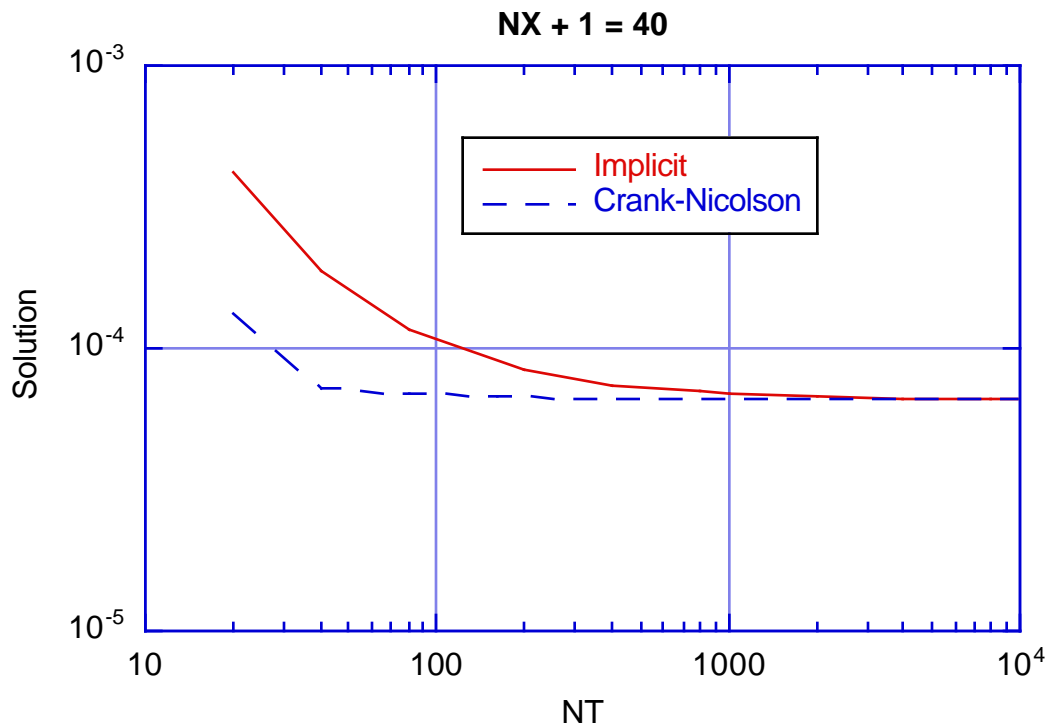
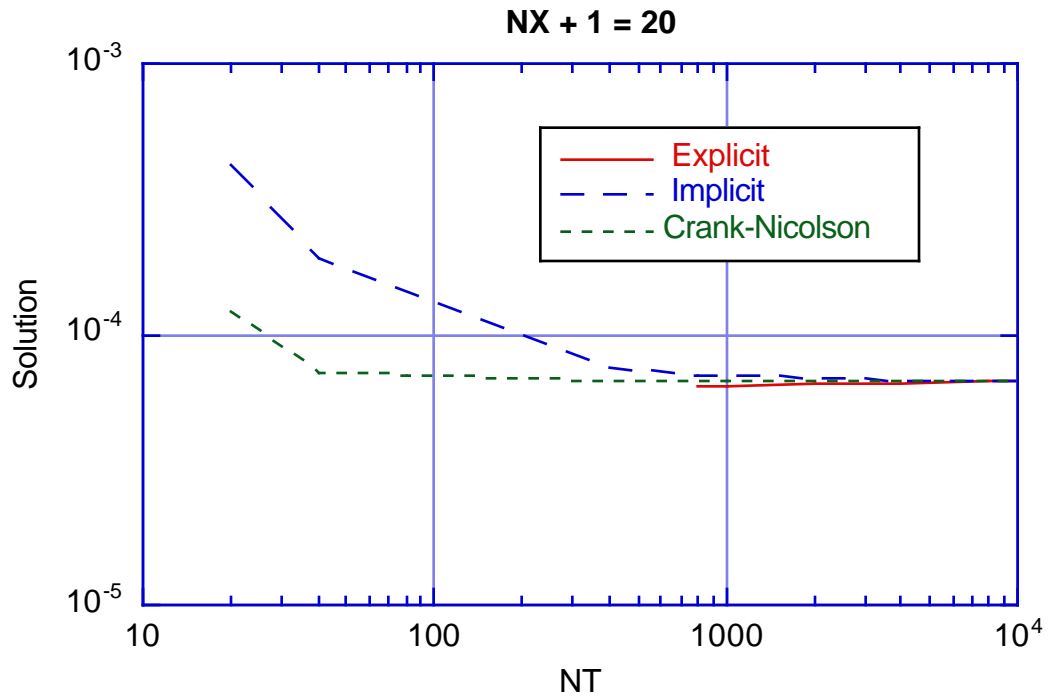
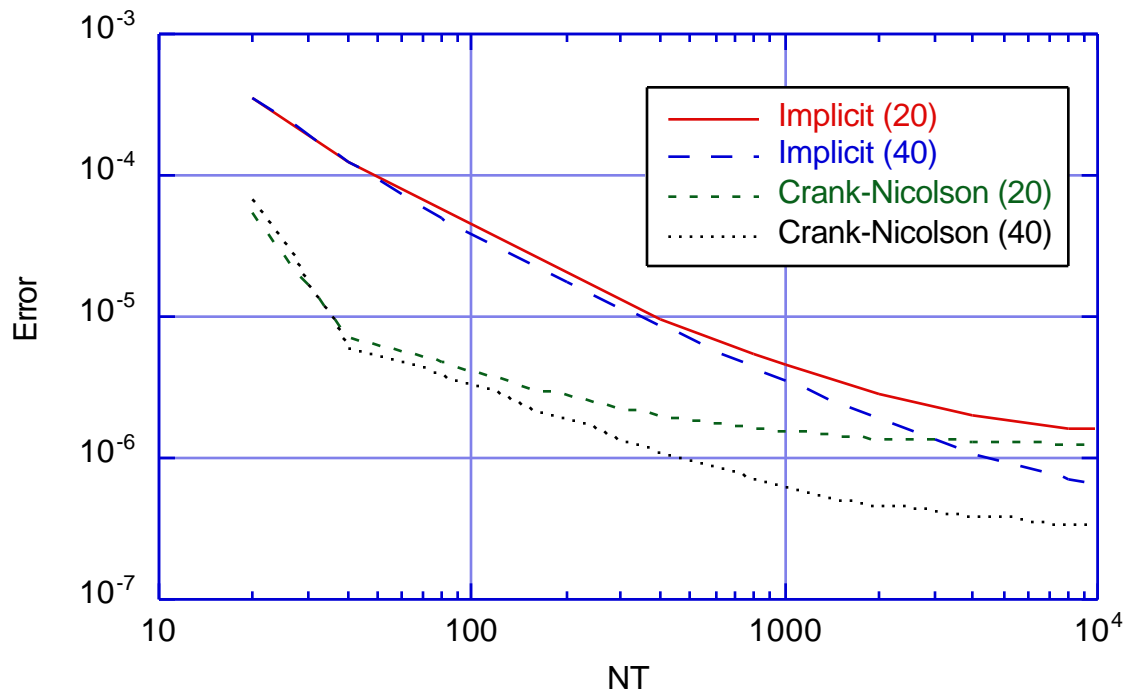


Convergence of Explicit, Implicit and Crank-Nicolson Methods

Solution Computed at $x = 0.5$



Error at $x = 0.5$



Fourier Series Solution at $t = 1$

