



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
<p>Dear Author,</p> <p>You answers: "In my preliminary pilot experiments, I have attempted the same experiment with different types of magnets with various sensor positions." or "The selection of permanent magnet and positioning of sensor in this study is based on the preliminary pilot experiments" indicate that You are not interesting in science or exploration of nature and I doubt, if this data exist at the moment. You have one other goals. Ok, that's You right, but a scientific article should be written so that reader would believe in new knowledge which was obtained in Your investigation and described in Your scientific article. In opposite, You don't made any changes, which could approve You hypothesis. There aren't in You investigations any data of measured gravity field, because space-time curvature and gravity field in GR are the same. So, my previous suggestions was remove all about GR, if You want publish data. You hadn't done so. Furthermore, You don't made any additional experiments in other geographical places, because neither geographic coordinates nor measured values of You device there are in the text. Finally, You do not repeated You experiments without permanent magnets to try explore earth magnetic field without perturbations or influence of Your added permanent magnet. You tried to visualise magnetic field in curved space-time (Fig-3), but still it is unclear which one projection is shown x, y, z or x, y, t . The same should be seed about Fig-4. It is not clear why it is need in article or which one explanation in text this picture visualise. If You want to cite something, You should use reference of original author nor Wikipedia links. Your abstract should declare results but not Your good wishes. So, my decision is that You article in that form and with that contents isn't prepared for publication in scientific journal.</p>	<p>The goal of this study is to provide an experimental approach with experimental results for the challenge that have not been well taken. My aim is to show the possibility of magnets to be used to measure the curvature of spacetime, yet I agree that with the results from my experiments, it is hard to make a definitive claim that the results are due to the curvature of spacetime. Therefore, I added</p> <p>"However, comparing the experimental results from this study with theoretically obtained values of the curvature of spacetime remains for future studies." in the abstract to make my points clearer.</p> <p>Thanks for your comments.</p>