar, S. H. Hendi and B. Eslam Panah, Eur. Phys. J. Plus **131**, no.9, 315 (2016) doi:10.1140/epjp/i2016-16315-0 [arXiv:1502.02929 [gr-qc]].

(8) R. Fresneda, M. C. Baldiotti and T. S. Pereira, Braz. J. Phys. **45**, no.3, 353-358 (2015) doi:10.1007/s13538-015-0318-y [arXiv:1404.3231 [gr-qc]].

(9) M. Kazmierczak, Phys. Rev. D **79**, 127501 (2009) doi:10.1103/PhysRevD.79.127501 [arXiv:0906.3523 [gr-qc]].

(10) M. Kazmierczak, Acta Phys. Polon. Supp. **2**, 669 (2009) [arXiv:0902.4432 [gr-qc]].

(11) M. Kazmierczak, Phys. Rev. D **79**, 064029 (2009) doi:10.1103/PhysRevD.79.064029 [arXiv:0812.1298 [gr-qc]].

(12) M. Kazmierczak, Phys. Rev. D **78**, 124025 (2008) doi:10.1103/PhysRevD.78.124025 [arXiv:0811.1932 [gr-qc]].

(13) R. A. Mosna and A. Saa, J. Math. Phys. **46**, 112502 (2005) doi:10.1063/1.2121207 [arXiv:gr-qc/0505146 [gr-qc]].

(14) Chen, C. X. and Zhang, J. L., Electromagnetic fields of a slowly rotating magnetized neutron star in Saa's model of gravity with torsion, Acta Astronomica Sinica 45, 141 (2004)

(15) Hammond, R. T., Torsion gravity, Reports on Progress in Physics 65, 599 (2002)

чл.-кор. Стойчо Язаджиев