

國立中正大學數學系
暨應用數學碩士班、統計科學碩士班

學 術 演 講

**THE GEOMETRY OF LEGENDRIAN SUBMANIFOLDS
IN THE HEISENBERG GROUP**

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Abstract

The geometry of Equilibrium Thermodynamics is well-known. In thermodynamics the major role is played by the maximum dimensional integral submanifolds of the contact distribution, by the so-called Legendrian submanifolds (Legendre submanifolds). In this talk, I will introduce the uniqueness and existence questions for Legendrian submanifolds in the Heisenberg group via Cartan's method of moving frames and the theory of Lie groups.

日 期:112 年 4 月 19 日(星期三) 16:10~17:00

地 點: 本校數學館 527 教室 (嘉義縣民雄鄉大學路 168 號)

茶 會: 15:30~16:00 數學館四樓 409 室舉行

歡迎參加 敬請公佈

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