Séminaire commun

The general Loom CFT and star-triangle symmetry

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Jeudi 23 Fevrier 2023 à 14:00

LPENS – L361 (24 Rue Lhomond)

Résumé

The star-triangle relation is a fundamental equation in the theory of integrable lattice models. In 1980 A. Zamolodchikov formulated a continuous version of such integrable lattices with the name of ”fishing-nets”, which inspired the recent construction of the Fishnet conformal field theories, a family of non-unitary CFTs which are integrable by star-triangle symmetry. I will present the general realisation of an integrable CFT based on the star-triangle identity and discuss related open problems in integrable field theories.