Übung 6: Gleichrichter

$$\int q_1^{\alpha} = \int q_1^{\alpha} = \int \frac{1}{\sqrt{2}} \int \frac{1}{\sqrt{2}} \int q_1^{\alpha} = \int \frac{1}{\sqrt{2}} \int \frac{1}{\sqrt{2}} \int \frac{1}{\sqrt{2}} \int q_1^{\alpha} = \int \frac{1}{\sqrt{2}} \int$$

5.
$$\hat{I} = \frac{\hat{u}}{R} = \frac{\sqrt{2}U}{R} = \frac{\sqrt{2}270}{50} = 6.5 \text{ A}$$

$$I_{osc} = \sqrt{\frac{4}{7}} \int_{0.2}^{2} dU = \sqrt{\frac{4}{7}} \int_{0.2}^{2} \hat{u}^{2} dU = \sqrt{\frac{4}{7}} I^{2} \left[\frac{4}{7} (d - i \cdot d \cdot \cos d) \right]_{\infty}^{\infty}$$

$$= \sqrt{\frac{4}{7}} I^{2} \frac{4}{7} \left(\pi - \omega - \frac{1}{7} \pi \cos \pi + \sin \cos \alpha \right)$$

$$= \sqrt{\frac{4}{7}} \int_{0.2}^{1} \frac{4}{7} \left(\pi - \frac{20}{780} \pi + \sin 20 \cos 20^{\circ} \right) = 4.5 \text{ A}$$

10.
$$I_d = \frac{Udion}{R} = \frac{2.6 \text{ A}}{2.6 \text{ A}}$$
 11. $I_{dmin} = \frac{Udio}{R} = \frac{U_1 \text{AVA}}{R}$

12. $P_R = R \cdot I_{0R}^1 = R \cdot I_{dmin}^2 = \frac{857 \text{ M}}{R} = \frac{Udio}{R} = \frac{U_1 \text{AVA}}{R}$