Camera coordinate frame:

$$\beta = (\mu T)^{\frac{1}{2}} \qquad \qquad \Delta = [1,1,1,0]^{\frac{1}{2}}$$

$$\beta = \frac{1}{2} \begin{bmatrix} 0 & 0 & -2 & 6 \\ \sqrt{52} & -\sqrt{52} & 0 & \sqrt{52} \\ -\sqrt{52} & -\sqrt{52} & 0 & 3\sqrt{52} \end{bmatrix} \begin{bmatrix} 1 \\ 1 \\ 0 \end{bmatrix}$$