

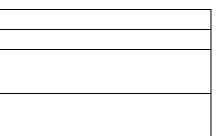
FINAL EVALUATION FORM 1.1

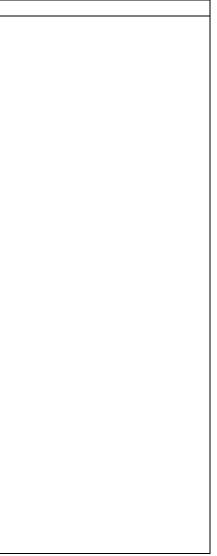
PART 1:

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 Article :	Book chapter

PART 2:

PARI 2:	
FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
 The manuscript titled "The principle of commensurability of conserved quantities as a basis for solving quantum mechanics problems using integer theory" presents a novel perspective on the foundations of quantum mechanics. The author proposes a "principle of commensurability of conserved quantities," asserting that conserved quantities in physical interactions must have a common measure, expressible as integers. The author attempts to apply this principle to the classic problem of hydrogen-like atom radiation. Lack of Theoretical Justification: The proposed principle lacks sufficient theoretical justification and connection to established physical theories. The author fails to adequately explain why commensurability is a necessary condition for physical interactions and doesn't engage with the established mathematical formalism of quantum mechanics, making it difficult to assess the validity and implications of the proposed principle. Ad Hoc Assumptions and Selective Interpretation: The application of the principle to the hydrogen atom problem involves a series of ad hoc assumptions and a selective interpretation of mathematical results. For example, the author arbitrarily selects specific rational numbers to fit the observed spectral series without providing a clear physical justification. This approach appears to be a post-hoc rationalization of known results rather than a predictive theoretical framework. Lack of Clarity and Rigor: The manuscript suffers from a lack of clarity and rigor in its presentation. Mathematical derivations are often incomplete and difficult to follow. The author's use of terminology is inconsistent and confusing. 	
Grammar and Writing Skill Issues:	1







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