The Embedded Experts



g:
$$\vec{x} = \begin{pmatrix} 1 \\ 3 \end{pmatrix} + k \begin{pmatrix} 3 \\ 2 \\ 4 \end{pmatrix}$$

$$P(-5|6|11)$$

$$P(-1|3|-5)$$

$$P($$

$$2 k_{y} = 4 \quad |:2 \qquad k_{y} = 2 \quad |:5 \quad s_{z} = (-7) \mid :5) \qquad |:5 \quad s_{z} = -1.4$$

$$4 k_{z} = 8 \quad |:4 \quad k_{z} = 2 \quad |:5 \quad s_{z} \neq s_{z} \neq s_{z} = |:5 \quad s_{z$$

$$k_x = k_y = k_z = 2$$
, denn PEg

A(1|3|-4) $B(-3|2|8)$
 $g_1: \vec{x} = \begin{pmatrix} 1 \\ 2 + k \end{pmatrix}$

$$g_{AB}$$
: $\overrightarrow{x} = \begin{pmatrix} 1 \\ 3 \\ -4 \end{pmatrix} + S \begin{pmatrix} -3 & -1 \\ 2 & -3 \\ 8 & -4 \end{pmatrix}$
 g_{AB} : $\overrightarrow{x} = \begin{pmatrix} 1 \\ 3 \\ -4 \end{pmatrix} + S \begin{pmatrix} -4 \\ -1 \\ -1 \end{pmatrix}$

$$g_1: \overrightarrow{X} = \begin{pmatrix} 1 \\ 2 \\ -3 \end{pmatrix} + k \begin{pmatrix} -3 \\ 4 \\ 9 \end{pmatrix} \qquad g_2: \overrightarrow{X} = \begin{pmatrix} -7 \\ 8 \\ 5 \end{pmatrix} + 5 \begin{pmatrix} 6 \\ -8 \\ -18 \end{pmatrix}$$
Rightungsvektoren kollinear?

$$\begin{pmatrix} -3 \\ 4 \\ 9 \end{pmatrix} = \begin{pmatrix} -8 \\ -8 \\ -18 \end{pmatrix} = \begin{pmatrix} -2 \\ -2 \\ -2 \end{pmatrix}$$

tx = tz = (-2), denn Right ungs rektoren sind kollinear.