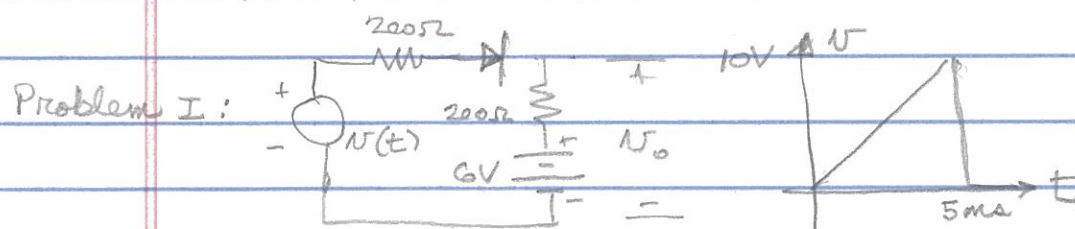
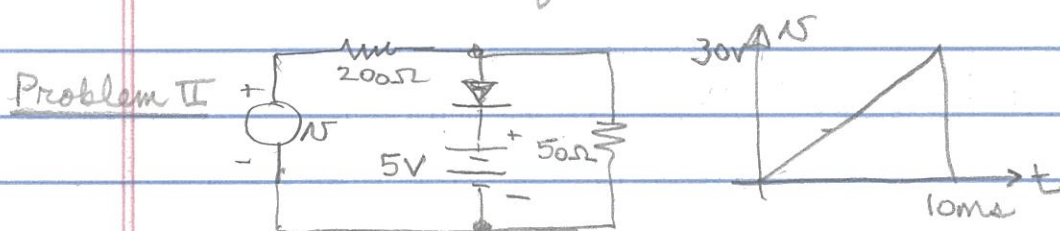


Text: 3.16, 3.24, 3.33



Sketch  $v_o(t)$  for  $0 \leq t \leq 5ms$ . Diode is ideal



Sketch  $v_o(t)$  for  $0 \leq t \leq 10ms$ . The diode is ideal.

### Problem III

Repeat Problem I for a "real" diode with a forward voltage of  $0.6V$  and series  $R = 25\Omega$

### Problem IV

Obtain the transfer characteristic for the circuit shown. The diodes are identical with  $V_{forward} = 0.6V$  and  $R = 0\Omega$

$$-9V \leq v \leq +9V$$

