Joint CQSE and CASTS Seminar

Weekly Seminar
Feb. 22, 2013 (Friday)

TIME   Feb. 22, 14:30 ~ 15:30
TITLE   Symmetry-protected quantum state renormalization algorithm
              in tenor product representation
SPEAKER   Prof. Feng-Li Lin
              Department of Physics, National Taiwan Normal University
PLACE   Rm716, CCMS & New Physics Building, NTU

Abstract

   I will review the basics of the symmetry-protected topological order and its classification using group cohomology. Then, I will describe our recent proposal of symmetry-protected quantum state renormalization algorithm for implementing the numerical studies based on tensor product representation.