

TIME .

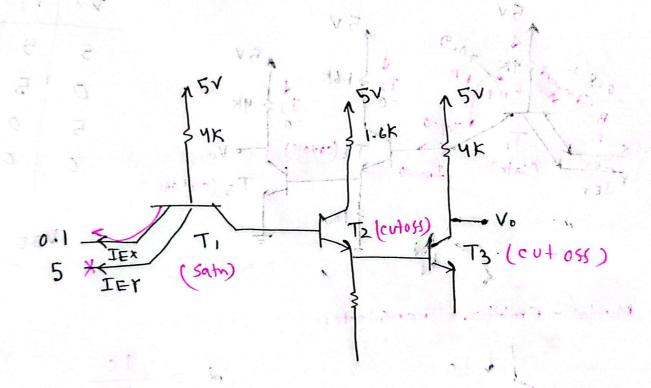
DATE:

$$I_1 = \frac{5-0.9}{9} = 1.025 \text{ mA} = I_{B1}$$

$$\beta$$
 fonced = $\frac{Ic_1}{IB_1} = 0 < \beta_F$

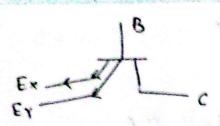
Ti is in saturation.

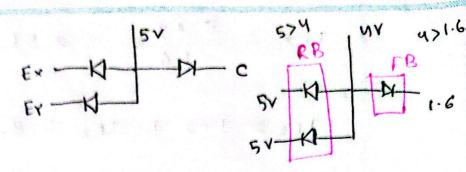
$$T_{EX} = T_{EY} + \frac{T_B}{2} = \frac{T_1}{2} = 0.5125 \text{ mA}$$



TIME

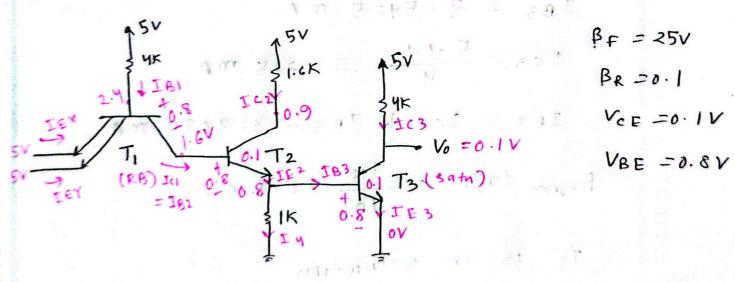
DATE





(Revene Active)

$$\begin{array}{c}
0 & \beta_R = \frac{T_E}{I_B} \\
2 & T_C = I_E + I_B
\end{array}$$



$$IB_1 = \frac{5-2.4}{9} = 0.65 \text{ mA}$$

$$B_R = \frac{IEX}{IB_1} \qquad \therefore IEX = IEY = 0.065 \text{ mA}$$

$$IC_1 = IB_2 = TEX + IEY + IB_1 = 0.78 \text{ mA}$$

TOPIC NAME: ©Azmari Sultana

DATE:

12:

Ta is in saturation.

$$T_2 - is in saturation.$$

$$T_4 = \frac{0.8 - 0}{1} = 0.8 \text{ mA}$$

IE3 = Ic3 + IB3 = 3.7675 min
Bronce (T3) =
$$\frac{\text{Tc3}}{\text{IB3}}$$
 = 0.75 < 25.

T3 is in saturation.

DAY:

DATE: /

Pais = (5-2.4) IB, +(5-2.4) X IEX X 2 +(2.4-1.6) IB, +(1.6-0.8) IB 2 +(0.8-0) I4 +(5-0.9) IC2 +(5-0.4) IC3 +(0.8-0) IB3 +(0.9-0.8) IC2