



清华大学高等研究院

Institute for Advanced Study, Tsinghua University

学术报告

- Title:** Boundary-bulk duality in topological orders
- Speaker:** Liang Kong
University of New Hampshire
- Time:** 10:30am, Tuesday, Jan. 3, 2017
- Venue:** Conference Hall 322, Science Building, Tsinghua University

Abstract

Boundary-bulk duality has appeared in math quantum many body systems. In this talk, I will first give a precise mathematical formulation of boundary-bulk duality for 2d topological orders with a 1d gapped boundary, then I will move on to talk about this duality in any dimensions. I will give a formal proof of this duality in arbitrary dimensions. All necessary mathematical notions will be recalled. No mathematical background is required to understand this talk.