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SDI Review Form 1.6

Journal Name:	**Physical Science International Journal**
Manuscript Number:	**Ms_PSIJ_42864**
Title of the Manuscript:	**Electric Parameters Degradation of Monocrystalline Silicon Photovoltaic Cells/modules: Temperature and Heat Effects**
Type of the Article	**Original Research 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	**The paper is too long, and too hard to read.** **The title does not match with the content of the paper. The degradation means something irreversible. The parameters can increase or decrease with the temperature, not degradation.** **The authors have made a good review about the factors which lead to degradation of the PV.** **The paper has two parts which are not connected.** **The degradation of the PV only in function of the temperature is very small, because they work in majority of cases under at 65 ^{o}C.** **The paper has to be made more understandable and better structured.** **Line 42 What does burnt cell mean?** **Line 51- FF is calculated in function of Pmax. Please reformulate the sentence.** **Lines 102-104 Please give the reference.** **Line 146 – Please correct.** **Line 544 – Please correct.** **Line 575 – What does optimal current-density mean? I didn't find this term in ref. [35]** **Line 878 – The authors made the simulation at 1000 W/m^2, and in conclusions results appeared for 80 and 1000 W/m^2.** **Line 962 – The ambient temperature axis must be the same in all fig.10-16** **Line 1033 – Please correct w with W** **Why is the range of the temperature in the label of all figures 10-16, 295-320 K, and in the abstract it is of up to 353 and in some fig of up to 353 and in others of up to 347 K?**	
Minor REVISION comments		
Optional/General comments		

Reviewer Details:

Name:	***Cotfas Daniel***
Department, University & Country	***DEC, Transilvania University of Brasov, Romania***