

## DAFTAR PUSTAKA

- Abbas, G., & Shahzad, M. (2020). Comparative analysis of Einstein gravity and Rastall gravity for the compact objects. *Chinese Journal of Physics*, 63, 1-12.
- Abbott, B., Abbott, R., Abbott, T., Acernese, F., Ackley, K., Adams, C., . . . Adya, V. (2017). GW170817: observation of gravitational waves from a binary neutron star inspiral. *Physical review letters*, 119, 161101.
- Abreu, H., Hernandez, H., & Nunez, L. (2007). Sound speeds, cracking and the stability of self-gravitating anisotropic compact objects. *Classical and Quantum Gravity*, 24, 4631.
- Aerts, C. (2021). Probing the interior physics of stars through asteroseismology. *Reviews of Modern Physics*, 93(1), 015001.
- Alford, M., Rajagopal, K., & Wilczek, F. (1999). Color-flavor locking and chiral symmetry breaking in high density QCD. *Nuclear Physics B*, 537, 443-458.
- Alford, M., Rajagopal, K., & Wilczek, F. (1999). Color-flavor locking and chiral symmetry breaking in high density QCD. *Nuclear Physics B*, 537, 443-358.
- Ali-Haïmoud, Y., & Chen, Y. (2011). Slowly rotating stars and black holes in dynamical Chern-Simons gravity. *Physical Review D*, 84(12), 124033.
- Andersen, J., & Strickland, M. (2002). Equation of state for dense QCD and quark stars. *Physical Review D*, 66, 105001.
- Banerjee, A., Tangphati, T., & Pradhan, A. (2023). Possible existence of quark stars in Rastall gravity. *International Journal of Modern Physics D*, 32, 2350026.
- Bauböck, M., Berti, E., Psaltis, D., & Özel, F. (2013). Relations between neutron-star parameters in the Hartle–Thorne approximation. *The Astrophysical Journal*, 777(1), 68.
- Benhar, O., Ferrari, V., Gualtieri, L., & Marassi, S. (2005). Perturbative approach to the structure of rapidly rotating neutron stars. *Physical Review D*, 72(4), 044028.
- Bhar, P., Tello-Ortiz, F., Rincon, A., & Gomez-Leyton, Y. (2020). Study on anisotropic stars in the framework of Rastall gravity. *Astrophysics and Space Science*, 365, 145.
- Bowers, R., & Liang, E. (1974). Anisotropic spheres in general relativity. *The Astrophysical Journal*, 188, 657.

- Chandrasekhar, S. (1964). Dynamical instability of gaseous masses approaching the Schwarzschild limit in general relativity. *Physical Review Letters*, 12(4), 114.
- Chodos, A., Jafee, R., Johnson, K., Thorn, C., & Weisskopf. (1974). New extended model of hadrons. *Physical review D*, 9, 3471.
- Cruz, M., Lepe, S., & Morales-Navarrete, G. (2019). A thermodynamics revision of Rastall gravity. *Classical and Quantum Gravity*, 36, 225007.
- Damour, T., & Nagar, A. (2009). Relativistic tidal properties of neutron stars. *Physical Review D*, 80(8), 084035.
- Das, H. (2022). I-Love-C relation for an anisotropic neutron star. *Physical Review D*, 106, 103518.
- Deb, D., Mukhopadhyay, B., & Weber, F. (2021). Effects of anisotropy on strongly magnetized neutron and strange quark stars in general relativity. *The Astrophysical Journal*, 922, 149.
- Dyson, F., Eddington, A., & Davidson, C. (n.d.). A determination of the deflection of light by the Sun's gravitational field, from observations made at the total eclipse of May 29, 1919. *Proceedings of the Royal Society of London*, 638(92), 291-333.
- El Hanafy, W. (2022). Impact of Rastall Gravity on Mass, Radius, and Sound Speed of the Pulsar PSR J0740+ 6620. *The Astrophysical Journal*, 940, 51.
- Errehymy, A., Mustafa, G., Khedif, Y., & Daoud, M. (2022). Exploring physical features of anisotropic quark stars in Brans-Dicke theory with a massive scalar field via embedding approach. *Chinese Physics C*, 46(4), 045104.
- Fujii, Y., & Maeda, K.-i. (2003). *The scalar-tensor theory of gravitation*. Cambridge University Press.
- Glendenning, N. (2012). *Compact stars: Nuclear physics, particle physics and general relativity*. Springer Science & Business Media.
- Glendenning, N. (2012). *Compact stars: Nuclear physics, particle physics and general relativity*. Springer Science and Business Media.
- Haensel, P., Zdunik, J., & Schaefer, R. (1986). Strange quark stars. *Astronomy and Astrophysics*, 160, 121-128.
- Hansraj, S., Banerjee, A., & Channuie, P. (2019). Impact of the Rastall parameter on perfect fluid spheres. *Annals of Physics*, 400, 320-345.
- Harrison, B., Thorne, K., Wakano, M., & Wheeler, J. (1965). *Gravitational Theory and Gravitational Collapse*. University of Chicago Press.
- Hartle, J. (1967). Slowly rotating relativistic stars. I. Equations of structure. *The Astrophysical Journal*, 150, 1005.

- Hartle, J., & Thorne, K. (1968). Slowly rotating relativistic stars. II. Models for neutron stars and supermassive stars. *The Astrophysical Journal*, 153, 807.
- Heintzmann, H., & Hillebrandt, W. (1975). Neutron stars with an anisotropic equation of state-mass, redshift and stability. *Astronomy and Astrophysics*, 38, 51-55.
- Heydarzade, Y., Moradpour, H., & Darabi, F. (2017). Black hole solutions in Rastall theory. *Canadian Journal of Physics*, 95(12), 1253-1256.
- Hillebrandt, W., & Steinmetz, K. (1976). Anisotropic neutron star models- Stability against radial and nonradial pulsations. *Astronomy and Astrophysics*, 53, 283-287.
- Hinderer, T. (2008). Tidal Love numbers of neutron stars. *The Astrophysical Journal*, 677(2), 1216.
- Horvat, D., Ilijić, S., & Marunović, A. (2010). Radial pulsations and stability of anisotropic stars with a quasi-local equation of state. *Classical and Quantum Gravity*, 28(2), 025009.
- Kerner, R. (1982). Cosmology without singularity and nonlinear gravitational Lagrangians. *General Relativity and Gravitation*, 14, 453-469.
- Li, X.-D., Bombaci, I., Dey, M., Dey, J., & Van Den Heuvel, E. (1999). Is SAX J1808. 4-3658 a strange star? *Physical Review Letters*, 83, 3776.
- Mathur, S. (2009). The information paradox: a pedagogical introduction. *Classical and Quantum Gravity*, 26(22), 224001.
- Maulana, H., & Sulaksono, A. (2019). Impact of energy-momentum nonconservation on radial pulsations of strange stars. *Physical Review D*, 100(12), 124014.
- Nashed, G., & Hanafy, W. (2022). Non-trivial class of anisotropic compact stellar model in Rastall gravity. *The European Physical Journal C*, 82, 679.
- Peebles, P. (1993). *Principles of physical cosmology* (Vol. 27). Princeton university press.
- Peebles, P., James, E., & Ratra, B. (2003). The cosmological constant and dark energy. *Reviews of modern physics*, 75(2), 559.
- Perlmutter, S., Aldering, G., Goldhaber, G., Knop, R., Nugent, P., Castro, P., . . . Groom, D. (1999). Measurements of  $\Omega$  and  $\Lambda$  from 42 high-redshift supernovae. *The Astrophysical Journal*, 517(2), 565.
- Pretel, J. (2020). Equilibrium, radial stability and non-adiabatic gravitational collapse of anisotropic neutron stars. *The European Physical Journal C*, 80, 726.
- Psaltis, D., Özel, F., & Chakrabarty, D. (2014). Prospects for measuring neutron-star masses and radii with X-ray pulse profile modeling. *The Astrophysical Journal*, 787(2), 136.

- Rahmansyah, A., & Sulaksono, A. (2021). Recent multimessenger constraints and the anisotropic neutron star. *Phys. Rev. C*, *104*, 065805.
- Randall, L. (2002). Extra dimensions and warped geometries. *Science*, *296*, 1422-1427.
- Rastall, P. (1972). Generalization of the Einstein theory. *Physical Review D*, *6*(12), 3357.
- Ren-xin, X., & Guo-jun, Q. (1998). Bare Strange Stars Might Not Be Bare. *Chinese physics letters*, *15*(12), 934.
- Riess, A., Filippenko, A., Challis, P., Clocchiatti, A., Diercks, A., Garnavich, P., . . . Kirshner, R. (1998). Observational evidence from supernovae for an accelerating universe and a cosmological constant. *The Astronomical Journal*, *116*(3), 1009.
- Ruderman, M. (1972). Pulsars: structure and dynamics. *Annual Review of Astronomy and Astrophysics*, *10*, 427.
- Schilling, G. (2017). *Ripples in spacetime: Einstein, gravitational waves, and the future of astronomy*. Harvard University Press.
- Singh, A., & Mishra, K. (2020). Aspects of some Rastall cosmologies. *The European Physical Journal Plus*, *135*, 1-18.
- Tangphati, T., Banerjee, A., Hansraj, S., & Pradhan, A. (2023). The criteria of the anisotropic quark star models in Rastall gravity. *Annals of Physics*, *452*, 169285.
- Thorne, K. (1995). *Black Holes & Time Warps: Einstein's Outrageous Legacy (Commonwealth Fund Book Program)*. WW Norton & Company.
- Tian, Y., & Hsia, Y. (n.d.). Rotational velocity of a spiral galaxy under modified gravity. *Physical Review D*, *90*, 044027.
- Turyshev, S., Shao, M., Nordvedt, K., & Hellings, R. (2007). The mission of a Lunar Gravitational Reference Sensor. *General Relativity and Gravitation*, *39*(10), 1569-1591.
- Vessot, R., Levine, M., Mattison, E., Blomberg, E., Hoffman, T., Nystrom, G., . . . Baugher, C. (1980). Test of relativistic gravitation with a space-borne hydrogen maser. *Physical Review Letters*, *45*(26), 2081.
- Yagi, K., & Yunes, N. (2013). I-Love-Q relations in neutron stars and their applications to astrophysics, gravitational waves, and fundamental physics. *Physical Review D*, *88*(2), 023009.
- Yagi, K., & Yunes, N. (2013). I-Love-Q: Unexpected universal relations for neutron stars and quark stars. *Science*, *341*(6144), 365-368.
- Yagi, K., & Yunes, N. (2015). I-Love-Q anisotropically: Universal relations for compact stars with scalar pressure anisotropy. *Physical Review D*, *91*(12), 123008.

- Yagi, K., Kyutoku, K., Pappas, G., Yunes, N., & Apostolatos, T. (2014). Effective no-hair relations for neutron stars and quark stars: relativistic results. *Physical Review D*, 89(12), 124013.
- Zarate Pretel, J., & Mota, C. (2023). Compact stars in Rastall Gravity: Hydrostatic Equilibrium and Radial Pulsations. *SSRN*, 432.

