

Z9

$$K_0 = 30\,000,-$$

$$n = 20$$

$$i = ?$$

$$Z = 3100,-$$



$$Z = K_{20} \cdot i$$

$$3100 = 30\,000 \cdot (1+i)^{20} \cdot 0,03 \quad | :0,03$$

$$\frac{3100}{0,03} = 30\,000 \cdot (1+i)^{20} \quad | :30\,000$$

$$\frac{3100}{30\,000 \cdot 0,03} = (1+i)^{20} \quad | \sqrt[20]{}$$

$$\sqrt[20]{\frac{3100}{30\,000 \cdot 0,03}} = 1+i \quad | -1$$

$$\sqrt[20]{\frac{3100}{30\,000 \cdot 0,03}} - 1 = i = 0,06379 \sim 6,379\%$$