





Library Indian Institute of Science Education and Research Mohali



DSpace@IISERMohali / Thesis & Dissertation / Master of Science / MS-16

Please use this identifier to cite or link to this item: http://hdl.handle.net/123456789/3855

Title: Geometrising Gauge Theory Feynman Diagrams Using AdS/CFT

Authors: Bharathkumar, R.

Keywords: Geometrising Fevnman

AdS/CFT

Issue 28-Jul-2021

Date:

Abstract:

Publisher: IISERM

In this thesis, with the goal of showing a Gross-Mende like behaviour of string worldsheets moving in the tensionless limit of an AdS $5 \times S$ 5 geometry as the guiding north star, we attempt to develop a framework to relate the string worldsheet to the free boundary CFT. Utilising the tools of twistor geometry and Strebel differentials, we chart a path towards achieving this goal. In the process, we relate the goal with the broader search for mechanisms to demonstrate how QFTs organise themselves as string theories.

URI: http://hdl.handle.net/123456789/3855

Appears in Collections:

MS-

Files in This Item:

File	Description	Size	Format	
MS16097.pdf		979.24 kB	Adobe PDF	View/Open

Show full item record

di

Items in DSpace are protected by copyright, with all rights reserved, unless otherwise indicated.



Customized & Implemented by - Jivesna Tech