



SDI Review Form 1.6

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_52781
Title of the Manuscript:	DETERMINATION OF THE ENERGY BAND GAP OF SILICON USING QUANTUM SIMULATION FOR PHOTOVOLTAIC ENERGY APPLICATIONS
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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)
Compulsory REVISION comments	<ol style="list-style-type: none"> 1. Chaotic manuscript. The abstract does not refer to the abstract of the work but shows the software used and dry results. 2. Knowing and determining the energy gap for silicon is absolutely nothing new and its calculation is nothing new that brings anything new to the state of knowledge. 3. Figures 1, 2, 3 are not drawings, but diagrams that are not more precisely defined, from which nothing can be read. 4. Figures 5, 6 and 7 are illegible and look like a screenshot and are not acceptable in a scientific publication in this form. 5. Anyway, Figure 7 has an illegible X axis with a description of the wave vector zones. 6. The conclusions are laconic and do not bring anything to work. 7. Literature references are written in an unknown convention, often without a year of publication, and in an unacceptable form. <p>In conclusion, I ask you to reject the entire work submitted for review.</p>	
Minor REVISION comments		
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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	<i>Mirosław Szybowicz</i>
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