

[Review Form3](#)

Book Name:	Current Research Progress in Physical Science
Manuscript Number:	Ms_BPR_4090
Title of the Manuscript:	EXPLORING THE CONFINEMENT REGIME IN SPHERICAL ZnO , CdS, and CdSe COLLOIDAL (STAND ALONE) QUANTUM DOTS
Type of the Article	Book chapter

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	<ol style="list-style-type: none"> 1. This article investigates the confinement regime in colloidal spherical zinc oxide (ZnO), cadmium sulphide (CdS) and Cadmium selenide quantum dots through a computational simulation and theoretical analysis. 2. The article provides a better understanding the subtleties within the confinement regime which is crucial for the synthesis and optimisation of nanostructures. 3. The results of this study offer insights into their potential applications in field effect transistors and optoelectronic devices. 	
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the article is suitable.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is absolute. No correction needed here.	
Is the manuscript scientifically, correct? Please write here.	Manuscript is scientifically correct.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	Some recent literature should be referenced in the article.	
Is the language/English quality of the article suitable for scholarly communications?	The language/English quality of the article should be improved.	
<u>Optional/General</u> comments	The discussion of the article should be evidenced through the suitable references.	

[Review Form3](#)

PART 2:

	<u>Reviewer's comment</u>	<u>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)</u>
<u>Are there ethical issues in this manuscript?</u>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

Reviewer Details:

Name:	Madhu Tiwari
Department, University & Country	N. S. P. S. Govt. P. G. College, India