

# Linear Algebra

SF1672

Inner product:

$$\begin{bmatrix} 1 & 2 & 3 \end{bmatrix} \begin{bmatrix} 1 \\ 1 \\ 2 \end{bmatrix} = [1 + 2 + 6] = [9]$$

incidens i  $\mathbb{R}^3$  {översätt}

- line–plane

Substitute the parameter form of the line into the general form of the plane.

- line–line

Equation system of parameter forms.

- plane–plane