

**Project Title:**

## **Machine Learning Topological States of Matter**

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Reason for not using the supercomputer:

My account was applied at the end of 2019, and was approved on Jan. 6, 2020. Up to now, no project has been executed on this supercomputer.

The previous method using manifold learning was not very computationally expensive, and the desktop in the office with multiprocess parallel computing was sufficient for the task.

The following project, possibly using deep learning to study topological states, will be performed in this fiscal year on the supercomputer.