

Review Form 1.7

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_118609
Title of the Manuscript:	On Unitary Quasi-Equivalence and w-Hyponormal Operators In Hilbert Spaces
Type of the Article	

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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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>I have plenty of comments to make about this paper.</p> <p>I. About References:</p> <p>Almost all the references quoted in this paper are wrong. Undue credits are given to the authors mentioned in the references.</p> <p>(i). In the first line of Section 1(Introduction)the reference of 'Hilbert spaces' is given as [1]., which was a paper published in the year 2018. But the terminology of Hilbert spaces was introduced by David Hilbert in the first decade of twentieth century. In fact 'Hilbert spaces' is a well known concept and it is available in any standard text book of Functional Analysis.</p> <p>(ii). All the references mentioned in Section 2 () Definitions) are wrong. The author(s) should give a correct reference after going through the literature. That is, the references [1], [1], [12], [10], [11], [5], [13] should be changed to the correct references. Again the author(s) should go through the literature to correct the mistakes.</p> <p>II. Mistakes/ Typos:</p> <p>(i). In the first line of Introduction Section, A set of bounded..... by <i>The</i> set of bounded</p> <p>(ii). In third line of Introduction Section , the line Preserve the underlying structural properties of <i>a map</i> should be changed as Preserve the underlying structural properties of <i>the space</i> .</p> <p>(iii). In Definition 2.4, $\log(F^*F) \geq \log(F^*FF^*)$ should be replaced as $\log(F^*F) \geq \log(F^*F)$.</p> <p>(iv). In Section 4(Main Result) the 11th line Premultiplying and post multiplying both sides of equation (iv) is technically wrong. The author(s) should go through the proof again and correct it.</p> <p>(v). In the proof of Theorem 4.2, the line $(F^*F)^p \geq (FF^*)^p$ for positive integer p should be changed as $(F^*F)^p \geq (FF^*)^p$.</p> <p>III. Recommendations:</p> <p>The author(s) in this paper proved that if any two operators are unitary quasi equivalent and if one of the operators is w-hyponormal, log-hyponormal or p-hyponormal, the so is the other. The results are new. I suggest the author(s) to correct all the mistakes mentioned in I and II above. If the</p>	

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	author(s) correct all the mistakes pointed out above then the paper may be accepted for publication in JAMCS .	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?		
Optional/General comments		

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	V. Selvan
Department, University & Country	Ramakrishna Mission Vivekananda College, India