

学术报告

Some Number Theoretical Results Concerning Automatic Sequences

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报告时间：2018年6月11日（周一）下午 3:00-4:00

报告地点：天津大学 6 号楼 108 教室

报告摘要：Automatic sequences arise naturally in various contexts. The study of automatic sequences lies at the interface of number theory, combinatorics on words, dynamic system, logic and theoretical computer science. In this talk I will first give several equivalent definitions and classical examples of automatic sequences. Then I will present important theorems in this domain. Finally I will talk about our works related to infinite products, completely multiplicative functions, transcendence in positive characteristics, and coefficient extraction.

欢迎大家参加！