

### Review Form 3

Journal Name:	<a href="#">Asian Research Journal of Mathematics</a>
Manuscript Number:	Ms_ARJOM_121188
Title of the Manuscript:	COMPLETION OF WEAKLY SIGN SYMMETRIC PO-MATRIX PROBLEM FOR $5 \times 5$ MATRICES SPECIFYING DIGRAPHS OF ORDER 5 WITH UP TO 5 ARCS.
Type of the Article	Original Research Article

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript discusses a new case of P0-matrix completion using zero-completion method, which is suitable for the objects and conditions the author sets. The results may provide insights into a bigger picture of topics the author follows. Moreover, the results can be applied to the practical fields, such as the prediction of market trends.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Yes. The abstract concisely narrates the topic with objects that the text is supposed to discuss and lists the results in a clear way.	
Are subsections and structure of the manuscript appropriate?	It's appropriate in general. However, certain sections need to be complete, for instance, the reference or the proof of Theorem 2.8. In addition, there exists an obvious typo in the table of determinants 3*3 sub-matrices (in principal minor arrange, Det A(2,3,4))	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	<ol style="list-style-type: none"> <li>1. The topic of this manuscript is interesting ;</li> <li>2. The results of this manuscript are correct;</li> <li>3. The method is not complex, the perspective of problem-solving is clever, and the train of thought is clear</li> </ol>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes.	
<b>Minor</b> REVISION comments	Yes.	
Is the language/English quality of the article suitable for scholarly communications?		
<b>Optional/General</b> comments	In general, this manuscript is suitable for publication.	

#### PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

#### Reviewer Details:

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