Institut Henri Poincaré

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String Theory in Greater Paris

Rencontres Théoriciennes

"Supergravité, théorie des cordes et théorie M"

Jeudi 2 Novembre 2023, 11:45

Ruben Monten

CERN

A path integral for the S-Matrix

I will review a formulation of the S-matrix in terms of a path integral that is a functional of asymptotic boundary conditions. This approach, which was originally proposed by Arefeva, Faddeev and Slavnov, bears resemblance to the AdS partition function. I will show that it is well-suited to analyze the asymptotic symmetries, derive soft theorems, and calculate particle production in curved spacetime.

Institut Henri Poincaré, salle 314, 3ème étage

Retrouvez les activités de la communauté parisienne de théorie des cordes sur
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