

Review Form 3

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_130999
Title of the Manuscript:	The Minimum Reduced Sombor Index of Unicyclic Graphs in terms of the Girth
Type of the Article	Original Research Article

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.		
Is the title of the article suitable? (If not please suggest an alternative title)	Yes.	
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.	Yes.	
Is the manuscript scientifically, correct? Please write here.	Yes.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References are not sufficient and not recent. Please add more references such as: Nagarajan, S., & Vijaya, A. (2024). Maximum Modified Sombor Index of Unicyclic Graphs with Given Girth. Iranian Journal of Mathematical Chemistry, 15(2), 117-122. Nithyaa, P., Elumalaia, S., Balachandranb, S., & Masrec, M. Ordering Unicyclic Graphs with a Fixed Girth by Sombor Indices (2024). A brief literature review on other indexes should also be included. These sources can be cited as examples:	

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	Kirgiz, H., & Maden, A. D. (2024). Further results for some eccentric based indices. Combinatorial Chemistry & High Throughput Screening, 27(5), 661-665. Kirgiz, H., & Maden, A. D. (2022). New bounds for some topological indices. International Journal of Foundations of Computer Science, 33(06n07), 953-965.	
Is the language/English quality of the article suitable for scholarly communications?	The text needs to be improved grammatically. There are some spelling mistakes.	
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?	(If yes, Kindly please write down the ethical issues here in details)	

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