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Comparing different metric reconstruction procedures in Kerr spacetime

Monday, 3 July 2023 10:00 (20 minutes)

We compute the metric perturbation for a point particle on a bound geodesic in Kerr spacetime using the CCK and AAB reconstruction procedures. We discuss the numerical advantages and disadvantages of these different approaches, and present how other researchers can use the numerical tools from this work to construct their own Kerr metric perturbations.

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