

### Review Form 3

Journal Name:	<b>Journal of Engineering Research and Reports</b>
Manuscript Number:	<b>Ms_JERR_121097</b>
Title of the Manuscript:	<b>Research on the application status of 3D point cloud</b>
Type of the 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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**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>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.</p>	<p>The manuscript needs a major correction</p> <ol style="list-style-type: none"> <li>1. The abstract and the content of the manuscript are irrelevant.</li> <li>2. It is stated in abstract that "This paper aims to discuss the application and development trend of 3D point cloud technology in different fields" but in content 3d image processing is described then point cloud data preprocessing is explained no other applications were analyzed.</li> <li>3. It is stated in abstract that " , the latest advances in key technologies such as point cloud data preprocessing, feature extraction, model matching and visualization are analyzed" but only point cloud data preprocessing is explained. Feature extraction, model matching are not analysed in detail.</li> </ol>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p><b>No</b> Based on the revision of the manuscript the title can be assigned.</p>	
<p>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.</p>	<p>The abstract is comprehensive. There is some irrelevancy in the abstract and the content of the manuscript.</p> <ol style="list-style-type: none"> <li>1. Either the abstract should be rewritten as per the content of the manuscript or the content of the manuscript may need some corrections.</li> </ol>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>No. subsections and structure of the manuscript is not appropriate</p> <ol style="list-style-type: none"> <li>1. In "2.Development of 3D image processing" in 2 places the author mentioned algorithm level and application level for 3d image processing technology in china and foreign countries so it can be structured in an appropriate way.</li> </ol> <p>In the same section, challenges and problems is mentioned it can also be given a subsection if needed.</p>	
<p>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.</p>	<ol style="list-style-type: none"> <li>1. The manuscript needs a major correction because abstract and the content of the manuscript are irrelevant.</li> <li>2. In introduction the author stated that "This paper aims to process 3D point cloud data through PCL (point cloud library) technology, and design a spatial curve fitting algorithm for more accurate model reconstruction and feature extraction" but the techniques of point cloud pre-processing is described in detail and no design is reconstructed</li> <li>3. The manuscript is based on point cloud technology which is used in different fields like CAD, building modelling robotics and many other applications. Thus the topic is robust and technically sounds good</li> <li>4. The manuscript's abstract , subsections and conclusion states different content so it feels like it need correction</li> </ol>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p><b>Yes</b></p>	

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Minor REVISION comments		
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	Yes.	
<b>Optional/General</b> comments	Can improve the quality of English and writing. In many places there are incomplete sentences	

**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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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