small field	large field
$C \sim \lvert t\rvert^{-\alpha}$	$C \sim h^{-\varepsilon}$
$m \sim \lvert t\rvert^{\beta}$ $\beta > 0$	$m \sim h^{1/\delta}$
$\chi \sim \lvert t\rvert^{-\gamma}$ $\gamma > 0$	$\xi \sim h^{-\mu}$ $\mu > 0$
$G_1 \sim \frac{1}{\xi^{d-2+\eta}}$	
$\xi \sim \lvert t\rvert^{-\nu}$	

Equality.

$(t<0)$ $m \sim |t|^{\beta}$

$M_{induced} \sim \chi h = |t|^{-\gamma} h$

$m \sim M_{induced} \Rightarrow \boxed{|t|^{\beta+\gamma} \sim h}$

$\chi \sim \int d^d x\, G^c_{mm}(x) \sim \xi^{2-\eta} \sim |t|^{-\gamma} \Rightarrow \gamma = (2-\eta)\nu$

$m_s \sim m_2 \Rightarrow |t|^{\beta} \sim h^{1/\delta} \sim |t|^{\frac{\beta+\gamma}{\delta}} \Rightarrow \beta\delta = \gamma + \beta$

$C_s \sim C_L \Rightarrow |t|^{-\alpha} \sim h^{-\varepsilon} \sim (t)^{-(\beta+\gamma)\varepsilon} \Rightarrow \alpha = (\beta+\gamma)\varepsilon$

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check $\alpha + 2\beta + \gamma = 2$

$C \sim \frac{\partial^2 f}{\partial t^2} \Rightarrow f \sim T^2 C$

$m \sim \frac{\partial f}{\partial h} \Rightarrow f \sim hm$

so $T^2 C \sim hm \Rightarrow |t|^{2-\alpha} \sim h|t|^{\beta} \Rightarrow 2-\alpha = \beta + \beta + \gamma$

thus $\alpha + 2\beta + \gamma = 2$ //