Abstract Submitted
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Numerical Estimation of Keldysh-Countour Path Integrals for Nonequilibrium Problems[1] ANDREW MILLIS, Columbia University, PHILIPP WERNER — We propose an idea for simulating the dynamics of open (coupled to reservoirs) systems in a nonequilibrium steady state and present preliminary numerical results for the nonequilibrium spin boson and Anderson models. The method builds on the observation (Phys. Rev. Lett. **94** 076404) that out of equilibrium the Keldysh time evolution operator exhibits an exponential time decay, and uses the stochastic hybridization expansion techniques of Phys. Rev. Lett. **97**, 07640.

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