



DAFTAR PUSTAKA

- Abdalla, M. C. B., Nojiri, S. dan Odintsov, S. D., 2005. Consistent modified gravity: Dark energy, acceleration and the absence of cosmic doomsday, *Class. Quant. Grav.*, 22, p. L35.
- Akrami, Y., Arroja, F., Ashdown, M., Aumont, J., Baccigalupi, C., Ballardini, M., Banday, A. J., Barreiro, R., Bartolo, N., Basak, S. dkk., 2020. Planck 2018 results-x. constraints on inflation, *Astronomy & Astrophysics*, 641, p. A10.
- Appleby, S. A. dan Battye, R. A., 2008. Aspects of cosmological expansion in $F(R)$ gravity models, *Journal of Cosmology and Astroparticle Physics*, 2008(05), p. 019.
- Appleby, S. A., Battye, R. A. dan Starobinsky, A. A., 2010. Curing singularities in cosmological evolution of $F(R)$ gravity, *Journal of Cosmology and Astroparticle Physics*, 2010(06), p. 005.
- Arbuzova, E., Dolgov, A. dan Reverberi, L., 2012. Curvature oscillations in modified gravity and high energy cosmic rays, *The European Physical Journal C*, 72, p. 1–5.
- Bamba, K., Geng, C.-Q. dan Lee, C.-C., 2011. Phantom crossing in viable $f(R)$ theories, *International Journal of Modern Physics D*, 20(08), p. 1339–1345.
- Bamba, K., Myrzakulov, R., Nojiri, S. dan Odintsov, S. D., 2012. Reconstruction of $f(T)$ gravity: Rip cosmology, finite-time future singularities, and thermodynamics, *Physical Review D—Particles, Fields, Gravitation, and Cosmology*, 85(10), p. 104036.
- Bamba, K., Nojiri, S. dan Odintsov, S. D., 2011. Time-dependent matter instability and star singularity in $F(R)$ gravity, *Physics Letters B*, 698(5), p. 451–456.
- Bamba, K., Odintsov, S. D., Sebastiani, L. dan Zerbini, S., 2010. Finite-time future singularities in modified Gauss-Bonnet and $F(R, G)$ gravity and singularity avoidance, *Eur. Phys. J. C*, 67, p. 295–310.
- Barrientos O., J. dan Rubilar, G. F., 2016. Surface curvature singularities of polytropic spheres in Palatini $f(R, T)$ gravity, *Phys. Rev. D*, 93(2), p. 024021.

- Capozziello, S., De Laurentis, M., Nojiri, S. dan Odintsov, S., 2009. Classifying and avoiding singularities in the alternative gravity dark energy models, *Physical Review D—Particles, Fields, Gravitation, and Cosmology*, 79(12), p. 124007.
- Carroll, S. M., 2019. *Spacetime and Geometry: An Introduction to General Relativity*, Cambridge University Press.
- Collaboration, P., Aghanim, N., Akrami, Y., Arroja, F., Ashdown, M., Aumont, J., Baccigalupi, C., Ballardini, M., Banday, A., Barreiro, R. dkk., 2020. Planck 2018 results, *A&A*, 641, p. A1.
- De Felice, A. dan Tsujikawa, S., 2010. $f(R)$ theories, *Living Rev. Rel.*, 13, p. 3.
- Dutta, K., Panda, S. dan Patel, A., 2015. Curvature singularity in $f(R)$ theories of gravity, *Physical Review D*, 92(6), p. 063503.
- Freedman, W. L. dkk., 2001. Final results from the Hubble Space Telescope key project to measure the Hubble constant, *Astrophys. J.*, 553, p. 47–72.
- Frolov, A. V., 2008. A Singularity Problem with $f(R)$ Dark Energy, *Phys. Rev. Lett.*, 101, p. 061103.
- Gadbail, G. N., Arora, S., Sahoo, P. K. dan Bamba, K., 2024. Reconstruction of the singularity-free $f(\mathcal{R})$ gravity via Raychaudhuri equations, *Eur. Phys. J. C*, 84(7), p. 752.
- Hobson, M. P., Efstathiou, G. P. dan Lasenby, A. N., 2006. *General relativity: an introduction for physicists*, Cambridge university press.
- Hu, W. dan Sawicki, I., 2007. Models of $f(R)$ Cosmic Acceleration that Evade Solar-System Tests, *Phys. Rev. D*, 76, p. 064004.
- Kallos, R. dan Linde, A., 2015. Planck, LHC, and α -attractors, *Phys. Rev. D*, 91, p. 083528.
- Kobayashi, T. dan Maeda, K.-i., 2009. Can higher curvature corrections cure the singularity problem in $f(r)$ gravity?, *Phys. Rev. D*, 79, p. 024009.
- Lee, C.-C., Geng, C.-Q. dan Yang, L., 2012. Singularity phenomena in viable $f(R)$ gravity, *Prog. Theor. Phys.*, 128, p. 415–427.



- Miranda, T., Fabris, J. C. dan Piattella, O. F., 2017. Reconstructing a $f(R)$ theory from the α -Attractors, *JCAP*, 09, p. 041.
- Reverberi, L., 2013. Curvature singularities from gravitational contraction in $f(R)$ gravity, *Phys. Rev. D*, 87(8), p. 084005.
- Seahra, S. S. dan Boehmer, C. G., 2009. Einstein static universes are unstable in generic $f(R)$ models, *Phys. Rev. D*, 79, p. 064009.
- Sebastiani, L., Cognola, G., Myrzakulov, R., Odintsov, S. D. dan Zerbini, S., 2014. Nearly Starobinsky inflation from modified gravity, *Phys. Rev. D*, 89(2), p. 023518.
- Sotiriou, T. P. dan Faraoni, V., 2010. $f(R)$ Theories Of Gravity, *Rev. Mod. Phys.*, 82, p. 451–497.
- Starobinsky, A. A., 1980. A New Type of Isotropic Cosmological Models Without Singularity, *Phys. Lett. B*, 91, p. 99–102.
- Starobinsky, A. A., 2007. Disappearing cosmological constant in $f(R)$ gravity, *JETP Lett.*, 86, p. 157–163.
- Trivedi, O., Khlopov, M., Levi Said, J. dan Nunes, R. C., 2023. Cosmological singularities in $f(T, \phi)$ gravity, *Eur. Phys. J. C*, 83(11), p. 1017.
- Tsujikawa, S., 2008. Observational signatures of $f(R)$ dark energy models that satisfy cosmological and local gravity constraints, *Phys. Rev. D*, 77, p. 023507.