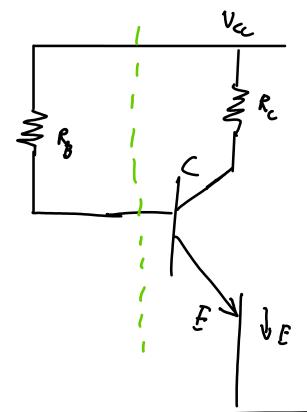
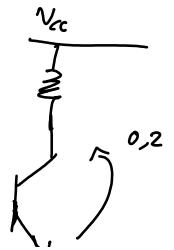
## Transistor pt2

Tuesday, December 3, 2024 11:57 AM



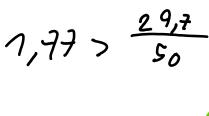
$$V_{CC} = 10V$$
 $h_{FC} = 50$ 
 $R_{B} = 5,2 \text{ K.} \Omega$ 
 $R_{C} = 0,53 \text{ K.} \Omega$ 
 $V_{CE} = 0,2V / V_{RE} = 0,8V$ 

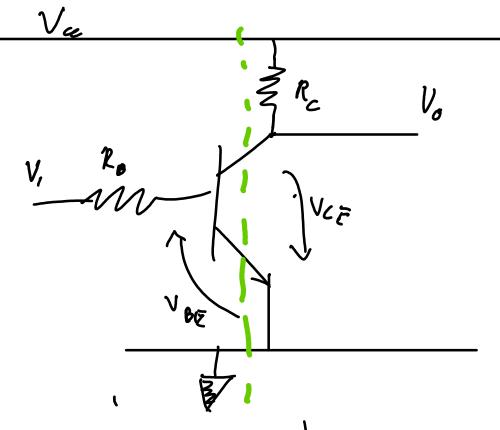
$$I_B = \frac{10 - 0.18}{5.2 \, \text{k}} = 1.77 \, \text{mA}$$



$$I_{p} = \frac{V_{c}-9/2}{R_{c}} = 29,7 \text{ mA}$$







$$h_{FB} = \beta$$

$$R_{B} = 1$$

$$R_{C} = 1$$

$$V_{E} = 0$$

$$V_{BE} = 0$$

Vcc =



