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The nonlinear stability of slowly rotating Kerr black holes

Thursday, 11 July 2024 17:00 (30 minutes)

The full proof of the nonlinear stability of Kerr consists of five papers, three written in collaboration with Jeremie Szeftel, one in collaboration with Elena and Jeremie Szeftel and another supporting paper authored by Dawei Shen. In my lecture I will describe the main architecture of the proof as well as some of the most important consequences.

Presenter: KLAINERMAN, Sergiu (Princeton U)

Session Classification: The largest energy BDHNS and their electrodynamical inner engine