

数学与系统科学研究院

计算数学所学术报告

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报告题目:

**On the deformation of discrete  
conformal factor on surface**

邀请人: 李明 博士

报告时间: 2016 年 4 月 18 日 (周一)

下午 15:00-16:00

报告地点: 科技综合楼三层

311 报告厅

## Abstract:

Feng Luo once conjectured that the combinatorial Yamabe flow will converge to the constant curvature PL metric after finite number of surgeries on the triangulation. In this talk, we show that the flow can always be extended (without surgeries) to a solution that converges exponentially fast to the constant curvature PL metric. We also show that the flow can be used to deform any metric to a metric with admissible prescribed curvature.

欢迎大家参加！