

N=4 SYM in large-charge limits

Tuesday 17 December 2024 10:45 (45 minutes)

I will discuss some recent progress in computing certain correlators of four half-BPS operators in N=4 SYM, with two heavy and two light operators, which we will refer to as heavy-heavy-light-light (HHLL) correlators. We'll consider the HHLL correlators in various interesting regimes (e.g. large-charge 't Hooft limit) as well as the integrated version of the HHLL correlators and their relations to supersymmetric localisation.

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