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Post-Minkowski Perturbation Theory for the Periodic Standing-Wave Problem CHRISTOPHER BEETLE, Florida Atlantic University — This talk will present a formulation of post-Minkowski perturbation theory suitable for direct numerical implementation. It will discuss both the motion of sources and the generation of fields. This technique is currently being used to generate helically-symmetric solutions of the periodic standing-wave problem for binary black hole systems. This example will be used throughout to help clarify the motivation and content of the results.

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