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Erratum

Erratum of article "Gravity control with help of de Rham cohomology"

Nuno Santos*, T.Musha

E-mail : op60181e@gmail.com; takaaki.mushya@gmail.com

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HISTORICAL INTRODUCTION

(pp.55, left column, 9th line) A Line joining a planet ... → Should be kept together and not divided by new line...
(pp.55, left column, 16th line)...based on calculus of the time, ... → ...based on calculus of that time, ...
(pp.56, left column, 19th line) flat space-time with a flat metric signature of (-+++) or (+—). ... → flat space-time with a flat metric signature of (- + + +) or (+ - - -).
(pp.56, left column, 28th line)...the theory favored the admiration of the scientific community at the time. ... → ... the theory favored the admiration of the scientific community of that time.
(pp.56, right column, 19th line) ....not right path to the development of physics .. → ... not right path for the development of physics ...
(pp.57, right column, 45th line)... as well as anti-gravity could be generated ... → anti-gravity is cut as anti-gravity whereas it should be anti-gravity ...
(pp.58, left column, 16th line)..., rotating in the horizontal plane in a constant velocity ... → ..., rotating in the horizontal plane on a constant velocity ...
(pp.58, left column, 32th line) ... between Ω and Ω which can ... → ... between Ω and Ω′ which can ...
(pp.58, right column, 28th line)... we will have a curvature that depends on the sense of rotation $\dot{R}^{\rho}_{\sigma\mu\nu}(R) \neq \dot{R}^{\rho}_{\sigma\mu\nu}(L)$, $\dot{R}^{\rho}_{\sigma\mu\nu}(L) \cong R^{\rho}_{\sigma\mu\nu}$. → ... we will have a curvature that depends on the sense of rotation $\dot{R}^{\rho}_{\sigma\mu\nu}(R) \neq \dot{R}^{\rho}_{\sigma\mu\nu}(L)$, $\dot{R}^{\rho}_{\sigma\mu\nu}(L) \cong R^{\rho}_{\sigma\mu\nu}$, where $\dot{R}^{\rho}_{\sigma\mu\nu}(R) \neq \dot{R}^{\rho}_{\sigma\mu\nu}(L)$, $\dot{R}^{\rho}_{\sigma\mu\nu}(L) \cong R^{\rho}_{\sigma\mu\nu}$ is the Riemann curvature tensor.
(pp.58, right column, 37th line)... is given by the following formula: ... → ... is given by the following formula[52]: ...
(pp.58, right column, 47th line) ... from the vacuum quantum fluctuations to a ... → from the vacuum quantum fluctuations[65] to a ...

EXPERIMENTAL APPARATUS AND RESULTS

(pp.59, right column, 19th line)... attained during the study is presented: .. → ... attained during the study are presented in TABLE 1. ...
(pp.59, right column, 27th line)... of extreme high frequency e" 50 [GHz].
(pp.60, right column, 1st line) .. The expected value according to[1] is represented by solid lines. .. → ... The expected value according to Tohoku University results[1] is represented by solid lines. ...

GRAVITY CONTROL DUE TO TOPOLOGICAL EFFECT OF CIRCULATING MAGNETIC FLUIDS

(pp.61, 3rd line)... Gyro experiment is just used to conclude the macroscopic study of a asymmetrical weight reduction ... → Gyro experiment servers merely to make the macroscopic scientific study of the asymmetrical weight reduction ...
(pp.62, left column, 30th line)... R is the radius of toroidal tube... .... R is the radius of of the ferrofluid container. ...
(pp.62, right column, 16th line) ... the number of carrier molecules (Kerosene) is larger ... → ... the number of carrier molecules (kerosene, water or synthetic oil) is larger ...
(pp.63, left column, 6th line)...with an easily realizable .. → ... which can be easily realizable ...

CONFIGURATION OF AN ELECTRICAL POWER GENERATION APPARATUS

(pp.64, left column, 20th line) ... fluid mean velocity with internal circuit clear: ... → ... fluid mean velocity with internal circuit clear as illustrated on Figure 11. ...
(pp.64, right column, 4th line) .. temperature change in function of mean velocity of fluid: .. → ... temperature change in function of mean velocity of fluid as illustrated on Figure 12. ...
(pp.64, right column, 7th line)... should give a goo operating point. ... should give a good operating point.
(pp.64, right column, 8th line).. this is equivalent to a flow of $\sim 0.5\ [m^3 \cdot s^{-1}]$ ...
(pp.65, right column, 1st line) .. indicated a final mean velocity of fluid in the order of are $\sim 50\ [m \cdot s^{-1}]$ ..
(pp.66, left column, 9th line)... bring financial benefits to the home user a mean monthly income ... → .. bring financial benefits to the home user as a mean monthly income ...

ACKNOWLEDGEMENTS

(pp.69, left column, 25th line).. as well as Dr. Susana Pinheiro .. ... as well as Dr. Susana Pinheiro (Lisbon, Portugal) as well as Eva Knutsson (Stockholm, Sweden) ...

REFERENCES

(pp.70, right column, end of REFERENCES)
[65] Vacuum energy, http://en.wikipedia.org/wiki/Vacuum_energy, (November 2013).