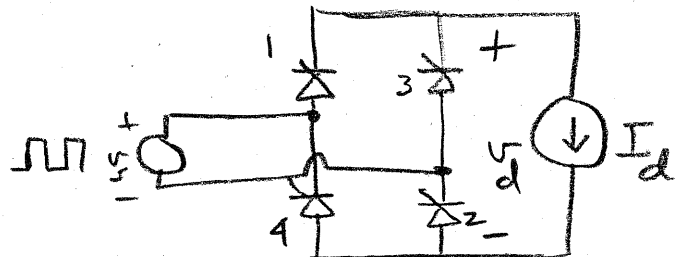
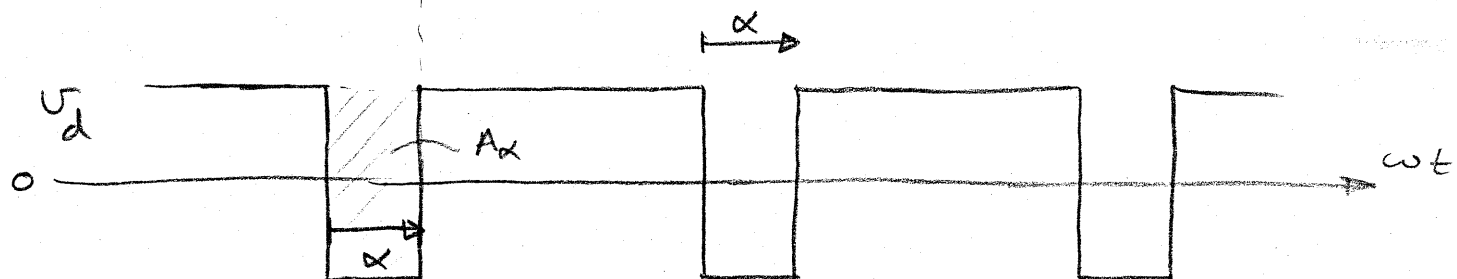
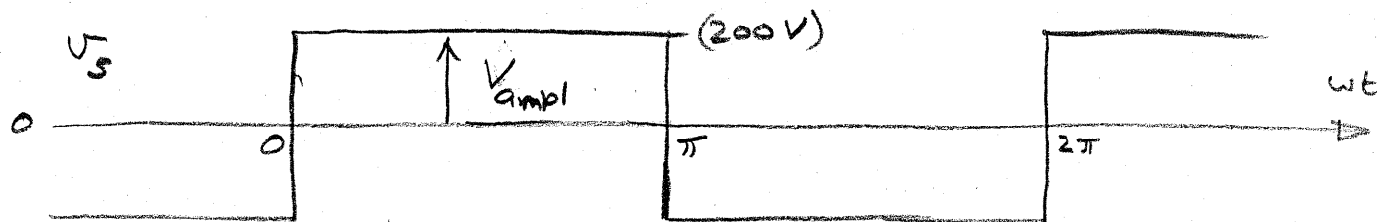


Problem 6-3



$$1, 2 \text{ Cond. } V_d = V_s$$

$$3, 4 \text{ Cond. } V_d = -V_s$$



3, 4 → 1, 2 → 3, 4

$$V_{d\alpha} = V_{d0} - \frac{A_\alpha}{\pi} = V_{\text{ampl}} - 2 V_{\text{ampl}} \cdot \frac{\alpha}{\pi} \quad \leftarrow \text{in radians}$$

$$= V_{\text{ampl}} \left(1 - \frac{2\alpha}{\pi} \right); \quad \text{at } \alpha = 45^\circ, V_{d\alpha} = 100V$$

$$\text{at } \alpha = 135^\circ, V_{d\alpha} = -100V$$

Problem 6-4