

Searching for isospectrality in General Relativity: black hole vs wormhole

The quasi-normal modes (QNMs) of a Morris-Thorne type wormhole (WH) are compared to the Schwarzschild black hole (BH) within General Relativity. We investigating the similarities between the two QNM spectra (numerical isospectrality) for perturbations of different spin. How well does a WH mimic the QNM spectrum of a BH ?

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