

Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_77483
Title of the Manuscript:	Evolutionary sequence of spacetime and intrinsic spacetime and associated sequence of geometries in metric force fields~I
Type of the Article	OriginalResearch 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)
Compulsory REVISION comments	<p>Author studied “Evolutionary sequence of sequence of geometries spacetime and associated sequence of geometries in metrics force field one”. Author identified Two classes of three-dimensional metric spaces. They are the conventional three-dimensional metric space and a new ‘three-dimensional’ absolute intrinsic metric space.</p> <p>I still have some queries:</p> <ol style="list-style-type: none"> 1. What is the definition of spacetime? 2. Are this work related with author’s previous work: “four symmetrical universes, referred to as positive (or our) universe, negative universe, positive time-universe and negative time-universe, in previous articles” Please clarify? 3. In place of reference numbers author write “?” why? 4. The work done in the field of pure and applied mathematics with specified metric spaces. I recommend this article after minor revisions? 5. There are many typing errors in title no 3. How can be considered? 6. Author should explain conventional metric space with example, and why the general metric spaces not consider? 7. Absolute intrinsic metric space, should be explained properly with examples? 8. What are the future research of this work explain? 	
Minor REVISION comments	<p>Technical Report</p> <ol style="list-style-type: none"> 1. Thecorresponding absolute intrinsic metric time `dimension' is not curved from its vertical positionsimultaneously with `three-dimensional' absolute intrinsic metric space. The development ofabsolute intrinsic Riemannian geometry is commenced and the conclusion that the resultinggeometry is more all-encompassing then the conventional Riemannian geometry on curvedconventional metric space IM03 only is reached. 2. Albert Einstein introduced the time dimension, $x_0 = c t$, into Riemann geometryin a direct manner somewhat. The usual notation ct for the time dimension is beingreplaced by cst in this paper, having shown that ct is actually the time dimensionwith zero geodesic ow and re-denoted it by cst . Havingadded cst to the three dimensions, x_1; x_2 and x_3, of the Euclidean 3-space, yieldingthe at four-dimensional metric spacetime (the Minkowski space) in the specialtheory of relativity. <ol style="list-style-type: none"> 3. Albert Einstein introducedthe time dimension into Riemann geometry by allowing the time dimension andthe three dimensions of space to be curved at once (or simultaneously) to form acurved four-dimensional spacetime continuum with Riemannian metric tensor. Hethen applied Riemann geometry (for four-dimensional Riemann space without timedimension) in an unaltered form to the curved four-dimensional spacetime continuumthus obtained. This approach of introducing the time dimension into Riemanngeometry by Albert Einstein has been referred to as direct approach 4. The dimensions of the curved space IM3 span the dimensions of the properEuclidean 3-space IE03 only. Actually the proper Euclidean 3-space IE03 has evolvedinto the curved space IM3 within the region of 3-space being considered. Hence theproper Euclidean space does not exist along with IM3 within 	

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	the region. Nevertheless the curved metric space M^3 is embedded in the global proper Euclidean 3-space E^3 and the coordinates x^i of E^3 serve. However, apart from the direct approach adopted by Einstein.	
Optional/General comments		

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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