Comparing the numerical redshift factor to analytic theory
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— The redshift factor $z$ is a quantity of fundamental interest in Post-Newtonian and self-force descriptions of binaries, allowing for interconnections between each theory. We have recently implemented a method for extracting the redshift factor from numerical simulations of binary black holes, and compared the redshift factor to analytic theory. I will present an update on our efforts to extend our analysis to high mass ratio simulations, in order to compare to self-force predictions.