

$$- \begin{pmatrix} \dot{\mathbf{1}} & \mathbf{T}_1^2 & \mathbf{T}_2^2 \end{pmatrix}$$

$$\mathbb{E} \left[- \left(\left(\epsilon \left(\mathbf{1} - \mathbf{T}_1 + \mathbf{T}_1^2 - \mathbf{T}_2 - \mathbf{T}_1^3 \mathbf{T}_2 + \mathbf{T}_2^2 + \mathbf{T}_1^4 \mathbf{T}_2^2 - \mathbf{T}_1 \mathbf{T}_2^3 - \right. \right. \right. \right. \\ \left. \left. \left. \mathbf{T}_1^4 \mathbf{T}_2^3 + \mathbf{T}_1^2 \mathbf{T}_2^4 - \mathbf{T}_1^3 \mathbf{T}_2^4 + \mathbf{T}_1^4 \mathbf{T}_2^4 \right) \right) / \left(\left(\mathbf{1} - \mathbf{T}_1 + \mathbf{T}_1^2 \right) \right. \right. \\ \left. \left. \left(\mathbf{1} - \mathbf{T}_2 + \mathbf{T}_2^2 \right) \left(\mathbf{1} - \mathbf{T}_1 \mathbf{T}_2 + \mathbf{T}_1^2 \mathbf{T}_2^2 \right) \right) \right) \right] / \\ \left(\left(\mathbf{1} - \mathbf{T}_1 + \mathbf{T}_1^2 \right) \left(\mathbf{1} - \mathbf{T}_2 + \mathbf{T}_2^2 \right) \left(\mathbf{1} - \mathbf{T}_1 \mathbf{T}_2 + \mathbf{T}_1^2 \mathbf{T}_2^2 \right) \right)$$