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| Book Name: | [Current Research Progress in Physical Science](https://www.bookpi.org/bookstore/product/current-research-progress-in-physical-science-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4587** |
| Title of the Manuscript: | **THE ERROR IN DETERMINING THE CONCENTRATION OF PLASMA ELECTRONS WHEN USING CONDUCTIVITY SENSORS** |
| Type of the Article | **BOOK CHAPTER** |

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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 significance of the work is diverted by the introduction of the application scenarios. The significance of the work summarized is a development of plasma measurement method that the authors aassert to have less bias without justification, especially concerning the model’s relevance to constructive and dectructive interference with the plasma centers.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The bias-to-error factors in plasma with relation to the utilization of conductivity sensors** |  |
| 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. | **Please restructure the abstract according to the purpose and significance of the work with some details in methods, results, and conclusions.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **There is no enough detail with the current presentation in the manuscript to decide and judge.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Not sufficient enough for the depth on the choice of the topic.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | A little poor. |  |
| Optional/General comments |  |  |

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| **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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| **Reviewer Details:** | |
| Name: | **Yang I. Pachankis** |
| Department, University & Country | **Hong Kong** |