

$$\Omega_s^{(\ell-1)}(p, k) = \hat{H}_s \Omega_s^{(\ell-2)}(p, k)$$

$$\hat{H}_s \Psi(p, k) = (2C_A - \mathbf{T}_t) \int [\mathrm{D}k'] \frac{2(k \cdot k')}{k'^2 (k - k')^2} \left[ \Psi(p, k') - \Psi(p, k) \right] + (C_A - \mathbf{T}) J_s(p, k) \Psi(p, k)$$