

The Gravitational Potential of Two Point Masses at Five Loops

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Higher-order corrections to the interaction potential between non-relativistic massive objects can be obtained systematically in a Post-Newtonian expansion in the small velocity and weak coupling. We present the calculation of these corrections up to five loops using techniques from multi-loop computations in high-energy physics.

Primary authors: BLUEMLEIN, Johannes (DESY); Dr MAIER, Andreas (DESY); MARQUARD, Peter (DESY)

Presenter: Dr MAIER, Andreas (DESY)

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