P

C)
$$\frac{2\pi}{3} = \frac{2\pi}{3} \times \frac{0.07}{2\pi} \stackrel{?}{=} 6,67 \text{ ms}$$

 $\sqrt{2} = \sqrt{2} - \sqrt{3} \cdot 120 = 293,94$

$$\int_{\Delta V} \sqrt{\frac{1}{\pi}} \times \int_{0}^{T} \sqrt{\frac{1}{2}} \left(\frac{1}{2} \right) d\Theta + \int_{0}^{T} \sqrt{\frac{1}{2}} d\Theta + \int_{0}^{T} \sqrt{\frac{1}{$$

$$\frac{\sqrt{r_{ms}}}{\sqrt{r_{ms}}} = \sqrt{\frac{1}{17}} \times \sqrt{(\sqrt{r_{(0)}})^{2}} do , A = \sqrt{\frac{2}{3}} \cdot 120$$

$$= \sqrt{\frac{1}{17}} \times \sqrt{(\frac{1}{6} \cdot \sin(0 - \frac{1}{3}))^{2}} + \sqrt{(\frac{1}{6} \cdot \sin(0))^{2}} + \sqrt{(\frac{1}{6} \cdot \sin(0 - \frac{2}{3}))^{2}}$$

$$+ (\frac{1}{4} \cdot \sin(0 - \frac{1}{3}))^{2}$$

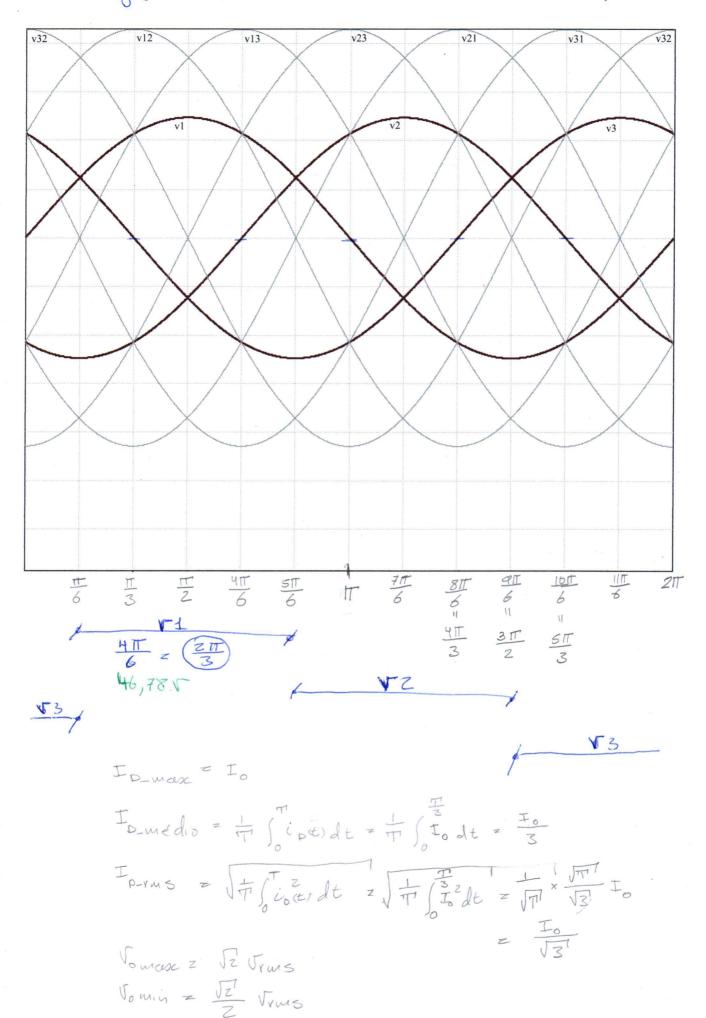
$$+ (\frac{1}{4} \cdot \sin(0 - \frac{1}{3}))^{2}$$

$$=\frac{10AF}{3}=0,09356$$

$$= \sqrt{\frac{1}{1200}} \times \sqrt{\frac{1200}{1200}} \times 09164739$$

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×₁=2πβ L3 ≅ 60 π ≈ 188,496 Z≈534,35 ¥ 20,66°

regime permanente

i) tempo le condicco:

tensão insusa maa:

j) considerands como carga industro
$$I_0 = \frac{\sqrt{med}}{R}$$

$$I_0 = I_0 \text{ and}$$

$$= \frac{140,3454}{500}$$

$$= 0,7807 [A]$$

avanto mais indition a carge a corrente to runa-se quase constrently, now oxidends interoposes na conducat do semicondutores.

$$I_{D-médio} = \frac{1}{\pi} \int_{0}^{\pi} L_{p(t)} dt = \frac{1}{\pi} \int_{0}^{\frac{\pi}{3}} J_{o} dt = \frac{1}{3}$$

$$FP_{S} = \frac{J_{o} \frac{3}{17} \sqrt{J_{rms} \sin(\frac{\pi}{3})}}{3 \sqrt{J_{rms}} \frac{J_{o}}{\sqrt{37}}} = \frac{J_{o}}{17} \sin(\frac{\pi}{3})$$

$$= 0,675$$