

NTU 2026 Spring — Differential Geometry II

By Chin-Lung Wang

Projects for final reports

(written report + two 40 minutes oral presentations for each project)

Nash's isometric embedding theorem

江宇哲

Cartan's classification of symmetric spaces

許博能

Simons/Bombieri-De Giorgi-Giusti non-planar minimal graphs

江恩驊

Milnor's 28 differentiable structures on S^7

吳孟恩

Uhlenbeck compactification for ASD YM connections

吳政蔚

Classification of integral unimodular quadratic forms

張廷岳

Non squeezing theorem in symplectic geometry

楊祐傑

Kähler Ricci flow and KE metrics with $c_1 \geq 0$

相守恆

The h-cobordism and generalized Poincare conjecture

李沐恩