PROBLEM 4

$$\begin{array}{c}
T_1 > \xi_1 = 1000 \\
+ V_1 = 3v
\end{array}$$

$$V_{1} = I_{1} \cdot R_{1} \Rightarrow V_{1} = I$$

$$\frac{3}{1000} = I_{1} \cdot (1000)$$

$$I_{1} = 0.003 A = 3 we H$$

$$V_{1} = 2V$$

$$P = I_{0} \cdot V_{0}$$

P=0,003-2

PD = 0,006 = 6 mV