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# **SDI FINAL EVALUATION FORM 1.1**

### PART 1:

| Journal Name:            | Physical Science International Journal                                      |
|--------------------------|---|
| Manuscript Number:       | Ms_PSIJ_40648   |
| Title of the Manuscript: | An Experimental Study to Examine the Curved Spacetime Using Magnetic Fields |
| Type of Article:         | Original Research Article   |

| PART 2:  |   |  |  |
|--|---|--|--|
| FINAL EVALUATOR'S comments on revised paper (if any)   | Authors' response to final evaluator's comments |  |  |
| Each and every physical entity (object) is subject to gravitation whether it is  |   |  |  |
| inside a wire or outside it. Therefore, it is not correct that "the electric   |   |  |  |
| charge q which moves inside an electric wire is not subject to the effects of  |   |  |  |
| gravity."  |   |  |  |
| (i) Kindly delete this portion from your article.  |   |  |  |
| (,, , , , , , , , , , , , , , , , , , ,  |   |  |  |
| The author should, therefore, add in his discussion a paragraph describing   |   |  |  |
| how his experiments measure space time curvature rather than the simple  |   |  |  |
| effect of Newtonian gravitation on charges. But he has not complied with this  |   |  |  |
| suggestion.  |   |  |  |
| (ii) Therefore I like to suggest the outbor to incorporate the following   |   |  |  |
| (ii) Therefore, I like to suggest the author to incorporate the following two sentences in his article (with consequent minor changes in |   |  |  |
| other places of the article if required):  |   |  |  |
|  |   |  |  |
| "Our study, at the present stage, could equally be considered as the effect of   |   |  |  |
| Earth's gravitation on the charges. However, it is possible in future to   |   |  |  |
| differentiate whether the effect is due to the Einstein's spacetime curvature or   |   |  |  |
| due to the Newton's gravitational pull by our simple experiment if that could  |   |  |  |
| be performed with adequate accuracies."  |   |  |  |
|  |   |  |  |
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|  |   |  |  |

# **Reviewer Details:**

| Name:                            | Sankar Hajra |
|----------------------------------|--------------|
| Department, University & Country | India        |

Created by: EA Checked by: ME Approved by: CEO Version: 1.5 (4<sup>th</sup> August, 2012)