Exercicio 4

$$L_{cn't} = \frac{(1-D)^2 D.R}{2 f}$$

$$= 0,60064$$

$$= 0,64 MH$$

$$\begin{array}{ll} <) & c_{min} = & < \sqrt{60} \times D \text{ T} \\ & > \sqrt{R} \\ & = & 60 \times 0.2 \times 10.16^{3} \\ & = & 0.00002 \end{array}$$

e)
$$\Delta i_{L} = \frac{V_{i}}{L} \cdot D \cdot M = \frac{48}{0,00064} \times 0, Z \cdot \frac{10.10^{3}}{10.10^{3}}$$

$$= \frac{3}{Z} = 1,5 \text{ [A]}$$

z 20 NF

$$\frac{\text{doimsloonb}}{\sqrt{\sqrt{5}}} = \frac{\sqrt{2}}{\sqrt{5}} =$$