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## **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.

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**Session Classification:** Wormholes, Energy Conditions and Time Machines

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