

SPACE TIME AND RIPPLES OF SPACE TIME DO NOT EXIST - Copyright 20 February 2016 - by Glenn A. Baxter, P.E. www.k1man.com Institute@k1man.com

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ABSTRACT

Look at a space as a simple volume and approximate void[2] with ordinary scalar dimensions of x, y, and z. It has the property of conducting light, radio, X, Gamma, Delta, etc., at the speed of light, which can be calculated as $c = 1/\text{square root of (permeability)(permittivity)}$. Energy is “shoved” into and “retrieved” from such a space when light, etc. travels. Space thus has a “springiness” property which controls the indeed constant speed of light c. A gravity field through this volume of space affects both permeability, an inductance, and permittivity, a capacitance. No surprise here since light seems to have both electric and magnetic components.

Dr. Einstein’s General Relativity incorrectly models space as an entity he called space-time that is somehow warped by the presence of mass. The time thing of his space-time comes out of incorrect Special Relativity time dilation: $t = t'[\text{square root of } (1 - v^2/c^2)]$.

LIGO is a giant interferometer that has light going in two different arms at right angles with each other. The tiny gravity force coming from a system of black holes and moving down one of these arms will affect the speed of the laser light in that arm. A “blip” in this black hole gravity strength caused by the collision of these black holes is what the current LIGO data allegedly measured.

www.k1man.com/LIGO160213A.pdf This has nothing whatsoever to do with alleged Dr. Einstein “gravity waves” through his incorrectly postulated space-time fabric.

The gravity “blip” measured at LIGO was about 0.45 seconds in duration. Since gravity travels 20 billion times faster than the speed of light[3], the “blip” at the black hole system would have been (0.45)(20 billion) seconds duration, = 3.8 years.

ASSUMPTIONS

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Light, etc., can travel through an approximate void[2] of virtually nothing without any sort of aether needed.

Light, etc, can travel as a compression/decompression wave through approximate voids of space[2].

Light always travels at speed c in an approximate void[2].

The speed of light c is not affected by the speed of the source or the speed of the destination. The relative speed of light, c', is affected by both.

The speed of light can be calculated by $c = 1/\text{square root of (permeability)(permittivity)}$

Permeability and permittivity in a volume of space are influenced by gravity when gravity field(s) are in that volume of space.

ARGUMENTS

LIGO, the **L**aser **I**nterferometer **G**ravitational Wave **O**bservatory, recently published a paper in Physical Review Letters announcing that so called Gravity Waves had finally been detected. www.k1man.com/LIGO160213A.pdf The LIGO people claim that the data just obtained proves Dr. Einstein's General Theory of Relativity, which holds that all space is actually a space-time fabric which warps when near mass. This author says "baloney." Gravity is a radiation which is generated by accelerating mass, as compared with radio, light, X, Gamma, Delta, etc., which is generated by accelerating charge, such as an electron.[1]

So called space-time was first introduced by Dr. Albert Einstein in 1905 with his first incorrect Special Relativity formula for so called time dilation. $t = t'[\text{square root of } (1 - v^2/c^2)]$ Dr. Einstein had incorrectly set the speed of light c and the relative speed of light c' as equal and then derived all the rest of his incorrect Special Relativity formulas through his famous and incorrect $E = mc^2$. This incorrect $c = c'$ should instead have been $t = t'$. See this equivalent math in www.k1man.com/c1 General Relativity goes a step further and incorrectly postulates that mass warps space itself. *LIGO data (See www.k1man.com/LIGO160213A.pdf) has been incorrectly interpreted as proof that gravity ripples through warped space.* The correct interpretation is that gravity is a radiation similar in mechanism to radio, light, X, Gamma, Delta, etc. which is generated when mass particles called GravitRons accelerate, decelerate, or change direction. www.k1man.com/c60.pdf

The author's model is that accelerating mass causes radiation of gravity similar to accelerating charge causing radiation of radio, light, X, Gamma, Delta, etc. A crashing together of black holes would cause a sudden acceleration or deceleration of a huge amount of mass, and this would generate a "blip" in the normally uniform radiation of gravity from black holes, if they actually exist. That is the "blip" allegedly picked up by LIGO, consistent with the author's gravity theory.[1]

Original Paper: Physical Review Letters 12 February 2016
www.k1man.com/LIGO160213A.pdf

MACH'S PRINCIPLE AND GRAVITRON RADIATION www.k1man.com/c60.pdf

GRAVITRONS AND ELECTRONS www.k1man.com/c50.pdf

UNIFIED FIELD THEORY FOUND www.k1man.com/c55.pdf

A CORRECT DEFINITION OF MASS www.k1man.com/c58.pdf

LIGO INFORMATION:

http://bigthink.com/articles/these-numbers-tell-the-story-of-einsteins-gravitational-waves?utm_source=Big+Think+Weekly+Newsletter+Subscribers&utm_campaign=46cf3c8b86Big+Think+Newsletter+-+0217%2F1218&utm_medium=email&utm_term=0_6d098f42ff-46cf3c8b86-40838205

<http://bigthink.com/articles/these-numbers-tell-the-story-of-einsteins-gravitational-waves?>

<http://www.nature.com/news/gravitational-waves-how-ligo-forged-the-path-to-victory-1.19382>

<http://nasa.tumblr.com/post/139124558019/what-are-gravitational-waves>

<http://www.nature.com/news/gravitational-waves-how-ligo-forged-the-path-to-victory-1.19382>

https://www.ted.com/talks/allan_adams_what_the_discovery_of_gravitational_waves_means

DR. ALBERT EINSTEIN

Dr. Einstein went “viral” when the fission bombs went off in 1945. Everyone assumed that was proof that $E = mc^2$ and that Dr. was the greatest scientist that ever lived. Walk into any United States high school, and Dr. Einstein’s likeness and $E = mc^2$ are boldly displayed on the corridor walls.

Special Relativity and its crown jewel, $E = mc^2$, are the corner stone of 21st century physics; all wrong! What a fine kettle of fish!

It is hoped that the authors physics papers will change all this over the next 100 years or so. That, is how science works! See www.k1man.com/v

SUMMARY

White light, as from a star or from the sun, is composed of many colors or frequencies, each individual light quanta at a given frequency being generated by individual atoms. All of these individual emissions average out, and we see the white light.

Vibrating atoms also radiate many tiny quanta of gravity which also average out into a uniform pull that we see as a constant force of gravity.[1]

So we can talk about light waves and gravity waves without knowing exactly what either is. Is light a wave of some sort or is it a photon of some sort?. We observe light acting like both particles and waves.

Same problem with gravity waves. Are there gravity particles? We don't know.

Given the postulate[1] that gravity is a radiation generated by an acceleration/deceleration of a mass, similar in mechanism to light being a radiation generated by the acceleration/ deceleration of a charge, the recent LIGO measurements, www.k1man.com/LIGO160213A.pdf, suggest that the "blip" in measured gravity allegedly coming from two colliding (suddenly decelerating) black holes is consistent with the above postulate[1] and having nothing whatsoever to do with Dr. Einstein's General Relativity. Or the Easter Bunny.

The fact is that the LIGO data might be consistent with many theories. The LIGO data doesn't prove anything any more than the Large Hadron Collider proved the existence of so called Higgs Bosons.

MUST LISTENING

<https://www.youtube.com/watch?v=J3Hoax81rkl>

[1] MACH'S PRINCIPLE AND GRAVITRON RADIATION www.k1man.com/c60.pdf

GRAVITRONS AND ELECTRONS www.k1man.com/c50.pdf

UNIFIED FIELD THEORY FOUND www.k1man.com/c55.pdf

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[2] **A NEW UNIQUE REFERENCE FRAME AND THE APPROXIMATE VOID** Copyright 16 October 2015 www.k1man.com/c62.pdf

[3] Uncommon Knowledge, Dr. Al McDowell, 2010, Page 215

"To kill an error is as good a service, and sometimes even better than, establishing a new truth or fact."

Charles Darwin

"Great causes are never tried on the merits; but the cause is reduced to particulars to suit the size of the partisans, and the contention is ever hottest on minor matters." - Ralph Waldo Emerson - From his essay "Nature" 1844

Mr. Baxter has a degree in Industrial Engineering from the University of Rhode Island and is a Licensed Professional Engineer in Illinois and Maine. He is a graduate of Vermont Academy, which honored him in 1993 as a Distinguished Alumnus with the Dr. Florence R. Sabin Award. It was at Vermont Academy as a student where Mr. Baxter attended a talk and met the very popular relativity author James A. Coleman. Mr. Baxter has been doing research in relativity and physics ever since and is currently Executive Director of the Institute for Advanced Research. See www.k1man.com His current interests include physics, philosophy, and theology.

SIXTH ANNUAL PHYSICS COLLOQUIUM IN PORTLAND, MAINE - 20 August 2016

The 20 August 2016 Physics Colloquium will be held at a hotel in the immediate Portland, Maine airport area and will feature two speakers in the morning and two in the afternoon. The Colloquium fee is \$95, and the pdf proceedings and the video of all presentations and discussions recorded on a thumb drive will be free for all attendees, and will be \$95 postpaid anywhere in the world for everyone else. We are now extending invitations for world class speakers.

The presentation paper pdf files will be e-mailed to all those registered well before the Physics Colloquium so that the papers can be studied ahead of time, which will greatly improve the

effectiveness and efficiency of the Physics Colloquium itself. Attendees are cordially invited to dinner in Portland, Maine on Friday evening, August 19, 2016 at 7:00 p.m., to informally meet and to also discuss physics. Please register for the Physics Colloquium by sending an E-mail to Institute@K1MAN.com. All meals (and drinks) are separate at the hotel (off the menu) or wherever else is desired. www.k1man.com Telephone 207 242 2143 See you there?



Glenn A. Baxter, P.E., at his home in Belgrade Lakes, Maine U.S.A.



Glenn A. Baxter, P.E., age 4, with his dad, Frank H. Baxter (Bachelor of Science Degree, Mechanical Engineering, 1914, Rhode Island State College), and President of Frank H. Baxter Associates, 370 Lexington Avenue, New York City. See www.k1man.com/fhb and also www.k1man.com/w10 and www.k1man.com/Loons

