$$\lambda_{\mathrm{eff}} = \lambda_{\mathrm{eff}} + \frac{1}{2}\lambda_{\mathrm{eff}}^2 + \frac{1}{3}\lambda_{\mathrm{eff}}^3 + \frac{1}{4}\lambda_{\mathrm{eff}}^4 + \cdots \tag{3}$$