

電腦與數學 系列專題演講

演講人

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網站報名及活動相關問題請洽:

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報名網址

6.26
(Mon.)
2-3 pm

電腦與數學 (一) : 用電腦證明定理
Computer and Math I: Proving Theorems on a Computer

Due to the incompleteness theorem, one should not ask a computer to prove or disprove a statement and expect the correct answer. So we demonstrate the next best thing: "discussing" with a computer to compose a formal proof that meets the standard of the math community.

6.30
(Fri.)
2-3 pm

電腦與數學 (二) : 電腦如何做符號計算
Computer and Math II:
How a Computer Manipulates Mathematical Symbols

In order to make a computer "speak math", we need to teach it how to handle abstract notions such as polynomials, matrices, differentiation and integration, and, the most notorious of all, the real numbers. In this talk, we discuss how this inspires new, interesting math problems.

7.7
(Fri.)
2-3 pm

電腦與數學 (三) : 數學家的生產力工具
Computer and Math III:
Productivity Tools for the Working Mathematician

We want to introduce VS Code, Jupyter, SageMath, Git, and Vim to the math community.