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Quasi-Normal Modes for Spin-3/2 Fields

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Abstract content (Max 300 words) **Formatting & Special chars**

The study of quasinormal modes (QNMs) in various black hole backgrounds has been done for spin-0, 1/2, 1, 2 particles. In this talk we will investigate the possible QNMs for spin-3/2 particles in Schwarzschild and Reissner-Nordstrom backgrounds, focusing on N-dimensional Schwarzschild black holes. We will use both the Asymmetric Iterative Method (AIM) and the Wentzel-Kramers-Brillouin (WKB) approximation in order to calculate these allowed QNMs.

Apply to be considered for a student award (Yes / No)?

Yes

Level for award (Hons, MSc, PhD, N/A)?

MSc

Main supervisor (name and email) and his / her institution

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Yes

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Yes

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