

國立清華大學數學系學術演講

NTHU MATH Colloquium

- 講題 Some Recent Equations in Gauge Theory
- 講者 劉之中教授 (成大數學系)
- 時間 2021.11.15 (Mon.) 16:00 – 17:00
- 地點 第三綜合大樓**2樓 Room 201** (請同學配戴口罩)
- 茶會 15:30, Room 707

Abstract

Many interesting equations in differential geometry originate from physics. A particularly well known field is the theory of Yang-Mills field, which traces its origin to Maxwell equations in classical electromagnetism and opens up a tremendously deep field in differential geometry. I will briefly discuss these mathematical results, and present more equations that can be derived/extended from Yang-Mills equations. Some of them are quite recent and are under very active research.