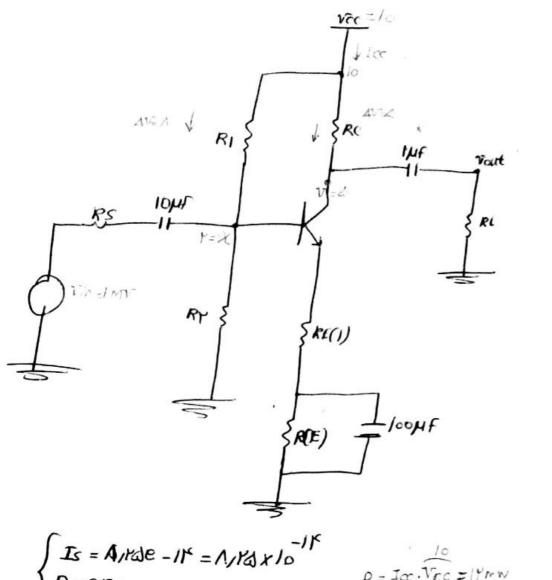
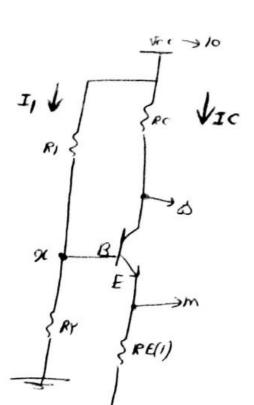
الكيل سنول ا



B=100





ازم رامهنس ، صرف على كمنير

$$\int Ic = \frac{10 - \Delta}{RC} = \frac{\Delta}{RC}$$

$$\mathcal{H} \Rightarrow 014 = \frac{d}{Rc} \Rightarrow \left[RC = N^{\mu\nu} \right]$$

$$V_{RE} = V_{T} Ln\left(\frac{Ic}{Is}\right) \implies \begin{cases} I_{S} = \Lambda_{HS} \times I_{0}^{-11^{c}} \\ V_{T} = Y_{Y} m V \end{cases} : V_{BE} = Y_{Y} \left[Ln\left(\frac{O_{Y}}{\Lambda_{HS} \times I_{0}^{-11^{c}}}\right) \right]$$

$$V_{BE} \simeq O_{1}Y$$

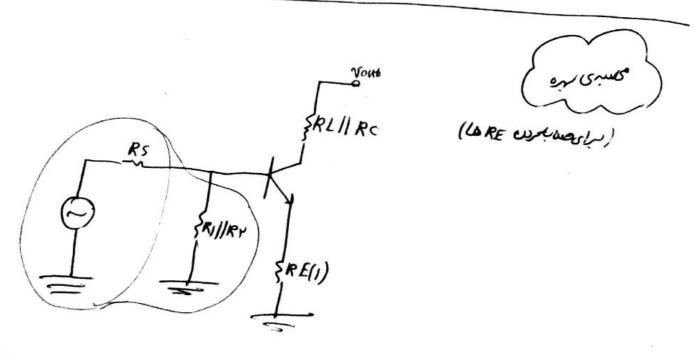
$$99 = Y - (RE(I) + RE(Y)) = 31$$

$$RE(I) + RE(Y) = 9$$

$$RE(I) + RE(Y) = 9$$

$$RE(I) + RE(Y) = 9$$

KVL:
$$R = \frac{V_{CC} \cdot VR}{II} \implies R_1 = \frac{IO - V}{OID} \implies R_1 = \frac{IY}{R} = \frac{IY}$$



$$AV = \frac{Vaub}{Vin} = \frac{RillRC}{\frac{1}{2m} + RE(1) + \frac{(RillRY|1RS)}{RillRY + RS}}{\frac{1}{2m} + RE(1) + \frac{(RillRY|1RS)}{RIllRY + RS}} \frac{R_{1}|1RY}{R_{1}|1RY} + RS$$

$$\frac{Voud}{Vin}$$

$$R_{1} = 9R = 9R = 9R = 10$$

$$R_{2} = 9R = 10$$

$$R_{3} = 9R = 10$$

$$R_{4} = 9R = 10$$

$$R_{5} = 9R = 10$$

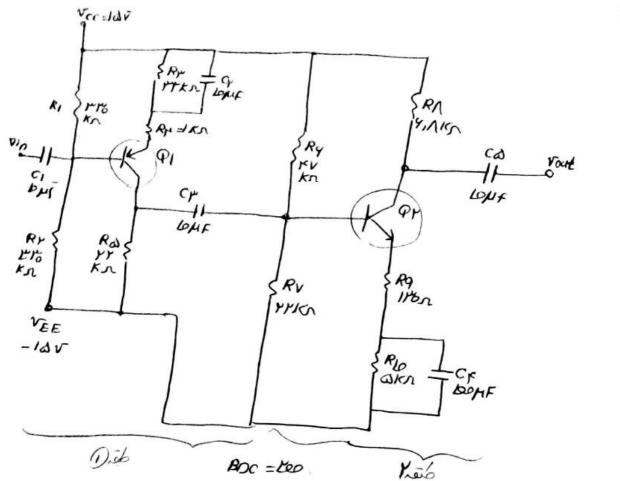
$$R_{7} = 9R = 10$$

$$R_{8} = 10$$

$$R_{7} = 10$$

$$R_$$





() سره ولعار طبقه اول

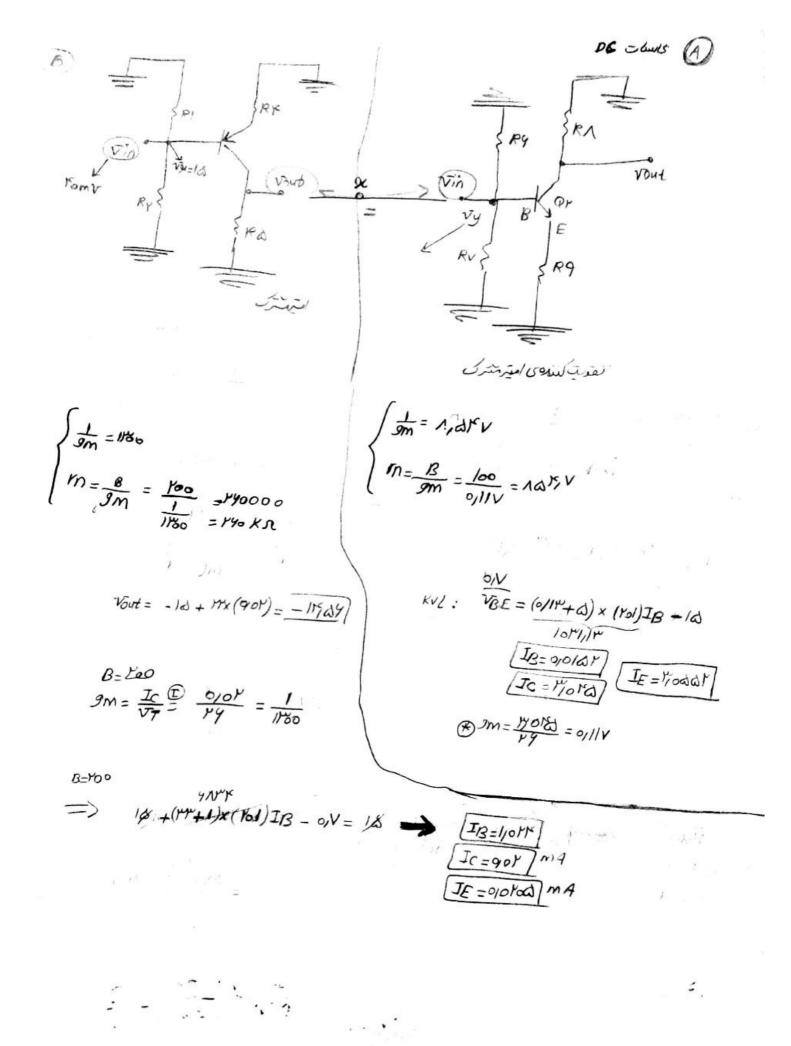
D مەولىكدىكى دىيم

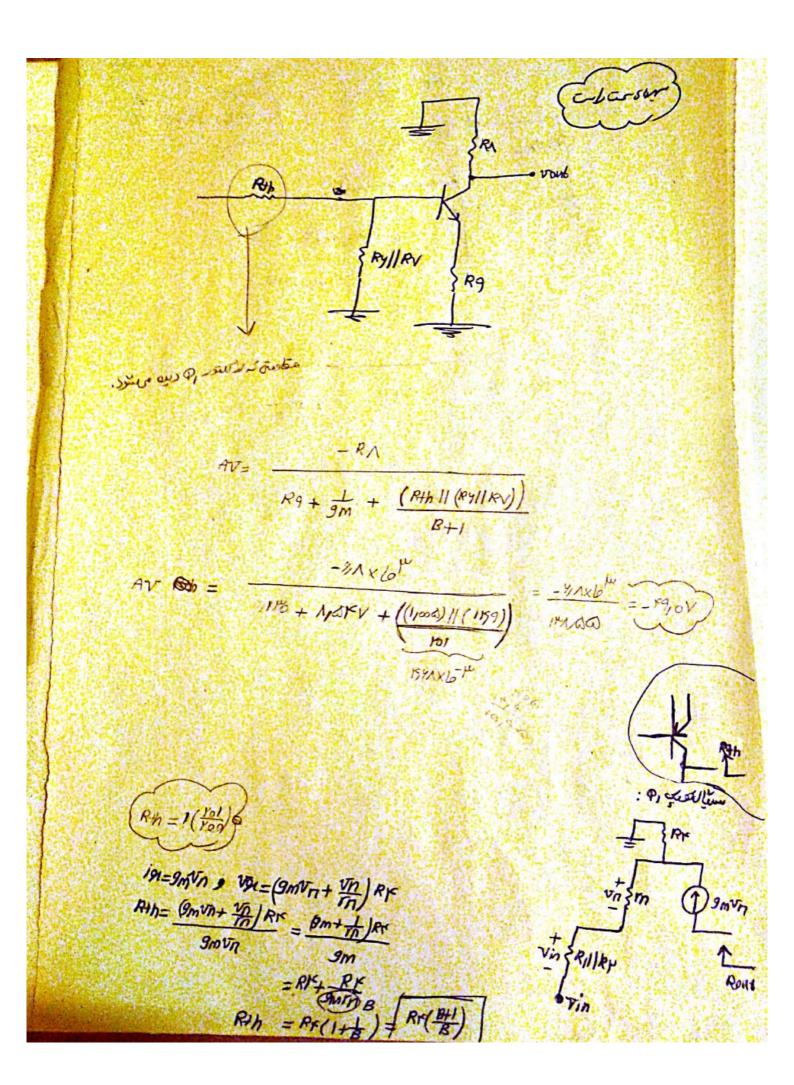
رم دون دری

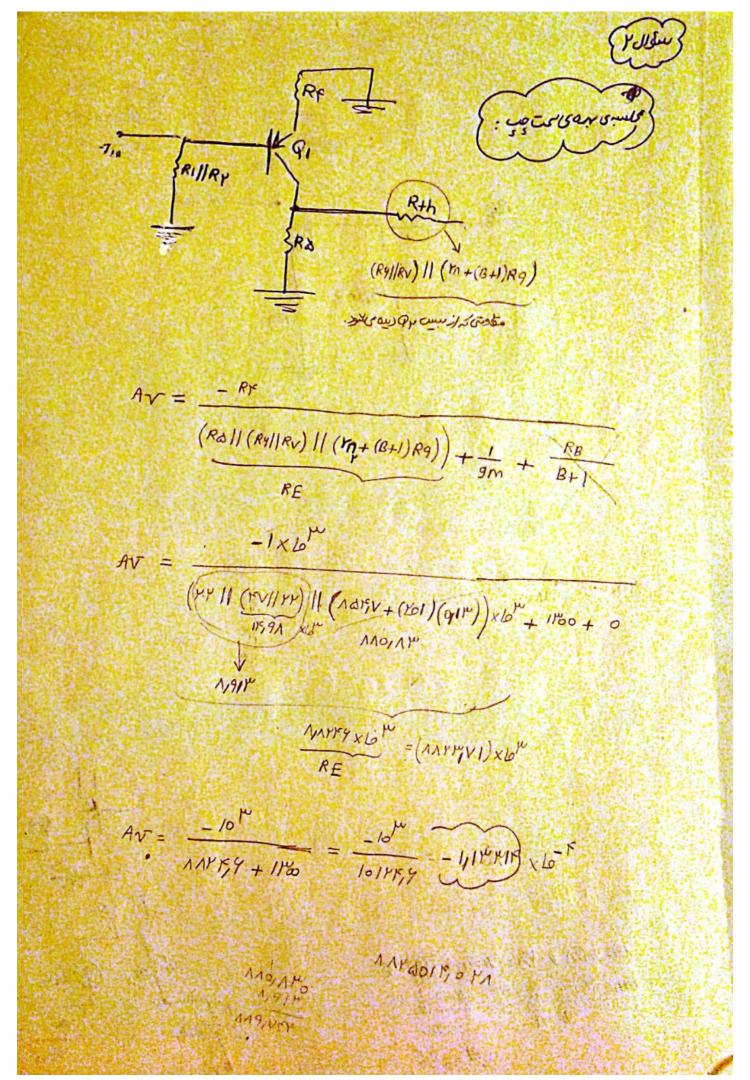
ا توانعمن عوار

ه سیس سای

(ع) كليدى بلى تنفام منزان تقويت كنندى قرار دهيم المنه صدا تنفام ملاود. داهما = ١ [مره و مشكل موج عنوى براى سري وده تقعيت كنندى عملفت]







Scanned by CamScanner

