Institut Henri Poincaré

11 rue Pierre et Marie Curie, 75231 Paris cedex 05

String Theory in Greater Paris

Rencontres Théoriciennes

“Supergravité, théorie des cordes et théorie M”

Jeudi 5 Septembre 2024, 11:00

Shiraz Minwalla

Tata Institute

Level Rank Duality in Quantum Mechanics

We formulate the non relativistic quantum description of a collection of particles, in specified but arbitrary representations of the gauge group, interacting via a Chern-Simons coupled gauge field. We argue that the quantum systems so constructed enjoy invariance under level rank duality.

Institut Henri Poincaré, salle 314, 3ème étage