

Principal Axes System (PAS)

Matrix

$$\begin{pmatrix} \text{blue} & \text{white} & \text{white} \\ \text{light blue} & \text{dark blue} & \text{white} \\ \text{light blue} & \text{dark blue} & \text{dark blue} \end{pmatrix}$$

Spherical Tensor

Rank 0

$$\text{grey} = \text{blue} + \text{dark blue} + \text{dark blue}$$

Rank 1

$$\text{light blue}, \text{light blue}, \text{dark blue}$$

Rank 2

$$\text{dark blue} - \text{grey}, \frac{\text{dark blue} - \text{blue}}{\text{dark blue} - \text{grey}}$$

PAS to Laboratory Frame

