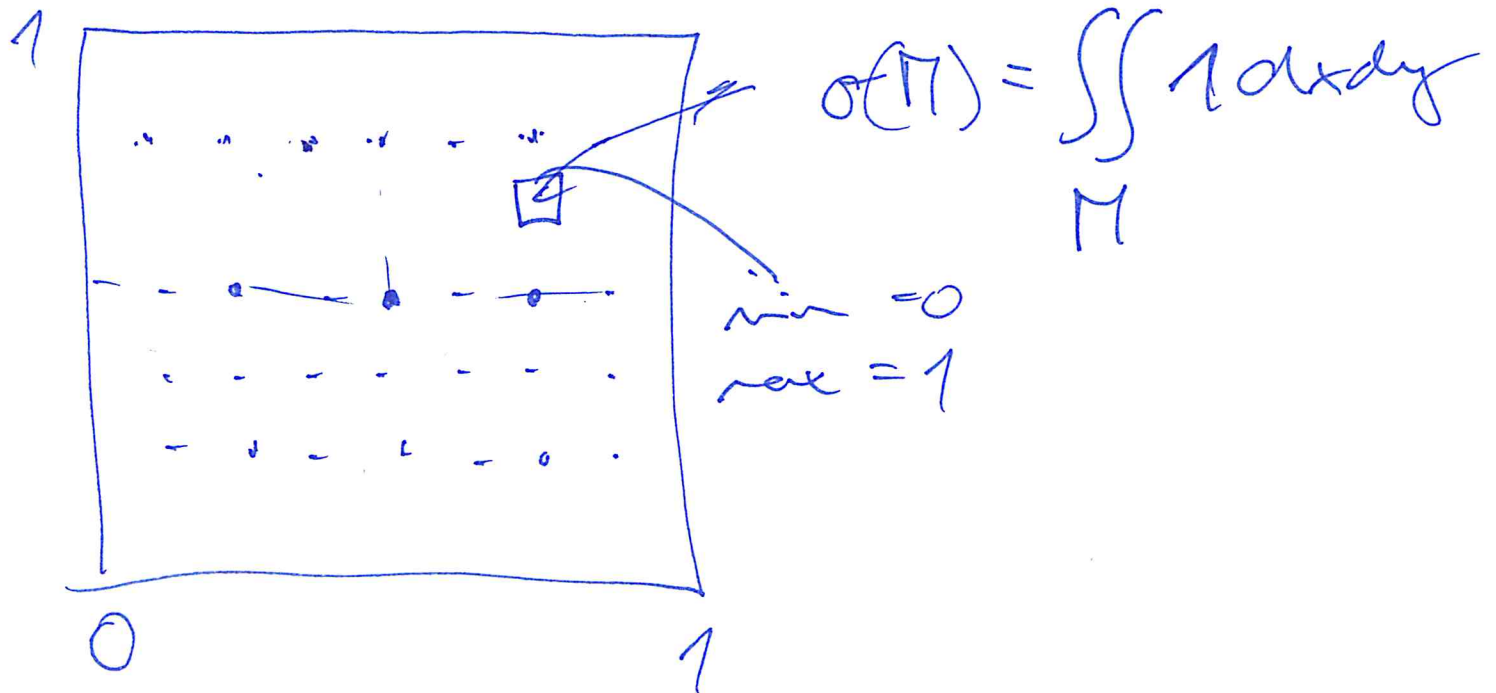


Racionální čísla a jejich ^{de lba} ~~obsah~~ $\sigma(\mathbb{Q})$
 $\sigma(\mathbb{Q} \cap [0, 1])$



obsah $\sigma(\Pi)$, $\Pi = \{[x, 1] : x \in \mathbb{Q} \cap [0, 1]\}$



Q je spočetá matice:

$$Q \sim [0, 1]$$

$$\left(\frac{1-\varepsilon}{2}, \frac{1+\varepsilon}{2}\right)$$

0	1	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{3}{5}$	$\frac{4}{5}$
$\varepsilon/2$	$\varepsilon/4$	$\varepsilon/8$	$\varepsilon/16$	$\varepsilon/32$						

$\varepsilon > 0$ libovolné malé, potom $\varepsilon = 10^{-6}$



$$\frac{\varepsilon}{2} + \frac{\varepsilon}{4} + \frac{\varepsilon}{8} + \dots = \varepsilon$$