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Comparing binary black hole evolutions using finite difference and spectral methods ENRIQUE PAZOS, University of Maryland, LARRY KIDDER, Cornell University, ABDUL MROUE, Canadian Institute for Theoretical Astrophysics, MANUEL TIGLIO, University of Maryland — We compare waveforms for binary black hole simulations using finite difference with adaptive mesh refinement and spectral methods with multiple domains. In both cases we use the exact same initial data, extracting waves at a fixed location and extrapolating them to infinity.

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