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| Journal Name: | | [**Journal of Advances in Mathematics and Computer Science**](https://journaljamcs.com/index.php/JAMCS) | | | | |
| Manuscript Number: | | **Ms\_JAMCS\_136975** | | | | |
| Title of the Manuscript: | | **The Numerical Solution for a Maxwell Integral Equation: MRI Brain Scan** | | | | |
| Type of the Article | |  | | | | |
| **PART 1: Comments** | | | | | |
|  | | | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | | **Author’s Feedback** (It is mandatory that authors should write his/her feedback 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 manuscript introduces an important aspect of the medical imaging technology and a concept in medical physics known as MRI which is crucial in clinical decision making. | |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | | | Yes, the title of the manuscript is indeed suitable for the field of mathematical biology, medical phsics, biomedical science etc. | |  |
| **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, the abstract is comprehensive and simple for readers. I suggest that, the abstract should be written to capture the results of the manuscript. | |  |
| **Is the manuscript scientifically, correct? Please write here.** | | | Yes, the manuscript is scientifically correct and proven since it introduces a novel method in MRI. | |  |
| **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, authors may add few current references. | |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | | | Yes, the language of the manuscript is suitable for scholarly communicatons. | |  |
| **Optional/General** comments | | | The manuscript is suitable for publication because of its scientific implications and the clear presentation of numerical results.   1. Introduction: Introduce the research background into details, Why do you reference your objective of the study 2. Explian the variables or the parameters in your Definition 1.1 3. From 1.2, state the original equation before substituting “Letting 𝑀=−4𝜋𝑘𝑒𝑘|𝑎−𝑡|+4𝜋𝑒𝑘|𝑎−𝑡||𝑎−𝑡|, ” 4. You may detailed the discussion about your model results. (SEE: 4. Discussion) 5. You may support your work few current references. | | 1. We have done to our satisfaction 2. Line 34 3. Line 77-78 4. We have done to our satisfaction. 5. We have done to our satisfaction. |
| **PART 2:** | | | | | | | |
|  | | **Reviewer’s comment** | | | **Author’s Feedback** (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)* | | |  | | |