



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_22652
Title of the Manuscript:	DEVELOPING A FAST AFFORDABLE AUTOMATIC COUNTING SYSTEM OF CR-39 SOLID STATE NUCLEAR TRACK DETECTORS
Type of the Article	Original research papers

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>)



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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		
Minor REVISION comments	<p>1- In the abstract line number three replaced words Gamma by gamma ray – Beta by beta- Electromagnetic by electromagnetic. And also in line 10 replace word of Microscope by microscope.</p> <p>2- In keywords: replace Radon -226 by Radium-226</p> <p>3- In figure 3 you mentioned two type of tracks but there are three type of tracks</p> <p>4- In materials and method, the author make comparison between manual and automatic counting, he must count tracks in the case at normal incidence at $\theta = 90^\circ$.</p> <p>5- Figure 7 and Figure 8: not clear , so that it must be improved .</p>	<p>1. Done</p> <p>2. Done</p> <p>3. There is nothing mentioned about the types of tracks at all in this figure?? It talks about using the binary value threshold to Denoising the image!! If He meant Figure 1, It also talks about two types of tracks and the figure also showed them!!!</p> <p>4. Authors mentioned that in manual and automatic counting that they will count the circle and elliptical tracks, which is mean the tracks can incident in 90° to give the circle shape and less than 90° to give the elliptical shape. They already added some changes in the manuscript regarding this. But it was clear in the methods and the results.</p> <p>5. Done.</p>
Optional/General comments	The system gives a new method to automatic counting of tracks by using the MatLab program and the digital microscope.	