

Review Form 1.7

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_95197
Title of the Manuscript:	Global smooth solutions of the modied Landau-Lifshitz-Bloch equation
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:

(<https://www.journaljamcs.com/index.php/JAMCS/editorial-policy>)

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> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. This manuscript discusses the Landau-Lifshitz-Bloch equation, which is an important dynamic model for studying the magnetization of ferromagnets above the Curie temperature. The scientific novelty of this study is the representation of the global existence and the uniqueness of the smooth solution of the modified Landau-Lifshitz-Bloch equation.</p> <p>2. The title of the article correctly reflects the topic of the study.</p> <p>3. In my opinion, the abstract of the article could be more extended and informative.</p> <p>4. The structure of the manuscript is somewhat unfinished. Unfortunately, the article does not highlight the items "Problem" and "Conclusions".</p> <p>5. Despite structural inaccuracies, the manuscript is scientifically correct.</p> <p>6. The manuscript contains relevant references. However, there are few references to works that have been published in the last 5 years. Perhaps this work is a unique study that has no earlier analogues.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>This interesting manuscript is written in a strict and understandable mathematical language.</p>	
<p>Optional/General comments</p>	<p>This study is of great importance for specialists in area mathematics studying the problem of the cauchy problem and the equation Landau-Lifshitz-Bloch (LLB). In my opinion the manuscript "Global smooth solutions of the modied Landau-Lifshitz-Bloch equation" can be published in the Journal of Advances in Mathematics and Computer Science.</p>	

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PART 2:

	Reviewer's comment	Author's comment <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>
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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