

Abstract Submitted  
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**Is ALPHA the Odometer of the Universe?** SHANTILAL GORADIA  
, Gravity Research Institute, Inc. — The answer seems to be affirmative. ALPHA may be an odometer with sixty decimal points, the last digit moving up one integer every Planck time, displaying the information of the age of the universe. We can only measure it to the ninth decimal point. ALPHA is greater than or equal to the reciprocal of the natural logarithm of the age of the universe in Planck times, sixty orders of magnitude. Eddington spent good portion of his life trying to come up with a value of ALPHA based on multiplicity. Gamow had the insight about the four nucleotides of genetic tape. His deeper 1967 insight was a link between ALPHA and cosmology. Evolution mandates variation of ALPHA. In terms of the entropy equation on Boltzmann's tomb, ALPHA seems to be the Maxwell's demon, decreasing the entropy of invisible compartments within which electromagnetic interactions take place. Nature potentially knows only the Planck units. I will discuss the implications for the second law of thermodynamics drafted in physics/0210040 v3.

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