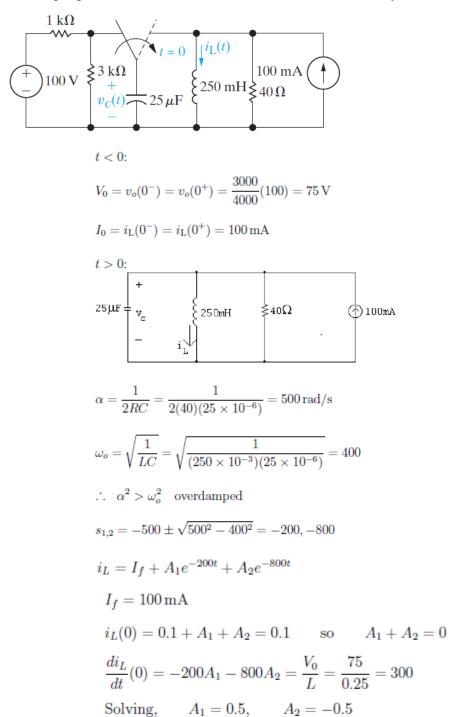
ECE222

Quiz 3

The switch in the circuit shown below has been in the left position for a long time before moving to the right position at t = 0. Find $i_L(t)$, $t \ge 0$. (Show all your work).



 $i_L(t) = 0.1 + 0.5e^{-200t} - 0.5e^{-800t} A$