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| Journal Name: | [**Journal of Advances in Mathematics and Computer Science**](https://journaljamcs.com/index.php/JAMCS) |
| Manuscript Number: | **Ms\_JAMCS\_132586** |
| Title of the Manuscript: | **MATRIX-BASED APPROACH TO COMBINATORIAL IDENTITIES** |
| Type of the Article |  |

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| **PART 1: Comments** | | | | | |
|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | | **Author’s Feedback** *(Please correct the manuscript and highlight that part in the manuscript. 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.** |  | | First, we would like to thank the referee for his/her valuable comments which helped to improve the paper. | | |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** |  | |  | | |
| **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.** |  | |  | | |
| **Is the manuscript scientifically, correct? Please write here.** |  | |  | | |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** |  | |  | | |
| **Is the language/English quality of the article suitable for scholarly communications?** |  | |  | | |
| **Optional/General** comments | I read the article, it was well-structured with a suitable method. Most of the problems and examples that were solved were very common and typical. It would be more appropriate if more important applications were presented and more important problems were solved.  If the examples and applications were stronger, there would be no problem in accepting the article. | | In the paper, well-known combinatorial identities have been proven from a new perspective. Working on known problems through matrices and obtaining results is more convenient. This has been highlighted in the revised paper. Applications beyond these can also be proven using similar methods. By working on more significant problems, new results can be obtained by different authors in the future. | | |
| **PART 2:** | | | | |
|  | | **Reviewer’s comment** | | **Author’s comment** *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |

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| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |