

## Re: A Look at Quantum "Spookiness"

**Source:** <http://sci.tech-archive.net/Archive/sci.physics/2005-03/10068.html>

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**From:** Uncle Al ([UncleAl0\\_at\\_hate.spam.net](mailto:UncleAl0_at_hate.spam.net))

**Date:** 03/19/05

Date: Fri, 18 Mar 2005 17:33:19 -0800

Einsteinhoax wrote:

>

> *A Look at Quantum "Spookiness"*

[snip 130 lines of ignorant crap]

<http://www.freefarts.com/farts.html>

Move cursor over blinkers to hear Retic's lecture.

Psychotic ineducable boring spammer retic (Ernest Wittke),

You see yourself this way,

<http://www.mazepath.com/uncleal/effete6.jpg>

The entire remainder of the planet sees you this way,

<http://www.mazepath.com/uncleal/effete3.png>

<http://www.edu-observatory.org/cranks.html>

<http://www.pagetutor.com/idiot/idiot.html>

<http://www.mazepath.com/uncleal/sunshine.jpg>

<<http://www.albinoblacksheep.com/flash/youare.swf>>

<http://www.fuckinggoogleit.com/>

<http://www.meninhats.com/d/20040430.html>

<http://www.you-moron.com/>

<http://groups.google.com/groups?q=group%3Asci.physics+author%3Awittke>

<http://b5.sdvc.uwyo.edu/bab5/snds/argcstpd.wav>

<http://www.apa.org/journals/psp/psp7761121.html>

<http://insti.physics.sunysb.edu/~siegel/quack.html>

<<http://www.firehead.org/~jessh/film/kubrick/Kubrick-Psycho.html>>

<[http://www.naturalchild.com/elliott\\_barker/prisons.html](http://www.naturalchild.com/elliott_barker/prisons.html)>

> *The source material for this posting may be found in "Gravity" (1987),*

> *"The Einstein Hoax" (1997), and "Corrections to Residual Errors in Special*

> *Relativity (1999)*

[snip]

Hey, stoopid spammer Ernest Wittke – Do you want EVIDENCE? Each of the 24 GPS satellites carries either four cesium atomic clocks or

three rubidium atomic clocks in orbit, with full relativistic corrections being applied. NAVSTAR Block II GPS satellites (currently being launched as replacements) have two rubidium and two cesium atomic clocks.

Internal inconsistencies in SR (meaning inconsistencies of a purely mathematical logical nature) automatically lead to contradictions in number theory, itself, and arithmetic, since the mathematics of Minkowski geometry is equiconsistent with the theory of real numbers and with arithmetic.

<<http://optoelectronics.perkinelmer.com/content/Datasheets/rfs2f.pdf>>

<<http://math.ucr.edu/home/baez/RelWWW/tests.html>>

Mathematics of gravitation

<<http://wugrav.wustl.edu/people/CMW/update98.pdf>>

<<http://www.astro.northwestern.edu/AspenW04/Papers/lorimer1.pdf>>

Equivalence Principle testing

<http://arXiv.org/abs/hep-th/0111236>

Geometric structure of reality

<http://arxiv.org/abs/gr-qc/0103044>

<http://arXiv.org/abs/hep-th/0307140>

GR structure, especially Part 4/p. 7

<<http://relativity.livingreviews.org/Articles/lrr-2001-4/index.html>>

<http://arXiv.org/abs/gr-qc/0311039>

<<http://www.weburbia.demon.co.uk/physics/experiments.html>>

Experimental constraints on General Relativity

<<http://tycho.usno.navy.mil/ptti/ptti2002/paper20.pdf>>

Nature 425 374 (2003)

<http://www.eftaylor.com/pub/projecta.pdf>

<<http://www.public.asu.edu/~rjjacob/Lecture16.pdf>>

<<http://relativity.livingreviews.org/Articles/lrr-2003-1/index.html>>

Relativity in the GPS system

<http://arXiv.org/abs/gr-qc/9909014>

Amer. J. Phys. 71 770 (2003)

Phys. Rev. Lett. 92 121101 (2004)

falling light

<<http://hyperphysics.phy-astr.gsu.edu/hbase/relativ/airtim.html>>

<[http://metrologyforum.tm.agilent.com/pdf/flying\\_clock\\_math.pdf](http://metrologyforum.tm.agilent.com/pdf/flying_clock_math.pdf)>

<http://metrologyforum.tm.agilent.com/cesium.shtml>

<http://arxiv.org/abs/physics/0008012>

Hafele-Keating Experiment

<http://www.hawaii.edu/suremath/SRtwinParadox.html>

<<http://physics.syr.edu/courses/modules/LIGHTCONE/twins.html>>

Twin Paradox

Science 303(5661) 1143;1153 (2004)

<http://arXiv.org/abs/astro-ph/0401086>

<http://arxiv.org/abs/astro-ph/0312071>

<<http://relativity.livingreviews.org/Articles/lrr-2003-5/index.html>>

<[http://skyandtelescope.com/news/article\\_1473\\_1.asp](http://skyandtelescope.com/news/article_1473_1.asp)>

Deeply relativistic neutron star binaries

<http://arxiv.org/abs/hep-th/0405160>

Black hole evaporation

Physics Today 57(7) 40 (2004)

<http://physicstoday.org/vol-57/iss-7/p40.shtml>

No aether

<http://fsweb.berry.edu/academic/mans/clane/>

<http://physicsweb.org/articles/world/17/3/7>

No Lorentz violation

<http://arXiv.org/abs/gr-qc/0409089>

Spin-2 gravitons have problems

<<http://groups-beta.google.com/group/sci.physics.strings/msg/ba31a00f5f26277a>>

(so does the proposal)

<http://arXiv.org/abs/gr-qc/0411113>

<<http://www.npl.washington.edu/eotwash/pdf/prl83-3585.pdf>>

<http://arXiv.org/abs/gr-qc/0301024>

Phys. Rev. Lett. 93 261101 (2004)

Nordtvedt Effect

<http://map.gsfc.nasa.gov/>

<http://arxiv.org/abs/astro-ph/0403292>

<http://arXiv.org/abs/astro-ph/0310723>

WMAP + Sloane Digital Sky Survey

<http://arxiv.org/abs/hep-ph/0404175>

Dark matter candidates

<<http://nedwww.ipac.caltech.edu/level5/March01/Carroll/frames.html>>

Carroll on what it all means.

Special Relativity is physics on a topologically trivial Lorentzian manifold with a metric whose curvature tensor is zero. This is a perfectly diffeomorphism-invariant condition and does not require any particular coordinate choice. It is invariant under the full group of diffeomorphisms. The Poincare group is the group of \*isometries\* of the metric in special relativity.

The Special Relativity metric is \*non-dynamical\* (unlike GR). It defines the coupling \*constants\* of your theory. If you change the metric in any nontrivial way you are changing your theory. An operation can only be called a "symmetry" of a special-relativistic (non-gravitational) theory if it preserves the metric, and therefore the symmetry of special-relativistic theories is the Poincare group only. General Relativity (gravitation) has a dynamic metric.

NIM A 355 537 (1995)

Physics Letters B 328 103 (1994)

Physical Review Letters 64 1697 (1990)

Physical Review Letters 39 1051 (1977)

Physical Review 135 B1071 (1964)

Physics Letters 12 260 (1964)

Europhysics Letters 56(2) 170-174 (2001)

General Relativity and Gravitation 34(9) 1371 (2002)

sci.physics: Re: A Look at Quantum "Spookiness"

<http://fourmilab.to/etexts/einstein/specrel/specrel.pdf>

<[http://www.geocities.com/physics\\_world/sr/ae\\_1905\\_error.htm](http://www.geocities.com/physics_world/sr/ae_1905_error.htm)>

<<http://www.physics.gatech.edu/people/faculty/finkelstein/relativity.pdf>>

Longitudinal and transverse mass

Physics Today 58(3) 34 (2005)

Time passage, equator vs. poles

<http://arxiv.org/abs/gr-qc/0306076.pdf>

<<http://www.metaresearch.org/solar%20system/gps/absolute-gps-1meter-3.ASP>>

<http://www.navcen.uscg.gov/pubs/gps/gpsuser/gpsuser.pdf>

<http://www.navcen.uscg.gov/pubs/gps/sigspec/default.htm>

<http://www.navcen.uscg.gov/pubs/gps/icd200/default.htm>

<http://www.trimble.com/gps/index.html>

<http://sirius.chinalake.navy.mil/satpred/>

<http://www.phys.lsu.edu/mog/mog9/node9.html>

<http://egtphysics.net/GPS/RelGPS.htm>

<http://www.schriever.af.mil/gps/Current/current.oa1>

[http://edu-observatory.org/gps/gps\\_books.html](http://edu-observatory.org/gps/gps_books.html)

<<http://www-astronomy.mps.ohio-state.edu/~pogge/Ast162/Unit5/gps.html>>

> *If anyone*

> *provides a significant rebuttal that cannot be objectively answered, the*

> *material at the Website will be withdrawn.*

Right, like your head has ever been withdrawn from your ass – even when you shit.

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Uncle Al

<http://www.mazepath.com/uncleal/>

(Toxic URL! Unsafe for children and most mammals)

<http://www.mazepath.com/uncleal/az.pdf>