



## SDI Review Form 1.6

Journal Name:	<a href="#">Asian Research Journal of Mathematics</a>
Manuscript Number:	Ms_ARJOM_47205
Title of the Manuscript:	Linear Maps Preserving Rank-additivity and Rank-sum-minimal on Tensor Products of Matrix Spaces
Type of the Article	Short Research Articles

### 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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

### 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)
<b>Compulsory</b> REVISION comments	<p>The paper needs a language consideration. See the attached pdf file, in which one can find some inconsistency structure.</p> <p>The first part of the introduction (paragraph1 and paragraph2), it should be in a new section namely (Notations and preliminaries). This section as will is section 2.</p>	<p>The language has changed in this paper.</p> <p>The first part of the introduction (paragraph1 and paragraph2), it has been in a new section namely.</p>
<b>Minor</b> REVISION comments	<p>The paper loses the (Conclusions), in which the main results and contributions declared obviously.</p> <p>On reference format, the journal names should be italic, the volume in bold and the publication year between brackets. See the next example:</p> <p>[1] Alexander Guterman, Linear Preservers for Matrix Inequalities and Partial Orderings[J]. <i>Linear Algebra and its Applications</i>, <b>331</b>, (2001), 75-87.</p>	<p><b>Conclusions:</b> This paper correctly demonstrates linear maps preserving rank-additivity and rank-sum-minimal on tensor products of matrix spaces. This result has a certain significance for future research on tensor products of matrix spaces. In fact, starting from preserving problem, more problems can be studied. For example, removing the linear condition and change it to the addition condition and the square matrix is changed into a general matrix.</p> <p>References format have been corrected.</p>
<b>Optional/General</b> comments	Rewrite the proofs consistency, showing the hypothesis, the assumptions and the proof ends.	Some palce haeve writed. The Lemma 2 see reference [3] appendix.

### PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	