

**Review Form 1.6**

Journal Name:	<a href="#">Journal of Advances in Mathematics and Computer Science</a>
Manuscript Number:	Ms_JAMCS_86273
Title of the Manuscript:	Characterization of Compact Operators
Type of the 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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljamcs.com/index.php/JAMCS/editorial-policy> )

**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><u>Compulsory</u></b> REVISION comments	<ol style="list-style-type: none"><li>1. The work does not have a <b>Conclusion</b> section. This must be included.</li><li>2. With the exception of the first listed reference, all other references are textbooks. The work should include at least current references (not textbooks) in the literature on the subject matter</li><li>3. The title should be change "<b>Characterization of Compact Operators in Pre-Hilbert and Hilbert Spaces</b>" for more directed searches. Please provide MSC and include Hilbert spaces in the <b>Keywords</b>.</li></ol>	<ol style="list-style-type: none"><li>1. We have added a conclusion section to the work.</li><li>2. We have added more current references other than textbooks in the literature of the paper.</li><li>3. We have changed the title to "<b>Characterization of Compact Operators in Pre-Hilbert and Hilbert Spaces</b>"</li><li>4. "Hilbert spaces" has been added to the list of key words.</li></ol>
<b><u>Minor</u></b> REVISION comments	<ol style="list-style-type: none"><li>1. Check the document for typographical errors</li><li>2. State what <math>\mathbb{K}</math> in the statement after equation (1) stands for as it is not clearly stated.</li><li>3. Please number all major equations especially those highlighted results</li><li>4. The name "<b>D.Hilbert</b>" should be correctly written as "<b>D. Hilbert</b>" with space after the dot.</li></ol>	<ol style="list-style-type: none"><li>1. We have checked typographical errors throughout the documented and corrected them.</li><li>2. <math>\mathbb{K}</math> in the statement after equation (1) stands for a set of complex numbers and has been stated in the document.</li><li>3. All major equations have been numbered accordingly.</li><li>4. The name "<b>D.Hilbert</b>" has been correctly written as "<b>D. Hilbert</b>" with space after the dot.</li></ol>
<b><u>Optional/General</u></b> comments	The author(s) presented a good but very elementary exposition on compact linear operators in pre-Hilbert and Hilbert spaces with nice results which I feel are adequate for the level of treatment.	

**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)	There are no ethical issues in this manuscript.