

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 Piecewise Sparse Signal Recovery

邀请人: 许志强 研究员

报告时间: **2018 年 11 月 1 日 (周四)**

上午 10:00-11:00

报告地点: **数学院南楼七层**

702 教室

Abstract:

In some applications, there are signals with piecewise sparse structure to be recovered. Suppose that a vector $x = (x[1], x[2], \dots, x[J])^T$ has J blocks, if each block $x[i]$ is a sparse vector with support set $S[i]$, then we say x is a piecewise sparse vector. Let $s_i = |S[i]|$, $i = 1, 2, \dots, J$, then x is denoted by (s_1, s_2, \dots, s_J) -sparse vector. Denoted by $s = s_1 + s_2 + \dots + s_J$, then x is also a global s -sparse vector. It needs to be pointed out that the piecewise sparse vector is quite different from the block sparse vector, which are well studied. In this talk, we will introduce some new results and algorithms on piecewise sparse signal recovery.

欢迎大家参加！