The Final Spin of Black Hole Binaries ERIK SCHNETTER[1],
Louisiana State University — The evolution from the initial to the final state of
a generic binary black hole system can be viewed as black box, with just a few input
and output parameters such as masses and spins. Combining a series of numerical
simulations and certain reasonable assumptions, we derive accurate analytic expres-
sions describing the final state after the merger process, for the case of aligned spins
and non-eccentric orbits.

[1]AEI/CCT collaboration

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