

数学与系统科学研究院

计算数学所学术报告

报告人：李世豪 特聘研究员

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报告题目：

**Discrete symplectic ensemble and  
discrete skew orthogonal  
polynomials (I)**

邀请人：常向科 副研究员

报告时间：2021 年 10 月 16 日(周六)

晚上 20:30-21:15

报告地点：科技综合楼

301 教室

## Abstract:

In this talk, I'll present some recent works about discrete symplectic ensemble on linear lattices. By using discrete Pearson relation, an operator is constructed and discrete classical skew orthogonal polynomials are explicitly written down with the help of discrete classical orthogonal polynomials. Moreover, the correlation kernels of these discrete models are shown to be a rank one perturbation of the discrete unitary ensemble.

欢迎大家参加！