

x, y, \mathbb{R}, \dots

a, b, c, \dots

$\alpha, \beta, \gamma, \dots$

x_1, x_2, x_3, \dots

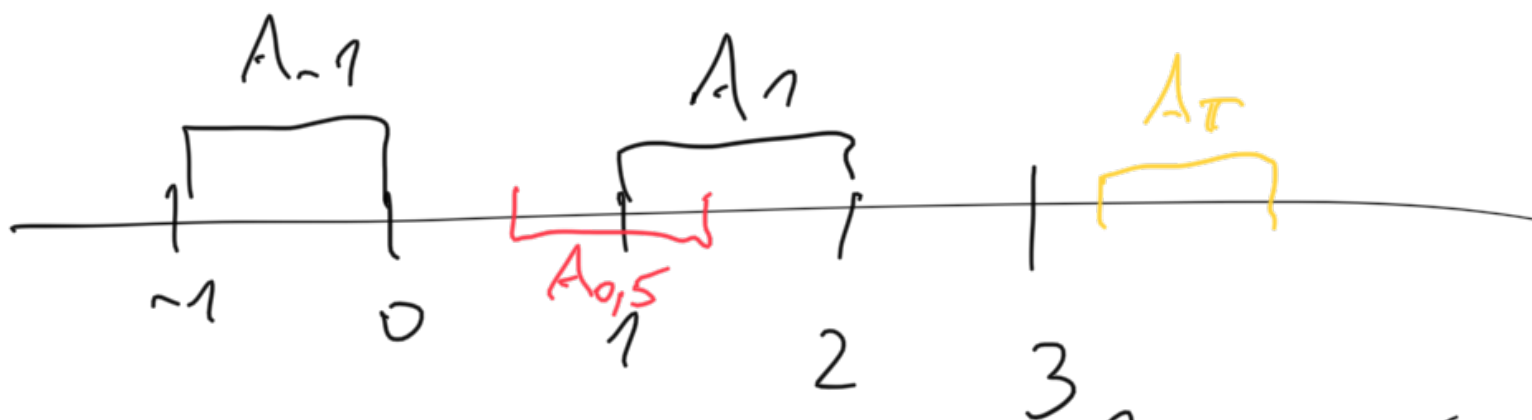
$A_\alpha = (\alpha, \alpha+1)$, $\alpha \in \mathbb{R}$

$A_1 = (1, 2)$

$A_{-1} = (-1, 0)$

$A_\pi = (\pi, \pi+1)$

$A_{0,5} = (0,5, 1,5)$



$\bigcup_{\alpha \in \mathbb{R}} A_\alpha = \mathbb{R}$

$\bigcap_{\alpha \in \mathbb{R}} A_\alpha = \emptyset$

vyčtem prvek
vlastnosti

$\{a, b, c, \dots\}$

$\{a_i^* \text{ a má vlastnost } V\}$

$\{n \in \mathbb{N}, n \text{ je sudé}\}$

$\{a \in \mathbb{N}; a \text{ má}$
vlastnost $V\}$

$\emptyset \subset X$ pro libovolnou množinu X

$\cap \cap \cap \cap \cap$

\dots

$$A \times B \neq B \times A$$

$$A \times A = A \times A$$



$$I = \{1, 2, 3, 4\}$$

$$\bigcup_{\alpha \in I} A_{\alpha} = A_1 \cup A_2 \cup A_3 \cup A_4$$

$$\bigcap_{\alpha \in I} A_{\alpha} = A_1 \cap A_2 \cap A_3 \cap A_4$$