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| Book Name: | [**New Horizons of Science, Technology and Culture**](https://bookstore.bookpi.org/product/new-horizons-of-science-technology-and-culture-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5906** |
| Title of the Manuscript:  | **ChatGPT and the learning of the integral factor of the differential equation (y3 + x)dx + xy2dy = 0 in engineering students at the University of Antofagasta-Chile** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Journal of Physics: Conference Series 3027 (2025) 012038.**

**Doi:10.1088/1742-6596/3027/1/012038**

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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.** | **The manuscript is important since it will provide relevant information as to the efficiency of integration using ChatGPT. It will identify key areas of concern that need to be addressed in order to improve learning in integral calculus. If done appropriately, this research will help teachers and students in enhancing teaching and learning in intgeral calculus.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **No. Please improve your title in accordance to the methology.** |  |
| 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. But the paper is a qualitative research and not a book chapter. Unless it gives a specific algorithm in integration while using ChatGPT.** |  |
| **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.****-** | **No.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes.** |  |
| Optional/General comments | **Improve the presentation of the paper according to the problem statements.** |  |

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| **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)* |
| **Are there ethical issues in this manuscript?**  |  |  |

**Reviewer details:**

**Normina A. Batucan, Philippines**