

===== **ERRATA** =====

**The Source of the Quantum Vacuum**

The last paragraph in Appendix A should read:  
“The equation  $\Delta F_4 = 0$  from (A3) leads to the relation  $E/c = \hbar/r_L$ , where  $r_L \equiv r_c/\gamma$ .”;  
and Reference [10] should be discarded.

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**Black Holes and Quantum Gravity from a Planck Vacuum Perspective**

The partial sentence “... the metric bracket  $[1 - n_r]$  is unity and ...” in the fourth paragraph should read “... the metric bracket  $[1 - 2n_r]$  is unity and ...”.

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**The Source of the Quantum Vacuum**

In the fourth paragraph of Appendix A the equation “ $p = \hbar/r_L$ ” should be replaced by “ $m\gamma c = \hbar/r_L$ ”.

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**The Compton Radius, the de Broglie Radius, ...**

In the third paragraph of the Appendix the equation “ $p = \hbar/r_L$ ” should be replaced by “ $m\gamma c = \hbar/r_L$ ”.

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**The Lorentz Transformation as a Planck Vacuum Phenomenon ...**

In the third paragraph just after equation (3), “Planck’s constant” should be replaced by “the fine structure constant”.

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**The Dirac-Electron Vacuum Wave**

Equation (17) should read  $\chi_0 = \vec{\sigma} \cdot (\hat{\mathbf{p}}/2mc)\phi_0$

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**The Trouble with the Equations of Modern Fundamental Physics**

In the first sentence above equation (15), “Einstein metric equation” should read “Einstein field equations”.

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