

$$\begin{array}{c}
\lambda = k \begin{pmatrix} 1 \\ 2 \\ -3 \end{pmatrix} \\
\lambda_{1} + \lambda_{2} + \lambda_{3} \\
\lambda_{2} + \lambda_{3} \\
\lambda_{1} + \lambda_{2} + \lambda_{3}
\end{array}$$

$$\begin{array}{c}
\lambda_{1} + \lambda_{2} + \lambda_{3} \\
\lambda_{2} + \lambda_{3} \\
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\end{array}$$

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\lambda_{1} + \lambda_{2} + \lambda_{3} \\
\lambda_{2} + \lambda_{3}
\end{array}$$

する する ア < 3

$$\begin{vmatrix} 1 & 2 & 0 \\ \alpha & (1) & 20 \\ 4 & -(1) & 1 \end{vmatrix} = 0$$

3. 
$$\lambda = \begin{pmatrix} 1 \\ 2 \\ 3 \end{pmatrix}$$
  $\beta = \begin{pmatrix} 3 \\ 2 \\ 1 \end{pmatrix}$   $\gamma = \begin{pmatrix} 6 \\ 0 \\ -4 \\ 9 \end{pmatrix}$   $\lambda \cdot \beta \cdot \gamma \cdot \vec{b} \cdot \vec{b}$ 

$$\lambda = \begin{pmatrix} 1 \\ 3 \end{pmatrix}$$

$$\begin{cases} \beta = \begin{pmatrix} 2x1 \\ 1 \end{pmatrix}$$

$$\begin{cases} 3 + 2a + 2 + 1 = 0 \end{cases}$$

 $2z = \begin{pmatrix} 1 \\ 0 \end{pmatrix} \qquad 2z = \begin{pmatrix} 1 \\ 1 \end{pmatrix}$