

Review Form 1.7

Journal Name:	Asian Journal of Physical and Chemical Sciences
Manuscript Number:	Ms_AJOPACS_100998
Title of the Manuscript:	Influence of the mirror reflectance coefficient on the performance of the compound parabolic trough concentrator (CPC) : Numerical and experimental simulation in a Sahelian environment
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajopacs.com/index.php/AJOPACS/editorial-policy>)

PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. The manuscript is about investigating the reflectance coefficient related to the performance of the compound parabolic trough concentrator. It is important for scientific community.</p> <p>2. The title is already suitable.</p> <p>3. The abstract contains background, aim, methods, results and discussion, and conclusions.</p> <p>4. Subsections and structure of the manuscript are appropriate. Still, there are some corrections. The last sentences in INTRODUCTION section belong to either RESULTS or CONCLUSION sections.</p> <p>5. The manuscript is scientifically correct.</p> <p>6. Some recent references related to this topic are necessary to be added.</p> <p>The graphic in Figures 2, 3, 6 have low resolutions. Using higher-quality graphics and larger fonts makes it easier for readers. Please ensure that all graphics/images are legible and clear.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language/English quality is suitable for scholarly communications. However, In Figure 3, some words are not in English, so please correct and write them in English.</p>	
<p>Optional/General comments</p>	<p>The manuscript is worth to be published with some corrections</p>	

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)
<p>Are there ethical issues in this manuscript?</p>	<p>(If yes, Kindly please write down the ethical issues here in details)</p>	

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