

Modular transformation of tau-functions on the torus.

Friday, May 27, 2022 10:45 AM (45 minutes)

The connection constant of the tau-function on the torus corresponds to its modular transformation and is related to the modular kernel of conformal blocks. In this talk, I will show the connection constant in terms of the monodromy data for a torus with one simple pole as an example, but the techniques extend to any number of simple poles.

Primary author: DESIRAJU, Harini (SISSA)

Co-authors: DEL MONTE, Fabrizio (CRM Montreal); GAVRYLENKO, Pavlo

Presenter: DESIRAJU, Harini (SISSA)