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Modern actions, algorithms, and computers for Lattice QCD

Tuesday, 6 September 2011 10:50 (40 minutes)

I discuss recently developed formulations of lattice Fermions possessing near-exact chiral symmetry. These are particularly appropriate for the simulation of complex weak matrix elements. I also discuss the state of the art of supercomputing for Lattice simulation

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Track Classification: Track 3: Computations in Theoretical Physics - Techniques and Methods