$$\begin{aligned}
& \mathcal{I}_{S} = \hat{\mathbf{n}} \cdot \mathcal{I} - (\hat{\mathbf{n}} \cdot \mathcal{I} \cdot \hat{\mathbf{n}}) \hat{\mathbf{n}} \\
& \mathcal{I}_{S} = \hat{\mathbf{n}} \cdot \mathcal{I} - (\hat{\mathbf{n}} \cdot \mathcal{I} \cdot \hat{\mathbf{n}}) \hat{\mathbf{n}} \\
& \mathcal{I}_{S} = \hat{\mathbf{n}} \cdot \mathcal{I} - (\hat{\mathbf{n}} \cdot \mathcal{I} \cdot \hat{\mathbf{n}}) \hat{\mathbf{n}} \\
& \mathcal{I}_{S} = \hat{\mathbf{n}} \cdot \mathcal{I} - (\hat{\mathbf{n}} \cdot \mathcal{I} \cdot \hat{\mathbf{n}}) \hat{\mathbf{n}} \\
& \mathcal{I}_{S} = \hat{\mathbf{n}} \cdot \mathcal{I} - (\hat{\mathbf{n}} \cdot \mathcal{I} \cdot \hat{\mathbf{n}}) \hat{\mathbf{n}} \\
& \hat{\mathbf{n}} \cdot \mathcal{I} = \hat{\mathbf{n}} \cdot \mathcal{I}_{S} \hat{\mathbf{n}}_{S} \\
& \mathcal{I}_{S} = \hat{\mathbf{n}} \cdot \mathcal{I} - (\hat{\mathbf{n}} \cdot \mathcal{I} \cdot \hat{\mathbf{n}}) \hat{\mathbf{n}} \\
& \hat{\mathbf{n}} \cdot \mathcal{I} = \hat{\mathbf{n}} \cdot \mathcal{I}_{S} \hat{\mathbf{n}}_{S} \\
& \mathcal{I}_{S} = \hat{\mathbf{n}} \cdot \mathcal{I}_{S} \hat{\mathbf{n}}_{S} \\
& \hat{\mathbf{n}} \cdot \mathcal{I} = \hat{\mathbf{n}} \cdot \mathcal{I}_{S} \hat{\mathbf{n}}_{S} \hat{\mathbf{n}}_{S} \\
& \hat{\mathbf{n}} \cdot \mathcal{I} = \hat{\mathbf{n}} \cdot \mathcal{I}_{S} \hat{\mathbf{n}}_{S} \hat{\mathbf{n}}_{S} \\
& \hat{\mathbf{n}} \cdot \mathcal{I} = \hat{\mathbf{n}} \cdot \mathcal{I}_{S} \hat{\mathbf{n}}_{S} \hat{\mathbf{n}}_{S} \\
& \hat{\mathbf{n}} \cdot \mathcal{I} = \hat{\mathbf{n}} \cdot \mathcal{I}_{S} \hat{\mathbf{n}}_{S} \hat{\mathbf{n}}_{S} \hat{\mathbf{n}}_{S} \\
& \hat{\mathbf{n}} \cdot \mathcal{I} = \hat{\mathbf{n}} \cdot \mathcal{I}_{S} \hat{\mathbf{n}}_{S} \hat{\mathbf{n}}$$

$$\hat{\eta}_{1} \cdot \hat{G}_{1} \cdot \hat{\eta}_{2} = \left(G_{22} \Pi_{2}^{2} + \lambda G_{23} \Pi_{2} \Pi_{3} + G_{33} \Pi_{3}^{2} \right)$$

$$\hat{\eta}_{1} \cdot \hat{G}_{1} \cdot \hat{\eta}_{1} \cdot \hat{\eta}_{2} = \left(G_{22} \Pi_{2}^{2} + 2 G_{23} \Pi_{2}^{2} \Pi_{3}^{2} + G_{33} \Pi_{2} \Pi_{3}^{2} \right)$$

$$\left(\hat{\eta}_{1} \cdot \hat{G}_{1} \cdot \hat{\eta}_{1} \right) \hat{\eta}_{3} = \left(G_{22} \Pi_{2}^{2} + 2 G_{23} \Pi_{2} \Pi_{3}^{2} + G_{33} \Pi_{3}^{2} + G_{33} \Pi_{3}^{2} \right)$$

$$\left(\hat{\eta}_{1} \cdot \hat{G}_{1} \cdot \hat{\eta}_{1} \right) \hat{\eta}_{3} + 2 G_{23} \Pi_{2} \Pi_{3}^{2} + G_{33} \Pi_{3}^{2} + G_{33} \Pi_{3}^{2} \right)$$

$$\left(\hat{\eta}_{1} \cdot \hat{G}_{1} \cdot \hat{\eta}_{1} \right) \hat{\eta}_{3} + 2 G_{23} \Pi_{2} \Pi_{3}^{2} + G_{33} \Pi_{3}^{2} + G_{33} \Pi_{3}^{2} \right)$$

$$\left(\hat{\eta}_{1} \cdot \hat{G}_{1} \cdot \hat{\eta}_{1} \right) \hat{\eta}_{3} + G_{23} \left(\hat{\eta}_{3} - 2 \hat{\eta}_{2}^{2} \hat{\eta}_{3} \right) - G_{33} \Pi_{2} \Pi_{3}^{2}$$

$$\frac{\sigma_{s}}{\sigma_{s}} = \left[\sigma_{22} \left(n_{2} - n_{2}^{3} \right) + \sigma_{23} \left(n_{3} - 2 n_{2}^{2} n_{3} \right) - \sigma_{33} n_{2} n_{3}^{2} \right] \\
- \sigma_{22} n_{2}^{2} n_{3} + \sigma_{23} \left(n_{2} - 2 n_{2} n_{3}^{2} \right) + \sigma_{33} \left(n_{3}^{2} n_{3}^{2} \right) \\
- \sigma_{22} n_{2}^{2} n_{3} + \sigma_{23} \left(n_{2} - 2 n_{2} n_{3}^{2} \right) + \sigma_{33} \left(n_{3}^{2} n_{3}^{2} \right) \right]$$

$$\frac{\sigma_{s}}{\sigma_{s}} = \left[\sigma_{22} \left(n_{2} - n_{2}^{2} n_{3}^{2} + \sigma_{23} \left(n_{3}^{2} - n_{3}^{2} \right) + \sigma_{33} \left(n_{3}^{2} - n_{3}^{2} \right) \right] \\
- \sigma_{22} n_{2}^{2} n_{3} + \sigma_{23} \left(n_{2} - 2 n_{2}^{2} n_{3}^{2} - n_{2}^{2} n_{3}^{2} \right) \right]$$

$$\frac{\sigma_{s}}{\sigma_{s}} = \left[\sigma_{22} \left(n_{2} - n_{2}^{2} n_{3} + \sigma_{23} \left(n_{3}^{2} - n_{3}^{2} \right) + \sigma_{33} \left(n_{3}^{2} - n_{3}^{2} \right) \right]$$

$$\begin{bmatrix} S_{1} \\ S_{2} \\ S_{3} \end{bmatrix} = \begin{bmatrix} n_{2} - n_{2} \\ n_{3} \\ -n_{2} \end{bmatrix} \begin{bmatrix} n_{3} - 2n_{2}^{2}n_{3} \\ -n_{2} \\ -n_{3} \end{bmatrix} \begin{bmatrix} n_{3} - 2n_{2}^{2}n_{3} \\ -n_{3} \end{bmatrix} \begin{bmatrix} \sigma_{2} \\ \sigma_{2} \\ \sigma_{3} \end{bmatrix} \begin{bmatrix} \sigma_{2} \\ \sigma_{2} \\ \sigma_{3} \end{bmatrix}$$

$$= \begin{bmatrix} S_{1} \\ S_{2} \\ -n_{3} \end{bmatrix} \begin{bmatrix} n_{3} - 2n_{2}^{2}n_{3} \\ -n_{3} \end{bmatrix} \begin{bmatrix} \sigma_{2} \\ \sigma_{3} \\ \sigma_{3} \end{bmatrix} \begin{bmatrix} \sigma_{2} \\ \sigma_{2} \\ \sigma_{3} \end{bmatrix}$$

$$= \begin{bmatrix} S_{1} \\ S_{2} \\ S_{3} \end{bmatrix} \begin{bmatrix} \sigma_{2} \\ \sigma_{3} \\ \sigma_{3} \end{bmatrix} \begin{bmatrix} \sigma_{2} \\ \sigma_{2} \\ \sigma_{3} \end{bmatrix} \begin{bmatrix} \sigma_{2} \\ \sigma_{3} \\ \sigma_{3} \end{bmatrix} \begin{bmatrix} \sigma_{3} \\ \sigma_{3} \\ \sigma_{3} \end{bmatrix} \begin{bmatrix} \sigma_{3$$

[S2] =
$$\begin{bmatrix} n_3^3 - n_3 - n_2^2 n_3 \end{bmatrix}$$
 $n_2 - 2n_2n_3^2$ $n_3^2 - n_3^2 n_3^2 - n_2^2 n_3^2$ [Sim S] $n_2 - 2n_2n_3^2$ [Sim S] $n_3 - n_3^2 n_3^2 n_3^2 - n_3^2 n_3^2 n_3^2 - n_3^2 n_3$

+ 023 (wod - sud) (wo $1 = \sqrt{22} \left(2 \sin^2 \theta \cos^2 \theta - \sin^2 \theta \right)$ $1 = \sqrt{22} \sin^2 \theta + \sqrt{23} \cos^2 \theta$ $1 = \sqrt{22} \sin^2 \theta + \sqrt{23} \cos^2 \theta$ → \[\sigma_{23} = \sec2\sqrt{ - \sigma_{22} \tan 2\sqrt{}} $\omega_{1} = 2 \sin \delta \cos \delta \sigma_{22} + \cos \delta \cos 2\delta \left[\frac{1}{\cos^{2} \delta} - \sigma_{22} \tan^{2} \delta \right]$ $\begin{cases} \omega s = (in26\omega s) + 22 + \omega s = -722 + 3in26 + 3in26 + 722 + 3in26 +$ > satisfied trivially. > only 1 independant equation