



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_28694
Title of the Manuscript:	PARTICLE CREATION AND STRUCTURE OF ATOMIC NUCLEI IN THE UNIVERSE MODEL WITH MINIMAL INITIAL ENTROPY
Type of the Article	Original Research 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:

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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	The paper is excellent and presents correctly the structure of atomic nuclei in the universe model with minimal initial entropy . I recommend the publication in PSIJ with minor revisions	
<u>Minor</u> REVISION comments	<p>1) I suggest the following title: Structure of the atomic nuclei in the universe model with minimal initial entropy</p> <p>2) I suggest the following abstract:</p> <p>In this paper we show on the base of new ideas about the origin and evolution of the Universe, that in three-dimensional space the fundamental particles should have electric charges equal to 0, $\pm e$, $\pm 2e$, $\pm 3e$, what corresponds to the neutron and three pairs of light stable nuclei (hydrogen, helium, lithium). All heavy ($Z \geq 4$) cores are presented in the form of molecular structures consisting of light nuclei; there are shown the reasons of instability of the nuclei in the ground and excited states. The hierarchy of bosons which are responsible for the interaction between particles in different hierarchical layers of fiber space Super-Universe is given.</p> <p>3) I suggest the following keywords: heavy cores, light stable nuclei, excited states, hierarchy of bosons, three-dimensional space.</p>	
<u>Optional/General</u> comments	The paper is excellent and presents correctly the structure of atomic nuclei in the universe model with minimal initial entropy.	

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