

Technische Regel quiz 3

Frage 1

$$P_k = \langle 1-0, 0-1, 1-1 \rangle = \langle 1, -1, 0 \rangle$$

$$P_k = \langle 1-0, 1-1, 0-1 \rangle = \langle 1, 0, -1 \rangle$$

$$P_k \times R_k$$

$$1 \quad 2 \quad | \quad c$$

$$1 \quad -1 \quad 0 \quad = \quad 1 - (-1) + (-1) = 1 + 1 - 1 = 1$$

$$1 \quad 0 \quad -1$$

$$P \rightarrow 1(x=0) + 1(y=0) + 1(z=0) = 0$$

$$x + y + z = 2$$

Frage 2

$$1 + (1 + 2 + 1) + 4 + 1 = 14$$

$$x = 1, y = 1 + 2 + 1$$

$$z = 4 + 1$$

$$2 + 6 + 1 = 14$$

$$k = \langle 1, 1, 1 \rangle$$

$$\langle 0, 1, 1 \rangle$$

$$6 + 1 = 10 \quad + = 2 \quad x = 1$$

$$y = 1$$

$$z = 2$$