Review Form3

Book Name:	Current Research Progress in Physical Science
Manuscript Number:	**Ms_BPR_4113**
Title of the Manuscript:	**The principle of commensurability of conserved quantities as a basis for solving quantum mechanics problems using integer theory**
Type of the Article	**Book chapter**

PART 1: Comments

	Reviewer's comment	**Author's Feedback***(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimumof 3-4 sentences may be required for this part.	The paper introduces the principle of commensurability of conserved quantities as a novel approach to understanding quantum mechanics, particularly in calculating the radiation spectrum of hydrogen-like atoms. By applying a mechanical model of the hydrogen atom and utilizing integer theory within a relativistic framework, the author derives energy levels that align with known spectral series, such as Lyman and Balmer. The principle not only offers a clearer physical interpretation of Bohr's quantum hypothesis but also reintroduces a sense of causality to quantum interactions, which could reshape our understanding of quantum behavior. With thorough mathematical derivations and a deep discussion of its implications, the paper suggests the principle's broad applicability in physics beyond atomic radiation. It is a significant contribution to the field and offers a promising avenue for future research.	
Is the title of the article suitable? **(If not please suggest an alternative title)**	**Yes**	
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 paper presents a novel approach to quantum mechanics by introducing the principle of commensurability of conserved quantities. The author claims that this principle can provide a clearer physical interpretation of Bohr's quantum hypothesis and offers a method for calculating the radiation spectrum of hydrogen-like atoms. The abstract effectively summarizes the key contributions of the work, highlighting the significance of a common measure for conserved quantities in physical interactions.	
Is the manuscript scientifically, correct? Please write here.	**Correct**	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. **-**	**Yes**	

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Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/Generalcomments	This research paper presents a thought-provoking and mathematically rigorous approach to addressing fundamental questions in quantum mechanics. The introduction of the principle of commensurability of conserved quantities is a significant contribution that could reshape our understanding of quantum interactions. The clarity of the mathematical derivations and the depth of the discussion make this paper a valuable addition to the field. Future research could explore the broader implications of this principle in other areas of physics, potentially leading to new insights and advancements in quantum theory. I recommend this paper for publication, as it offers a novel perspective on quantum mechanics that is both theoretically sound and practically relevant. The insights gained from this work could inspire further exploration of the foundational principles governing quantum systems.	

PART 2:

	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)***
Are there ethical issues in this manuscript?	***(If yes, Kindly please write down the ethical issues here in details)***	

Reviewer Details:

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