



SDI Review Form 1.6

Journal Name:	Asian Journal of Physical and Chemical Sciences
Manuscript Number:	Ms_AJOPACS_41779
Title of the Manuscript:	FIRST-PRINCIPLES THEORETICAL STUDY ON ELECTRONIC BAND STRUCTURE OF DIAMOND AND GRAPHITE
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:

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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	<ol style="list-style-type: none"> 1- the authors provide a study of band structure for carbon in two different structures diamond and graphite. I ask the author what is the novelty and origin of this work. 2- the authors do not provide any structural information for this two materials 3- the huge eurer in this study, that the authors indicates a gap almost zero for graphite, a simple view in Figure 1.2 shows that graphite does not have a gap because we notice an overlap between the valence band and conduction . 4- so physically does not have a gap (a negative gap). Graphite a metallic behaviour.. 	
Minor REVISION comments		
Optional/General comments		

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