

### Review Form 3

Journal Name:	<a href="#">Journal of Advances in Mathematics and Computer Science</a>
Manuscript Number:	Ms_JAMCS_125376
Title of the Manuscript:	THE J K-METHOD OF INTERPOLATIONFOR FINITE FAMILIES OF BANACH SPACES
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:

<https://r1.reviewerhub.org/general-editorial-policy/>

#### **Important Policies Regarding Peer Review**

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	<ul style="list-style-type: none"> <li>The properties of real interpolation through JK method for finite families of Banach spaces are discussed here, and some new results are obtained by using proposed method.</li> <li>The author proved that the JK method described by his/her in the manuscript plays same role as that of the Lions-Peetre method for pairs of Banach spaces.</li> <li>The factorization property and Beazamy property of interpolation is discussed here, which is very interesting property.</li> </ul>	
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	
Are subsections and structure of the manuscript appropriate?	YES	
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.	<ul style="list-style-type: none"> <li>The manuscript is about real interpolation for finite families of Banach spaces. In this manuscript, it is proved that all the operators' ideals have the factorization property.</li> <li>The different concepts like, separable operator, weakly compact, Rosenthal, Radon-Nikodym, decomposing operators between the Banach spaces are discussed here.</li> <li>Some nice results are obtained here, that shows every separable, weakly compact operators factors through separable and reflexive Banach space.</li> </ul>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -	Some latest work in this direction should be added.	
<b>Minor</b> REVISION comments  Is the language/English quality of the article suitable for scholarly communications?	To show the significance of the manuscript, the author should provide some applications of their proposed work.  The language is good for communications.	
<b>Optional/General</b> comments	The manuscript can be considered for publication in " <a href="#">Journal of Advances in Mathematics and Computer Science</a> " after minor revision.	

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)	

### Review Form 3

Reviewer Details:

Name:	<b>Kiran Dewangan</b>
Department, University & Country	<b>Government Dudhadhari Bajrang Girls' P.G. College, India</b>