

ZR: $\forall a, b \in \mathbb{Q} \exists x, y \in \mathbb{Q} : [a \circ x = b \wedge y \circ a = b]$ operace \circ
 není K \rightarrow musíme řešit 2 rovnosti

$$\begin{array}{ll} a \circ x = b & y \circ a = b \\ 2a - x = b & 2y - a = b \\ -x = b - 2a & 2y = b + a \\ \underline{x = 2a - b} & \underline{y = \frac{b+a}{2}} \end{array}$$

$x \in \mathbb{Q}$ pro každé $a, b \in \mathbb{Q}$
 $y \in \mathbb{Q}$ —||— o j ZR

4, a, $(\mathbb{C}, -)$: ND \wedge ~~K~~ \wedge ~~A~~ \wedge ~~ET~~ \wedge ~~EV~~ \wedge ZR
 groupoid ZR: $a - x = b$ $y - a = b$
 $x = a - b$ $y = b + a$
 $x \in \mathbb{C}$ $y \in \mathbb{C}$

b, $(\mathbb{N}, -)$: ND \wedge ~~K~~ \wedge ~~A~~ \wedge ~~EV~~ \wedge ~~ET~~ \wedge ~~ZR~~
 \downarrow ~~ND~~ \Rightarrow ~~ZR~~
 alg. struktura