

$$K = -2 \ln \left(\nu + \frac{\zeta}{g_s^{3/2}} \right) + \frac{(T_+ + \bar{T}_+ + q_1 V_1)^2}{\nu} + \frac{(G + \bar{G} + q_2 V_2)^2}{\nu} + \frac{C^i \bar{C}^i}{\nu^{2/3}} \, ,$$