

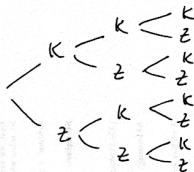
Lösung der Hausaufgabe

A = "≥ 1 Kopf"

B = "≥ 1 Zahl"

C = "2x Kopf"

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$$A = \Omega \setminus \{zzz\}$$

$$B = \Omega \setminus \{KKK\}$$

$$C = \{KKz, KzK, zKK\}$$

$$A \cap B: \geq 1 \text{ Kopf} \text{ und } \geq 1 \text{ Zahl}$$

$$\{KKz, KzK, zKz, zKz, zKz, zKz\} = \Omega \setminus \{KKK, zzz\}$$

$$A \cup B: \geq 1 \text{ Kopf} \text{ oder } \geq 1 \text{ Zahl (oder beides)}$$

$$\Omega$$

$$A \cap C = C \quad (C \subseteq A)$$

$$A \cup C = A$$

$$B \cap C = C \quad (C \subseteq B)$$

$$B \cup C = B$$

$$\overline{A} = \{zzz\} = \text{"0x Kopf"}$$

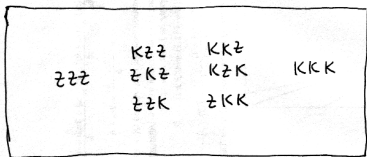
$$\overline{B} = \{KKK\} = \text{"0x Zahl"}$$

$$\overline{C} = \{KKK, \underbrace{KzZ, zKz, zKz}_{1 \times \text{Kopf}}, zzz\} = \text{"nicht 2x Kopf"}$$

↑
3x Kopf

↑
1x Kopf

↑
0x Kopf



Ω

3z

2z

1z

0z

0K

1K

2K

3K