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Boson-star binaries and gravitational waves

Thursday, 28 July 2022 17:00 (45 minutes)

We present numerical simulations of boson-star binary systems and extract the gravitational waves emitted by these systems. We discuss numerical methods and with particular focus on improved initial data and the spurious effects that may result from inappropriate choices for the construction of initial data.

Presenter: Prof. SPERHAKE, Ulrich (University of Cambridge)

Session Classification: Invited talks