

$$G^{(l)} = \frac{1}{(l-1)!} \left[\frac{(C_A - \mathbf{T}_t^2)}{2} \right]^{l-1} \left(1 - \frac{C_A}{C_A - \mathbf{T}_t^2} R(\epsilon) \right)^{-1} \Big|_{\epsilon^{l-1}}$$