



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Research Journal of Mathematics</a>
Manuscript Number:	Ms_ARJOM_47394
Title of the Manuscript:	Adaptive Control of A Four-Dimensional Hyperchaotic System
Type of the Article	Original Research 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**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>Compulsory</b> REVISION comments		
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments	<p>In this manuscript, the author proposes an application of adaptive control method in a four-dimensional hyperchaotic system. Dimensionless 4D system is introduced and its dynamic analysis is applied. Also, dissipation and equilibrium point of the system is analyzed. Moreover, Lyapunov stability is investigated. All the applications are shown by figures and tables in Numerical Simulation Section. Manuscript is concluded by a brief summary.</p> <p>Consequently, manuscript is well written and idea and supportings have been presented clearly. However, below I give Minor remarks that are just a few ideas to improve the manuscript.</p> <p>I have the following remarks:</p> <ol style="list-style-type: none"> <li>1. In terms of language, the paper is generally well-written and the technical details are explained clearly except for some grammatical, stylistic errors and wrong written words.</li> <li>2. Some structural mistakes should be corrected.</li> </ol> <p>Based on these remarks, I recommend the paper for publication.</p>	<p>The authors thank the reviewer's valuable comments and suggestions. We agree with the reviewer. All the corrections of the revised manuscript are highlighted in yellow colour.</p> <p>Some grammatical, stylistic errors and wrong written words have been modified in the revised manuscript. Meanwhile, some structural mistakes have also been corrected in the revised manuscript.</p> <p>Major modification are highlighted in yellow following your indication . We also upload a publication-ready Latex source file of the revised submission.</p> <p>List of Major Changes:</p> <ol style="list-style-type: none"> <li>1. The introduction has been improved with articles dealing with the application of adaptive control in 2D, 3D, and 4D system.</li> <li>2. The revised manuscript has contained articles adopt adaptive control in the past three years.</li> </ol>



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		<p>3. The novelty of this study has been clarify.</p> <p>4. The revised manuscript has presented the overall control block-diagram and control input history.</p> <p>5. The difference between 3D problem and 4D problem has been explained.</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>	<u><i>(If yes, Kindly please write down the ethical issues here in details)</i></u>	There are no ethical issues in this manuscript.