Sixteenth Marcel Grossmann Meeting



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Type: Talk in the parallel session

Newtonian force or non-inertial motion

Thursday, 8 July 2021 18:35 (25 minutes)

In this talk we present how the Newtonian force of gravity of a central field corresponds exactly to the force experienced by a stationary observer in Schwarzschild spacetime. This exercise does not require any approximation nor further assumptions and relies solely in the geometrised Newton's second law.

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