



Contribution ID: 112

Type: **Talk in the parallel session**

Double photon ring of asymmetric thin-shell wormhole in Palatini $f(R)$ gravity

Tuesday, 6 July 2021 10:00 (15 minutes)

We discuss the stability and appearance of an asymmetric thin-shell wormhole supported by positive energy sources within the Palatini $f(R)$ gravity. Such object is build using a matching procedure of two Reissner-Nordström space-times with different masses and charges via suitable junction conditions.

Primary author: GUERRERO, Merce (UCM)

Presenter: GUERRERO, Merce (UCM)

Session Classification: Wormholes, Energy Conditions and Time Machines

Track Classification: Alternative Theories: Wormholes, Energy Conditions and Time Machines