HARVARD UNIVERSITY 17 Oxford Street Cambridge, MA 02138



Tuesday, December 1, 2020, at 10:00 (Boston) 15:00 (UK/Eire) 16:00 (C.Europe) 23:00 (China) Mathematical Picture Language Seminar

Zoom at: https://harvard.zoom.us/j/779283357?pwd=MitXVm1pYUIJVzZqT3lwV2pCT1ZUQT09

Topological order, tensor networks and subfactors Yasuyuki Kawahigashi, University of Tokyo

Abstract: We present recent progress on studies of 2-dimensional topological order in terms of tensor networks and its connections to subfactor theory. We explain how Drinfel'd centers and higher relative commutants naturally appear in this context and use of picture language in this study.

