

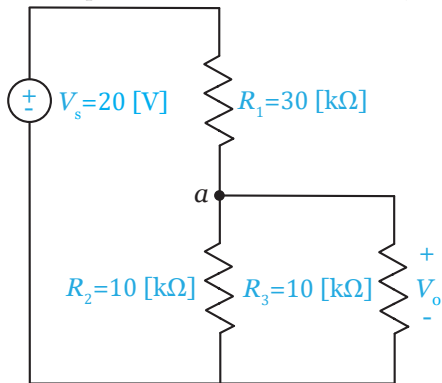
Series and Parallel Resistors and Sources

MEMS 0031 - Electrical Circuits

June 4, 2020

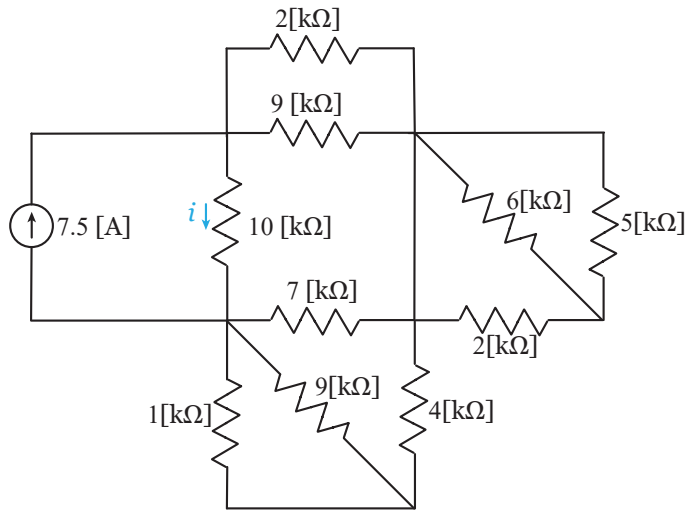
Problem #1 - Lectures 6 & 7

Given the potentiometer shown below, determine the output voltage V_o .



Problem #2 - Lectures 6 & 7

Find the voltage drop across the $10\text{ [k}\Omega\text{]}$ resistor.



Problem #3 - Lectures 6 & 7

Determine the values of v_1 , v_2 , i_3 , v_4 , v_5 , and i_6 in the circuit shown below.

