

Publications

1. **A. Ravanpak** and G. F. Fadakar, "Constant-roll inflation in brane induced gravity cosmology", Eur. Phys. J. C **82**, 924 (2022).
2. M. R. Setare, **A. Ravanpak**, K. Bahari and G. F. Fadakar, "Warm constant-roll inflation in brane-world cosmology", accepted to be published in Int. J. Mod. Phys. D (2021).
3. **A. Ravanpak** and G. F. Fadakar, "The Stability Analysis of Brane Induced Gravity with Quintessence Field on the Brane with a Gaussian Potential", Int. J. Mod. Phys. D **30**, 2150006 (2021).
4. **A. Ravanpak** and G. F. Fadakar, "Dynamical system analysis of Randall-Sundrum model with tachyon field on the brane", Phys. Rev D **101**, 103525 (2020).
5. **A. Ravanpak** and G. F. Fadakar, "Stability analysis of normal DGP braneworld model with agegraphic dark energy", Can. J. Phys. **98**, 778 (2020).
6. **A. Ravanpak** and G. F. Fadakar, "Dynamical system analysis of brane induced gravity with tachyon field", Class. Quantum Grav. **36**, 235003 (2019).
7. **A. Ravanpak** and G. F. Fadakar, "Interacting agegraphic dark energy model in DGP braneworld cosmology: Dynamical system approach", Mod. Phys. Lett. A **34**, 1950105 (2019).
8. M. R. Setare, **A. Ravanpak** and H. Farajollahi, "Polytropic inspired inflation on the brane", Gravit. Cosmol. **24**, 52 (2018).
9. S. Capozziello, O. Luongo, R. Pincak and **A. Ravanpak**, "Cosmic Acceleration in non-flat $f(T)$ Cosmology", Gen. Relat. Gravit. **50**, 53 (2018).
10. **A. Ravanpak**, H. Farajollahi and G. F. Fadakar, "Normal DGP in varying speed of light cosmology", Res. Astron. Astrophys. **17**, 26 (2017).
11. **A. Ravanpak**, H. Farajollahi and G. F. Fadakar, "Probing the Lambda-DGP Braneworld model", Res. Astron. Astrophys. **16**, 137 (2016).
12. **A. Ravanpak**, H. Farajollahi and G. F. Fadakar, "Tachyonic intermediate inflation in DGP cosmology with new observations", Astrophys. Space Sci. **361**, 43, (2016).
13. **A. Ravanpak** and F. Salmeh, "Logamediate inflation by tachyon field", Phys. Rev. D **89**, 063504 (2014).
14. H. Farajollahi, **A. Ravanpak**, H. Shojaie and M. Abolghasemi, "Generalized second law of thermodynamics with corrected entropy in tachyon cosmology", Astrophys. Space Sci. **350**, 1 (2013).
15. H. Farajollahi and **A. Ravanpak** "A 5D holographic dark energy in DGP-brane cosmology" Astrophys. Space Sci. **349**, 253 (2013).
16. H. Farajollahi, **A. Ravanpak** and G. F. Fadakar, "Cosmological constraints on agegraphic dark energy in DGP braneworld gravity", Astrophys. Space Sci. **348**, 253 (2013).

17. H. Farajollahi, **A. Ravanpak** and M. Abolghasemi, "Thermodynamics and holography of tachyon cosmology", *Gen. Relat. Gravit.* **45**, 465 (2013).
18. H. Farajollahi, **A. Ravanpak** and G. F. Fadakar, "Interacting agegraphic dark energy model in tachyon cosmology coupled to matter", *Phys. Lett. B* **711**, 225 (2012).
19. H. Farajollahi, **A. Ravanpak** and P. Wu, "Cosmic acceleration and phantom crossing in $f(T)$ -gravity", *Astrophys. Space Sci.* **338**, 195 (2012).
20. H. Farajollahi and **A. Ravanpak**, "Tachyon field in intermediate inflation on the brane", *Phys. Rev. D* **84**, 084017 (2011).
21. H. Farajollahi and **A. Ravanpak**, "Curvaton reheating and intermediate inflation in brane cosmology", *Can. J. Phys.* **89**, 1015 (2011).
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23. H. Farajollahi, **A. Ravanpak** and G. F. Fadakar, "Holographic dark energy in chameleon tachyon cosmology", *Astrophys. Space Sci.* **336**, 461 (2011).
24. H. Farajollahi and **A. Ravanpak**, "Dynamics of the universe as a "test 3-brane" in a 5D bulk", *Can. J. Phys.* **89**, 863 (2011).
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26. H. Farajollahi, **A. Ravanpak** and G. F. Fadakar, "The universe dynamics in the tachyon cosmology with non-minimal coupling to matter", *Mod. Phys. Lett. A* **26**, 1125 (2011).
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