

青年学术论坛邀请报告

报告人: Simon Peter Baker

单位: University of Reading

时间: 03月28日 (周一) 13:00–14:00

邀请人: 李文侠教授

地点: 闵行数学楼102报告厅

题目: Approximation properties of beta-expansions

摘要: Khintchine's theorem is one of the most famous results in Diophantine approximation. It describes the size of the set of well approximable numbers in term of naturally occurring volume sums. In a recent paper I conjectured that an analogue of this theorem holds within the setting of expansions in non-integer bases. In this talk I will discuss some recent progress towards a proof of this conjecture, and state some bases for which the conjecture is known to hold.

Simon Peter Baker个人简历:

Simon Peter Baker于2014年7月在英国Manchester大学数学系获得理学博士学位, 现在英国University of Reading数学系工作, 他在beta展式的研究中做出了许多很好的研究工作, 是一个极其有潜力的年轻学者。



