

**Review Form 3**

Journal Name:	<b>Journal of Engineering Research and Reports</b>
Manuscript Number:	<b>Ms_JERR_121487</b>
Title of the Manuscript:	<b>Hydraulic synchronization control research status and outlook</b>
Type of the Article	<b>Article</b>

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	<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)
<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 work presents aspects of the hydrostatic actuation systems and the possibilities of synchronizing the circuit components for the fulfilment of different work tasks                      The hydraulic synchronization control system in the industrial field of application is gradually widespread, synchronization control research is also more and more attention and based on this background, this paper combines the current research status of hydraulic synchronization control system, from three aspects of the hydraulic synchronization system discussed as:                      1) hydraulic synchronous drive system                      2) electro-hydraulic servo synchronization control strategy                      3) electro-hydraulic servo synchronous controller</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p><u>Yes</u></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><u>Yes</u></p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p><u>Yes</u></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>	<p>The paper analyses different synchronous drive methods and concludes that although the electro-hydraulic servo synchronous drive has high control accuracy, its construction cost is also far more than the open-loop control, so it should be based on the requirements of the control essence in the construction to choose the appropriate drive method;                      Also, the control strategies and electro-hydraulic servo controllers for electro-hydraulic servo synchronous control are analysed, which mainly include three kinds of master-slave control, equivalent control and cross-coupling control and the three different control strategies and different controllers combined with each other are capable to meet most of the synchronization control requirements.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p><u>Yes</u></p>	
<p><b>Minor</b> REVISION comments  Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p><b>Optional/General</b> comments</p>	<p>The spaces on entire paper should be reviewed (between figure and text, between subtitle and above text, etc.) because the aspect of the paper should be optimised.</p>	

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**PART 2:**

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

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