

Review Form 1.6

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_84424
Title of the Manuscript:	The differential equations of gravity-free double pendulum: Lauricella hypergeometric solutions and their inversion.
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.journalarjom.com/index.php/ARJOM/editorial-policy>)

PART 1: Review Comments

	Reviewer’s commen	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		
Minor REVISION comments	<div>1. The introductory section is short, it should be extended to cover:<ul style="list-style-type: none">The cons/pros of the methodMain motivation of the workUpdated review literature</div> <div>2. List of symbols and notations is needed to help the journal readers.</div> <div>3. The analyticity conditions on all functions in the DE under investigation should be mentioned.</div> <div>4. Cite the following chapter, to help the reader to go with ease in the work: Koepf W. (2014) Hypergeometric Identities. In: Hypergeometric Summation. Universitext. Springer, London. https://doi.org/10.1007/978-1-4471-6464-7_2</div> <div>5. Please refer to https://doi.org/10.48550/arXiv.2104.13211</div>	Comment accepted and considered
Optional/General comments	<div>The article is good, well-written, it deserves publication in Asian Research Journal of Mathematics after addressing all the above-mentioned comments.</div>	Comment accepted and considered

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?	<div>(If yes, Kindly please write down the ethical issues here in details)</div>	