



Review Papers

Effective quantum gravity observables and locally covariant QFT

Kasia Rejzner

1630012

Results and strategies in dark matter detection

Pierluigi Belli

1630013

Possible physical explanation of the intrinsic $E_{p,i}$ -“intensity” correlation commonly used to “standardize” GRBs

Filippo Frontera, Lorenzo Amati, Ruben Farinelli, Simone Dichiara, Cristiano Guidorzi, Raffaella Landi, Lev Titarchuk

1630014

Research Papers

A study of phantom scalar field cosmology using Lie and Noether symmetries

Sourav Dutta, Subenoy Chakraborty

1650051

Quantum κ -deformed differential geometry and field theory

Flavio Mercati

1650053

Superresonance phenomenon from acoustic black holes in neo-Newtonian theory

I. G. Salako, Abdul Jawad

1650055

New cosmographic constraints on the dark energy and dark matter coupling

Yu. L. Bolotin, V. A. Cherkaskiy, O. A. Lemets

1650056

Phantom crossing with collisional matter in $f(T)$ gravity

M. Zubair

1650057

Quantum spectral dimension in quantum field theory

Gianluca Calcagni, Leonardo Modesto, Giuseppe Nardelli

1650058

Effects of tensor couplings of ω and ρ mesons on 1S_0 nucleon superfluidity in neutron star matter

Xiu-Lin Huang, Yan Xu, Cheng-Zhi Liu, Guang-Zhou Liu

1650059

Cosmological test with the QSO Hubble diagram

M. López-Corredoira, F. Melia, E. Lusso, G. Risaliti

1650060

Quantum radiation of Maxwell's electromagnetic field in nonstationary Kerr–de Sitter black hole

T. Ibungochouba Singh, I. Ablu Meitei, K. Yugindro Singh

1650061