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BPS Wilson loops and an exact result for the Bremsstrahlung function in ABJM model

Tuesday, 14 April 2015 11:50 (30 minutes)

We discuss results and quantum properties of a family of generalized fermionic Wilson loops in ABJ(M) theory. We propose an all-order prescription for computing the Bremsstrahlung function associated to the 1/2-BPS cusp in terms of this family of WL. The validity of this prescription is a non-trivial test of the AdS4/CFT3 correspondence.

Presenter: PENATI, Silvia

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