ID de Contribution: **19**   Type: **Contributed talk**

Birkhoff theorem in theories with torsion

jeudi 28 juin 2018 18:00 (20 minutes)

In this talk I will present some recent results about the Birkhoff theorem in theories of gravity with non-vanishing torsion. Specifically, I will consider the most general quadratic Lagrangian, which depends on 9 parameters. Then, I will show that under some combination of the parameters, we can new theories in which the Birkhoff theorem holds. Moreover, other combinations allow us to find vacuum solutions different from Schwarzschild, that were not present in previous literature. Finally, I will explain the relation of these results with the stability conditions in these theories.

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