

EE 2240
Problem #07

The switch has been closed for a long time before being opened at $t=0$. Find an analytical expression for $i_L(t)$ for $t \geq 0$. Also use SPICE-based simulation software to plot $i_L(t)$ for $0 \leq t \leq 5\tau$, where τ is the circuit time constant for $t > 0$.

