



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	2014_PSIJ_10137
Title of the Manuscript:	Is black hole geometry - the eternal cosmic geometry?
Type of the Article	Review 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>)



SDI Review Form 1.6

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		
<u>Minor</u> REVISION comments	<p>The paper is interesting and it may considered as a good review, yet some minor points are required to be done before final acceptance and publication:</p> <p>1-The general idea of large number coincidence is interesting, yet is there any observational proves??</p> <p>2-some references are missed in that context: EJTP 5, No. 18 (2008) 81–94; Proc. R. Soc. A 8 May 2008 vol. 464 no. 20931345-1353; Barrow, J.D. The Constants of Nature From Alpha to Omega-The Numbers that Encode the Deepest Secrets of the Universe. Pantheon Books, 2002; Gamov G. Numerology for the constants of nature. Proceedings of the National Academy of Science U.S.A., 1968, v. 59(2), 313–318; General Relativity and Gravitation November 2011, Volume 43, Issue 11, pp 3225-3233; arXiv:1105.2462v1; arXiv: 0705.1836.</p> <p>3-what are the physical origin of the Mc introduced in the</p>	<ol style="list-style-type: none"> 1. Explained in section (13) and (14) 2. References included 3. Explained in section (6) and section (15.1) 4. Explained included in section (15.3) with references. 5. Explanation added. 6. Few comments added and it needs further study. 7. Explained in section (14)



SDI Review Form 1.6

	<p>abstract and the main paper? It seems this empirical formula is connected to the electric charge, any relation with the charged black hole physics?</p> <p>4-the Hubble parameter is connected in many theories to the graviton mass, e.g. International Journal of Theoretical Physics 2012, Volume 51, Issue 12, pp 3978-3992; Phys. Lett. B, 503, 2001, 173-180; or the Hubble mass as in many theories, like arXiv: 1110.2684; EJTP 10 (2006) 1-10; Chin. Phys. Lett. Vol. 23, No. 5, 1124, (2006); arXiv:1312.1898..</p> <p>These masses are connected to the theory of black holes as well. The question is what is the relation between the present work and the work mentioned previously. In other words, some masses have physical and geometrical foundations sorting from fundamental theories, like SUGR and SUSY...see also the work of Sergio Ferrara on arXiv...</p> <p>5-Section 8 requires more explanation.</p> <p>6-has Equation 83 any cosmological explanation? Any connection with the Planck's mass and the physics of the early Universe? dark energy problem? the cosmological constant? it may be pointed out that the Planck scale and the dark energy are likely to be linked. The Planck scale provides the ultraviolet (short-wavelength) cut-off, while the dark energy or cosmological constant provides the infrared long wavelength cutoff...Any connection?</p>	
--	--	--



SDI Review Form 1.6

	7-How Einstein's general theory of relativity is fitted in the theory of the present work?	
<u>Optional/General</u> comments		