

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.

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