

数学与系统科学研究院

计算数学所定期学术报告

报告人: Associate Prof. Zhiqiang Xu

(LSEC, Institute of Computational Mathematics and Scientific/Engineering Computing, Academy of Mathematics and Systems Science Chinese, Academy of Sciences)

报告题目:

**The encoding and decoding method
in compressed sensing**

报告时间: 2012 年 5 月 24 日(周四)

下午 16: 00~17: 00

(15: 30~16: 00 茶歇)

报告地点: 科技综合楼三层 311

计算数学所报告厅

Abstract:

Compressed sensing is an active research topic recently. The main goal of compressed sensing is to recover the sparse signal from a few measurements. We will give an introduction about the basic results in compressed sensing and also show many interesting research problems. Moreover, we will show a deterministic method for building a RIP matrix. For the decoding method, we will introduce OMP algorithm and show that OMP is instance-optimality.

欢迎大家参加!