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| Book Name: | [Chemical and Materials Sciences: Developments and Innovations](https://www.bookpi.org/bookstore/product/chemical-and-materials-sciences-developments-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4061** |
| Title of the Manuscript: | **Conductivity and Bandgap Engineering in PVA-TiO2 Nanocomposites for Optoelectronic Device Applications** |
| Type of the Article | **Book chapter** |

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| PART 1: Comments | | |
|  | Reviewer’s comment | 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.** | **1-The abstract must be rewritten to include the main points and highlights.**  **2-Resolutions of the figures need to increase. 3- In optical properties I think more discussion is recommended where needed along with strengthening the literature review with more suitable articles .** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The autor must indicate (thermal or electrical conductivity ) in the title**  **Conductivity and Bandgap Engineering in PVA-TiO2 Nanocomposites for Optoelectronic Device Applications** |  |
| **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.** | * **The abbreviation (NC ) is meaningless, so it can be deleted.** * **The abstract can be condensed and writing at the end of the abstract the author can add the applications of the work.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | * **The pages of the manuscript are numbered** * **The conclusion should be revised and condensed, and the author should add the manuscript results to the conclusion, and it be more effective.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | * **The author should review the manuscript's references and should be in the journal's style.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | * **The author can review the manuscript's language again because there are many grammatical mistakes.** |  |
| 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:** | **Ahmed M. Nawar** |
| **Department, University & Country** | **Suez Canal University, Egypt** |