SDI Review Form 1.6

Journal Name:	**Physical Science International Journal**
Manuscript Number:	**Ms_PSIJ_50463**
Title of the Manuscript:	**Advantages of the Mathematical Structure of a Dirac Fermion**
Type of the 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:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

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	**The article is written on the famous topic of quantum mechanics related to the Dirac and Gordon equations. Although the Gordon Klein equation has certain disadvantages, for example, predicts tachyon, it nevertheless gives a well-known formula linking energy, momentum and particle mass which is used in high energy experimental physics.**	The Introduction section of the paper contains the following statement: "…unsettled problems exist with second order quantum theories of elementary massive particles, like those of the Klein-Gordon (KG), $W^{\pm}$, Z and the Higgs bosons, which are described by second order partial differential equations." The paper contains detailed proofs of this assertion. The proofs rely on well established physical principles. Hence, while these principles are well-known, the paper's conclusion still deserve an appropriate publication, because many texts of the present literature still regard the KG, $W^{\pm}$, Z and the Higgs bosons are based on flawless theories.
Minor REVISION comments	**This article contains a review of known theories, but is not original. The information about the consistent Hamiltonian operator which cannot be extracted from the Hamiltonian density, about problems with Hilbert space is not sufficient for original paper. So, it is necessary to stress this fact in the introduction.**	See above.
Optional/General comments	**The article is written with complete and competent description of the basic concepts of the Dirac theory and the Klein-Gordon equation. The article can be published with inclusion of the fact that it is the review of known theories in the introduction.**	See above.

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)*	