JEC434 Electrones I

runcies of CE comps

, R.= \$ 10 kD.

When there is No 310pmed Com used = 20 x 2x10⁻³ = 40 mW.

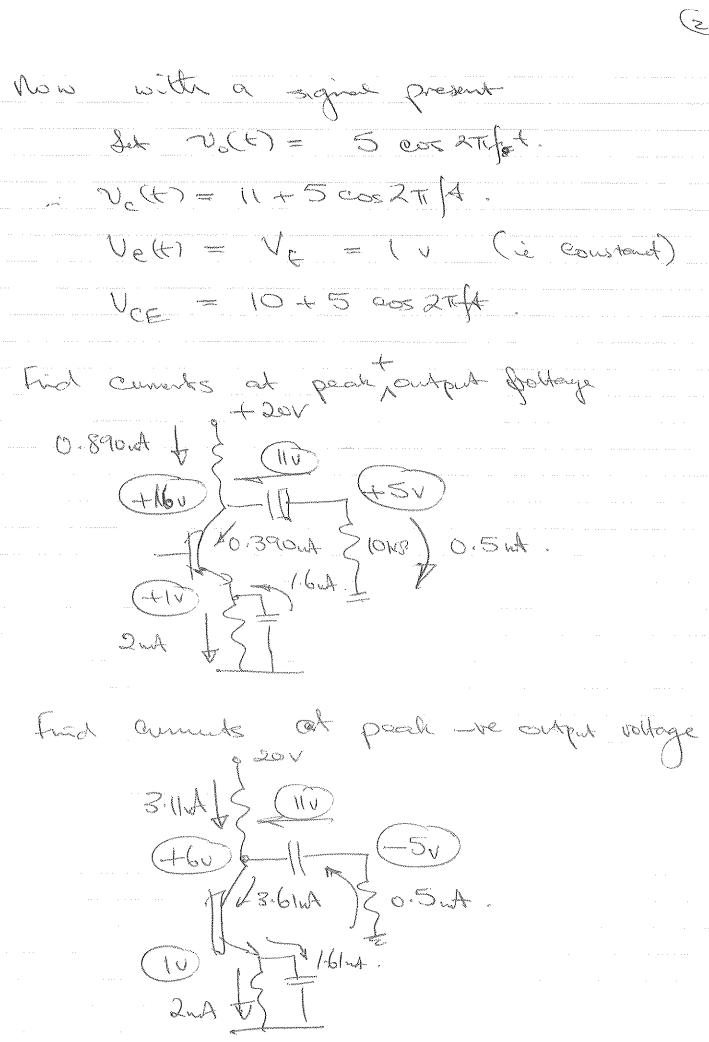
coupied? 2, wold

P ~ R= I2R= 18NW.

RE = Z3 R = 2 W

< ver. ion>

10 x 2x 10-3 = 20 mb



$$\begin{array}{lll}
\vdots & & & \\
\end{aligned} = \begin{pmatrix} 2 - 1.11\cos 2\pi / 4 \end{pmatrix} \times 10^3 \text{ a.g.s.} \\
\vdots & & & \\
\end{aligned} = \begin{pmatrix} 2 - 1.11\cos 2\pi / 4 \end{pmatrix} \times 10^3 \text{ a.g.s.} \\
\end{aligned} = \begin{pmatrix} 5\cos 2\pi / 4 \end{pmatrix}^2 / R_L \\
\vdots & & \\
\end{aligned} = \begin{pmatrix} 5\cos 2\pi / 4 \end{pmatrix}^2 / R_L \\
\vdots & & \\
\end{aligned} = \begin{pmatrix} 2.5 \text{ mW} \end{pmatrix}$$

$$\begin{array}{lll}
\end{aligned} = \begin{pmatrix} 2.5 \text{ mW} \\
\end{aligned} = \begin{pmatrix} 2.111\cos 2\pi / 4 \end{pmatrix} \times 10^6 \\
\end{aligned} = \begin{pmatrix} 2.0.77 \text{ mW} \\
\end{aligned} = \begin{pmatrix} 20.77 \text{ mW} \\
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\end{aligned} \times 10^{-3} \\
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\end{aligned} \times$$

Total Pour ord & BJT Re = 20.77 + 2 + 15.98 + 1,25

= 41.25 mw.

$$\frac{1.25}{41.25} \times 100 = 3.02 \% 11$$



Transform Coupled local. * +(5)cosarft \$ R = ? (H=20+ 500s 2TA 213904 Choose no R'= 3. The Veel 19+500527A 2.cd = Power in Re = 1x2A Pauvo i BJT $< v_{ee}(e) \cdot v_{e}(e) >$ PRG + RL+ PBJT Total Vous = PRC/Total (x 100 2 =