

Ex1

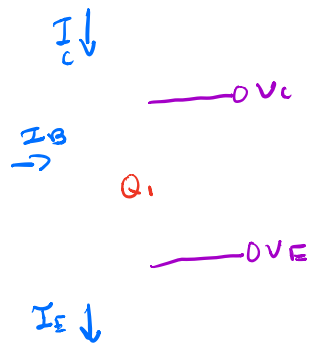
Ex2

Ex3

i_c

I_s

BJT at DL examples.



Ex 2

$I_C \downarrow$

$I_B \rightarrow$

\downarrow
 I_E

$$I_E = .93 \text{ mA}$$

$$I_C = .912 \text{ mA}$$

$$I_B = .018 \text{ mA}$$

$$V_C = 5.44 \text{ V}$$

$PnpE+$

$I_E \downarrow$

I_B
 \downarrow Q_1

$I_C \downarrow$