Note for vortex phase transition in iron-based superconductor

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2023.3.17

Abstract

Iron-based superconductor is a very good platform to search Majorana zero model due to it's topological band and high temperature superconductor. Here we search the vortex phase transition in iron-based superconductor.

 $k \cdot p$ construct Hamiliton

Vortex Phase Transition