Journal of High Energy Physics, Gravitation and Cosmology, 2014, *, **
Published Online **** 2014 (http://www.scirp.org/journal/jhepgc/)
http://dx.doi.org/10.4236/jhepgc.2015.***** ---- this is the reference code generated

A Relativistic Light Speed Maximum for Escape Velocity

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Received: September 4, 2015

Abstract

The Classic escape velocity equation shows mathematical parallels between the General Relativity & Special Relativity Time distortion equations. Like the light speed limit that Special Relativity puts to "Real" velocity, General Relativity puts a parallel limit to Escape velocity. Time Distortion slows Bosons. General Relativity Boson||Graviton slowdown limits the escape velocity from any body to never be greater than light speed. The principal equation introduced is a rephrased General Relativity Time equation. The Escape velocity equation $|v_{esc}=(2GM/r)^{½}|$ can also be written $|v_{esc}^2=(2GM/r)|$. So the Time distortion equation could be rewritten:

$$\text{Time'} = \text{Time}/(1 - 2GM/rc^2)^{½}$$

$$\text{Time'} = \text{Time}/(1 - (2GM/r)* 1/c^2)^{½}$$

$$\text{Time'} = \text{Time}/(1 - v_e^2 * 1/c^2)^{½}$$

$$\text{Time'} = \text{Time}/(1 - v_e^2/c^2)^{½}.$$

There is then a valid Relativistic argument that the expression will never have a zero value, only the Graviton||Boson slowdown. Time passage would never cease; only approach cessation. Time slowdown predicted by Relativistic distortion is confirmed by Muon decay. The different phrasing of the Gravitational Force equation $|F=GMm/r^2|$ would mean a limitless gravitational force. While Bosons compression would be unlimited, any matter could escape after formation by absorbing sufficient kinetic energy from slowing Photons||Bosons. It is argued how the formulation of the visible, Local Universe around our system came about through a mechanism that contained aspects in two aspects that are catastrophic. Big Bangs and Cyclic Cosmologies would be continual. The above mathematic reasoning argues what conditions would come about in Steady State model for the genesis of our Local Universe. All proposals are logically consistent from both an internal and external aspect. The reasoning is demonstrated and illustrated by calculating Classic Relativity interpretations for distortions for Sagittarius A [SA] body at the center of the Milky Way. It also demonstrates the inconsistencies that are in current interpretations of the General Relativity Time distortion equation. This paper does not contest Relativity at all; it makes additional arguments as to its validity.

Keywords: *Relativity, escape, velocity, gravitation, force, nuclear decay, Schwarzschild Limit, Sagittarius A, antimatter*