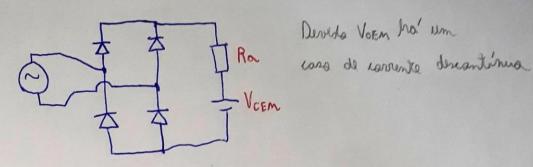
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Queston 2

Vroma = 127 V

Ra= 42

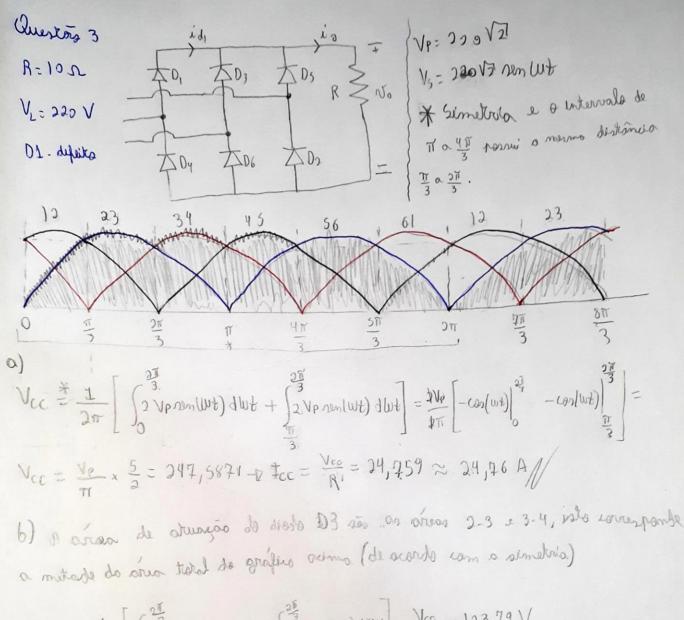
Vs= 127/2 sen(Wt)



LKT alsole ideal

"Sa ha corrente na carga para valores: Vs > VEEN

$$V_{CC} = \frac{2}{2\pi} \int_{0.717}^{2.425} \left[V_P \text{ Nem}(wt) - V_{CEM} \right] dwt = \frac{1}{\pi} \left[-V_P \text{ Coo}(wt) \Big|_{0.917}^{2.425} - 118 t \Big|_{0.917}^{2.425} \right] =$$



$$V_{CC_{03}} = \frac{1}{2\pi} \left[\int_{0}^{2\pi} V_{p, new[lut]} dut + \int_{3}^{2\pi} V_{p, new[lut]} dut \right] = \frac{V_{CC}}{2} = |23,79| V$$

$$I_{CC_{03}} = \frac{V_{CC_{03}}}{R} = \frac{123,79}{10} = 12,329 \approx 12,38 \text{ A}//$$

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