

Self-force theory and the gravitational two-body problem, part III

Tuesday, 25 July 2023 11:20 (45 minutes)

Gravitational self-force theory is the principal method of modelling compact binaries with small mass ratios. In these lectures, I describe the mathematical foundations of self-force theory, its place in the gravitational two-body problem, and its applications in gravitational-wave astronomy.

Primary author: POUND, Adam (University of Southampton)

Presenter: POUND, Adam (University of Southampton)

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