1) ≈ 22.625

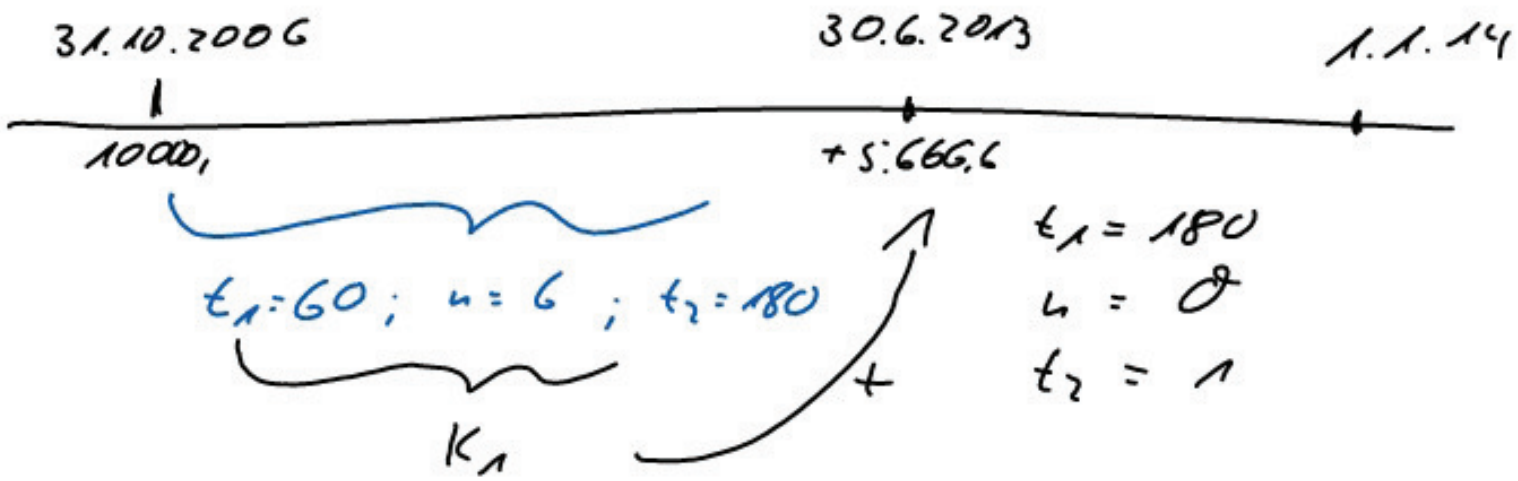
3) $K_0 = 10.000$ t_1: 31.10.2006 => 60 Tage
n: 5 Jahre (2007 - 2011)

$K_n = 10.944,04$

$$K_n = K_0 \cdot \left(1 + i \cdot \frac{t_1}{360}\right) \cdot (1+i)^n \cdot \left(1 + i \cdot \frac{t_2}{360}\right)$$

$$\frac{K_n}{K_0 \left(1 + i \cdot \frac{t_1}{360}\right)(1+i)^n} = 1 + i \cdot \frac{t_2}{360}$$

$$t_2 = \left(\frac{K_n}{\left(1 + i \cdot \frac{t_1}{360}\right) \cdot (1+i)^n} - 1\right) \cdot \frac{360}{i} \quad \Rightarrow t_2 = 42 \text{ Tage}$$



$K_u \approx 20.000$

5) $t_1 = 142$, $u = 12$; $t_2 = 196$ 42.000

a) $k_0 \approx 70.000$ (−) → 70.791 (=)

5) 42.125,28 (9.8.2000 − 1.11.2013)

$X \cdot \left(1 + i \cdot \frac{60}{360}\right) \cdot (1+i)^6 = 43.690,83$