

Integrability of planar N=4 SYM and BFKL

Monday 15 January 2024 09:30 (30 minutes)

I will review the origins and the formalism of quantum spectral curve (QSC) computing the anomalous dimensions of operators at any coupling in maximally supersymmetric (N=4) Yang-Mills theory in the planar limit. Then I will demonstrate how to extract from QSC the Regge limit (small coupling, spin close to -1) for the dimension of twist-2 operator and to reproduce the LO BFKL formula.

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