



**SDI FINAL EVALUATION FORM 1.1**

**PART 1:**

Journal Name:	<a href="#">Physical Science International Journal</a>
Manuscript Number:	2015_PSIJ_18515
Title of the Manuscript:	Bianchi Type-IX Cosmological Model in $f(R)$ Theory of Gravity
Article Type:	

**PART 2:**

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>I have made numerous edits in the provided Word version, correcting the English. I hope the authors can put my suggestions to good use.</p> <p>I have one significant technical issue with the manuscript. Eq. (21) is obviously incorrect (<math>d/db</math> vs. <math>d/dt</math>) and it leads me to wonder if Eq. (22) is valid. How exactly is Eq. (21) integrated? Something smells very wrong here.</p> <p>Regarding the shear and expansion scalars, it does not matter how well-defined they are in the literature; in a well-written manuscript, we define every symbol we use, including trivial symbols like <math>g_{\mu\nu}</math> or <math>R</math>.</p> <p>More importantly though, however well-defined these symbols are, the authors fails to show how they are related to the chosen parameterization of the metric! Thus the reader has no way to check the validity of Eq. (13): Why would an assumption on <math>\theta</math> and <math>\sigma^2</math> lead to this relationship between <math>a</math> and <math>b</math>?</p> <p>I have no other major issues with this manuscript. I have several minor observations, which I included in the form of revision comments in the Word file.</p> <p>My overall assessment of this manuscript remains positive; however, the authors must show the validity of their solution Eq. (22) before it can be accepted for publication.</p>	

**Reviewer Details:**

Name:	Anonymous
Department, University & Country	Canada