

Φ_3^4 as a Markov Field

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Abstract

Random Fields with possess the Markov Property have played an important role in the development of Constructive Field Theory. They are related to their relativistic counterparts through Nelson Reconstruction. In this talk I will describe an attempt to understand the Markov Property of the Φ^4 measure in 3 dimensions. This is based on Joint work with T. Gunaratnam.

*Punctual, i.e. sine tempore!