

Abstract Submitted
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ALPHA, Mass Generation and Quantum Information SHANTILAL GORADIA, Gravity Research Institute — The generation of Planck energy $10E19$ Gev/Planck time during the observable age of the universe ($10E60$ Planck times) would generate $10E79$ Gev. $10E79$ Gev approximates the energy of the baryon number, implying an increase of the baryon number by $10E19$ /Planck time. What is the source of energy for this mass generation? The ALPHA implicated as negative entropy in [1] must create vacuum energy. Vacuum energy is negative energy. Nature must balance negative energy by generating positive energy (mass), implying ALPHA balances the increasing entropy of the visible universe and generates baryonic mass. Additionally, the successful cloning of the sheep Dolly, and observed molecular blinking dots in biochemistry support the binary BITS of ON and OFF states in [1]. Vindicating Hermite's 1873 mathematical linkage of the base of natural logarithm to transcendentalism will implicate natural log based ALPHA in [1] as connected to consciousness. [1] Goradia S: www.arXiv.org/pdf/physics/0210040v3.

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