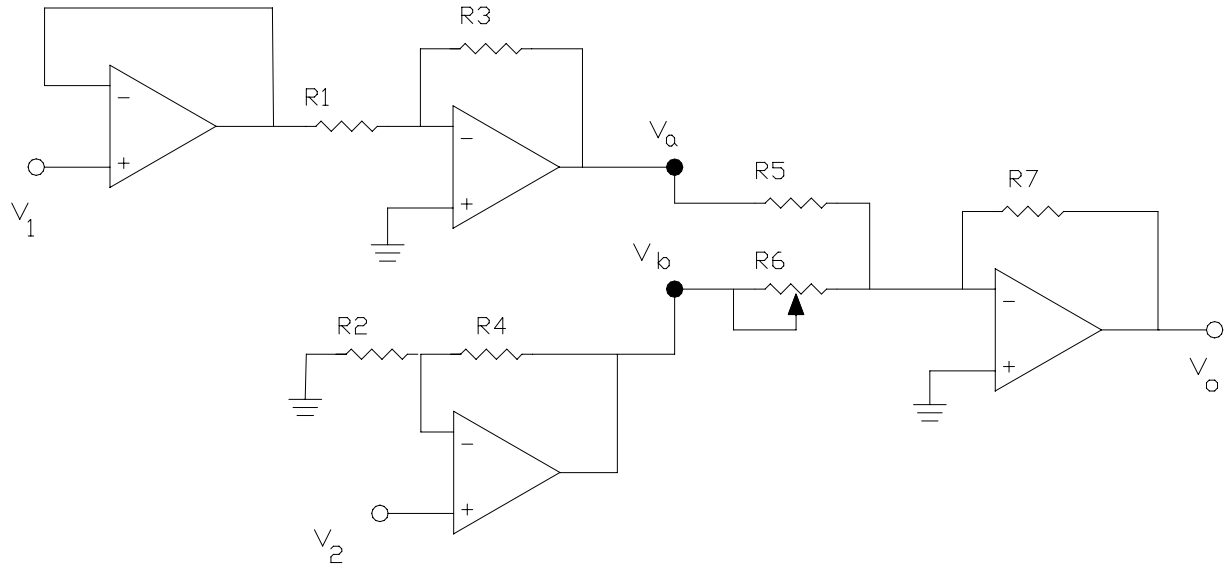
ET 438a
Continuous and Digital Control

Homework




For the circuit above the resistor values are:

$R_1$ = 470 kΩ $R_2$ = 10 kΩ $R_3$ = 100 kΩ
$R_4$ = 8.2 kΩ $R_5$ = 82 kΩ $R_6$ = set to 187 kΩ
$R_7$ = 270 kΩ

The values of input voltage are: $V_1$ = +3 Vdc
$V_2$ = -0.10 Vdc

Find the values of $V_a$, $V_b$ and $V_o$ for the circuit