Improving energy resolution in NRG calculations for dynamic quantities

Motivated by the question, to what extent one can, within NRG, obtain spectral information on a per mille level even for hiughstructures, investigate the influence of the energy we discretization and broadening procedures the dynamical on single-impurity Anderson quantities for а model. We observe several artifacts which are partly due to numerical issues, but systematic nature connected to partly also of the actual discretization scheme employed in the NRG. We present a way to remove at least the latter artifacts and present high-resolution spectra for single-inpurity models as well as DMFT calculations.