

Tenseurs : information quantique, complexité et combinatoires quantiques

Tensors: Quantum Information, Complexity and Combinatorics

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The Complexity of Satisfiable CSPs

In this talk we will discuss a recent line of work addressing and studying the complexity of satisfiable CSPs whose goal is to prove a dichotomy theorem for CSPs in the realm of approximation problems. We will mention relations to other fields and problems, such as discrete Fourier analysis, direct product testing and linearity testing.