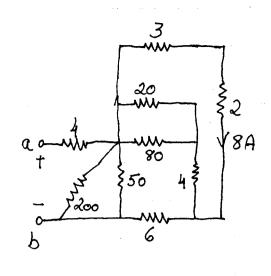
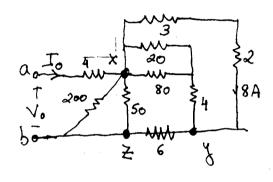
(MIR) 4-PIBES MARS - 1 ENRO 108 KIAN



3) 21/20 18/ (6-8) NOROGG PCB: 10/20 6/1 1 1- d NG/60 88



$$V_{xy} = 8A(3\pi + 2\pi) = 40V$$
 $\frac{1/2\pi 0}{4}$ $(201/80 + 4) = 20\pi$ (k) $20\pi 1/(3+2)\pi = 4\pi$ $V_{xz} = V_{xy} \cdot \frac{4+6}{4} = 100V$

9 9 W + 100V b 0 - 100V

Vab = 100V. 4+8 = 150V

$$V_{2000} = V_{xy} = \frac{80||20}{80||20+4} = 32V \implies P_{2000} = \frac{32^2}{20} = 51.2W^{(7)}$$

$$P_{an} = (8A)^{2} \cdot 2n = 128 \text{ W}$$
 (c)
$$P_{ab} = (V_{ab})^{2}/P_{ab} = 1875$$

$$\Rightarrow \left(\frac{P_{an}}{P_{ab}}\right) \% \simeq 6.83\%$$