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Joint DEMOCRITOS-ICTP School on Continuum Quantum Monte Carlo Methods | (smr 1595)

Monday 12 January 2004

INTRODUCTION TO MONTE CARLO - Adriatico Guest House Kastler Lecture Hall (10:00-11:00)

Random numbers, how to sample normale distribution, optimization of sampling distribution.

Bias, statistical errors.

Random walks, Metropolis algorithm.

Variational theorem, Variational Monte Carlo for one particle.

time	title	presenter
10:00	INTRODUCTION TO MONTE CARLO	D.M. CEPERLEY