

M A T H E M A T I C A L P H Y S I C S S E M I N A R

Rutgers University
Hill Center - Room 705

The Quantum Marginal Problem and Quantum Conditioning

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Abstract

The lack of a good analog of sample points, and therefore conditioning, is the source of a number of challenges in quantum statistical mechanics. In this talk, we present recent results on the quantum marginal problem, and related problems concerning quantum conditioning. This is joint work with Joel Lebowitz and Elliott Lieb.