verber 29. 052 Skaldins stortan
$$\mathbb{R}^{n}$$
 - ben: $\begin{pmatrix} y_{1} \\ y_{2} \\ \vdots \\ y_{n} \end{pmatrix}$

$$\underbrace{\times}_{1} \underbrace{\times}_{1} \underbrace{\times}_{2} \underbrace{\times}_{3} \underbrace{\times}_{1} \underbrace{\times}_{3} \underbrace{\times}_{1} \underbrace{\times}_{1} \underbrace{\times}_{1} \underbrace{\times}_{1} \underbrace{\times}_{1} \underbrace{\times}_{2} \underbrace{\times}_{1} \underbrace{\times}_{1}$$

 $= \frac{x_1y_1 + x_2y_2}{-x_1y_2} - \frac{y_1}{x_1y_2} = \frac{y_1}{x_1y_2} = \frac{y_1}{x_1y_2}$

1. úi szakasz – 2. lar

$$\frac{1}{6} \cdot \begin{pmatrix} 25 \\ -34 \\ 55 \end{pmatrix}$$

$$\frac{1}{\sqrt{15}} \cdot \begin{pmatrix} 2 \\ -1 \\ 1 \\ 3 \end{pmatrix}$$

$$||z|| = \left(\frac{2}{2}\right)^{2} = \left(\frac{2}{1+1+1} + \frac{2}{3}\right)^{2} = \left(\frac{2}{15}\right)^{2}$$

$$z - vel - ellewhetes is any expression : - \frac{1}{15} \frac{2}{3}$$

$$\frac{1}{\sqrt{1}} \cdot \begin{pmatrix} 2 \\ -1 \\ 1 \\ 3 \end{pmatrix}$$