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### **SDI Review Form 1.6**

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_37306
Title of the Manuscript:	A New Method Calculating The Sublevels Of Multi-Quantum Well Structures
Type of the Article	

### **General guideline for Peer Review process:**

This journal's peer review policy states that <u>NO</u> manuscript should be rejected only on the basis of '<u>lack of Novelty'</u>, 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:

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# **PART 1:** Review Comments

	Reviewer's comment	<b>Author's comment</b> (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)
<u>Compulsory</u> REVISION comments		
Minor REVISION comments	The Keywords should be Kronig-Penney model, Electron interference model, multi- quantum well structure In Paragraph 2, line 23 change MOCVD technique by Metalorganic Chemical Vapor Deposition (MOCVD) technique	
	In Paragraph 3 line 50 n =	
	$\pm 1, \pm 2, \pm 3,$ here Lw is well width $\rightarrow n = \pm 1, \pm 2, \pm 3,$ Here Lw is well width	
	line 68 Where is planck constant divided by → where is Planck constant divided by	
	line 100 is planck constant, C the → is Planck constant, c the	
	line 104 $(n=1,2,)$ above $\rightarrow$ $(n=1,2,)$ above	
	line 124 According to Kronig-Penney model → According to Kronig-Penney (KP) model	
	line 128 where is planck constant divided by Substituting $\rightarrow$ Substituting	
	line 148 MOW structure → MQW structure	
	line 178 E6 =0.352eV.Due → E6 = 0.352 eV. Due	
	line 190 $(n=1,2,3)$ above $\rightarrow$ $(n=1,2,3)$ above	
	line 195 MOW structure → MQW structure	
	In table 2 EF 154.5 1 → EF 154.5 (E 1) 142) → (E1) (142)	
	line 202 at 1312cm-1 ?	
	line 217 and 221 Kronig-Penney model → KP model Kronig-Penney model → KP model	

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	Reference 7 is not ok	
Optional/General comments	On reference 9 jian Zhang, jun-ming Zhou → Jian Zhang, Jun-Ming Zhou ?	
	The whole text should be revised to improve it	

# **Reviewer Details:**

Name:	Francisco Frutos-Alfaro
Department, University & Country	School of Physics, University of Costa Rica, Costa

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