



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_34889
Title of the Manuscript:	METASTABLE NON-NUCLEONIC STATES OF NUCLEAR MATTER: PHENOMENOLOGY
Type of the Article	Original Research Paper.

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>)



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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)
<u>Compulsory</u> REVISION comments	<ol style="list-style-type: none"> 1. In abstract should write what they have done with applications. Abstract should be small and complete. Authors should rewrite abstract. 2. Authors have mentioned 5th fundamental interaction. What is this 5th fundamental interaction. Is this interaction is interaction between other four forces. Authors should give some details about this interaction? This will be helpful in future research. 	<ol style="list-style-type: none"> 1. I tried to rewrite the abstract according to the reviewer's comments. It was very difficult for me. Unfortunately, I managed to reduce it to only two lines 2. I gave an additional explanation on this issue (lines 54-58). According to [1, 2], this gauge boson, with a mass of about $17 \text{ MeV}/c^2$, is the mediator of the weak force. The boson has milli-charged couplings to up and down quarks and electrons, but with relatively suppressed (and possible vanishing) couplings to protons (and neutrinos) relative to neutrons, i.e. it interacts with neutrons but is "protophobic" and ignores protons.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		