

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Martin Groetschel**

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报告题目:

**Minkowski, convexity and some
remarks on the history of
optimization**

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报告时间: **2013 年 4 月 19 日 (周五)**

下午 15:30-16:30

报告地点: 思源楼一层报告厅

Abstract:

Convexity is one of the most important concepts in optimization. Various properties and aspects of convexity have been used in mathematics over the centuries; but the modern notion of convexity was introduced and studied in detail by Hermann Minkowski only about 100 years ago. From today's point of view it is surprising that his interest originated from number theory. I will review some of Minkowski's work and its transition into optimization, shedding some light on the history of this field. And I will also report briefly about Minkowski's life. His grave, by the way, is very close to my apartment in Berlin.

欢迎大家参加!