

HARVARD UNIVERSITY
17 Oxford Street
Cambridge, MA 02138



Tuesday, May 25, 2021, at 10:00 (Boston)
15:00 (UK/Eire) 16:00 (C.Europe) 22:00 (China)
Mathematical Picture Language Seminar

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

Rigorous results about Relative entropy in QFT

Feng Xu, University of California Riverside

Abstract. We will present some rigorous results about Relative entropy in QFT, motivated in part by recent physicists' work which however depends on heuristic arguments such as introducing cut off and using path integrals. In the particular case of CFT, we will discuss interesting relations between relative entropy, central charge and global dimension of conformal net.

