

$$1) \quad k_0 = 170.000 \quad ; \quad k_{10} = 10.000 \quad ; \quad u = 10$$

$$a) \quad A = \frac{k_0 - k_n}{n} = 11.000, -$$

$$b) \quad p = 9,17\%$$

$$5. \text{ Jahr.} \quad | \quad 65.000 \quad | \quad 11.000 \quad | \quad 14,47 \quad | \quad 9,17$$

$$c) \quad P_m = \left( 1 - \sqrt[10]{\frac{10.000}{170.000}} \right) \cdot 100 = 22\%$$

$$K_5 = 170.000 \cdot (1 - 0,22)^5 = 34.646,09$$

$$A_5 = 9.771,48$$

$$p = 8,14\%$$