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Gravitational waves in quadratic gravity

Monday 1 September 2025 12:25 (35 minutes)

We will discuss the framework of quadratic gravity where both General Relativity (GR) and “hairy” black holes coexist. We explore the phenomenology of the solutions and go over the regime of stability. We will then examine quadratic gravity as a candidate for beyond-GR effects in current and upcoming gravitational wave (GW) observations.

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