Quantum chromodynamics: string theory meets collider physics



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Conformal spins at colliders and BFKL versus gravitational collapse.

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Firstly, we review the Moebius invariance present in the Regge limit of perturbative QCD, and argue that the associated conformal spins are related to azimuthal angle correlations in the hadro-production of dijets. Secondly, we report on progress in the study of the connection between unitarity corrections at small x and critical behaviour of gravitational collapse in five dimensions.

Based on preprint

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