

Primary operators of CFT, $O_a(x)$, obey (at $T = 0$):

$$\langle O_a(x)O_b(0)\rangle = \frac{\delta_{ab}}{|x|^{2\Delta_a}}$$

where Δ_a is their scaling dimension. Their “interactions” are determined by the OPE (considering scalar operators only)

$$\lim_{x'\rightarrow x} \langle O_a(x')O_b(x)O_c(0)\rangle = \frac{f_{abc}}{|x|^{\Delta_a+\Delta_b+\Delta_c}}$$

The values of $\{\Delta_a, f_{abc}\}$ determine (in principle) all observable properties of the CFT, as constrained by conformal Ward identities. For the Wilson-Fisher CFT₃, systematic methods exist to compute (in principle) all the $\{\Delta_a, f_{abc}\}$, and we will assume this data is *known*. This knowledge will be taken as an *input* to the computation of the finite T dynamics