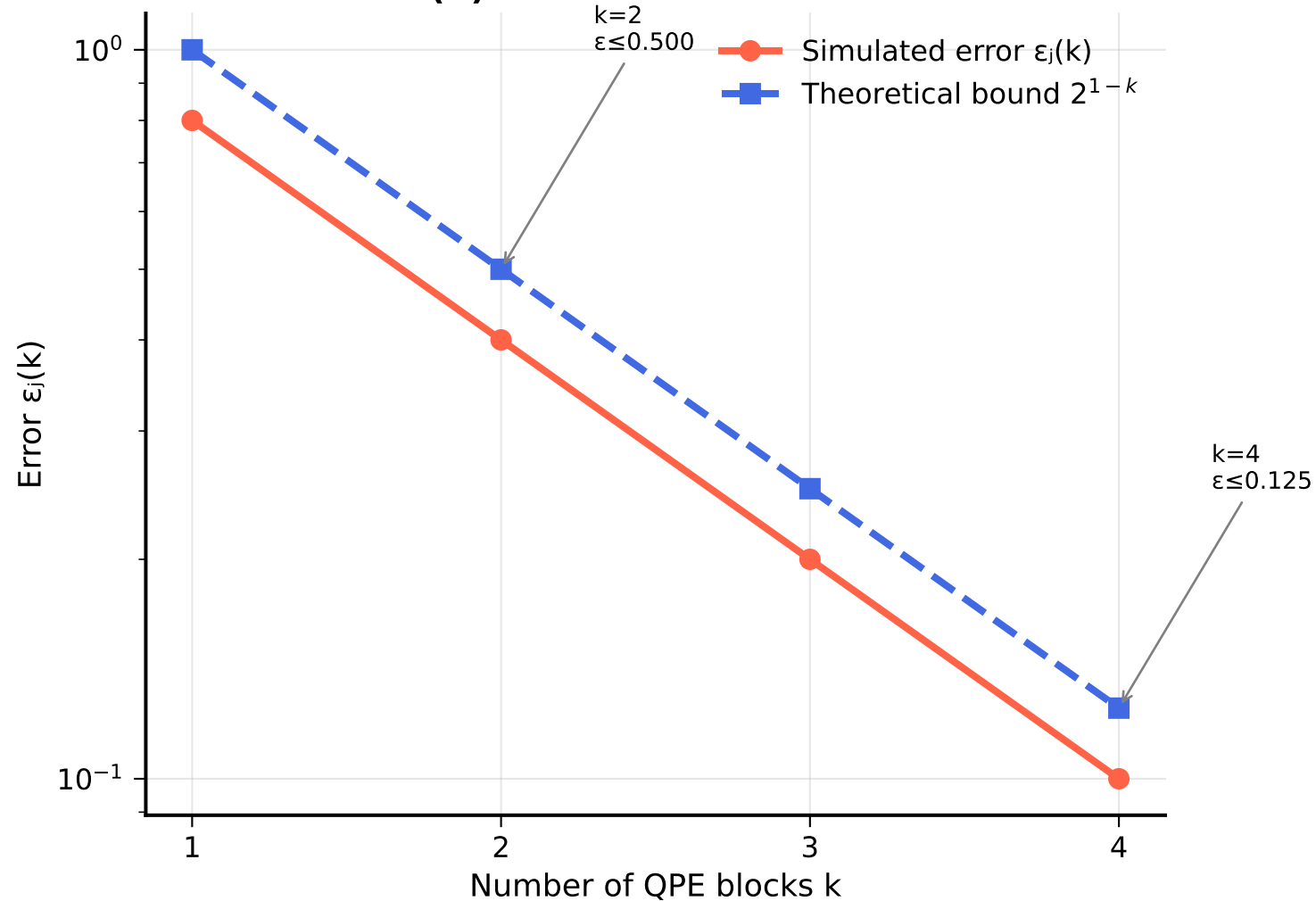


(A) Reflection Error vs k



(B) Stationary State Fidelities

k	F $\pi(k)$
1	0.000000
2	0.500000
3	0.750000
4	0.875000

High fidelity (>0.9) indicates good stationary state preservation. Error bound $\varepsilon_j(k) \leq 2^{1-k}$ shows exponential improvement with k.