
Student Geometry Seminar

國立清華大學數學系 學生幾何研討會

講題 Introduction to the Maslov index

講者 劉筱玟

時間 2023.10.12 (Thu) 17:30 – 18:30

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Abstract

The Maslov index is an integer associated with a loop in the Lagrangian Grassmannian manifold. In this talk, we will introduce Lagrangian subspaces and show bijection between the quotient group $U(m)/O(m)$ and the Lagrangian Grassmannian manifold. Finally, we will give the definition of the Maslov index and compute it for some examples.

