

# Adaptive computational efficiency ( $kx = 1.0$ , grid = 64)

temporal relative error

$10^0$

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$10^{-6}$

$10^{-2}$

$10^{-1}$

runtime (sec)

