$$K = -2\ln\left(\frac{1}{\kappa}\left(\left(\frac{T_b+\bar{T}_b}{2}\right)^{3/2} - \left(\frac{T_s+\bar{T}_s}{2}\right)^{3/2}\right) + \frac{\xi}{g_s^{3/2}}\right)$$

$$W = W_0 + A_s e^{-a_s T_s}$$