



Physics Colloquium

Friday, November 12, 2010, 4:00 pm, PS 3046

Prof. Tom Osborn

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Probability in Classical and Quantum Mechanics

In the axiomatic statement of quantum mechanics the notion of probability is absent. It arises only in a post hoc fashion as an interpretation of some quantum predictions.

This talk will present a historical account of how it is possible to reformulate quantum mechanics in classical phase space and thereby make quantum probability a central structure of the theory.