

中国科学院数学与系统科学研究院

## 量子论与信息论

### 学术报告

报告题目: Quantum Inequalities and Their  
Extremisers

报告人: 吴劲松 博士

北京雁栖湖应用数学研究院

时 间: 2023年3月27日(星期一) 上午 8:45--9:45

地 点: 腾讯会议 500-236-944

摘 要: In this talk, we shall present a series of inequalities for quantum symmetries such as Hausdorff-Young inequalities, Young's inequalities, uncertainty principles, sumset estimation and entropic inequalities. We also characterize the extremizers for these inequalities.