

NEW PERSPECTIVES IN CONFORMAL FIELD THEORY AND GRAVITY

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Constraints of Superconformal Symmetry

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Due to their importance in both, AdS/CFT-correspondence as well as scattering amplitude research, half-BPS correlators of $\mathcal{N} = 4$ SYM have experienced a tremendous amount of study in the past years.

Especially 4- and higher point correlators are of huge interest given that, via the OPE, etc. they contain a wealth of CFT data, also for more complex operators. Despite their importance, very little is known about 5- and higher point correlators.

In this talk, we will present a method to constrain those higher point correlators further (to be specified later).

Summary

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