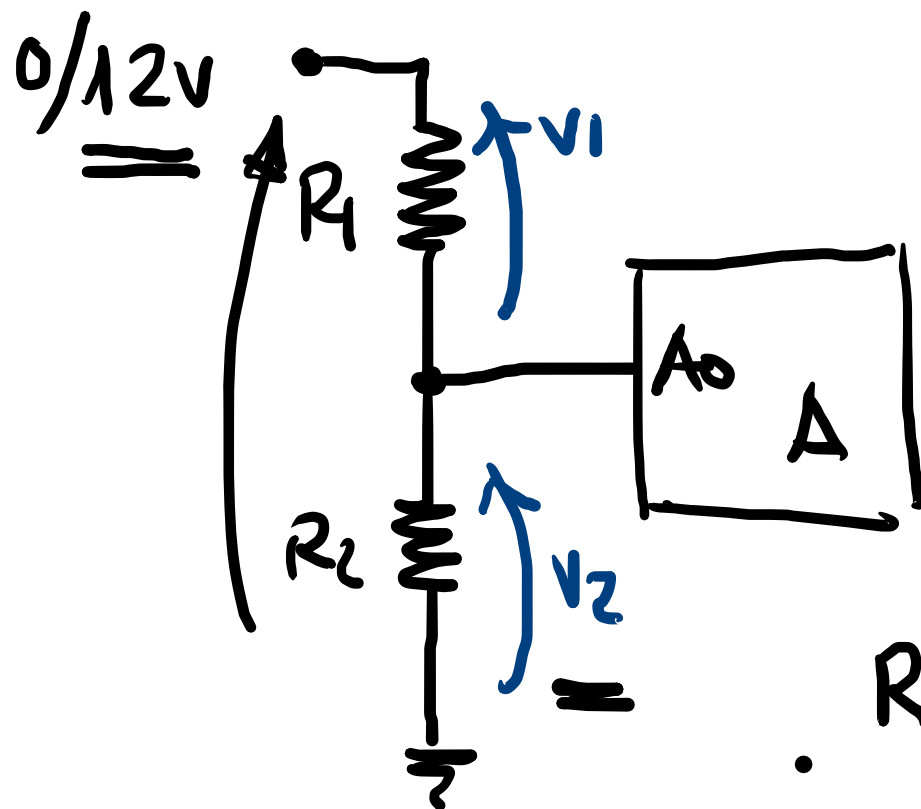


$$\frac{4.8 \text{ mV}}{1}$$

$$\frac{5000 \text{ mV}}{1024}$$



$$V_2 \leq 5V !$$

$$I = \frac{12}{100k} = 0,12 \text{ mA}$$

$$R_2 = \frac{V_2}{I} = \frac{5V}{0,12 \text{ mA}} = \frac{39k}{41,6k\Omega}$$

$$R_1 = 100k - 39k = \frac{61k\Omega}{65k}$$

0/12v

A

~ 0/5v ~

0/1023

