

On Kerr stability conjecture for large angular momentum

Siyuan Ma

I will describe my joint work with Jeremie Szeftel (Sorbonne University) towards the Kerr stability conjecture for all angular momentum. Specifically, I will show the proofs of the energy and Morawetz estimates for general inhomogeneous wave and Teukolsky equations in perturbations of subextremal Kerr.