Seminar

Diophantine approximation problems related to fractals and dynamics

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Abstract
In my talks, I will discuss some problems in Diophantine approximation related to fractals and dynamics. I will first focus on badly approximable vectors, discussing recent progress and main ideas in the proofs. Key tools of the proofs are from fractals and homogeneous dynamics. If time permits, we will talk about multiplicative Diophantine approximation. We will talk about some open problems in this area.

Date: 8 August 2019 (Thursday)
Time: 2:30pm – 4:30pm
Venue: Room 222, Lady Shaw Building,
         The Chinese University of Hong Kong, Shatin

Date: 9 August 2019 (Friday)
Time: 10:00am – 12:00noon
Venue: Room 222, Lady Shaw Building,
         The Chinese University of Hong Kong, Shatin

All are Welcome