

國立清華大學數學系學術演講

NTHU MATH Colloquium

- 講題 Iterated averaging property for Boltzmann equations
- 講者 吳恭儉 教授 (成功大學)
- 時間 2021.04.19 (Mon.) 16:00 – 17:00
- 地點 第三綜合大樓4F Lecture Room B
- 茶會 15:30, R707

Abstract

Iterated averaging property arise in the study of well-posedness of solutions to the Boltzmann equations. This property says that if one mix the transport operator and an integral operator several times, then we will get some regularity results. In this talk we will present this property in fractional sense and apply it to the Boltzmann equation for very soft potentials.