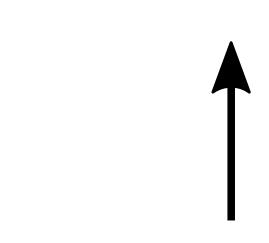
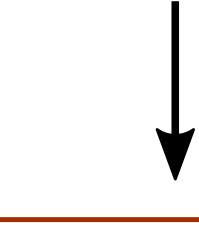
Bulk model defined by U, $G_{i,0}$

Define impurity $G_{d,0}=G_{i,0}$

Solve impurity self-energy $\Sigma_{\rm aux}$





Use new Σ_k to get $G_{i,0}$

 \mathcal{Z}_k

set bath self- energy: $\Sigma_k o \Sigma_{\mathrm{aux}}$