

At the crossroads of physics and mathematics : the joy of integrable
combinatorics (Philippe60)



ID de Contribution: 17

Type: Non spécifié

Integrable monopoles (online talk)

mardi 25 juin 2024 10:15 (30 minutes)

A static monopole embedded in $N=4$ super Yang-Mills theory constitutes a one-dimensional defect, a 't Hooft line and gives rise to a defect conformal field theory. We demonstrate how quantizing around the monopole background can be implemented via the solution of beautiful and exactly solvable quantum mechanical problems.

Orateur: KRISTJANSEN, Charlotte (Niels Bohr Institute, Copenhagen University)