



SDI Review Form 1.6

Journal Name:	<u>Physical Science International Journal</u>
Manuscript Number:	Ms_PSIJ_34248
Title of the Manuscript:	Hilbert scheme and multiplet matter content
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>)



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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	<p>The way authors introduce their works is not very clear. I can't see the relation with D-branes and superstring theory as he mentioned. Besides, no connection (even mathematically) to compactification is obvious. I suggest that authors put a look on the following works:</p> <p>geometric modeling, Math. Vis., pages 237–247. Springer, Berlin, 2006.</p> <p>a-Dustin A. Cartwright, Daniel Erman, Mauricio Velasco, and Bianca Viray. Hilbert schemes of 8 points. Algebra Number Theory, 3(7):763–795, 2009.</p> <p>b-Gianfranco Casnati, Joachim Jelisiejew, and Roberto Notari. Irreducibility of the Gorenstein loci of Hilbert schemes via ray families. Algebra Number Theory, 9(7):1525–1570, 2015.</p> <p>c-Gianfranco Casnati and Roberto Notari. On the Gorenstein locus of some punctual Hilbert schemes. J. Pure Appl. Algebra, 213(11):2055–2074, 2009.</p> <p>Then try to rewrite the paper in a more clear way. Motivations must be addressed more properly. Even if the mathematics or the calculation done is correct, without convincing physical implications, the paper looks metaphysical.</p> <p>A revision is required.</p>	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Reviewer Details:

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