



复旦大学数学科学学院 数学综合报告会

报告题目: **On completely scrambled systems**

报告人: Professor Piotr Oprocha

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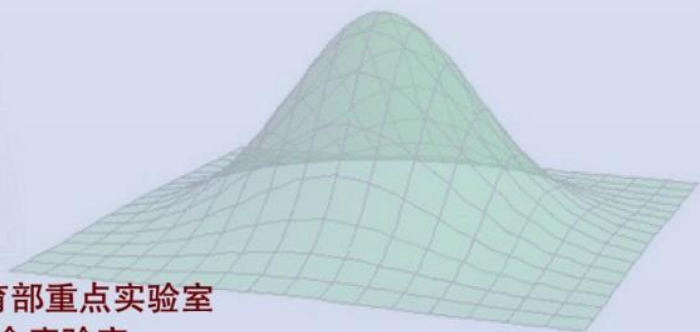
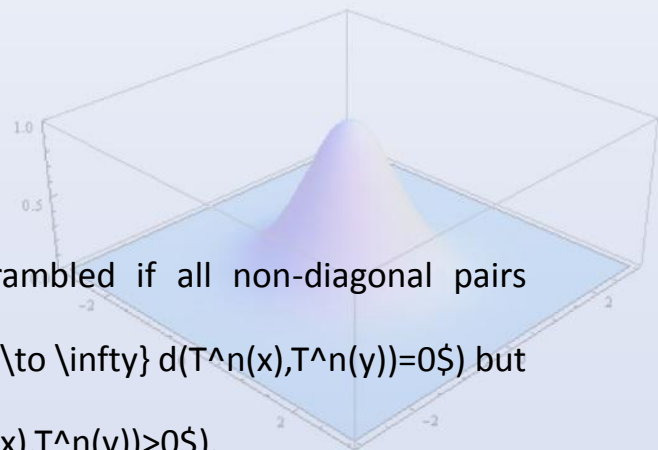
报告时间: 2017-03-08 星期三 16:10—17:10

报告地点: 光华东主楼 1801

摘要:

A dynamical system (X, T) is completely scrambled if all non-diagonal pairs $(x, y) \in X \times X$ are proximal (i.e. $\liminf_{n \rightarrow \infty} d(T^n(x), T^n(y)) = 0$) but not asymptotic (i.e. $\limsup_{n \rightarrow \infty} d(T^n(x), T^n(y)) > 0$).

In this talk we will survey recent progress on characterization of such systems and their additional dynamical properties.



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