



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2014_BJMCS_13998
Title of the Manuscript:	Stable recovery of sparse signal in Compressed Sensing via the RIP of order less than s
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	1. From the main result of the paper, as h_i is unknown, $p(r)$ is difficult to compute, RIP condition is related to $p(r)$, this sufficient condition seems not good. So I think the way is not necessarily feasible. Please explain it. 2. Please give a example to explain your result.	1. In this paper, we give the sufficient conditions for recovery of signal $\mathbf{b}_m\{x\}$ under various assumptions for the function $p(r)$ which depends on $\mathbf{b}_m\{x\}$. Though a signal $\mathbf{b}_m\{x\}$ is unknown, a signal $\mathbf{b}_m\{x\}$ has the various features. The idea of this paper introduce that we obtain new results by considering the features of a signal $\mathbf{b}_m\{x\}$ in order to analyze each signal $\mathbf{b}_m\{x\}$. Hence it seems to be useful for various real data analysis. 2. Page808, Example has been changed.
Minor REVISION comments	There are many grammar errors and typos, Please check it carefully.	We have checked our paper as much as possible. If there is a mistake, please point out.
Optional/General comments	The manuscript discussed the condition of sparse signal recovery. The sufficient results are given to ensure stable recovery of sparse signal. The motivation of the study is interesting.	