



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2015_BJMCS_18237
Title of the Manuscript:	A note on guaranteed stable recovery of sparse signal in compressed sensing via the RIP of order s
Type of the Article	Original Research Article

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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	This paper is a minor extension of the author's paper which appears as reference [10] in the paper at hand. Part of the paper at hand, word-by-word, formula-by-formula is taken from the latter reference. Technically, it seems correct, while the value of publishing such a minor extension may be questionable; I am not rejecting it, however. The english HAS to be corrected. It is VERY wrong in several places.	In a previous paper [10], we have discussed sufficient conditions of isometry constant δ_P defined by each unknown vector x. In this paper, we decompose the space of unknown vectors into sets $M_{\{0\}}, M_{\{1\}}, \dots, M_{\{7\}}$ defined by the bias function $P_{\{x\}}$. More precisely, when x is contained in $M_{\{k\}}$ ($1 \leq k \leq n$), the sufficient condition of $\delta_{\{s\}}$ is improved, and so this method is useful. When $x \in M_{\{0\}}$, the sufficient condition of $\delta_{\{s\}}$ is not improved by this method. We think that this method is more usable than a previous one in [10]. I has checked our paper as much as possible. I believe the manuscript has been improved satisfactorily and hope it will be accepted for publication.
Minor REVISION comments		
Optional/General comments		