

数学与系统科学研究院

计算数学所学术报告

报告人: **Dr. Xuemei Chen**

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报告题目:

**Sensing with Redundant Frames**

邀请人: 许志强 研究员

报告时间: **2019年6月5日 (周三)**

**下午 14:30-15:30**

报告地点: **数学院南楼七层**

**702 教室**

## **Abstract:**

**Given a signal sparse in a redundant frame, how to recover it with substantially undersampled linear measurements? The redundant frame component adds complexity to the problem. We will survey current results, list some fundamental problems that need to be solve, and present new results on both deterministic and random measurements. We show that subgaussian measurements achieve the minimum number of measurements and these results complement the compressed sensing literature.**

**欢迎大家参加！**