Local Scale Inv. :

$t > s$ {

$$R_{x=0}(t,s) = \rho_0 (t-s)^{-\frac{x_1+x_2}{z}} \left(\frac{t}{s}\right)^{\frac{x_2-x_1}{z}}$$

$$R_x(t,s) = R_{x=0}(t,s)\, \Phi\left(|x|(t-s)^{-1/z}\right)$$

$$\Rightarrow \quad R_{q=0}(t,s) = A_R (t-s)^{\cdots} \left(\frac{t}{s}\right)^{\cdots} \cdot \underbrace{1}_{\| \; F_R(v) \quad RG}$$

Def. $$\Lambda(t,s) \equiv \frac{\Omega\, R_{q=0}(t,s)}{\partial_s C_{q=0}(t,s)}$$ analogous to $X_x(t,s)$

$$\Rightarrow \quad \lim_{\substack{t\to\infty \\ s \text{ fix}}} \Lambda(t,s) = X^{\infty}$$

2 loop results: $\epsilon \equiv 4-d > 0$

$$F_R(v) = 1 + \epsilon^2 \frac{3(N+2)}{8(N+8)^2} f_R(v) + O(\epsilon^3)$$

$$\partial_s C_{q=0}(t,s) = \ldots\ldots$$

$$(2X^{\infty})^{-1} = 1 + \frac{N+2}{4(N+8)}\epsilon + \frac{N+2}{(N+8)^2}\left[\frac{N+2}{8} + \frac{3(3N+14)}{4(N+8)} + \underbrace{-0.0415}_{+C}\right]\epsilon^2 + \ldots$$