$$in := \begin{pmatrix} 3 \\ 5 \end{pmatrix} \qquad \alpha := 0 \qquad \beta := 0 \qquad \gamma := \frac{\pi}{2}$$

$$s1 := \begin{bmatrix} in_0 \cdot \cos(\alpha)^2 \\ \left(in_1 \cdot \cos\left(\frac{\pi}{2} - \alpha\right) \right)^2 \end{bmatrix} \qquad s1 = \begin{pmatrix} 3 \\ 0 \end{pmatrix}$$

$$s2 := \begin{bmatrix} s1_0 \cdot \cos(\beta)^2 \\ \left(s1_1 \cdot \cos\left(\frac{\pi}{2} - \beta\right) \right)^2 \end{bmatrix} \qquad s2 = \begin{pmatrix} 3 \\ 0 \end{pmatrix}$$

$$s3 := \begin{bmatrix} s2_0 \cdot \cos(\gamma)^2 \\ \left(s2_1 \cdot \cos\left(\frac{\pi}{2} - \gamma\right) \right)^2 \end{bmatrix} \qquad s3 = \begin{pmatrix} 0 \\ 0 \end{pmatrix}$$

$$in := \begin{pmatrix} 3 \\ 5 \end{pmatrix} \qquad \alpha := 0 \qquad \beta := \frac{\pi}{4} \qquad \gamma := \frac{\pi}{2}$$

$$s1 := \begin{bmatrix} in_0 \cdot \cos(\alpha)^2 \\ \left(in_1 \cdot \cos\left(\frac{\pi}{2} - \alpha\right) \right)^2 \end{bmatrix} \qquad s1 = \begin{pmatrix} 3 \\ 0 \end{pmatrix}$$

$$s2 := \begin{bmatrix} s1_0 \cdot \cos(\beta)^2 \\ \left(s1_1 \cdot \cos\left(\frac{\pi}{2} - \beta\right) \right)^2 \end{bmatrix} \qquad s2 = \begin{pmatrix} 1.5 \\ 0 \end{pmatrix}$$

$$s3 := \begin{bmatrix} s2_0 \cdot \cos(\gamma)^2 \\ \left(s2_1 \cdot \cos\left(\frac{\pi}{2} - \gamma\right) \right)^2 \end{bmatrix} \qquad s3 = \begin{pmatrix} 0 \\ 0 \end{pmatrix}$$