

Abstract Submitted
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Radiated Net Angular Momentum from Numerical Evolution of Black Hole Spacetimes RYOJI TAKAHASHI, Post Doctor, Louisiana State University — We examine the conservation of net angular momentum from numerical evolution of single rotation black hole spacetimes. From full 3D numerical evolution, we show that there is no net angular momentum radiate from axisymmetric data. We also show that net angular momentum radiated in gravitational waves consistent with measurements from horizon oscillations from non-axisymmetric data. From those results may address the question to current mathematical construction of binary black initial data of inner stable circular orbit.

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