

EE 2240
Problem #08

The capacitor is initially uncharged when the switch is closed at $t=0$. Find an analytical expression for the energy stored in the capacitor for $t \geq 0$. Also use PSpice and Probe to plot the energy stored in the capacitor for $0 \leq t \leq 5\tau$, where τ is the circuit time constant for $t > 0$.

