

---

# Student Geometry Seminar

國立清華大學數學系 學生幾何研討會

---

**講題** Holomorphic vector bundles, Hermitian metrics, and positivity notions

**講者** 吳侑儒 博士 (中央研究院)

**時間** 2022.11.18 (Fri) 14:30 – 15:30

**地點** 綜三 631

## Abstract

We will introduce holomorphic vector bundles, Hermitian metrics, and Chern curvature. There are various positivity notions about the curvature, and we will focus on Griffiths positivity. Some basic properties will be given and proved. We will also mention some problems that seem still open.