from linearalgebra import det

$$E = \begin{bmatrix} x_1 - x_0 & x_2 - x_0 & x_3 - x_0 \end{bmatrix}$$

$$Vol(i, j, k, l) = \frac{1}{6} det\,(E)$$

where

- $x_0 \in \mathbb{R}^3$
- $x_1 \in \mathbb{R}^3$
- $x_2 \in \mathbb{R}^3$
- $x_3 \in \mathbb{R}^3$