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Handling Handles: Non-Planar AdS/CFT Integrability

Friday, 24 August 2018 11:00 (45 minutes)

I will explain how to compute non-planar correlation functions in AdS/CFT at large N by integrability methods. The computation is based on a tessellation of the worldsheet into integrable hexagon patches, and it naturally includes a discretization of the string theory moduli space. The weak-coupling expansion is extremely efficient in the large-charge limit. Finite charges require a careful treatment of boundary effects.

Summary

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