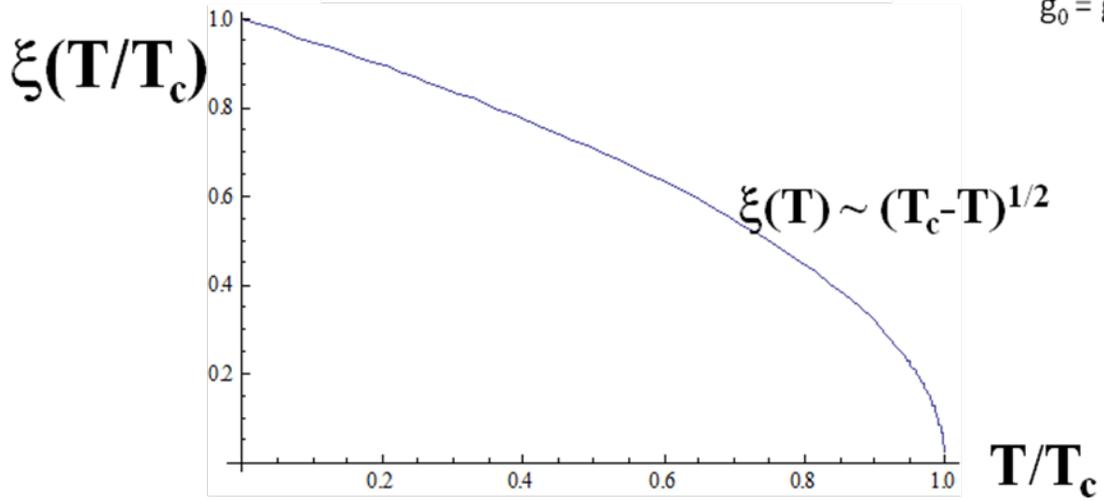
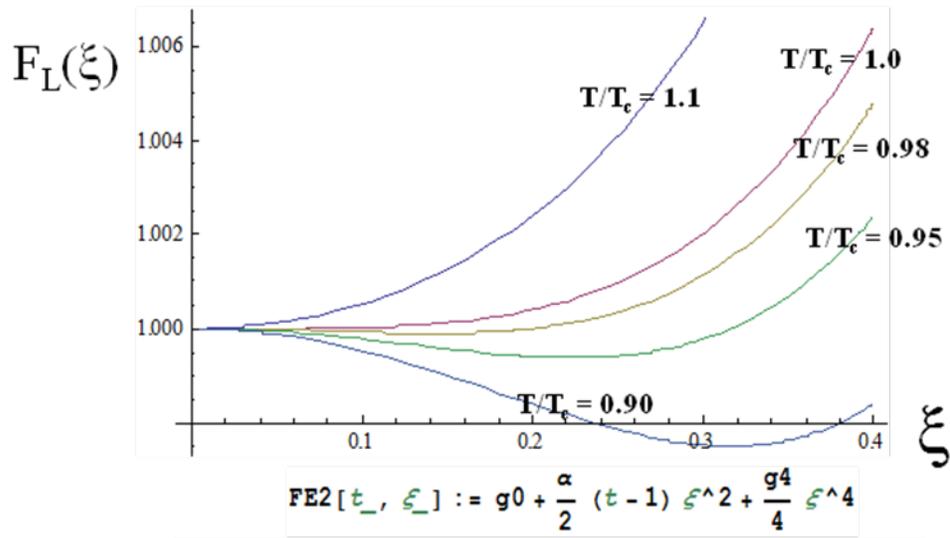


## Landau Theory of a Second Order Phase Transition



## Landau Theory of a First Order Phase Transition

$$F_L(\xi) := g_0 + \frac{\alpha}{2} (t-1) \xi^2 - \frac{g_4}{4} \xi^4 + \frac{g_6}{6} \xi^6$$

