$f = 80\ \text{Hz}$

$R_b = 1200\ \Omega$

$R_a = 1200\ \Omega$

$$C = \frac{1{,}44}{(R_a + 2 \cdot R_b) \cdot f} = \frac{1{,}44}{(1200\ \Omega + 2 \cdot 1200\ \Omega) \cdot 80\ \text{Hz}} = 5\ \mu\text{F}$$

$$T_H = 0{,}69 \cdot (R_a + R_b) \cdot C = 0{,}69 \cdot (1200\ \Omega + 1200\ \Omega) \cdot 5\ \mu\text{F} = 8{,}28\ \text{ms}$$

$$T_L = 0{,}69 \cdot R_b \cdot C = 0{,}69 \cdot 1200\ \Omega \cdot 5\ \mu\text{F} = 4{,}14\ \text{ms}$$

$$D = \frac{T_H}{T_H + T_L} \cdot 100 = \frac{8{,}28\ \text{ms}}{8{,}28\ \text{ms} + 4{,}14\ \text{ms}} \cdot 100 = 66{,}67$$