Review Form2

Book Name:	Current Research Progress in Physical Science
Manuscript Number:	**Ms_BPR_2925**
Title of the Manuscript:	**QUANTUM MECHANICS AS A THEORY BASED ON THE GENERAL THEORY OF RELATIVITY**
Type of the Article	**Book chapter**

PART 1: Review Comments

Compulsory REVISION 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. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.	1.This paper reflects an ambitious and thought-provoking attempt to combine general relativity and quantum mechanics. 2.It presents a novel viewpoint that may pave the way for further investigation into quantum gravity. 3. It provides a rigorous mathematical foundation	
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.	**NA**	
Are subsections and structure of the manuscript appropriate?	**Yes**	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimumof 3-4 sentences may be required for this part.	1. Provide a more comprehensive explanation to enhance accessibility towards Mathematical Formalism.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. **:**	1.The paper derives quantum dynamics within the context of general relativity using well-established mathematical methodssuch as relativistic Lagrangians and wave functions in conjugate spaces which is robust from a scientific standpoint. 2.It exhibits coherence with established physical laws by effectively tying quantum principles to classical rules like Lorentz's force and Maxwell's equations. 3.It describes of quantum scattering and tunneling, especially with respect to Fermi's golden rule.	

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Minor REVISION comments **Is the language/English quality of the article suitable for scholarly communications?**	2. Describe about novelty work of this paper in the introduction part. 3. Provide a more comprehensive explanation to enhance accessibility towards Mathematical Formalism. 4. To close the gap between theory and experiment, a clearer explanation of the physical interpretation of these wave packets could be provided, particularly when considering real-world phenomena. 5. Compare these classical rules with current interpretations in classical field theory, as they are derived from quantum dynamics. 6. Provide specific applications or examples on Fermi's Golden Rule where this formulation offers advantages over the traditional approach.	
Optional/Generalcomments		

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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