



Reviews

The long journey to the Higgs boson and beyond at the LHC: Emphasis on ATLAS

Peter Jenni

1630041

Dimensional regularization is generic

Kazuo Fujikawa

1630042

Cosmology and supergravity

S. Ferrara, A. Kehagias, A. Sagnotti

1630044

Research Papers

Absorption of a particle by a rotating black hole: The potential barrier

Leon Heller

1650134

Impact of sterile neutrino dark matter on core-collapse supernovae

Mackenzie L. Warren, Grant J. Mathews, Matthew Meixner, Jun Hidaka, Toshitaka Kajino

1650137

Induction of the higher-derivative Chern–Simons extension in QED₃

M. A. Anacleto, F. A. Brito, O. Holanda, E. Passos, A. Yu. Petrov

1650140

Neutrino masses in the $SU(4)_L \otimes U(1)_X$ electroweak extension of the Standard Model

Guillermo Palacio

1650142

On uniqueness of T-duality with spectators

Ladislav Hlavatý, Filip Petrásek

1650143

The distributional zeta-function in disordered field theory

B. F. Svaiter, N. F. Svaiter

1650144

750 GeV diphoton resonance in a vector-like extension of Hill model at a 100 TeV hadron collider

Ning Liu, Wenyu Wang, Mengchao Zhang, Rui Zheng

1650145