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Investigation of Non-Symmetric Black Hole Mimickers

jeudi 3 juillet 2025 16:45 (30 minutes)

This presentation explores the classification of various configurations of
non-symmetric black hole mimickers, limited by the conditions
of spacetime regularity and geodesic completeness. For physically viable models, test metrics will be presented, and their parameters will
be analyzed in light of observational data from black hole shadow
experiments. Furthermore, scalar perturbations and the associated
quasinormal modes arising in these spacetimes will be discussed.

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