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# Seminar

## *Algebraic Criteria for Lipschitz Equivalence of Dust-Like Self-Similar Sets*

*Professor Ying Xiong*

*South China University of Technology*

### Abstract

In this talk we study the Lipschitz equivalence problem for dust-like self-similar sets with commensurable ratios. We obtain an algebraic criterion of Falconer--Marsh type to check whether such two self-similar sets are Lipschitz equivalent, and prove that it is a sufficient and necessary condition.

Date: 15 August 2019 (Thursday)

Time: 2:30pm – 3:30pm

Venue: Room 222, Lady Shaw Building,  
The Chinese University of Hong Kong, Shatin

*All are Welcome*