Input

System:
$$\hat{H}_S, \hat{V}_{SB}, \hat{\sigma}_0, \hat{A}$$
Bath: $J(\omega), \{\alpha_0, \alpha_1, ...\}$

Sec.II.B procedures

$$\begin{array}{c} \Omega_1, ..., \Omega_N \\ \hline \end{array} \qquad \begin{array}{c} \text{Eq. 13} \\ \tilde{\Omega}_0, ..., \tilde{\Omega}_{N-1} \\ \hline \end{array}$$

MKCT trauncation at $K_n(t)$ $M_1 + M_2 < N - n$

$$K_n(t) \approx p_{M_1}(t)/q_{M_2}(t)$$

MKCT ODE (Eq. 8)

$$\begin{array}{c} GQME \\ \hline \end{array} \qquad \begin{array}{c} C_{AA}(t) \\ \end{array}$$