|  |
| --- |
|  |
| Book Name: | [**Physical Science: New Insights and Developments**](https://bookstore.bookpi.org/product/physical-science-new-insights-and-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5141** |
| Title of the Manuscript:  | **Open-Aperture Z-Scan Analysis of RGO-Incorporated Al-Doped ZnO Composite Thin Film** |
| 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.**

**AIP Conference Proceedings 1942, 080007 (2018).**

**Available:** [**https://doi.org/10.1063/1.5028841**](https://doi.org/10.1063/1.5028841)

|  |
| --- |
| 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 study, explore the nonlinear absorption behavior of rGO/ZnO:Al composite thin films synthesized via the spin coating technique. The structural and optical characteristics of the film were systematically analyzed, and the underlying mechanism responsible for its nonlinear optical response was investigated. There are studies on the impact of rGO incorporation on the nonlinear optical properties of ZnO:Al composite thin films prepared using the spin coating method. This research has valuable insights into their potential applications in nonlinear optics. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes** |  |
| 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 it is comprehensive**  |  |
| **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.** | **Yes** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments |  |  |

|  |
| --- |
| **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?**  | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewers:**

**Wafaa Bakr Abd Elsalam Elsharkawy, Prince Sattam Bin Abdoulaziz University , Saudi Arabia**