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| Book Name: | [**Current Research Progress in Physical Science**](https://www.bookpi.org/bookstore/product/current-research-progress-in-physical-science-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4453** |
| Title of the Manuscript:  | **Observational Constraints on F(T , TG) Gravity with Hubble’s Parametrization** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **The torsion effect of gravity is a new development in EFE especially to study the Hubble expansion. Handling the torsinal effect in EFE is very combersum and using torsion or twisted element in symmetric /isotropic matric of FLRW is very trickey. The auther has made very excellent efforts to solve this.**  |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **It is OK** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **It is OK** |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **Yes, I have following suggestion. Fig 1 is not very comprensive. I could not understand the graph plot properly *h* vs *h* (H/100) or gamma vs gamma etc. It needs more clarification.****My further suggestions on write few lines on use of LIGO or upcomming Laser Interferometer Space Antenna (LISA) with sensitivity details to study torsional effect of gravity.** **Also add few lines on observable variation of H with time since big bang coinciding with study** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **OK** |  |
| Is the language/English quality of the article suitable for scholarly communications? |  |  |
| Optional/General comments |  |  |

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| **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?**  | ***(If yes, Kindly please write down the ethical issues here in details)*** |  |

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| **Reviewer Details:** |
| **Name:** | **M.K.Singh** |
| **Department, University & Country** | **India** |