7th International Conference on New Frontiers in Physics (ICNFP2018)



Contribution ID: 212 Type: Oral presentation

Asymptotics of the rolling tachyon

Tuesday, 10 July 2018 11:50 (50 minutes)

We address the puzzle of the light-like rolling in linear dilaton background relaxing to the tachyon vacuum. While we expect no perturbative fluctuations around the tachyon vacuum, and yet the tachyon relaxes to the vacuum, the resolution of this paradox comes in the form of an asymptotic series.

Primary author: Dr SCHNABL, Martin (CEICO, Institute of Physics of the Czech Academy of Sciences)

Presenter: Dr SCHNABL, Martin (CEICO, Institute of Physics of the Czech Academy of Sciences)Session Classification: Workshop on Resurgent Asymptotics in Physics and Mathematics