

$$\frac{d}{d\ln\mu}\left(\frac{1}{\alpha_a}\right)=\frac{b_a}{2\pi}+\frac{B_{ab}}{2\pi}\frac{\alpha_b}{4\pi}+\frac{C_{af}}{2\pi}\frac{c_f^2}{16\pi^2}\left(\frac{f}{\Lambda}\right)^{2D_f}$$