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## Real time evolution of scalar fields in semiclassical gravity

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We report on the development of a lattice formalism for studying the realtime behaviour of radially symmetric configurations of massless scalar fields in radially symmetric, curved spacetimes in 3+1 dimensions. It is intended to numerically study back reaction effects due to semiclassical gravity in the time evolution of scalar field configurations, especially for those that will eventually evolve into black holes.

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