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Black holes in metric-affine gravity: properties and observational discriminators

Thursday, 8 July 2021 17:30 (25 minutes)

We present several families of black hole solutions in metric-affine theories of gravity with independent metric and affine connection. We show that the resolution of the singularity problem is a common feature of many such solutions, and discuss several strategies in terms of their observational discriminators as compared to GR canonical objects.

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