

KONE C

13⁵³

S

$$x^2 + y^2 = 0, \quad z \neq 0$$

||

$$x = y$$

$$x^2 + z^2 = 1$$

$$\begin{matrix} x \\ \neq \\ 0 \end{matrix} \quad \vee \quad z \neq 0$$

(0, 0, 0)

T NE

$$\left(\begin{array}{ccc|c} \textcircled{1} & 1 & 2 & 1 \\ 0 & \textcircled{1} & -3 & 2 \\ 0 & 0 & a+3 & 0 \end{array} \right)$$

$$\text{I} \quad 0 = -3$$

$$\text{II} \quad 0 \neq -3$$

$$\left(\begin{array}{ccc|c} \textcircled{1} & 2 & 0 & 2 \\ \textcircled{1} & \textcircled{1} & -1 & 1 \\ \textcircled{0} & \textcircled{0} & 0 & \textcircled{1} \end{array} \right)$$

$$2 \quad -1$$

$$A + B = C$$

$$A^T + B^T = C^T$$

$$\begin{matrix} = & = \\ A & -B \end{matrix}$$

$$A - B = C^T$$

$$2A = C + C^T$$

$$A = \frac{C + C^T}{2}$$

$$B = C - A$$

$$X^2 = y^2, \quad X \neq y$$

$$X = \pm y$$

$$(1, 1, 0) \in S$$

$$(1, -1, 0) \in S$$

$$(2, 0, 1) \notin \underline{\underline{S}}$$

$$X^3 = \mathbb{R}^3 \quad \text{yl.}$$

$$X = \mathbb{R}$$

$$(1, 1, 1)$$

$$(1, 0, 1)$$

$$(a, 1, c)$$

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