



Theory Seminar

Monday, February 4, 2008 2:10 PM 831 Pupin Hall



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Calculating CP violation parameter, B_K using improved staggered fermions

A recent progress in calculating B_K using staggered fermions are reviewed. In particular, there has been a series of progress in understanding the power counting rules through numerical study on pion spectrum in parallel with a theoretical development of staggered chiral perturbation theory. This progress is essential to calculate B_K with extremely high precision.

