$$T := \begin{cases} 6 \\ 4(x) dx \end{cases}$$

borza (m = 0):

$$\lim_{K \to \infty} T_{0,k} = \lim_{K \to \infty} T_{2^k} = I$$

zad 1

$$\lim_{K \to \infty} T_{m+1,k} = \lim_{K \to \infty} \frac{4^{m+1} \cdot T_{m,k+1} - T_{m,k}}{4^{m+1} - 1}$$

$$=\frac{4^{m+1}I-I}{4^{m+1}-1}=\frac{(4^{m+1}-1)I}{4^{m+1}}=I$$