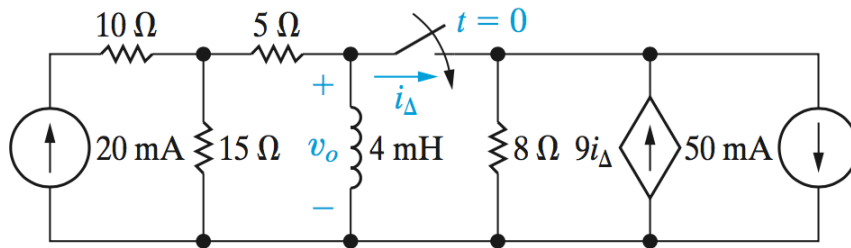


ELECTRICAL CIRCUITS

2020-2021 FALL SEMESTER
HOMEWORK #5
DUE TO: 02.02.2021 9:00 A.M.

An optional homework. +5 P will be added to the annual average of the students who submit their assignments.

1. The switch in the circuit has been open a long time before closing at $t = 0$. Find $v_o(t)$ for $t \geq 0$.



2. The switch in the following circuit has been closed for a long time before opening at $t = 0$. Find
 - a) $i_L(t)$, $t \geq 0$.
 - b) $V_L(t)$, $t \geq 0^+$.
 - c) $i_\Delta(t)$, $t \geq 0^+$.

