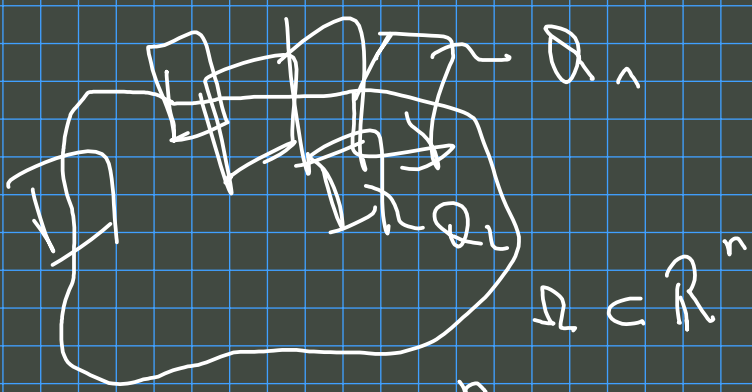
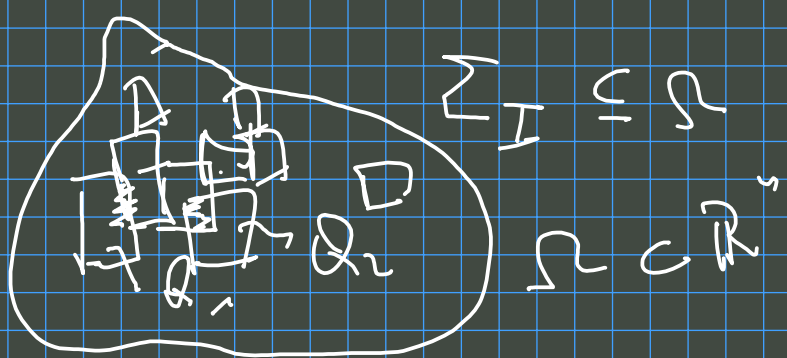
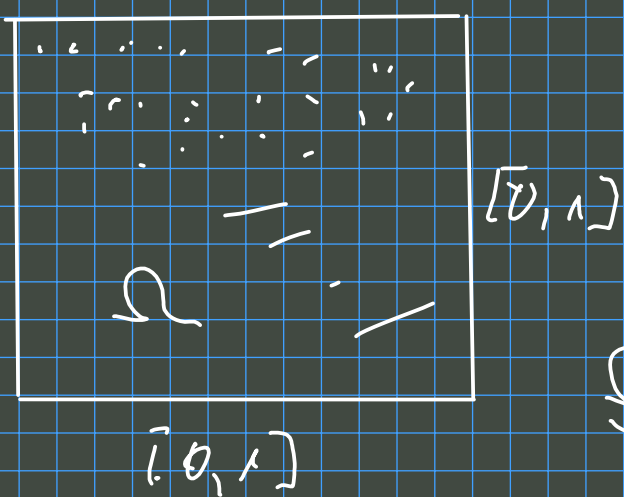


$$|Q| := (b_1 - a_1) \cdot \dots \cdot (b_n - a_n)$$

$$\Sigma_I = \bigcup_{i=1}^n Q_i$$



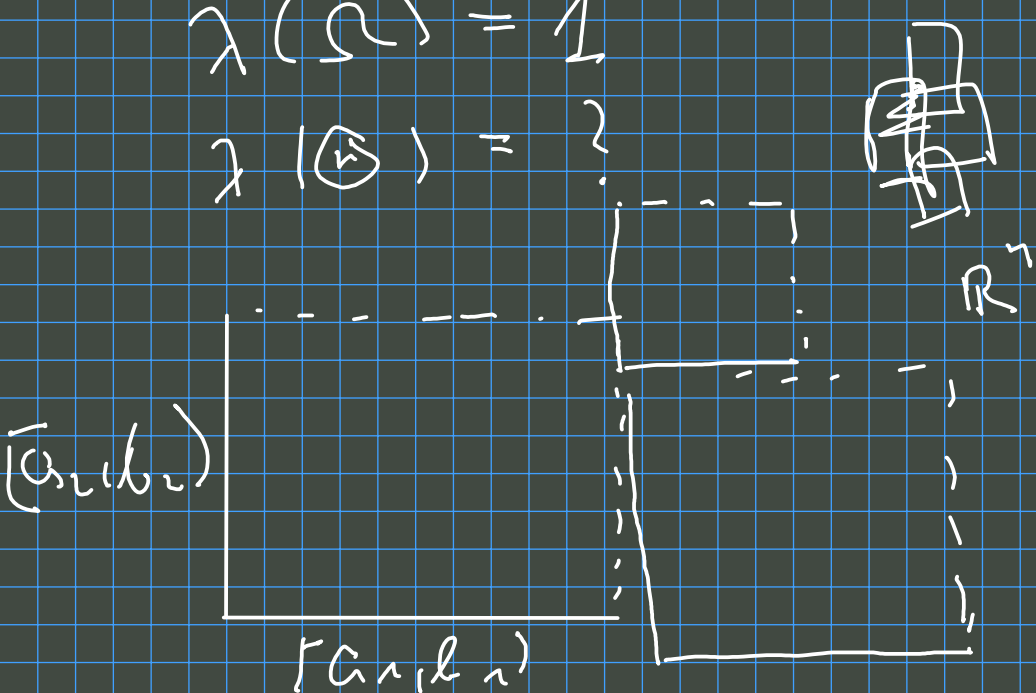
$$\Sigma_n = \bigcup_{i=1}^n Q_i$$



$\Omega \ni \text{rat. Punkte}$
①

$$\lambda(\Omega) = 1$$

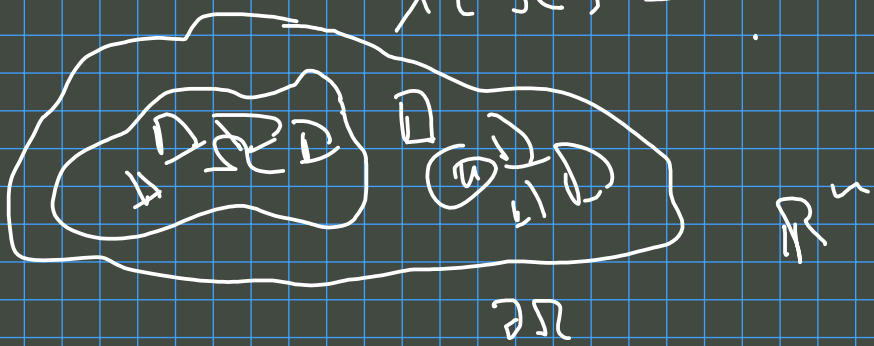
$$\lambda(\text{①}) = ?$$



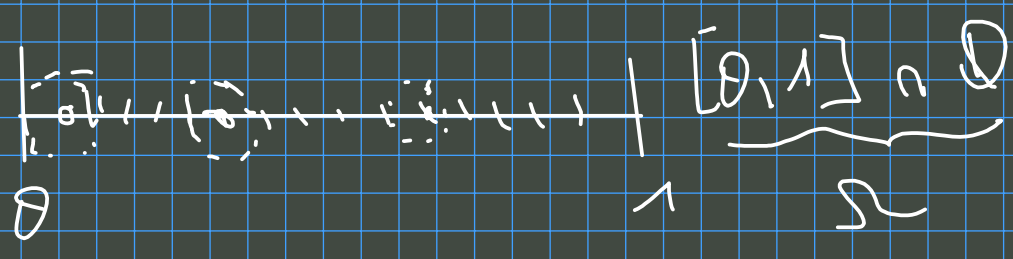
$$|\Sigma| - |\Sigma_I| < \epsilon \text{ for } \epsilon > 0 \text{ bel.}$$

$$\Omega \subset \mathbb{R}^n \quad \Omega = \{x_0\}, \quad x_0 \in \mathbb{R}^n$$

$$\lambda(\Omega) = ?$$



$$\mathcal{B}_\epsilon(x_0) = \{z \in \mathbb{R}^n : \|x_0 - z\|_2 < \epsilon\} \subset \Omega$$



$$\Omega = \{x_0\}$$