Contribution ID: **1414**   Type: **Parallel session talk**

Superstring amplitudes from BCJ numerators at one loop

Saturday 20 July 2024 09:00 (15 minutes)

We show how to construct the moduli-space integrands for one-loop superstring amplitudes from the knowledge of 10D field-theory loop integrands in the BCJ form. Our map provides an alternative to intricate computations involving worldsheet supersymmetry. This construction is a one-loop higher-point analogue of a recent conjecture for the three-loop four-point superstring amplitude.

Alternate track

I read the instructions above

Yes

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Session Classification: Formal Theory

Track Classification: 10. Formal Theory