Type: Parallel oral presentation

Axially symmetric systems, rotating black holes, and gravitational decoupling.

Thursday 17 November 2022 14:45 (15 minutes)

This talk shows a general procedure to construct hairy rotating black holes by deforming a spherically symmetric solution following the Gravitational Decoupling approach. We demonstrate that, in comparison with the well-known Newman-Janis algorithm (with and without complexification), the application of our protocol is straightforward. We provide a particular example of a solution that reduces to the Kerr one, once the primary hair associated with it is turned off.

Poster fallback option for rejected abstracts for parallel oral presentations

No

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