

$$\boldsymbol{S} = \boldsymbol{S}_{\text{vol}}^{\infty} + \boldsymbol{S}_{\text{iso}}^{\infty} + \sum_{\alpha=1}^m \boldsymbol{Q}_{\alpha}$$

$$\boldsymbol{S}_{\text{vol}}^{\infty} = J \frac{\partial \psi_{\text{vol}}^{\infty}(J)}{\partial J} \boldsymbol{C}^{-1}$$

$$\boldsymbol{S}_{\text{iso}}^{\infty} = J^{-\frac{2}{3}} \text{Dev} \left(2 \frac{\partial \psi_{\text{iso}}^{\infty}(\overline{\boldsymbol{C}})}{\partial \overline{\boldsymbol{C}}} \right)$$