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Strings on the lattice and AdS/CFT

Friday, 29 July 2016 17:30 (20 minutes)

String sigma-models relevant in AdS/CFT are highly non-trivial two-dimensional field theories whose perturbative analysis is being crucially used to verify various conjectures, among which their integrability. I will discuss significant progress on how to address the extraction of information at finite values of the string effective tension via the use of lattice-based methods.

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