

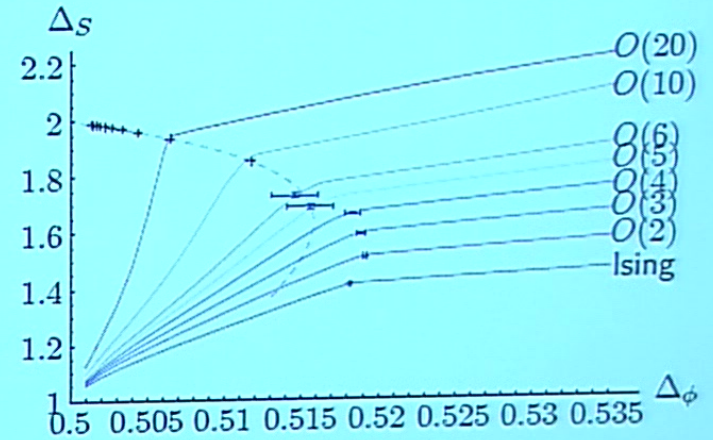
Title: Closing Remarks

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URL: <http://pirsa.org/16080054>

Abstract:

## 3D $O(N)$ Bounds



[Kos, DP, Simmons-Duffin '13]

- ▶ Extension to  $\langle \phi_i \phi_j \phi_k \phi_l \rangle$ , where  $\phi_i$  is  $O(N)$  vector
- ▶ Large  $N$ : matches  $1/N$  expansion, Small  $N$ : matches experiment!

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Bootstrapping 3D CFTs