



Department of Mathematics
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Short Course

Lyapunov exponents of the products of random matrices

Professor Qinghui Liu

Beijing Institute of Technology

Abstract:

The following topics will be covered in this short courses:

- (1) Oseledets' multiplicative ergodic theorem
- (2) The fundamental theorem on the simplicity of Lyapunov spectrum due to Furstenberg, Guivarc'h and Raugi
- (3) Some applications

Main reference: the survey paper by Gol'dsheid and Margulis (1989)

Date:	20 February 2019 (Wednesday) 27 February 2019 (Wednesday)
Time:	4:00 p.m. - 6:00 p.m.
Venue:	Room 219, Lady Shaw Building The Chinese University of Hong Kong, Shatin
Date:	22 February 2019 (Friday) 1 March 2019 (Friday)
Time:	10:00 a.m. - 12:00 noon
Venue:	Room 222, Lady Shaw Building The Chinese University of Hong Kong, Shatin

All are Welcome!