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Kerr Black Hole Dynamics from an Extended Polyakov Action

Wednesday 13 August 2025 11:30 (30 minutes)

We examine a hypersurface model for the classical dynamics of spinning black holes. Under specific rigid geometric constraints, it reveals an intriguing solution resembling expectations for the Kerr Black three-point amplitude. We explore various generalizations of this formalism and outline potential avenues for employing it to analyze spinning black hole attraction.

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