



Contribution ID: 220

Type: **Poster**

Physical Aspects of Cosmic Parameters in Modified Theory of Gravity

Friday, 15 December 2023 15:43 (1 minute)

For illustration of the cosmic accelerated expansion of the universe, we will consider the modified Friedmann equations of some torsion-based theory of gravity. In this way, the cosmological parameters such as equation of state, phase-plane, squared speed of sound etc are being developed and examined graphically. For more insights of parameters, power-law forms of scale factor and parameterized forms of Hubble parameter are utilized.

Primary author: RANI, Shamaila (Institute for Theoretical Physics and Cosmology, Zhejiang University of Technology, Hangzhou 310023, China)

Presenter: RANI, Shamaila (Institute for Theoretical Physics and Cosmology, Zhejiang University of Technology, Hangzhou 310023, China)

Session Classification: Poster