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High-order regularisation parameters for generic orbits in Kerr gravity.

We present the first high-order regularisation parameters for generic orbits in Kerr spacetime in the gravitational case. Such parameters enable a jump in efficiency for mode-sum self-force calculation and have been shown to be of particular importance in the case of resonances. We also present the updated Regularisation Mathematica Package which includes both the gravitational and electromagnetic parameters as part of the bhptoolkit.

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