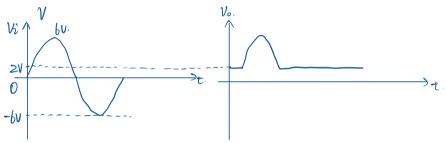


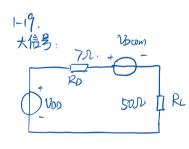
整先



Vb.



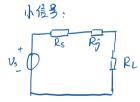
半设整流.



$$I_D = \frac{V_{DD} - V_{DUM}}{R_D + R_L}$$

$$= \frac{0.75}{47}$$

$$\approx 13.16 \text{ mA}.$$



$$R_{j} = \frac{V_{f}}{Z_{f}}$$

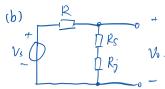
$$= \frac{26mV}{13.16mA}$$

$$\approx 2\Lambda.$$

$$id = \frac{V_{5}}{R_{5} + R_{j} + R_{c}} = \frac{2\alpha}{14}$$

$$\approx 0.27mA$$

:. io = lo+id = 13.1b+02/sinwt (mA).



$$R_{j} = 1 \text{ mA. } R_{j} = 2b\pi.$$

$$V_{0} = V_{0} \frac{R_{0} + R_{j}}{R_{0} + R_{j}} \approx 3.83 \text{ sinwt mV.}$$

$$R_{j} = V_{0} \frac{R_{0} + R_{j}}{R_{0} + R_{j}} \approx 3.83 \text{ sinwt mV.}$$

$$(2) I_{0} = 0.1 \text{ mA. } R_{j} = 2b_{0}M.$$

$$\begin{array}{c}
2-J \\
I_c = \overline{R}I_E + J_{cB0}. \\
I_c = \overline{P}I_B + J_{cE0}. \\
I_c = I_s e^{V_r}.
\end{array}$$