

**BPI Review Form 070520**

Book Name:	<a href="#">Chemical and Materials Sciences - Developments and Innovations</a>
Manuscript Number:	<b>Ms_BPR_1269</b>
Title of the Manuscript:	<b>A comprehensive model for the optical transmission for determining the optimal thickness and figure of merit of Al-doped ZnO films as transparent conducting coatings</b>
Type of the Article	<b>Book chapter</b>

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**PART 1: Review Comments**

	Reviewer's comment	Author's comment (If agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. Authors must write his/her feedback here)
Is the manuscript important for the scientific community? Please write a few sentences explaining your answer	The work is interesting, but it is important to specify the intended applications of this study.	
Is the title of the article suitable? Do you have any alternative Title in your mind?	Yes the title is suitable for this work	
Is the abstract of the article comprehensive? If your answer is No, please provide suggestions	The abstract is very clear; however, it is essential to include the analysis techniques used in this work.	
Do you think the English quality of the article is suitable for scholarly communications? If your answer is No, please provide suggestions	Yes the English quality of the article is suitable for scholarly communications?	
Please provide your comments regarding the appropriateness of different sections of the manuscript.	1- Abstract <ul style="list-style-type: none"> <li>- Sentence "is worked out" change to "is developed"</li> <li>- Add analysis techniques used in this work.</li> <li>- Correct sentence "we discuss ...."</li> </ul> 2- Introduction <ul style="list-style-type: none"> <li>- Correct references [1], [2] ..... to [1-10]</li> <li>- How its found this value <math>T_B = 0,37</math></li> <li>- Correct references [1], [5], [8] ....</li> <li>- Give reference of Drude-Lorentz Model</li> </ul> 3- Model for the spectral optial transmittance <ul style="list-style-type: none"> <li>- Figure 1 is shown scanned and not clear</li> <li>- Equation (15) needs correction</li> <li>- References [25, 26] and [6, 27] correct it</li> </ul> 4- Results and discussion <ul style="list-style-type: none"> <li>- Refrences [19], [20] correct it</li> <li>- Figure 2 of AFM not clear</li> </ul>	
Do you think that the references in the manuscript are proper, recent and sufficient? If you have any suggestions, please write here.	The most of references are older and need organisation	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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