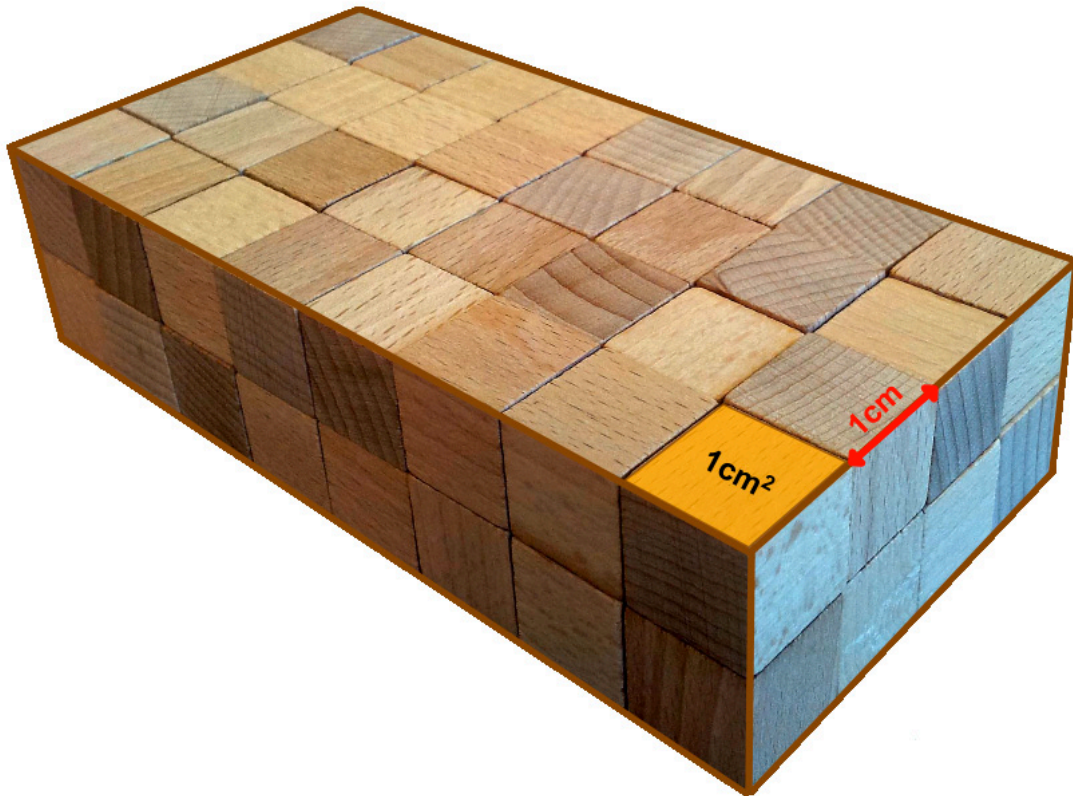


Oberfläche O und Kantenlänge k eines Quaders



$$\begin{aligned} \mathbf{O} &= 2 \cdot (8\text{cm} \cdot 4\text{cm} + 8\text{cm} \cdot 2\text{cm} + 4\text{cm} \cdot 2\text{cm}) \\ &= 2 \cdot (32\text{cm}^2 + 16\text{cm}^2 + 8\text{cm}^2) \\ &= 2 \cdot 56\text{cm}^2 \\ &= \underline{\underline{112\text{cm}^2}} \end{aligned}$$

$$\begin{aligned} \mathbf{k} &= 4 \cdot (8\text{cm} + 4\text{cm} + 2\text{cm}) \\ &= 4 \cdot 14\text{cm} \\ &= \underline{\underline{56\text{cm}}} \end{aligned}$$