

Eikonal QNMs of black holes beyond GR

Wednesday, January 15, 2020 3:15 PM (15 minutes)

In this talk we study the quasi-normal modes of spherically symmetric black holes in modified theories of gravity, allowing for couplings between the tensorial and scalar field degrees of freedom. Using the eikonal approximation and a largely theory-agnostic approach, we obtain analytical results for the fundamental mode of such black holes.

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