



Brief Review

The force and gravity of events

Robert Delbourgo

1630015

Research Papers

Searching for dark matter constituents with many solar masses

Paul H. Frampton

1650093

Phase transitions of black holes in massive gravity

Sharmanthie Fernando

1650096

A varying polytropic gas universe and phase space analysis

M. Khurshudyan

1650097

Geometric phase of a spin-1/2 particle coupled to a quantum vector operator

Pedro Aguilar, Chryssomalis Chryssomalakos, Edgar Guzmán

1650098

Consistent simulation of direct-photon production in hadron collisions including associated two-jet production

Shigeru Odaka, Yoshimasa Kurihara

1650099

New supersymmetric black holes in four-dimensional $N = 2$ supergravity

Taniya Mandal, Prasanta K. Tripathy

1650100

Errata

Errata: "Quark ACM with topologically generated gluon mass"

Ishita Dutta Choudhury, Amitabha Lahiri

1692003