

2009-10-11

SCRAPS

2009

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PRESIDENTS	7,069	WordPerfect 11 Document	2/4/2009 7:48 PM
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RECOG	19KB	WordPerfect 11 Document	6/9/2009 11:40 AM
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SYNCULT2	11KB	WordPerfect 11 Document	5/23/2009 1:21 PM
TIMATRX0	10KB	WordPerfect 11 Document	11/30/2009 8:33 PM
TIMATRX4	11KB	WordPerfect 11 Document	11/8/2009 7:11 PM
TIMATRX5	12KB	WordPerfect 11 Document	11/8/2009 7:27 PM
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VALUPDATE2	3,567	WordPerfect 11 Document	8/30/2009 7:24 PM
VALUPDATE3	5,158	WordPerfect 11 Document	8/31/2009 11:33 AM
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SCRAPS09.WPD

SCRAPS 2009

1.	GRTSPIRIT.WPD	09/01/14	PRAYERS TO THE GREAT SPIRIT
2.	EDNUMB.WPD x	09/01/15	EDUCATION BY THE NUMBERS
3.	QUASLIFE1.WPD x	09/01/15	THE WAR IMPERATIVE
4.	MYTHGREEK.WPD	09/01/28	HESIOD'S THEOGONY
5.	PULSE.WPD	09/02/15	INCOMPATIBLE TENDENCIES
6.	SYNCULT2.WPD	09/04/09	THE CURRENT CULTURE
7.	HAIKU.WPD	09/04/30	SEVEN HAIKU FOR UKIAH
8.	KRASNIK9.WPD	09/05/23	KRASNIK SEVENTY FIVE
9.			
10.			
11.			
12.			
13.			
14.			
15.			

2009

IN MEMORIAM

MAJORIE GRENE

DECEMBER 13, 1910

MARCH 16, 2009

CLAYTON WAYNE WEBSTER

NOVEMBER 4, 1968

APRIL 19, 2009

CLAUDE LEVI-STRAUSS

NOVEMBER 28, 1908

OCTOBER 30, 2009

January 14, 2009

Grandfather, Great Spirit,
All over the world the faces of living ones are alike,
With tenderness they have come up out of the ground,
Look upon your children that they may
Face the wind and walk the good road to the day of quiet.
—Sioux prayer

The mountains, I become part of it,
The herbs, the fir tree, I become part of it,
The morning mist, the clouds, the gathering waters,
I become part of it,
The wilderness, the dew drops, the pollen ...
I become part of it.
—Navajo chant

My words are tied in one
With the great mountains
With the great rocks
In one with my body
and my heart.
—Yukots

When the earth was made
When the sky was made
When my songs were first heard
The holy mountain was standing
Toward me with life.
—Apache

EDUCATION BY THE NUMBERSCURRENT CULTURE

The 4 seasons, the 7 days of the week, the 12 months of the year
The 4 phases of the moon, the 12 moons of the year
The 4 directions of the compass, the 7 colours of the rainbow, the 7 continents
The 4 quarters of football, the 9 innings of baseball
The 12 musical keys, the 4 types of musical instruments, the 4 types of pipes
The 9 reindeer, the 7 dwarves, the 4 Marx Brothers, The 3 Stooges

LITERATURE

Aristotle's 4 Causes, Bacon's 4 Idols
Dante's 9 circles of Hell and 7 ledges of Purgatory
The 3 Musketeers, the 7 Samurai,

THE BIBLE

The 10 commandments, the 12 tribes of Israel, the 6 major prophets
The 6 minor prophets, the 4 Archangels
The 12 Apostles, 4 Gospels, the Trinity, the 3 Wise Men

THE GREEKS

The 12 Olympians, the 12 labours of Hercules, the 9 Muses
The quadrivia, the trivia, the 4 humours, the 4 elements, the 4 winds
Hesiod's 4 ages of man

EGYPTIANS
9 JUSTICES

THE ROMANS

The 7 hills of Rome, the first triumvirate, the second triumvirate
The seven wonders of the ancient world

MATHEMATICS

The 4 colour theorem, the 4 types of numbers
Wolfram's 4 classes of cellular organization

SCIENCE

The 4 forces, the 4 nucleotides, the 5 extinctions, the 9 planets
The 4 psychological types, the 4 modes of multiplexing

AMERICA

The 5 members of the Iroquoian confederation, the 13 colonies
The 3 branches of government, the 4 Mt. Rushmore presidents
The first 10 amendments or Bill of Rights, Lind's 4 generations of warfare

EASTERN

The 4 castes in Hindu society, the 4 Yugas, The Hindu Trinity

The 7 chakras

The 4 Noble Truths, the 8 fold path, the 5 Tathagatas

China's 8 Immortals,

Kukai's 10 levels of enlightenment,

ELEMENTS KNOWN TO THE ANCIENTS

QUASI-LIFE FORMS THE WAR IMPERATIVE

Several years ago a movie, "Field of Dreams" made the case that if you built a ball field the players would come.*

The Bush Administration has been accused of being a party to the attack of 9/11. The accusations range from having intelligence before hand yet doing nothing, even to participating in the planning of 9/11 and facilitating its execution. [Air force planes not available that day] These are all run-of-the-mill conspiracy theories attempting to explain why 9/11 turned out to be so advantageous to the desires of the Bush team. Indeed, 9/11 was just what they needed to launch their agenda.

Now, for the real conspiracy theory:

To survive the Pentagon needed an enemy. The Soviets had dropped out of competition for world domination and the majority of Americans have never been interested in world empire to prove their superiority [no need, we take that for granted] So the Bush Administration needed something to obtain support for launching their program. And 9/11 was made to order So, what caused 9/11? Not any planning for 9/11 on the part of the Bush Administration, but the need for a 9/11 by the Bush Administration.

If we built a powerful weapon system such as built by the Pentagon, enemies would come*. And enemies did come. But the enemy that showed up, labeled "terrorists", also had a need. After 9/11, being ahead, their ranks were diminishing and they would soon lose vitality. But with the Bush People needing a vital enemy, in order to keep this new enemy alive and well, they invaded Iraq. This gave Bin Laden and company just what they needed: An impetus for recruitment and restoration of their ranks

What then happened? We now have an inverted confrontation with each side supporting the needs of the opponent. **Enemies helping enemies who are in need.** Basically this makes no sense to either side, but it serves to keep the conflict alive. And that is just what the quasi-life form called war wants. This quasi-life form having a will of its own, not only does everything to prolong its own survival, but like other life forms survives by feeding on organic material, [Metabolism] [lower in the food chain] in this case human lives. War is now indisputably in charge. It gives the commands and both the Pentagon and the Terrorists must follow its orders.

"No war plan ever survives the first encounter with the enemy"

—Count Helmuth von Moltke

* Constructing a missile defense system in Poland will assure the coming of Russian missiles.

HESIOD'S THEOGONY

CHAOS empty space	GAEA earth	EROS force of attraction
EREBUS <=> NIGHT	URANUS sky	PONTUS waves
ETHER	HEMERA day	

GAEA <=> URANUS

THE TITANS

OCEANUS, COEUS, HYPERION, CRIUS, IAPETUS, CRONUS [males]

THEIA, RHEA, MNEMOSYNE, PHOEBE, TETHYS, THEMIS [females]

also the

CYCLOPES and CENTIMANES

URANUS locked up his offspring in the depths of the earth. GAEA formed an alliance with her son, CRONUS who castrated his father. GAEA gives birth to humans.

CRONUS liberates his brothers and sisters and rules with the TITANS. Many unions and many offspring. eg

GAEA <=> PONTUS produce NEREUS

IAPETUS <=> CLYMENE produce PROMETHEUS, ATLAS, ...

CRONUS <=> RHEA produce

HADES, POSEIDON, ZEUS and HESTIA, DEMETER, HERA

CRONUS swallows each of his offspring as they are born. RHEA with the help of her parents, URANUS AND GAEA hide ZEUS

When grown, ZEUS overthrows CRONUS, releases his brothers and sisters and establishes the rule of the OLYMPIANS. But the TITANS revolt and there is war in heaven and on earth. Finally the TITANS are defeated and sent to the depths.

THE GODS

<u>GREEK</u>	<u>LATIN</u>	<u>GREEK</u>	<u>LATIN</u>
CRONUS	SATURN	EROS	CUPID
GAEA	TELLUS	CHARITES	GRATIAE graces
ZEUS	JUPITER	POSEIDON	NEPTUNE
HERA	JUNO	HESTIA	VESTA
ATHENE	MINERVA	DEMETER	CERES
ARTIMIS	DIANA	DIONYSUS	BACCHUS
APOLLO	APOLLO	ASCLEPIUS	AESCULAPIUS
SELENE	LUNA	MOERAE	PARCAE fates
HERMES	MERCURY	HADES	PLUTO
ARES	MARS	PERSEPHONE	PROSPERINA
HEPHAESTUS	VULCAN	ERINNYES	FRIAE furies
APHRODITE	VENUS	HERACLES	HERCULES

NO INCOMPATIBLE TENDENCIES CAN EVER WIN

“Just how far from reality today's right-versus-left debates has strayed can be illustrated in a quick example: among those things that the new lessons from nature reveal is a love of contradiction—an ecological mandate for balancing paradoxical tendencies one against the other—so that cooperation and competition, community and individual, top-down and bottom-up, stability and change, are not either/or choices, but instead are closely linked elements in a larger mix. In that mix neither of these incompatible tendencies ever wins. What's more important, neither is meant to. Nurturing a dynamic tension between them is one of the keys to life's vitality. As that lesson filters into culture it may bring a measure of humility to rigid ideologues of every stripe. Given human nature, we can only hope.”

From PULSE by ROBERT FRENAY p xxiv

Is Frenay telling us that Zarathustra's dyadic model of the world, Ahura Mazda vs Ahriman, is really the correct model of the natural order? When we stopped believing that gods ruled the world, we nonetheless decided to retain their good vs evil model. Protagoras, “man is the measure of all things”, held that now that humans have replaced the gods, then it's we good guys against them bad guys. We tend to explain all that happens in the world with various metaphorical versions of this cowboy model.

No, I think what Frenay is trying to say is that Hegel's contraries, thesis and antithesis, are not to be resolved, i.e. “synthesized”, without bringing in other items from the “larger mix”. And we must add that before there can be synthesis both the thesis and the antithesis must each be fragmented. Since there is no such thing as one of the contraries winning, synthesis must involve the search for all alternatives and the integration of as many these alternatives as possible. Success in effecting such an integration will be the new definition of “win”.

- A WILSON

THE CURRENT CULTURE

—Updated version

We are the ones, the Chosen few,
The rest of you are damned.
There's plenty of room in Hell for you
We don't want Heaven crammed.

—Religious version

We are the ones who stole the wealth
And get bonuses on demand
There's plenty of room in ghettos for you
We don't want country clubs crammed.

—Financial version

We are the ones who make the rules
The rest of you be damned
We judge what you obey, what we ignore

The fine print and loop holes have been well planned

—Legal version

WE ARE THE ONES WHO DECIDE WHAT YOU BUY
THE DESIGN, THE COLOR, AND BRAND
WE MARKET AND MARKET AND SPIN YOUR HEAD
UNTIL OUR SUPPLY BECOMES YOUR DEMAND

—Corporate version

**We are the ones who decide what's true
Based on equations we don't understand
The results of experiments that now and then work
From scientific fact will never be banned**

—Science version

**WE ARE THE ONES WHO HAVE THE NUKES
WORLD PEACE IS ONLY A SHAM
WE'RE NOT AFRAID OF ANY OF YOU
ALL OPTIONS ARE UNDER OUR COMMAND**

—Pentagon version

**WE ARE THE ONES WHO THROW THE BOMBS
THE REST OF YOU BE DAMNED
YOU'LL NEVER KNOW WHEN OR WHERE
OUR NEXT STRIKE IS GOING TO LAND**

—Terrorist version

*We are the ones, the rest of us
Who always lend a hand
Who work, who save, who pray and share
But what trickles down is only sand.*

—Losers version

HAIKU.WPD

A HAIKU is a seventeen syllable poem. It consists of three lines: the first line of five syllables, the second line of seven syllables, and the third line of five syllables.

UNIVERSAL LAWS
IN SPITE OF WHAT THEY MAY CLAIM
ARE SPECIAL CASES

MASS BENDS SPACE AND TIME
IN TURN, TIME TELLS MASS TO MOVE
AND SPACE TELLS MASS WHERE

GOD MADE INTEGERS
ALL OTHER MATHEMATICS
HIV WAS SELF ORGANIZED

SIR ISAAC NEWTON
STOOD ON THE SHOULDERS OF GIANTS
ACROPHOBIA

THE MATH OF NUMBERS
WED THE MATH OF MEASUREMENTS
CIVILIZATION

NIETZSCHE'S GOD IS DEAD
SCHOPENHAUER'S IS ASLEEP
KIERKEGAARD'S CREATES

LOGIC NOTIONS OF
BOTH WITTGENSTEIN AND POPPER
ARE NOW IMPROPER

UNIVERSAL LAWS
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NIETZSCHE'S GOD IS DEAD
SCHOPENHAUER'S IS ASLEEP
KIERKEGAARD'S CREATES

^{AL PERCENT}
THE LOGIC NOTIONS OF
BOTH WITTGENSTEIN AND POPPER
OF ARE NOW IMPROPER

HIROSHIGI PAINT
TOKAIDO ROAD FIFTY THREE
HOKUSAI GREAT WAVE

A BAKTUN BACK SOON
NEXT, TERMINATING THIRTEEN
FORTUNE TELLERS' BOON

THIS CODCOO HAIKU
WE SEND TO ^{semantic} POETRY ZOO
BEFORE YOU CAN SUE

NO CUE UKIAH
WON PALINDROMIC FAME FROM
UKIAHAIKU

A tidbit of bits
can, when properly ordered
change everything

HAIKU OF LI KIANG
ALL WRITTEN BEFORE BIG BANG
~~NOW SANG BY STREET GANG~~
INSPIRE NOW

Earth's miles and death's gates
Powerless to ^{penetrate} ~~separate~~
True loves and Soul Mates

Earth's miles and Death's gates
can never prevail against
The bonds of Soul Mates

BONDS BETWEEN SOUL MATES
HAIKU SHALL ^{always} PREVAIL OVER
EARTH'S MILES AND DEATH'S GATES

UNIVERSAL LAWS
IN SPITE OF WHAT THEY MAY CLAIM
ARE SPECIAL CASES

MASS BENDS SPACE AND TIME
IN TURN, TIME TELLS MASS TO MOVE
AND SPACE TELLS MASS WHERE

GOD MADE INTEGERS
ALL OTHER MATHEMATICS
~~THEN~~ ~~WAS~~ SELF ORGANIZED

SIR ISAAC NEWTON
STOOD ON THE SHOULDERS OF GIANTS
ACROPHOBIA *NEW WELT AN SCHNITT*

THE MATH OF NUMBERS
WED THE MATH OF MEASUREMENTS
CIVILIZATION

NIETZSCHE'S GOD IS DEAD
SCHOPENHAUER'S IS ASLEEP ~~SELL~~ *DEBATES WITH*
KIERKEGAARD'S CREATES *DEBATES* *SEEKS DEBITES*

AL SCHEMES
THE LOGIC NOTIONS ~~OF~~
~~OF BOTH~~ WITTGENSTEIN AND POPPER
ARE NOW IMPROPER

→ *ATOM and ACHETYPE*
WOLFGANG PAULI MET CARL JUNG
SYNCHRONICITY
→

TODAY WE HAVE SHOTS
FOR ALL MALADIES BUT ONE
BZONEPITUDIA

GIANTS OF DEDUCTION
ARISTOTLE AND GEDRGE BOOLE
~~WILL~~ SHERLOCK HOLMES
SUNK BY

KRASNIK: 75th ANNIVERSARY

Today we find ourselves enveloped in change. Change taking place on many levels: political change, cultural change, technological change, climate change, cognitive change, and even ontological change. These changes are all interlocked and the various directions they are taking make valid predictions impossible. Every certitude has been put on death row. Traditions, precedents, customs, habits, even archetypes await the lethal injection. We sense that these unprecedented changes lie beyond both evolution and revolution. In response, some of us are intently struggling to halt change and preserve the status quo; others are trying to guide and control change, or at least to modify it; and there are some who feel the problems coming with change would be solved when we find someone to blame for them: and there are those who welcome the changes and celebrate the coming of "an apocalyptic end of time"; but most of us just try to figure out what the hell is going on then give up

On the other hand, there is a fringe group who are buying tickets for seats in a grandstand so they can observe the show and not be part of it. What they don't realize is that the grandstand itself is now part of the playing field and the game is all inclusive. No matter where you are or where you go, detachment is not possible. We are all entangled. Yet, we like to think that there is some alternate universe of refuge, where we can by not participating, remain changeless in some protective cocoon.

But no questioner will be able to receive an answer to his question. Questions, answers, and questioners themselves will all be changed. There will be a new mind, a new thinker, and new thoughts. There will be a new morality, new principles, new values, new rules, and all will be mutable.

In short, a New Brahma with a new Theme is taking over for the next 10^{xx} years.

TIME TABLE: $T=T(G,M,L,\hbar,c)$
 $[T] = 1$

ML	0	0.5	+1	1.5	+2	+2.5	+3
+3	G^2M^3/hc^4		$\sqrt{G^3M^6L^2/h^3c^5}$		GM^3L^2/h^2c		$\sqrt{GM^6L^6c/h^5}$
+2.5		$\sqrt{G^3M^5L/h^2c^6}$		$\sqrt{G^2M^3L^3/h^3c^3}$		$\sqrt{GM^5L^5/h^4}$	
+2	$\sqrt{G^3M^4/hc^7}$		GM^2L/hc^2		$\sqrt{GM^4L^4/h^3c}$		M^2L^3c/h^2
+1.5		$\sqrt{G^2M^3L/hc^5}$		$\sqrt{GM^3L^3/h^2c^2}$		$\sqrt{M^3L^5c/h^3}$	
+1	GM/c^3		$\sqrt{GM^2L^2/hc^3}$		ML^2/h		$\sqrt{M^2L^6c^3/Gh^3}$
+1/2		$\sqrt{GML/c^4}$		$\sqrt{ML^3/hc}$		$\sqrt{ML^5c^2/Gh^2}$	
0	$\sqrt{Gh/c^5}$		L/c		$\sqrt{L^4c/Gh}$		L^3c^2/Gh
-1/2		$\sqrt{Lh/Mc^3}$		$\sqrt{L^3/GM}$		$\sqrt{L^5c^3/G^2Mh}$	
-1	h/Mc^2		$\sqrt{L^2h/GM^2c}$		L^2c/GM		$\sqrt{L^6c^5/G^3M^2h}$
-3/2		$\sqrt{Lh^2/GM^3c^2}$		$\sqrt{L^3hc/G^2M^3}$		$\sqrt{L^5c^4/G^3M^3}$	
-2	$\sqrt{h^3/GM^4c^3}$		Lh/GM^2		$\sqrt{L^4hc^3/G^3M^4}$		L^3c^3/G^2M^2
-5/2		$\sqrt{Lh^3/G^2M^5c}$		$\sqrt{L^3h^2c^2/G^3M^5}$		$\sqrt{L^5hc^5/G^4M^5}$	
-3	h^2/GM^3c		$\sqrt{L^2h^3c/G^3M^6}$		L^2hc^2/G^2M^3		$\sqrt{L^6hc^7/G^5M^6}$

Notation: In the above table h is used for \hbar , the Planck constant / 2π .

$\sqrt{\quad}$ is for entire expression

TIME TABLE: $T=T(G,M,L,\hbar,c)$
 $[T] = 1$

ML	-3	-2.5	-2	-1.5	-1	-0.5	0
+3	$\sqrt{G^7 M^6 \hbar / L^6 c^{17}}$		$G^3 M^3 / L^2 c^7$		$\sqrt{G^5 M^6 / L^2 \hbar c^{11}}$		$G^2 M^3 / \hbar c^4$
+2.5		$\sqrt{G^6 M^5 \hbar / L^5 c^{15}}$		$\sqrt{G^5 M^5 / L^3 c^{12}}$		$\sqrt{G^4 M^5 / L \hbar c^9}$	
+2	$G^3 M^2 \hbar / L^3 c^8$		$\sqrt{G^5 M^4 \hbar / L^4 c^{13}}$		$G^2 M^2 / L c^5$		$\sqrt{G^3 M^4 / \hbar c^7}$
+1.5		$\sqrt{G^5 M^3 \hbar^2 / L^5 c^{14}}$		$\sqrt{G^4 M^3 \hbar / L^3 c^{11}}$		$\sqrt{G^3 M^3 / L c^8}$	
+1	$\sqrt{G^5 M^2 \hbar^3 / L^6 c^{15}}$		$G^2 M \hbar / L^2 c^6$		$\sqrt{G^3 M^2 \hbar / L^2 c^9}$		GM / c^3
+1/2		$\sqrt{G^4 M \hbar^3 / L^5 c^{13}}$		$\sqrt{G^3 M \hbar^2 / L^3 c^{10}}$		$\sqrt{G^2 M \hbar / L c^7}$	
0	$G^2 \hbar^2 / L^3 c^7$		$\sqrt{G^3 \hbar^3 / L^4 c^{11}}$		$G \hbar / L c^4$		$\sqrt{G \hbar / c^5}$
-1/2		$\sqrt{G^3 \hbar^4 / M L^5 c^{12}}$		$\sqrt{G^2 \hbar^3 / M L^3 c^9}$		$\sqrt{G \hbar^2 / M L c^6}$	
-1	$\sqrt{G^3 \hbar^5 / M^2 L^6 c^{13}}$		$G \hbar^2 / M L^2 c^5$		$\sqrt{G \hbar^3 / M^2 L^2 c^7}$		$\hbar / M c^2$
-3/2		$\sqrt{G^2 \hbar^5 / M^3 L^5 c^{11}}$		$\sqrt{G \hbar^4 / M^3 L^3 c^8}$		$\sqrt{\hbar^3 / M^3 L c^5}$	
-2	$G \hbar^3 / M^2 L^3 c^6$		$\sqrt{G \hbar^5 / M^4 L^4 c^9}$		$\hbar^2 / M^2 L c^3$		$\sqrt{\hbar^3 / G M^4 c^3}$
-5/2		$\sqrt{G \hbar^6 / M^5 L^5 c^{10}}$		$\sqrt{\hbar^5 / M^5 L^3 c^7}$		$\sqrt{\hbar^4 / G M^5 L c^4}$	
-3	$\sqrt{G \hbar^7 / M^6 L^6 c^{11}}$		$\hbar^3 / M^3 L^2 c^4$		$\sqrt{\hbar^5 / G M^6 L^2 c^5}$		$\hbar^2 / G M^3 c$

Notation: In the above table \hbar is used for \hbar , the Planck constant / 2π .
 $\sqrt{\quad}$ is for entire expression

This is about an encounter with an alien

A billowy white surface crisscrossed with purple lines and curves whether like a sheet or the surface of some solid or higher dimensional object I could not tell The intricate patterns of curved lines kept moving and changing.

Later additional colors came red and blue lines and curves were added to the pattern

^{What} whenever this alien entity was, ~~suppose~~ it's patterns and billows constantly changed. ~~Actually~~ there were two kinds of change I thought it is trying to communicate with me sending me a message but it was impossible to tell the message from the messenger

I certainly had no codebook. ~~Was the Belleau~~ ^{He} alien, the messenger the pattern the message or rehearse or some mix my next thought is there anything that repetitive in what is going on are there sequences of patterns billows or both that repeat but it was too complex I could not ~~deep~~ tech repetition then are there any settlement sureties or regularities in the pattern in the colors of the lines but it was far too complex I could not tell then I tried to communicate with the entity by speaking by thinking certain thoughts and projecting them projecting friendship compassion non-of the patterns changed it in high word total aliens may be a waste Daisy and communication or proximity or InTouch long enough we would be able to begin to recognize something in each other something common to both of us we could at least begin to have a feeling of familiarity even if there was no understanding the visit of the alien talk me something about me if not about it at parallels between the experience and that of human experience in getting touch with the earth are similar

was there a common PE space

DRAGON
uncorrected

SOME DEFINITIONS:

SPACE:

A space is a numerical infrastructure (or container) used to assign positions and show relations between measured quantities. . The most conventional spaces are Cartesian spaces whose coordinates are 2, 3, or more linear orthogonal parameters.

DIMENSION:

A dimension is a parameter, either continuous or discrete, that can be used as a coordinate in a Cartesian space. The usual notion of dimension is that of the physicist in which the parameters used to describe the physical world are the dimensions Mass, Length, and Time. A space using M, L, and T as coordinates is called a dimensional space.

DIMENSIONALITY:

A dimensionality is a function of the dimensions M, L, and T. For example, Energy = ML^2/T^2 . Velocity = L/T , Force = ML/T^2 , Action = ML^2/T , etc. Dimensionalities are dimensional vectors with measurements.

It is currently assumed that in the M, L, T dimensional space the coordinates are linear and orthogonal. However general relativity has shown that if $M=0$, then $L-T=0$. Thus mass and space interact, hence either orthogonality or linearity or both are out. Relativity says mass curves space-time, so linearity is out, but it may be that non-orthogonality is also involved. The basic problem remains: what is the real relation between mass and space-time?

Or "Why is there something instead of nothing ?

FUNDAMENTAL CONSTANTS:

Physicists have found that three dimensionalities have certain values that can be generally constant. These are $L^3/MT^2 = G$, $ML^2/T = \hbar$, and $L/T = c$
Why are these dimensionalities special?

Subj: Re: Science Buzz Cafe - Daniel O. A request for a few sentences Ransom ...
 Date: 12/4/2009 9:00:11 P.M. Pacific Standard Time
 From: AIW1871
 To: oak@pon.net

Here are some biased observations of Ransom's talk.
 If any parts are of use for your Review I shall be gratified, but I want no credits for my opinions.

Ransom Stephens lecture, "Emmy Noether and the Fabric of Reality", developed in an interesting manner the interplay of the two components of the title. The lecture was part biography and part an overview of 20th century physics. In the first part, Stephens gave us the story of a remarkable woman whose persistence in making an intellectual contribution in a patriarchal culture that had no place for women outside of "Kuchen, Kinder, und Kirche" ("kitchen, children, and church) led to a revolution in physics. But beyond her courage and persistence was a novel way thinking. She juxtaposed hitherto unrelated concepts, such as symmetry and conservation, and mathematically proved their interconnections. She gave physics a new injection of geometry and produced relations between matter and space-time that became the basis of Einstein's General Relativity. Although the bulk of her work was in pure mathematics she played a basic but unheralded role in the creation of 20th century physics.

The second part of Stevens lecture, "the fabric of reality", deftly outlined the physicists' tools and results from the micro of particle physics to the macro of the big bang. He "explained" physical results using a "machine" that had a tube for inputs, a crank to turn for doing the mathematics and another tube for outputs. This was amusing but the message it conveyed was that one really needs to see the math to understand the results. The final part of the fabric was that the standard model is defective and hopes on rescuing it depend on lassoing the Higgs particle with either the fermi or CERN accelerator.

Emma Noether breathed life into a science that was locked into an outmoded paradigm. Now if the last gasp for finding Higgs fails, we shall need another Emmy to give birth to a new paradigm.

NAME	SYMBOL	SI UNIT	DIMENSION	PLANCK		
ENERGY	E	JOULES	$M L^2 T^{-2}$	$\sqrt{(hc^5/G)}$	$Q \cdot V$	$I^2 \cdot \Omega$
POWER	W	WATTS	$M L^2 T^{-3}$	c^5/G	$I \cdot V$	V^2 / Ω
FORCE	F	NEWTONS	$M L T^{-2}$	c^4/G	V^2	
CHARGE	Q	COULOMBS	$T^{-1} L \sqrt{ML}$	$\sqrt{(hc)}$	$C \cdot V$	$I \cdot T$
CURRENT	I	AMPERES	$T^{-2} L \sqrt{ML}$	c^3/\sqrt{G}	Q / T	
POTENIAL	V	VOLTS	$T^{-1} \sqrt{ML}$	c^2/\sqrt{G}	Q / L	$I \cdot \Omega^*$
RESISTANCE	Ω	OHMS	T/L	$1/c$	V / I	
CAPACITANCE	C	FARADS	L	$\sqrt{(Gh/c^3)}$	Q / V	
INDUCTANCE						

* OHMS'S LAW

SCRAPS

2010

IN MEMORIAM

JEROME DAVID SALINGER
JANUARY 1, 1919 JANUARY 27, 2010

HOWARD ZINN
AUGUST 24, 1922 JANUARY 27, 2010

ROGER MOORE CROSBY II
DECEMBER 20, 1928 MARCH 28, 2010

MARTIN GARDNER
OCTOBER 21, 1914 MAY 22, 2010

MILFORD HALL DAVIS
AUGUST 20, 1925 JULY 31, 2010

ALLAN REX SANDAGE
JUNE 18, 1926 SEPTEMBER 13, 2010

IN MEMORIAM

ANDREW LANGE

JULY 23, 1957

JANUARY 23, 2010

JEROME DAVID SALINGER

JANUARY 1, 1919

JANUARY 27, 2010

HOWARD ZINN

AUGUST 24, 1922

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MARTIN GARDNER

OCTOBER 21, 1914

MAY 22, 2010

MILFORD HALL DAVIS

AUGUST 20, 1925

JULY 31, 2010

January 30, 2010

“There is a marvelous peace in not publishing. Publishing is a terrible invasion of my privacy.
I like to write. I love to write. But I write for myself and my own pleasure”

—J. D. Salinger (1965)

EVERYTHING IS:

EVERYTHING IS A SPECIAL CASE
-LI KIANG ()

EVERYTHING IS A FRONT
-BILL DAVIS

EVERYTHING IS A RORSCHACH TEST
-SHA TZU

EVERYTHING IS A METAPHOR FOR EVERYTHING ELSE
-ZHANG RONG (492 - 497)

The August 12th lecture by physicist, Ransom Stephens, served to update many of our anachronistic world views. While the ancients held the world to consist of three domains, known as Heaven(abode of gods), Earth(abode of mortals), and Hell(abode of daemons); physicists now know that the three domains are properly designated: the Micro (abode of particle physcists), the Messo (abode of geophysicists), and the Macro (abode of astrophysicists).

The particle physicists have created a STANDARD MODEL which allows them to explain not only everything in their own domain but also what exists in the upper domains. [This is called reductionism]. However, as with ancient theologians, there is one name never to be spoken aloud. In the case of particle physicists, this word is "gravity".

Further updating informed us that the apocalyptic number is no longer 666, but has become 137. In fact, a power series based on the reciprocal of this number, (the fine structure constant), converges to the number, +3. (This result gives confirmation to the basic structures of both theology and physics).

Lastly, in the most revolutionary update, the theologians' traditional infallibility has been replaced with a set of certainties paradoxically based on Heisenberg's Uncertainty Principle. Both Aristotle's law of the excluded middle and Popper's principle of falsification are now excluded from physicists' thinking. The Heisenberg's Uncertainty Principle has rendered all measurements "murky" and all facts "fuzzy". No hypothesis or concept is any longer true or false. Propositions can now only possess a less than one probability of validity. This development has resulted in the perspectives that not only is there no such thing as truth, but also that there must be many things we call "reality".

We conclude that the so-called "war" between science and religion is not due to irreconcilable differences, but to irreconcilable similarities.

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Lastly, the most revolutionary update involved the overthrow of both Aristotle's law of the excluded middle and Popper's principle of falsification: Heisenberg's Uncertainty Principle has rendered all measurements "murky". No hypothesis or concept is any longer true or false. Propositions can now only possess a less than one probability of being valid. This has resulted in a new approach to what we have been calling reality, and to a new definition of the dichotomy: real vs. virtual.

For further details: read Ransom Stephens' THE GOD PATENT

SCRAPS 2011

FUNDAMENTAL KNOWLEDGE IN NUMERICAL ORDER

(TO REPLACE TRADITIONAL DISCIPLINES)

ZERO

THE ADDITION-SUBTRACTION IDENTITY

ONE

THE MULTIPLICATION/DIVISION IDENTITY

NAMES OF KINGS AND QUEENS OF ENGLAND HAVING NO SECONDS

TWO

THE TWO SIDES OF A SHIP

THE TWO SIDES OF A CHURCH

THE TWO MAJOR BRANCHES OF ISLAM

PRESIDENTS OF THE UNITED STATES WITH THE SAME LAST NAME (5 pairs)

NAMES OF KINGS AND QUEENS OF ENGLAND HAVING NO THIRDS

RECEIVERS OF TWO NOBEL PRIZES

THE TWO MOONS OF MARS

THE TWO TYPES OF MATTER

KEPLER'S TWO POLYHEDRA

THREE

THE THREE STOOGES

SCROOGE'S THREE GHOSTS

THE THREE MUSKETEERS

THE THREE WISE MEN

THE FIRST TRIUMVIRATE

THE SECOND TRIUMVIRATE

THE THREE BRANCHES OF U.S. GOVERNMENT

THE THREE KINGS RICHARD OF ENGLAND

LORD NELSON'S THREE GREAT VICTORIES

THE TRINITY

THE HINDU TRINITY

THE THREE TEMPTATIONS OF JESUS

THE THREE TEMPTATIONS OF GUATAMA

THE THREE FUNDAMENTAL CONSTANTS

KEPLER'S THREE LAWS

NEWTON'S THREE LAWS

THE TRIVIMUM

THE FOLLOWING INFORMATION WAS OBTAINED FROM THE
RECORDS OF THE BUREAU OF LAND MANAGEMENT

ON APRIL 15, 1964

AT THE BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

AND THE FOLLOWING INFORMATION WAS OBTAINED FROM THE
RECORDS OF THE BUREAU OF LAND MANAGEMENT
ON APRIL 15, 1964
AT THE BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.
ON APRIL 15, 1964
AT THE BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.
ON APRIL 15, 1964
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WASHINGTON, D. C.

FOUR

THE FOUR MARX BROTHERS
THE FOUR BEATLES
THE GANG OF FOUR
THE FOUR HORSEMEN OF THE APOCALYPSE
THE FOUR ARCHANGELS
THE FOUR GOSPELS
THE FOUR SEASONS
THE FOUR WINDS
THE FOUR ELEMENTS
THE FOUR HUMORS
HESIOD'S FOUR AGES OF MAN
ARISTOTLE'S FOUR CAUSES
BACON'S FOUR IDOLS
THE FOUR NOBLE TRUTHS
THE FOUR HINDU CASTES
THE FOUR YUGAS
THE FOUR ESTATES
THE FOUR FREEDOMS
THE FOUR MT. RUSHMORE PRESIDENTS
THE FOUR KINGS WILLIAM OF ENGLAND
THE FOUR TYPES OF WARFARE
THE FOUR HORSE PACES
THE FOUR PSYCHOLOGICAL TYPES
THE FOUR FOOD GROUPS
THE FOUR EONS OF GEOLOGICAL TIME
THE FOUR NUCLEOTIDES
THE FOUR FORCES
THE FOUR COLOR THEOREM
FOUR VALUED LOGICS
THE FOUR MODES OF MULTIPLEXING
THE QUADRIVIVIUM

UNIFORM
DINOC
FRACTAL
RANDOM

4 CONVEX VENN DIAGRAMS

WOLFRAM'S 4 CELLULAR
AUTOMATA

Soluble algebraic equation

FIVE

THE RAT PACK
THE FIVE GREAT LAKES
THE FIVE STAR GENERALS AND ADMIRALS
THE FIVE EXTINCTIONS
PLATO'S FIVE POLYHEDRA
THE FIVE SENSES
THE FIVE TATHAGATAS

THE PENTAGON

SIX

THE SIX MAJOR PROPHETS
THE SIX MINOR PROPHETS
THE SIX NATIONS OF THE IRIQUOI CONFEDERATION
THE SIX KINGS GEORGE OF ENGLAND
THE SIX WIVES OF KING HENRY VIII

SEVEN

THE SEVEN DWARVES
THE SEVEN SAMURAI
THE SEVEN ORIGINAL ASTRONAUTS
THE SEVEN DAYS OF THE WEEK
THE SEVEN COLORS OF THE RAINBOW
THE SEVEN CONTINENTS
THE SEVEN SEAS
THE SEVEN WONDERS OF THE ANCIENT WORLD
THE SEVEN HILLS OF ROME
THE SEVEN DEADLY SINS
THE SEVEN SACRAMENTS
THE SEVEN CHAKRAS

EIGHT

THE EIGHT PLANETS
THE EIGHT KINGS HENRY OF ENGLAND
THE EIGHT KINGS EDWARD OF ENGLAND
THE EIGHT IMMORTALS OF CHINA
THE BUDDHA'S EIGHT FOLD PATH
THE PARTICLE PHYSICIST'S EIGHT FOLD WAY

NINE

THE NINE REINDEER
THE NINE MUSES
THE NINE MEMBERS OF THE U.S. SUPREME COURT
THE NINE ORDERS OF ANGELS
THE NINE JUDGES OF THE UNDERWORLD
DANTE'S NINE CIRCLES OF HELL
THE NINE EPOCHS OF GEOLOGICAL TIME
THE NINE INTERROGATIVE PRONOUNS

TEN

THE TEN COMMANDMENTS
THE FIRST TEN AMENDMENTS (THE BILL OF RIGHTS)
KUKAI'S TEN LEVELS OF ENLIGHTENMENT
THE TEN TYPES OF STELLAR SPECTRA
THE TEN MESONS

ELEVEN

THE ELEVEN ERAS OF GEOLOGICAL TIME
THE ELEVEN PERIODS OF GEOLOGICAL TIME
APOLLO 11

TWELVE

THE TWELVE MONTHS
THE TWELVE FULL MOONS
THE TWELVE DAYS OF CHRISTMAS
THE TWELVE SIGNS OF THE ZODIAC
THE TWELVE CHINESE YEARS
THE TWELVE OLYMPIANS
THE TWELVE LABORS OF HERCULES
THE TWELVE TRIBES OF ISRAEL
THE TWELVE APOSTLES
THE TWELVE MUSICAL KEYS
THE TWELVE LEPTONS

THIRTEEN

THE THIRTEEN COLONIES
ARCHIMEDES' THIRTEEN POLYHEDRA
THE THIRTEEN SIGNS OF THE ZODIAC
THE THIRTEEN BARYONS
THE THIRTEEN GUAGE BOSONS

FOURTEEN

THE FOURTEEN ACHTTAUSENDER PEAKS
THE FOURTEEN STATIONS OF THE CROSS

Jubilee 50 years

THIRTY SIX

THE THIRTY SIX QUARKS

54 Beads in a rosary

FIFTY THREE

THE FIFTY THREE STAGES OF THE TOKAIDO

THE COFFEE CATZ WEEKLY SCHEDULE

MONDAY

Dialogue between those who assert the improbable is inevitable
and those who believe the inevitable is improbable.

TUESDAY (at Larry's)

Verbalizing the ineffable.

WEDNESDAY (at Earl's)

Conversion of the latest scientific findings and discoveries into dogmas.

THURSDAY

Invited evening lectures on various subjects and topics
but all illustrating how to preempt preemptors.

FRIDAY

Full house discussions on the absurdity of the profound
and the profundity of the absurd.

SATURDAY

Explanations on how things work
and excuses on why they don't work

SUNDAY

Day for alternate semiotics.

INTERROGATIVE PRONOUNS

ENGLISH	WHAT	HOW	WHO	WHY	WHERE	WHEN	WHICH
GERMAN	WAS	WIE	WER	WARUM	WO	WENN	WELCHER
FRENCH	QUE	COMMENT	QUI	POUQUOI	OU	QUAND	LEQUEL
ITALIAN	CHE	COME	CHI	PERCHE	DOVE	QUANDO	QUALE
SPANISH	QUE	COMO	QUIEN	PORQUE	DONDE	CUANDO	
RUSSIAN	ЧТО	КАК	КТО	ПОЧЕМУ	ГДЕ	КОГДА	
JAPANESE	NANI	DO	DARE	DOSHITE	DOKO	ITSU	
CHINESE	SHENME	ZENME	SHEI	WEI SHENME	NAR	SHENME SHIKOU	

In addition, two Old English interrogative pronouns: WHENCE and WHITHER.

A CONSISTENT VALUE FOR NEWTON'S CONSTANT: G

Several basic physical quantities have been determined to accuracies better than eight places, but Newton's gravitational constant, G , has yet to be determined with certainty to more than four places. This in turn has limited the accuracy of other constants involving G , such as the Planck mass, $m_o = \sqrt{(\hbar c/G)}$ and the Planck length, $l_o = \sqrt{(G\hbar/c^3)}$. Herewith is presented a "consistency assumption" for determining G , m_o , l_o , etc to more significant places:

The present values of relevant constants are taken from [Physics Today 2002 pp BG6 – BG13]
The $\log_{10}(\text{cgs})$ values of the constants are given in TABLE I

TABLE I		
fine structure constant	$\alpha =$	-2.136 834 673 [0]
proton mass	$m_p =$	-23.776 602 304 [M]
electron mass	$m_e =$	-27.040 511 092 [M]
proton/electron mass ratio	$\mu =$	3.263 908 788 [0]
electron radius	$r_e =$	-12.550 068 214 [L]
velocity of light	$c =$	10.476 820 703 [L/T]
Planck's constant and	$h =$	-26.976 923 930 [ML ² /T]
Newton's constant	$G =$	-7.175 7 [L ³ /MT ²]
Planck mass	$m_o =$	-4.662 2 [M]
Planck length	$l_o =$	-32.791 6 [L]

Using the values from TABLE I,

$$m_p r_e / m_o l_o = 1.127 1 \quad [0] \quad m_o / m_p = 19.114 4 \quad [0]$$

$$\alpha \mu = 1.127 074 115 \quad [0] \quad r_e / l_o = 20.241 5 \quad [0]$$

The equality between the first five places of $m_p r_e / m_o l_o$ and $\alpha \mu$ suggests that the quantities are possibly equal, and that the other ratios may also be functions of α and μ .

Calculating powers of α and μ , we find that $\alpha^{-12} \mu^{-2} = 19.114 198 500$

Comparing and assuming $m_o / m_p = 19.114 198 500$ and using the value of m_p from TABLE I, m_o becomes = -4.662 403 804 But $m_o = \sqrt{(\hbar c/G)}$, hence $G = \hbar c / m_o^2$

Using the values of h and c from TABLE I, G becomes = -7.175 295 619

Again calculating powers of α and μ , we find that $\alpha^{-11} \mu^{-1} = 20.241 272 615$

Similarly, assuming $r_e / l_o = 20.241 272 615$ and using the value of r_e from TABLE I, l_o becomes = -32.791 340 829, But $l_o = \sqrt{(G\hbar/c^3)}$, hence $G = c^3 l_o^2 / \hbar$,

Using the values of h and c from TABLE I, again G becomes = -7.175 295 619

Summarizing: The $\log_{10}(\text{cgs})$ values become:

Newton's constant	$G =$	-7.175 295 619 [L ³ /MT ²]
Planck mass	$m_o =$	-4.662 403 804 [M]
Planck length	$l_o =$	-32.791 340 829 [L]
Planck time	$t_o = l_o / c =$	-43.268 161 532 [T]

Dirac's Number, the coulomb/gravity force ratio at the baryon level,

$$S = \hbar \alpha c / G m_p m_e = +39.355 471 115 [0]$$

Sputnik again orbited the earth on Thursday night, July 7, at SCIENCE BUZZ CAFÉ #xxx. It was launched by Robert Porter and kept in orbit by a NOVA rerun. But unlike the global news spread at the actual launch of Sputnik on October 4, 1957, the news accompanying this "relaunch" focused on the struggle between the three agendas that resulted in earth's first artificial satellite: Agenda #1 The development of ICBMs, Agenda #2 Safer ways of acquiring military intelligence, and Agenda #3 Extending scientific and engineering knowledge to enable humans to explore space and fly to the moon and stars. The relaunch news also named the principal characters who had roles in Sputnik history. Most important among these players were a weapons designer for the Wehrmacht and an American general who oversaw the defeat of the Wehrmacht: Wernher von Braun and Dwight Eisenhower.

Wernher von Braun was an engineering genius who solved many of the technical problems of liquid fuel rockets. He and his team at Peenemünde designed and built the V-2, the most advanced rocket of World War II, used mainly to terrify those in the British Isles. Nonetheless, von Braun's personal motives were centered on agenda #3, the conquest of space. He said "My job is to make the rockets go up. Where they come down is not my department." However, he went along with the use of slave labor taken from concentration camps to make the rockets. With the defeat of the Third Reich in the spring of 1945, von Braun surrendered to the Americans. He and part of his Peenemünde team were brought to America to work on rockets for the U.S. military. Other members of the team were taken by the Soviets and used for the same purpose.

Dwight David Eisenhower was the president of the United States from 1953 to 1961. His military experience had convinced him that one of the most important defensive weapons was good intelligence. Soviet planes had shot down American spy planes that had penetrated Soviet air space, a possible trigger for war. Eisenhower had the idea if we could get intelligence from above air space there would be less likelihood of sparking conflict. He felt that, like a nation's sovereignty over the seas was limited to a few miles off shore, a nation's sovereignty of the space overhead should be limited to air space. Above the atmosphere, like freedom of the seas, was to be freedom of space. The launch of Sputnik gave an opportunity to implement this policy. Eisenhower gave orders that Sputnik was to be ignored, not attacked. He felt if the first satellite had been American, and the Soviets had attacked it, the principal of freedom of space would be dead before born. But because the Soviets were first in space, Eisenhower's doctrine of freedom of space won.

When the "relaunch Sputnik" burned up in the atmosphere after one orbit, Robert Porter closed the meeting by reminding us of Eisenhower's views regarding Agenda #1:

"Every gun that is made, warship launched, every rocket fired, signifies in the final sense a theft from those who hunger and are not fed, from those who are cold and not clothed. This world in arms is not spending money alone. It is spending the sweat of its laborers, the genius of its scientists, the hope of its children. This is not at all a way of life in any true sense. Under the cloud of war, humanity is hanging on a cross of iron."

The alteration of meaning by the placing of a comma. An example:

Luke 23:43

THE VULGATE

Domine, memento mei cum veneris in regnum tuum..

43: :Et dixit illi Jerus: Amen dico tibi, hodie mecum eris in paradiso.

Luke 23:43

KING JAMES VERSION

Lord, remember me when thou comest into thy kingdom.

43: And Jesus said unto him: Verily, I say unto thee, today thou shalt be with me in paradise.

Luke 23:43

NEW WORLD TRANSLATION OF THE HOLY SCRIPTURES

Jesus, remember me when you get into your kingdom.

43: Truly I tell you today, You will be with me in paradise.

THE GOSPELS AND THE TAO TE CHING

FROM THE TAO

Keep behind, and you shall be put in front; keep out and you shall be kept in.

Goodness strives not, and therefore it is not rebuked.

He that humbles himself shall be preserved entire. He that bends shall be made straight.
He that is empty shall be filled. He that is weary shall be renewed. He who has little shall
succeed. He who has much shall go astray.

What man is there that can take of his own superabundance and give it to mankind? Only he
who possesses Tao.

FROM THE GOSPELS

Matthew 19:30 But many that are first shall be last; and the last shall be first.

Corinthians 13:4 Charity suffereth long and is kind

Matthew 5:5 Blessed are the meek: for they shall inherit the earth. 6 Blessed are they which
do hunger and thirst after righteousness: for they shall be filled. Blessed are the poor in spirit: for
theirs is the kingdom of heaven