



SDI Review Form 1.6

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_54403
Title of the Manuscript:	STABILITY AND CONTROLLABILITY OF NONLINEAR SYSTEMS
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)
Compulsory REVISION comments	This paper establishes stability and controllability results for nonlinear systems using the Lyapunov indirect method and applying the Jacobi's linearization method. An example is given with a real-life application to illustrate the effectiveness of the theoretical results. The language of this paper is smooth, the derivation process is correct. But the theoretical innovation is not enough and it is simple application of linear system theory.	
Minor REVISION comments	There are some mistakes need to be revised. For example, 1) In formula (2.1), The expression $f \in R^n \times R^m$ is wrong, it should be $f : R^n \times R^m \rightarrow R^n$ 2) How to obtain the matrix B in formula (2.2) ?	
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>	

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