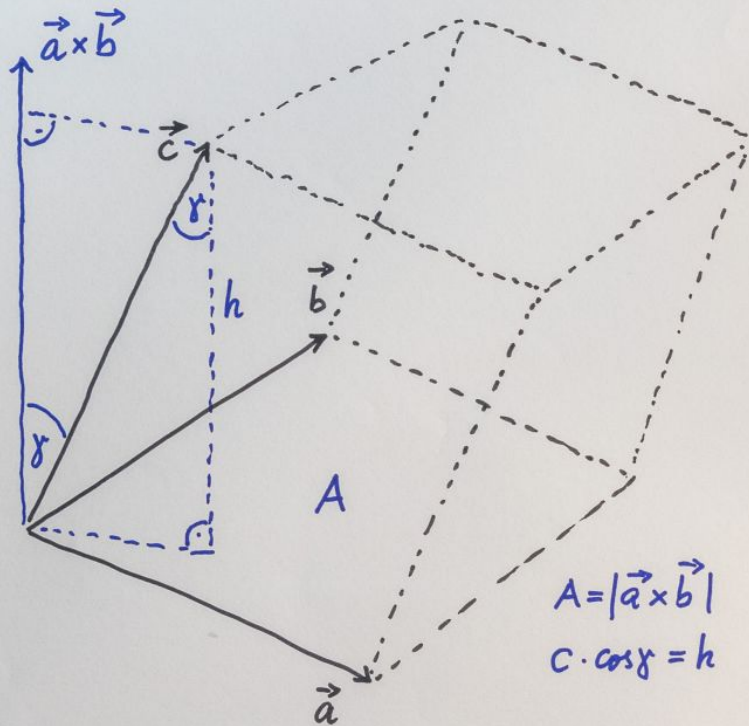


b) Spatprodukt $\vec{c} \cdot (\vec{a} \times \vec{b})$



$$A = |\vec{a} \times \vec{b}|$$
$$c \cdot \cos \gamma = h$$

Parallelepiped, Spat

$$c A \cos \gamma = A \cdot h$$

Volumen des Spates

Eigenschaften:

$$(\vec{b} \times \vec{c}) \cdot \vec{a} = \vec{c} \cdot (\vec{a} \times \vec{b})$$

$$(\vec{c} \times \vec{a}) \cdot \vec{b} = \vec{c} \cdot (\vec{a} \times \vec{b})$$