

1,4 $\lambda, \mu \in \mathbb{R} = ;$ wbt $\vec{a} = (\lambda, -2\mu)$ $\vec{b} = (\mu-1, \lambda-8)$ $\forall a \in \mathbb{R}$ ist

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ΛΥΣΗ

$$\begin{array}{l|l} \lambda = \mu - 1 & \lambda - \mu = -1 \\ -2\mu = \lambda - 8 & -\lambda - 2\mu = -8 \\ \hline & -3\mu = -9 \end{array}$$

$$\mu = 3.$$

$$\text{Also } \lambda = 3 - 1 = 2.$$