

ReviewForm3

JournalName:	JournalofAdvancesinMathematicsandComputerScience
ManuscriptNumber:	Ms_JAMCS_130881
TitleoftheManuscript:	OptiFlexSort:AnAdvancedHybridSortingAlgorithmforEfficientLarge-ScaleDataProcessing
TypeoftheArticle	

PART1:Comments

	Reviewer’scomment	Author’sFeedback(Pleasecorrectthemanuscriptandhighlightthatpart inthemanuscript.Itismandatorythatauthorsshouldwritehis/herfeedback here)
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.	The proposed algorithm is based on an optimized pivot selection strategy combined with adaptive partitioning to improve performance on large datasets. This algorithm is well suited to large data sets, where it offers a good compromise between efficiency and flexibility	Thank you for your insightful comment
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the article is appropriate but poorly formulated	Thank you for your feedback. I appreciate your insight and would refine the title for better clarity and impact. Refined to “OptiFlexSort: A Hybrid Sorting Algorithm for Efficient Large-Scale Data Processing”
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.	1- please delete all the we' s in your text. they' re everywhere, starting with your abstract.	Thank you for your review. The necessary corrections have been applied as requested.
Is the manuscript scientifically correct? Please write here.	reasonable	Thank you for your insightful comment
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	the references are not sufficient and most of them are old. there are very recent works like this one for example: https://doi.org/10.4236/jcc.2024.121009	Thank you for your feedback. I will update the references to include more recent works and ensure that the citations reflect the latest developments in the field.

ReviewForm3

Isthelanguage/Englishqualityofthearticlesuitable for scholarly communications?	Moyen	
Optional/Generalcomments	<div>1- Can the systematic choice of the last element as a pivot be effective for data sets that are already sorted or quasi-sorted? If not, how do you intend to remedy the situation?</div> <div>2- The first 129 words of your introduction peremptorily assert the limits of Quicksort algorithms and pose a problem with no foundation or scientific basis. a problemis identifiedafterasituationalanalysis referencedbypublished scientific works in the field, in other words, a problem is posed after a good little review of the literature.</div> <div>3- Fromthemomentyou say:“thisresearchproposes”,you mustsaywhatyou do andnotquoteworks.</div> <div>4- Theendofthelastparagraphofyourpaperdoesn'tpresenttherestofthework.</div> <div>5- Ingeneral,yourintroductionneedstobecompletelyredone.</div> <div>6- Anintroductionthatonlycites3articlesdoesn'tseem serious.</div> <div>7- your model shown in the figure is not comprehensible. it must be presented with all the components introduced (A, R...).</div> <div>8- inyouranalysisyoutalkaboutcomparison.whatarethecomparisoncriteriaused (RMSE? precision? speed?...)?</div> <div>9- youhavenotablepresentingthecomparisonwithseveralotheralgorithms.it would be better to present this in a table.</div> <div>10- Whatdoesthedevlopmentofequation9referto?</div> <div>11- yourwayofquotingarticlesdoesnotmatchyour references</div> <div>12- didyoureadthisarticle(Sametal.(2019)beforequotingitinpart2.3?</div>	<div>All comments have been incorporated.</div> <div>Thank you</div>

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)	