東北大学　宇宙創成物理学国際共同大学院プログラム

GP-PU (Graduate Program on Physics for the Universe）Seminar

“Basics of topological phases of matter”

by Kazuya Yonekura (Tohoku U.)

Time and Date: 15:00-17:00, Dec 13th, 2022

Place: Room 745, Science Complex B H03 (hybrid)

Registration:"https://us02web.zoom.us/meeting/register/tZUoc-yhqzgtGNStu6WISYn2wROFkB-T9vLQ”

Abstract: In condensed matter physics, the concept of ``topological phases of matter''
(for which other terminology may also be used) have been developed rapidly in recent years.
These developments also have important impact on some studies of theoretical high energy physics.
I review the basic concept by taking integer quantum Hall systems as the most basic example.

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