







4- Astronomy Department

4-2 Stellar Laboratory

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* Scientific Publication (National& International)

- 1- Nasr Ahmed and S. Z. Alamri, A cyclic universe with varying cosmological constant in $f(R; T)$ gravity. 'Canadian Journal of physics 999, 1-8 (2019).
- 2- Nasr Ahmed, Ricci-Gauss-Bonnet holographic dark energy in Chern-Simons modified gravity. 2019, in press, Modern Physics Letters A. arXiv:1901.04849 [gr-qc].
- 3 - Nasr Ahmed and S. Z. Alamri, Cosmological determination to the values of the prefactors in the logarithmic corrected entropy-area relation. Astrophysics and Space Science (2019) 364:100. arXiv:1902.08027 [gr-qc].
- 4 - Nasr Ahmed and H. Rafat, space-time singularities and the theory of retracts. Physica Scripta 94 (2019) 085215. arXiv:1810.03978 [physics.gen-ph]
- 5- Nasr Ahmed, M. fekry and A. A. Shaker, Transition from decelerating to accelerating universe with quadratic equation of state in $f(R,T)$ gravity NRIAG Journal of Astronomy and Geophysics, Volume 8, 2019 - Issue 1
- 6- Nasr Ahmed, Crossing the phantom divide line in universal extra dimensions. 2019, Submitted to Physics of the Dark Universe . arXiv:1907.12968 [gr-qc].
- 7 - Nasr Ahmed, Cosmic deceleration-acceleration transition in Swiss-cheese Brane-worlds. 2019, Submitted to Can J phys. arXiv: 1904.11345 [gr-qc].

* Reviews of Papers (National& International)

4

* Conferences , Scientific Missions & Workshops

NA

* Projects

1

* Consultancy

many

* Supervision of M.Sc. / Ph.D.

NA

* Books

NA

* Other

NA