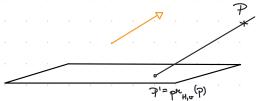


a) subsequent projections on the coordinate axes and the coordinate hyperplanes of K.



$$\alpha = (0, 0, 1)$$

$$\alpha \otimes \alpha = \begin{pmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 1 \end{pmatrix} = \begin{pmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 1 \end{pmatrix}$$

$$\mathcal{P}_{L} = \left( \int_{N} - \frac{a_{N}\sigma}{\langle a_{1}\sigma \rangle} \right) \cdot P - \frac{a_{N+1}}{\langle a_{1}n_{2}\rangle} \cdot a_{N}$$

$$H: a_{N} + a_{N} \times a_{N+1} + a_{N} \times a_{N+1} = 0$$

 $P_{xoy} = \begin{pmatrix} \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} - \begin{pmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 1 \end{pmatrix} \cdot P = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 0 \end{pmatrix} \cdot P$ 

$$P^{*}(y) = \frac{\omega \otimes \alpha}{\langle \omega, \alpha \rangle} \cdot P - \left(y_{n} - \frac{\omega \otimes \alpha}{\langle \omega, \alpha \rangle}\right) \cdot Q$$

$$Ref_{l,\omega}(?) = \left(-J_{l} + \chi \cdot \frac{\sigma \otimes \alpha}{\langle \sigma_{l} \alpha_{2} \rangle}\right) \cdot P - \left(-J_{l} - \frac{\sigma \otimes \alpha}{\langle \sigma_{l} \alpha_{2} \rangle}\right) \cdot Q$$

$$Ref_{l,\omega}(?) = \left(-J_{l} + \chi \cdot \frac{\sigma \otimes \alpha}{\langle \sigma_{l} \alpha_{2} \rangle}\right) \cdot P - 2 \cdot \frac{\alpha_{mil}}{\langle \sigma_{l} \alpha_{2} \rangle} \sigma$$

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2. 
$$7 \cdot x \circ y \Rightarrow w = (0,0,1)$$

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$$7 \cdot y - \frac{a \otimes v}{\langle a, v \rangle} \cdot P - \frac{a_{m11}}{\langle a, v \rangle} \cdot \overline{a}$$

$$+ Tabla$$

$$\begin{pmatrix} 2 \\ -3 \\ 1 \end{pmatrix} \begin{pmatrix} 2 & -3 & 1 \end{pmatrix} = \begin{pmatrix} 4 & -6 & 2 \\ -6 & 9 & -3 \\ 2 & -3 & 1 \end{pmatrix}$$

$$\Rightarrow \frac{1}{1} = \frac{3}{1} = \frac{6}{1} = \frac{-2}{1}$$

$$\Rightarrow \frac{1}{1} = \frac{3}{1} = \frac{6}{1} = \frac{-2}{1} = \frac{1}{1} =$$

$$7_{n_n}(P) = \left( \int_{N^{-1}} \frac{\partial \widehat{a}}{|a|^2} \right) \cdot P - \frac{a_{m_1}}{|a|^2} \cdot \widehat{a}$$

$$\alpha^{\perp} \otimes \alpha^{\perp} = \begin{pmatrix} \alpha_2 \\ -\alpha_1 \end{pmatrix} (\alpha_2 - \alpha_1) = \begin{pmatrix} \alpha_2^2 - \alpha_1 \alpha_2 \\ -\alpha_1 \alpha_2 & \alpha_1^2 \end{pmatrix}$$

$$P_{n,n}^{\perp} \begin{pmatrix} \begin{pmatrix} 1 & b \\ 0 & i \end{pmatrix} - \frac{1}{Q_{1}^{2} Q_{2}^{2}} & \begin{pmatrix} a_{2}^{2} & -a_{1} a_{2} \\ -a_{1} a_{2} & a_{1}^{2} \end{pmatrix}$$