

- ✓ Přednáškový sál u knihovny, Cukrovarnická 10, Praha 6
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Continuous-Time Estimators in Hybridization-Expansion Continuous-Time Quantum Monte Carlo

Pavel Augustinský

University of Augsburg & Institute of Physics AS CR

Abstract. In our talk, we discuss technical aspects of measurement of Green's functions in the Hybridization-Expansion Continuous-Time Quantum Monte Carlo (CT-HYB) method. We introduce CT-HYB in general and explain the standard measurement procedure. We point out several weaknesses of the usual approach and propose an alternative measurement with improved estimators leading to a better statistics especially at low perturbation orders.