

THE BRANDES LETTERS I



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THE BRANDES LETTERS

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An EARTHQUAKE in the
FOUNDATIONS of Mathematics

5-3-83
or maybe 6983 A.D.?

Dear Fry:

Today worked out a new-development of the triangulistic-prime-arithmetic that shatters into dust the entire-foundations of binary-arithmetic(shadowland-math). The frame of reference₁ of the ternary-prime-arithmetic is NOT the frame of reference₂ of the binary-arithmetic—the binary-arithmetic 'contained' as a special-case only. The ternary-prime-arithmetic appertains to action-gestalt 'forms'. The crucial distinction, rather all-important signification focuses on the difference between IDENTITY and IDENTITY-ACTION of the 'parts' within prime-gestalt-wholes. The binary-arithmetic brings out only the IDENTITY-properties of the self-same 'primes', whereas within gestalts of relatedness of prime-gestalt-wholes the ternary-arithmetic brings out the IDENTITY-ACTION of the self-same primes: that is, at the binary-level we have always $p = p$ (where p represents a prime) and at the ternary-level $p \neq p$, in other words $p =_I p(\text{identity})$ $p \neq_{I.A.} p(\text{identity-action})$ within action-gestalts via the REFERENCING-PROCESS METHOD, more so I.A. the Gaussian Number Theory falls apart completely, rather almost completely, within the frame of reference of the triangulistic-prime-arithmetic of action-gestalt 'forms'. An analogous way of seeing this, consider the algebraic-equation

$$(I) \quad y = x^2 : \text{then consider 'differentials' as in the calculus}$$

where we take the 1st derivative of (I), we then have

$$(II) \quad \frac{dy}{dx} = 2x, \text{ and obviously } y \neq \frac{dy}{dx} : \text{the frame of}$$

reference₁ of ordinary-algebra does not equal the frame of reference₂ of the calculus, or

$$F_1 \neq F_2.$$

Rather, we should have said, differential-algebraic-functions \neq non-differential-algebraic-functions, and the algebraic-symbols are different and have different meanings. The ordinary-algebra extended to incorporate both differential-algebraic-symbols and non-differential-algebraic-symbols.

In an analogous way for comparison I have gone beyond congruence number theory to ACTION-GESTALT number theory of the primes, the distinction between these two number theories are gulfs apart in concept. Much time has been spent on formulating algebraic-gestalt-symbols for the action-gestalt structures. As the saying goes, arithmetic is the queen of the sciences: algebra derived from arithmetic, and so if a new-arithmetic is created then correspondingly a new-algebra will evolve-out of the new-arithmetic and the new-algebraic-symbols will 'hang together' differently, etc.

GESTALT-ALGEBRAICS a new-frontier of 'math' ... period.

Now U see why the triangulistic-prime-arithmetic 'suggests' numerous new-concepts on FUSION-ENERGY processes indirectly via implication, but not entirely...

It has been quite an achievement to unshackle arithmetic from the binary-concepts from present-day shadowland-math. The universities still teach the 'cocoon-type' of binary-math as-if no other 'math' were possible.

Creativity sees no bounds, creativity throws aside ALL categorizations, for basic-creativity exist outside of the framework of categorizing, period.

Take a bar-magnet and sprinkle some iron-filings on a piece of white-paper lying over the magnet. U will observe that a magnetic-field exist and the magnetic-field flux-lines are made visible and that the magnetic-field exist in 1 frame of reference: changing the frame of reference of the magnetic-field implies that the magnetic-field can be moved from 1 frame of reference to another frame of reference existing in another DIMENSION, i.e. from 1 hyperplane-cell to a 2nd hyperplane-cell in another portion of hyperspace, and obviously the space-time coordinates will be different, period.

A magnetic-force-field preserves(invariant) molecular-integrity of any 'object' within it; that is, say of a spacecraft. A spacecraft without an encapsulating magnetic-force-field could not maintain its molecular-integrity and superlight-velocities would

I began the hyperspace-math research in 1955, then some vague 'hints' of what was to come, in the early '60's. Then spent 15 years on-and-off developing the visual-hyperspace-math. In fact, 1 close friend of mine helped via my 'feedbacks' to clarify many hyperspace-concepts. I spent hours and hours trying to explain to my close friend 'Wendel' that 'we' who have bodies of clay AND A SPIRIT CAN VISUALIZE THE 4th-DIMENSION 100%. How? My friend asked. My argument was, 'We can, with just 1 'clue', use the INNER-EYE AND INNER-SENSES WHEN MAKE OUTER-INNER-EYE GRAPHICS and said results should be 100% effective. Well! I was right using this kind of 'inference'. After a few years 'teaching' my friend Wendel the 'mysterious-world of the 4th-dimension, he finally make the 'quantum-jump' using his inner-eye and was able for the 1st-time to 'visualize' 4-space perceptics, though with some 'difficulty' at the 'time'. Now, I knew for sure that I was on the right-path, for if I could teach just 1 highly-intelligent-individual some visual-hyperspace-math, then not why a whole planet? I said yes, if and only if I could put it all down in writing, a gargantuan-task alone to say the least. So after 8 torturing months of 10-15 hours per day, I finally finished the H-manuscript--though a lot is still to be desired. I could write a large-volume alone on the H-math, but cost-of-printing would become prohibitive, and so settled for 'basics' only, that is, 132-pages of H-material with NEVER, but a hyperspace-engineer, yes." But knowing my wild-talents, I settled on being a hyperspace-mathematician instead.

The saying, "KNOW THYSELF", is true today as it ever was, meaning, IDENTIFY for any 'evolving' SOUL or ENTITY. My 'God of clay is dead', the new nameless one that I take for my new-belief is called ALL THAT IS. So be it!

I aim for the stars now. Perhaps soon, Von Braun's dream may come true. I still have his old-letter in a safe-deposit box.

Now I will open your inner-eyes some. Just for analogy only imagine the following:

1 3-space cell called Earth .

more so
(flatland-analogy)

C-restalt-patterns unrealized due to 3-space viewpoints....

2-valued logic, closed-systems, dualities, etc.

An Earth God of Clay, physical-image takes the 'form' of what the PROJECTIONIST THINKS, a 'God of clay'...how absurd?????



In a 4-space level-restaltung, U are OUTSIDE LOOKING IN... EXPANSIVE-VIEWPOINTS ARISE OUT OF NEW INNER-DIMENSIONS. The mental-space becomes enormously ACCELERATED—psi-time encompasses many x-realities such as probable-past, probable-futures

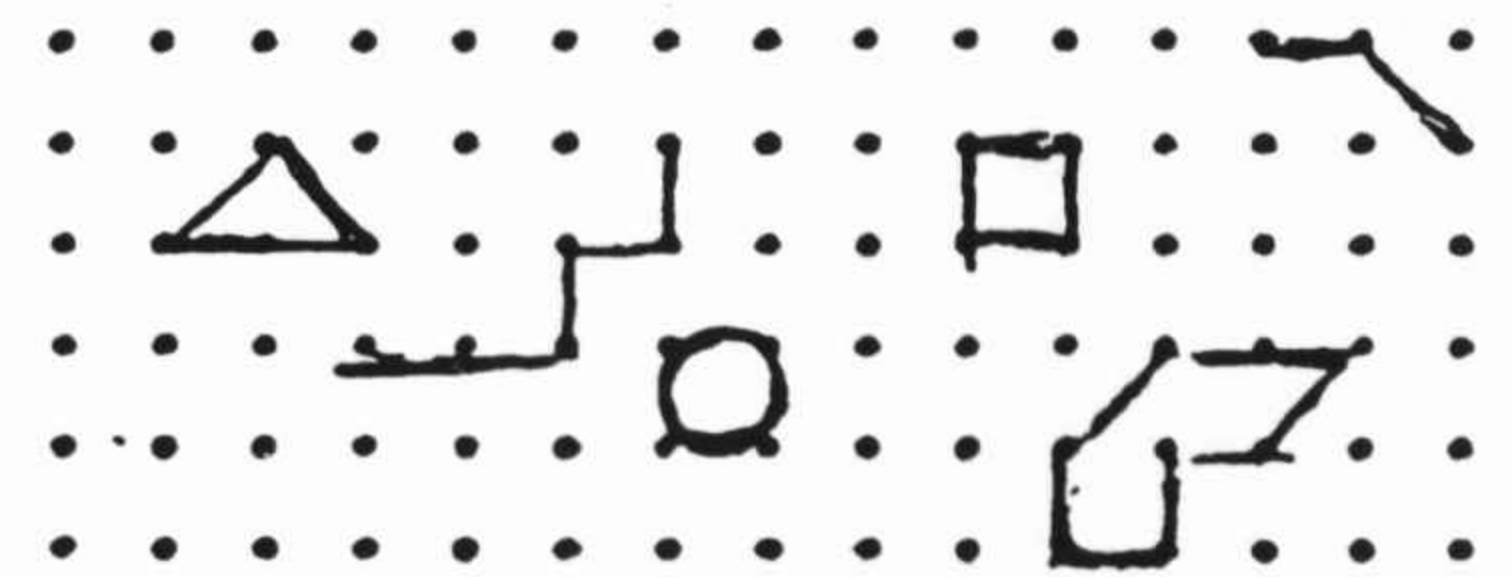
P.S. The above hyperspace-analogy is very crude, the emphasis, to stress a comparison between a 3-space viewpoint and a 4-space viewpoint (viewpoints as such).

P.S. When U get a free-copy of the H-book. I must warn U ahead of 'time'

To psionist, the H-book will be a 'life-saver' for many of their psi-viewpoints. The H-book will bring the end to the 'order' of the materialist-scientist once and for all, by this I mean, we 'exist' in an infinite-matter-spectrum of an infinite-number of DIMENSIONS, or simply, x-realities, not 1, but polyrealities of many dimensions.

those who seek 'quite-answers'. An invisible-door is now OPENED GEOMETRICALLY TO THE 4th-DIMENSION. Good Luck! 1001 hyperplanes of a simple hypercube, ha!

n 3-space cells of a galaxy (galactic



gestalt-patterns realized due to 4-space viewpoints... n-space viewpoints...

open-systems, n-valued logics, gradient-scales used, etc.

A Universe of ALL THAT IS... UNSPEAKABLE... What U see, U project into x-realities—power of the multidimensional-personality called 'soul' or entity.... draws its 'energy' from ALL THAT IS.

PART OF THE GLENN H. BATES
LETTER 6010 \$12.00
25 more sheets available
6 sheets for \$12.00



Sincerely Yours,
George L. Brandes

George L. Brandes

Scientists Make Amazing Discovery

**The Miracle Power
of the
Fourth Dimension**
by J. Allen Hewitt

*- H MATH BOOK
CONTAINS - - -*



Mystics and psychics have long believed in the power of the fourth dimension — the power to work miracles, travel through time, perform healings, attract wealth and success.

Now, research scientists at Brown University have made an amazing discovery that may bring respect to such "far out" ideas. Mathematical blueprints for the fourth dimension were fed into a special computer and, to the amazement of all, the computer revealed a dazzling figure of a 4-D Hypercube virtually identical in concept to an ancient occult symbol used by a 13th century Catalanian mystic and numerologist.

The swirling image of the Hypercube caused great excitement in the scientific community. A special presentation was made to the American Association for the Advancement of Science in Washington, D.C. and to the International Congress of Mathematicians in Helsinki, Finland. No one had ever "seen" the fourth dimension until this staggering breakthrough:

Mind Development, Inc., inspired by the work at Brown University, began specialized research into the mind expanding power of the Hypercube. The first step was to "clean up" the blurred, rotating image from the computer into a concise clarified version suitable for examining its mystical properties. The primary challenge was to

retain the effect of multi-levular motion within the Hypercube without the use of film, video tape or special effects. It took several months of experimentation, but the final result was an astonishing success. The secret was to use two overlapping images of the Hypercube color coded to the spectrum sensitivity of the rods and cones in the human eye.

Psychic Power Released

Did the symbol of the new clarified Hypercube itself hold the key to releasing the awesome power of the fourth dimension? That was the question that faced the research team at Mind Development, Inc. After consultation with clinical psychologists at the Human Awareness and Potential Institute, Mind Development, Inc. began a series of tests using galvanic skin response units and other indicators of altered brain wave activity. It was discovered that concentrating on the Hypercube, even for a few moments, induced altered states of consciousness — the same altered states of consciousness associated with psychic power, increased intuition, the ability to work miracles, even bend metal as demonstrated by Uri Geller.

Participants in Mind Development research have demonstrated their ability to perform psychic readings, mind projection, ESP and mental telepathy with aston-

ishing accuracy while using the Hypercube as a focal point.

Free Hypercubes

"We have reached a point in our Hypercube research where we are very anxious for the general public, especially those predisposed to psychic potential, to conduct their own experiments with our special Hypercube," stated a Mind Development, Inc. spokesman. "In fact, we will provide a free Hypercube to everyone who desires to participate with us in this project as a member of our ad-hoc research team."

To become a member of the Mind Development, Inc. ad-hoc research team, receive background information on the activities of Mind Development, Inc., a periodic newsletter, plus a free hypercube identical to the one used in laboratory research, simply send your name and address with a \$10.00 membership registration fee to:

Mind Development, Inc.
Suite 124
515 - 116th N.E.
Bellevue, Washington 98004

Note: A.G. Merklingar, founder and president of Mind Development, Inc., has been featured in Life Magazine, National Observer, Mademoiselle, Sports Illustrated, Denver Magazine, International Herald-Tribune, and on TV's David Frost Show.



Dear Fry:

The most astounding-breakthrough yet in the prime-arithmetic of the KWAN-YIN, the open-closure law not 'valid' in a certain sense, the 'labelling' has too much confusing in it, thus, after much deep-thought on the 'matter' I have come to this conclusion: the prime-arithmetic has ASYMPTOTIC-HARMONIC-GESTALT-CLOSURE-LAWS instead, or for short AHGC-laws of the prime-axioms...

The prime-arithmetic implies n-states of MATTER as probable-existences, particularly other x-planets, galaxies, etc. Remember anti-matter was discovered only recently. PSIONICS opens the invisible-door to other x-states of matter per se—unlimited-possibilities...

0

The prime-arithmetic implies a new-kind of 'geometry' beyond TOPOLOGY, what I call TPOLOGY (harmonic-geometry)—where relationships are manifested via harmonic-associations, NOT numerical-distances between neighboring-points, but harmonic-typologies of geometric-gestalts...

Thus, typology and Fourier-analysis leads to teleporter-mechanics—typology based on the prime-arithmetic of ternary-logic, and a 3-strand Fourier-analysis wave-harmonics. 1 strand of the Fourier-analysis pertains to 1 binary-logic—thus with the above, 3 'binaries' needed for a matter-teleporter. Also completely NOISELESS-frequency-channels via the prime-arithmetic 'coder'.

FOHAT



MATTER-TELEPORTER (Mechanics)



pyramid-
lasers

- (1) Kwan-Yin prime-arithmetic as harmonic-integrator;
- (2) pre-programmer with 3-strand (3-ply) Fourier-pulse wave-mechanics;
- (3) SYNERGETIC Double-assurance 'coder' and 'decoder' to eliminate harmonic transmission-reception 'errors'.

The self-generated programmer becomes the harmonic-integrator of Kwan-Yin, and the pre-programmer a 3-ply wave-mechanics.

The days of the binary-mathematicians ~~days~~ are numbered now with the astounding discovery of the triangulistic-arithmetic of Kwan-Yin—Kwan-Yin (prime-arithmetic), a typo-arithmetic of SANSKRIT-numbers and their harmonic-relationships, a billion times more powerful as a math-tool than the simple and crude binary-math of today.

Kwan-Yin, the galactic-math for starships of tomorrow... Kwan-Tin leads to a geometry of typology in hyperspace...

The geometry of the Great Pyramid is based on circular-relationships of 'geometry', NOT trigonometry, period. (Whamond's Steradian-geometry)

Kwan-Yin, a depth-arithmetic 'within'; binary-arithmetic merely a surface-arithmetic 'without'. Using analogy: binary-arithmetic 1-dimensional linear-thinking-logic; ternary-logic of Kwan-Yin a ternary-arithmetic of 2-dimensional non-linear-logics.

Crudely, in a probability-sense, Kwan-yin shows what happens when Karmic-seed-primes evolve into complex-gestalt-prime-wholes, or prime-gestalts of higher-orders, and why it becomes impossible to change old-thought-patterns of gestalt-thinking unless new-gestalt-thinking-processes are generated outside the old-gestalt-thinking-patterns—indeed, Karmic-seeds leading to their 'end-products'.

Mental-thought-patterns follow harmonic-thought-laws via harmonic-associations in the NOWS of 'eternity', period.

Sincerely Yours,
George L. Brandes

Dear Fry:

This is the 1st Brandes Letters collection...which contains all of his letters from '77' to '83'

I am overwhelmed with JOY! Believe-It-Or-Not...but a few days ago I received a personal-correspondence pertaining to the H-book, a PSIONIC-movie is going to be made next year, and a section of the PSI-movie will contain the hyperspace-visual-geometry in the H-book in mock-up prop-effect-forms of some kind or other. Naturally, 'having a piece of the action', royalty-payments will be made. At the moment, I will be all rapt-up in producing hyperspace-geometric-layouts for the movie-production. The movie-contract has been negotiated already by a well known world-wide movie-producer.

Apparently the 'backers' of the H-book consider it one of the greatest-geometric-inventions of this century...

Once the PSI-movie is out, who knows what will happen as to probable-future H-book demand... maybe a million copies would be SOLD! Nothing compared to my small-privately-published-edition so far. Nothing like this has happened before in the history of mathematics. In fact 100%+, University-publications are a very-poor-place to publish revolutionary-ideas in any field of enquiry pertaining to a new-order of ideas, period.

If I get my break, U can be damned sure that Bill Whamond's Steradian-Geometry gets a BIG-backing... Whamond has discovered the geometry of the Great Pyramid 100%+. My own prime-arithmetic has a few parallels to Whamond's Steradian-Geometry, that is, both our 'x-systems' of a new-order of ideas use the occulted-triangulistic-principle of the 'ancients', far, far beyond the childlike shadowland of the binary-math of today.

I consider Whamond a mathematical-genius of the 1st-order as a true creative-mathematician.

This week as I reflected-reflected upon possible new-aspects of the prime-arithmetic with my inner-inner-eye, I discovered an extraordinary-principle and 'property' within the prime-arithmetic-gestalt-structure, completely COLLAPSING the binary-arithmetic as the only so called mathematical-path to higher-order algebras, thus 10,000 years of binary-math has come to an end via the stupendous-discovery of the prime-arithmetic and its triangulistic-like 'occult-math-laws....' much in the SECRET DOCTRINE by Blavatsky pertains to the triangulistic-prime-arithmetic, particularly the entire STANZA-5 in volume-I on Cosmogenesis--the 1-1 correspondence too close for comfort...

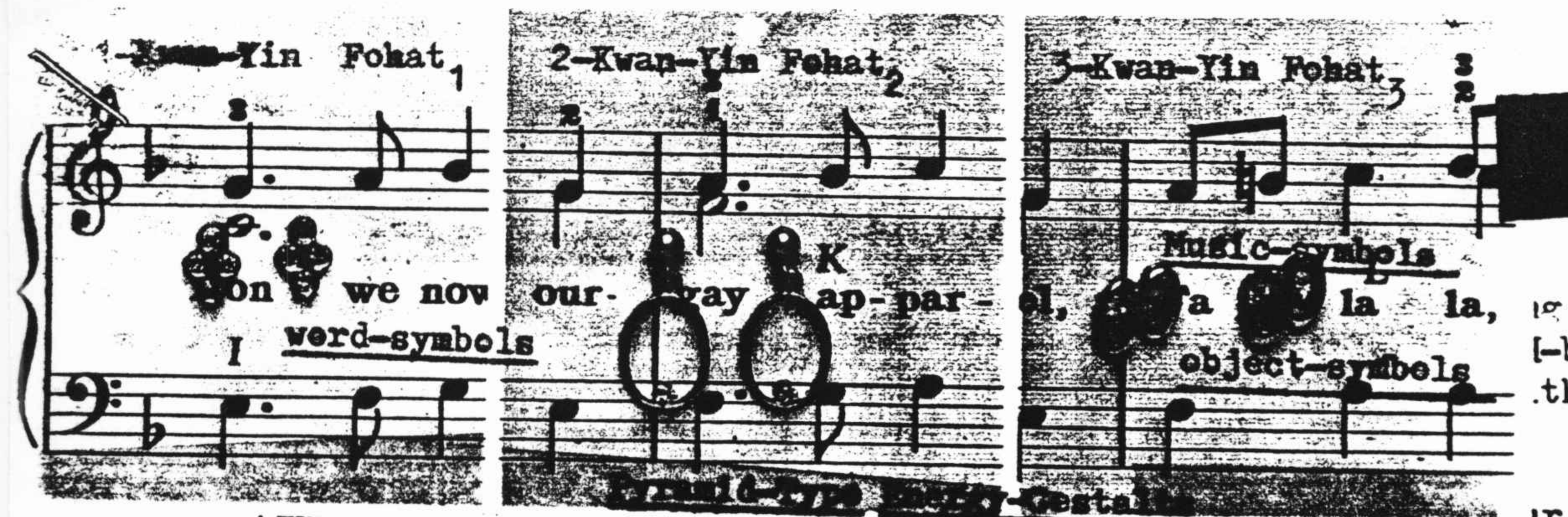
Stanza-5 has given me many new-developments in the prime-arithmetic, that is, the laws governing the FOHATIC-organizing-force activating 'seed-forms' into x-evolutions, x-GROWTHS, and x-developments, and much-data also from the SETH-material...

The Great Gauss missed much on 'arithmetic', he wasn't that subtle-subtle of a mathematician to see with his inner-eye deeper-laws pertaining to a new-order of ideas in a higher-arithmetic of triangulistics--an occulted-arithmetic, that is. Gauss was the last of the Great binary-mathematicians... The coming ternary-mathematicians will abstract-out 'occulted-triangulistic-math-laws' far beyond the crude binary-maths of today--the binary-maths deal with DEAD-symbols, whereas, the occulted-ternary-maths pertain to LIVE-symbols...

P.S. It takes a 'genius' to break through the hypnotic-vice-like-hold of old-symbol-systems; that is, creating new-symbol-systems in order to step-out of the old-frameworks, otherwise, one is locked-in the 'old-frameworks' indefinitely, period.



WHY? Because ALL x-symbol-systems contain energy-gestalts programmed within their x-structures, and assuming a 1-1 correspondence between map-territories, then synaptic-brain-cell gestalt-patterns are programmed likewise, fantastic!



11-27-77

U 4 H-books. Somewhere
l-books sold, then the
th the latest H-book

ir efforts in
selling and promoting the H-book visual-hyperspace-geometry.

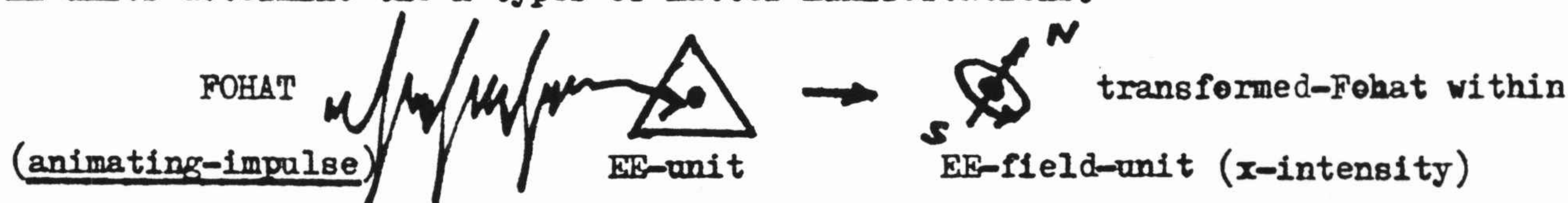
Once the Psionic-Movie is out in '78, then perhaps the demand for the H-books could be enormous, and once the original H-books become sold-out they could become classics and collector's-item selling for a very-high mkt-price; since the original H-book edition published is small, then obviously the originals would be scarce-books commanding a high-price on the rare-collector-book-marts ar und the world, then again who knows?

The H-book material greatly increases one's powers of INTUITION and IMAGINATION at least a thousand-fold. Considerable OCCULT-knowledge can be programmed directly into many H-graphics.

In my apartment I have reams of the old outer-math knowledges, which I consider now as dead-knowledge-symbolism of another age. The prime-arithmetic and H-book material pertain to inner-outer-knowledge-symbol-gestalts—Alive-symbols...

This week I made the most astounding-discovery of my life in the prime-arithmetic of the x-KWAN-YINS and x-FOHATS (the organizing-force), and it is this:

OBJECT-SYMBOLS, nothing but SOLIDIFIED SUBJECTIVE-EMOTIONS of PULSATING POLARIZED EE-units into MATTER-GROUPING-GESTALTS of different-orders, and that the ENERGY-COORDINATE-POINTS supply additional energy to the pre-matter polarized EE-units from which they then break forth into matter-grouping-gestalts manifested within our 3-space cell. EMOTIONAL-ENERGY and MENTAL-THOUGHTS bring into existence the energy-cores of EE-units, then if the emotional-energy has enough INTENSITY behind it, then the polarized EE-units will activate and open-up the dormant energy-coordinate-points suppling additonal energy to the pre-matter EE-units, thus the transformed EE-units become polarized EE-fields that break forth into manifested matter-gestalts. MENTAL-THOUGHTS and EMOTIONS are the x-FOHATIC-ORGANIZING-FORCES of inner-feeling-tone INTENSITIES that organize the EE-units into matter-groupings—each energy-core of an EE-unit has a corresponding FOHATIC-FORCE INTENSITY-EMOTIONAL-unit, thus the emotional-intensity-ranges within the energy-cores of EE-units determine the x-types of matter-manifestations.



THE X-TYPES of MATTER-MANIFESTATIONS are INFINITE!

U.S.-culture today nothing but the subjective-solidified-emotions of pulsating polarized EE-units as manifested in OBJECT-symbols, word-symbols, music-symbols, etc. Thus the x-KWAN-YINS and x-FOHATS within the prime-arithmetic gestalt-structures confirm SETH's x-concepts of matter-manifestations 100%+, period.

Indeed, many x-individuals have become mental-slaves to their own created and manifested polarized EE-unit x-symbol-gestalts.

Sincerely Yours,

George L. Brandes

THIS IS A LETTER FROM 'H' MATH
DISCOVERER...MORE LETTERS ARE
AVAILABLE...BOOK IS ONLY FOR
PERSONS WITH BACKGROUND....

MATHEMATIQUE-supreme

12-12-77

Can't contain my enthusiasm for the rest of this year... I give U 1 more-supreme-discovery on the ternary-typo-prime-arithmetic (TTPA). In music, fugues, counterpoint, harmony correspond 1-1 'topologically' in a sense to residues, compositions, syzygy in the prime-arithmetic respectively. This I discovered tonite, indeed, the prime-arithmetic of prime-resolute-numbers the symphony of arithmetic. Combinatory Analysis in some of its x-aspects forms the counterpoint for the prime-gestalt-structures; the residues the fugue-themes, and the harmonics as syzygies—beautifully 100%+, period.

Cometary-matter as in the Secret Doctrine by Blavatsky verified in the prime-arithmetic organizer-theory 100%. Cometary-matter into embryonic-stars shooting forth embryonic-planetary-matter, then the embryonic-cometary-matter forms into a blue-white star with its satellites of revolving planets—live-stars and live-planets.

But the prime-arithmetic goes much deeper in cosmogenesis by far, for the prime-arithmetic postulates that there exist not 1 atomic-scale of the atomic-elements, but an un-limited-number of atomic-scales within a matter-spectrum, and U end up with different frameworks of unique, distinct atomic-elements in other star-systems, some similar, others dis-similar—the Fohatic-organizing-force becomes x-Fohats in other x-frameworks. Our atomic-elements as organized in our 3-space cell frame merely local-atomic-matter-groupings, period.

ATOMIC-BARRIER

In a star-ship traveling at warp-speed in 'hyperspace' (elliptic-hyperspace of Riemann), then the star-ship 'crew' must translate their physical-image-bodies on entering another star-system with a different atomic-matter-grouping, the re-programmed physical-image-body would then adapt itself atomic-wise in the new-matter-grouping; otherwise, a non-translated image-body would dis-integrate upon entering another star-system of different atomic-groupings of electromagnetic-energy-fields from pre-matter EE-units into its intensity-mass 'x-matter'... The electromagnetic-spectrum is enormous, we have only discovered but a paltry-few x-aspects of inner-electromagnetic-energy...

The prime-arithmetic implies that there exist an infinite-number of local-matter-groupings of manifested atomic-elements in x-frameworks. Our Western-Science is DEAD NOW 100%+. So be it!

In 1 of my 'dream-projections, my inner-eye saw 'entities' having electromagnetic-image-bodies of awesome-potentials, a glimpse of their 'reality' made-me acutely-aware that multidimensional-consciousness-units create un-limited numbers of x-bodies to manipulate with. In any x-realm, 'consciousness' must be enclosed within a container (or capsule) to keep its 'energies' from seeping away. So literally then, in other x-frameworks, x-consciousness-units will have corresponding x-bodies in which to manipulate their x-environments—Cut-Of-Body projections shows this to be true 100%...

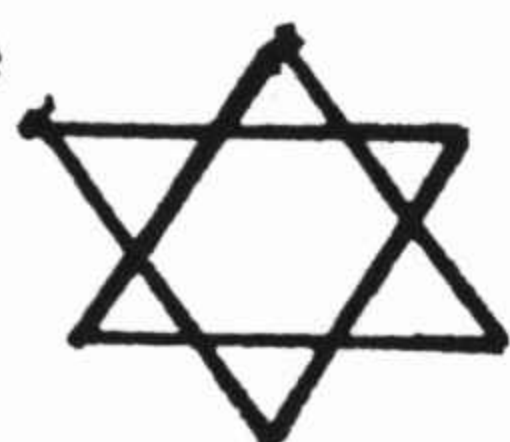
Priestcraft is dead on this planet! The antropomorphic-gods created by our Earth-species is truly a joker-in-the-deck of illusions, and becomes obvious in Out-Of-Body projections to the inner-planes. One could spend a 'lifetime' just studying 1 of the infinity of inner-planes, period.

The 5th-root-race is finished, being only an outer-reality-manifestation-type of aware-consciousnesses. The coming 6th-root-race now manifesting in embryonic-form will be inner-outer-manifestation-types, and

the pause₂ of pause₁ of 'reflection' (doubly-circuited synapse-cell:
. The double-triangle corresponds in hyperspace to a DOUBLE-PYRAMID as

in the H-book.

(in occult-texts



black-white-triangles to

black-red-pyramids)

Sincerely Yours,

George L. Brandes

Dear Fry:

Gads! We are buried in SNOW up here in Cd'A, it's been the biggest SNOW-FALL in years. In the mountains up here, the cars of the putt-putt 'type' are no match for nature. The commercial-ads extolling the B.S. 'wonders' of the defunct putt-putt cars and their 'competencies', ha! Guess again?

In Montana, some northern-parts are -40° below-zero, the rubber-tires on the putt-putts take an oblong-shape in such cold-weather, ha!

This week I discovered another extremely-important-property verifying the stupendous-power of the non-binary prime-arithmetic, in fact, complex-numbers of all places, shows up the 1st major-break in computational-math, and where FORM becomes more fundamental and basic than pure-computations alone, thus verifying but 1-aspect of the prime-arithmetic.

Without going into details and the algebra of complex-numbers, 1 example will suffice to show U that form is more basic than computations. Take the following 3 symbol-forms:

$$\frac{1}{2}(2 + 3i) = \frac{2 + 3i}{2} = \frac{2}{2} + \frac{3i}{2} \text{ or } 1 + \frac{3i}{2}.$$

Numerically the 3 above 'forms' are equal, but only 1 of the above x-forms is a complex-number, the last 'form' above represents a complex-number, the other 2 do NOT.

$$1 + \frac{3i}{2} \text{ represents a complex-number.}$$

This shows the 1st-flaw arising-out of computational-arithmetic. Also there exist no general-method for solving trig-equations.

In the prime-arithmetic, many of the computational-properties break-down and do not apply to algorithmic-equations, the form-gestalt is more fundamental than numerics.

Example, 1 of many: $9 - 1 = 8$, numerically, but is-NOT an inverse-algorithm-form, whereas $9 - 1 = 4.2$ is a valid-statement for inverse-algorithms, for $4.2 + 1 = 9$; also $9 - 1 = 8.1$ is a valid algorithmic-statement, provided that a 1 is inserted as a product-factor, again

$9 - 1 = 1.8$ is-NOT an algorithmic-statement. In fact:

$$9 - 1 \neq 8, 9 - 1 \neq 1.8, 9 - 1 = 2.4, \text{ but } 9 - 1 = 8.1, 9 - 1 = 4.2$$

Still more astounding, $9 - 1 = 8.1 \neq 4.2$, both algorithms are unique and distinct, only the remainder and dividend are the same in both cases, but the divisors and quotients are both different.

In

$$\text{DIVISOR} \cdot \text{QUOTIENT} + \text{REMAINDER} = \text{DIVIDEND},$$

each position of a 'number' has positional-importance within an algorithm, period.

The prime-arithmetic has typological-properties that are vastly more significant than topological-properties in geometry, in fact I programmed-out for 'fun' 3 axioms of 2 kinds of SYZYGIES, then made geometric-diagrams for them. I found that there exist an infinite-number of finite-closed binary-arithmetics of the primes, but the geometrical-diagrams for the binary prime-arithmetics were very simple to say the least. However, to my utter astonishment, the typological-space geometric-diagram for the unique ternary-prime-arithmetic held some surprises, vastly more 'organized' and 'integrated' than the simple 'flatland' binary-type of prime-arithmetics. The ternary-prime-arithmetic has prime-resolvent-closure, and in the geometric-diagram has a fixed-point prime-resolute number. The differences between the binary- and ternary-spaces was very strange and unusual, pointing-out the severe-limits of binary-logic arithmetics.

The ternary (triangulistic) prime-arithmetic transcends ALL maths known to date. It works so fast, that at times my mind becomes spell-bound by ITS 'magic', ha!

I have applied the ternary-prime-arithmetic to mind-functions with 100% success. However, due to the dangers inherent in this superpowerful-math, I have decided against publishing such info due to the cursed military-aspects of it...

The de-coding keys to the ternary-prime-arithmetic leads to awesome-applications.

1 self-programming combinatorial-integrator (the heart of the ternary-prime-arithmetic) within a new-generation 'computer' could re-programm new-knowledge-levels, thus in 'effect' an electro-mechanical-brain-computer that could literally vaporize a planet in a FLASH! (Gads, shades of STAR WARS!)

ternary-prime-arithmetic-symbol

Sometimes I think my own 'math-talent' has got the best of me...

(Org-force...) Fohat



This will be the last letter to U on 'discussion' of some findings in the ternary-prime-arithmetic. The new-knowledge I shall keep to myself, and will find uses of the ternary-prime-arithmetic in other x-dimensions... Besides, 99%+ of mathematical-knowledge today is based on the binary-arithmetic, reams of tar-pit Dinosaur-math abounds in our x-libraries on planet-Earth today, and to induce drastic-changes, a major-SHOCK would be needed 'economically' to bring forth new-ideas and concepts... than again may not.

U saw what the orthodox-scientific-establishment did to Walter Russel in his time-frame 3-space cell... In fact, the organizer-theory in my new-research-developments can predict 100%+ mental-evolutionary-changes, as well as the reistance-load or mind-inhibitors within a cultural-matrix preventing such x-changes, thus the Russel-dilemma could easily be predicted with 100%-accuracy in a probability-sense using the new-organizer developments.

As SETH stated: BELIEFS ACT as HYPNOTIC-FOCUSING-UNITS, and the mental-hold of a 'belief' can only be eliminated by dropping the 'belief, or substituting-in a new-belief, otherwise the hypnotic-hold of a 'belief' can't be broken as to its focusing-effects.

The ternary-prime-arithmetic verifies SETH'S THEORIES 100%+ and more, besides, period.

The organizer-theory in its new-developments predicts vast-upheavels for the U.S. and U.S.S.R. in coming years ahead, and the emergence of CHINA as a super-super-power in the PSI-sciences (occult). The other possible new super-power being the United-Nations of the EUROPEAN-countries.

The ODDS against the survival of the U.S. in present-time-frames of our 3-space cell seems NILL as 'predicted' in the 'thought-streams of consciousnesses' via the organizer-theory. I am pulling-out in '78, with such ODDS against the U.S. NOW, I will just stay 'underground' and keep my fingers crossed, ha! CHINA is the one I 'fear' most of all due to their vast-knowledge of the invisible-occult-powers. CHINA has gone full-blast in PSIONICS, and to a lesser-extent in GRAVITONICS. U.S.-citizens carry dead-knowledge-symbols in their 'skulls'(heads). At last the vast-propaganda-system of the U.S. has broken-down completely. The organizer-theory predicts 2 major contending new-super-powers NOW: CHINA and a UNITED-EUROPE. At this point-in-time, the U.S. a BIG QUESTION MARK

??

Paul

Even Twitchell, the founder of ECKANKAR had 'qualms' about CHINA, in fact many Eastern-adepts do likewise, which is understandable once one has done Out-Of-Body projections...

Well, it's snowing like blazes outside, and I can hear the 'funny' putt-putts stalling, spinning-wheels in glazed-snow-pockets, and that is what we call 'technology' ha!

Sincerely Yours,
George L. Brandes

TIME does NOT exist, but merely a subjective-impression created by the outer-senses within a 3-space cell. The basic-nature of SPACE appertains to space-PARTITIONING-processes; plastic-space molded by geometrical-frameworks, period, and NON-Einsteinian, period.

PSI-effects induced by MIND acting on Geometrical-dowsing-devices to focus the PSI-energy-field and amplify it, etc. Geometrical-Diviners are PSI-tools 100%+—e.g., the GREAT PYRAMID and its vortex-energy-field partitioning of SPACE. The pyramid-space is-NOT the same as ordinary-space outside away from it. Thus the Great Pyramid implies that we can manipulate 4-space vortex-energy-fields with a 3-space cell by certain unique geometrical-shapes to entrain the transformed 4-space x-energies, etc.

The ultimate in PSI-laws wherein MIND ITSELF directs the matter-manifestations directly without the aide of man-made-tools. Fantastic!

The key to Gravitonics: entrained gravitonic-fields of polar-equatorial-flows of transformed primal-energy (electromagnetics) via GEOMETRICAL-PATTERNS (FORM). What I prefer to call ultra-electromagnetic-energy-field 'aspects' of a new-order.... Whamond has the fundamental-basics to Gravitonics 100%+. The hypersphere in the H-book suggests very strongly why Whamond could be right...a space-constant of non-zero curvature via geometrical-forms implies a core-center energy-point controlling polar-energy-flows of pulsing wave-field-harmonics. Take any small-sphere hyperplane-section of a hypersphere, then an axis from the small-sphere's center to the center of the hypersphere can be drawn, along this 'axis' a wave-train can project radially passing through the center of the hypersphere.

The Earth's-core seems as-if it becomes related to Gravitonic-field aspects, that is, related harmonically to our SUN and the center of our galaxy. Also, believe it or not, U could take the hypersphere to represent an infinity of probable-Earths vibrating about 1 equatorial-plane in hyperspace separated from each other by pulse-harmonics of different intensity mass-fields—that is, taking any point on the polar great-circle to the equatorial great-circle U can geometrically form a great-sphere, and the given point on the polar great-circle would correspond to a certain pulse-harmonic having its corresponding intensity-mass field. Thus, at least in this sense of the 'meaning' SETH is right 100%+—many probable-EARTHS in the same equatorial-space-aspect but with their poles lying in different-regions of hyperspace.

PSIONICS and GRAVITONICS appertain to hypersphere-geometrics...

Sincerely Yours,

George L. Brandes




More madness: The pulsating Great-Spheres about 1 equatorial-plane take no-time in a certain 'sense'... the equatorial-plane would have an infinity of no-time pulsings, and with each pulse-phase the equatorial-plane would have a corresponding intensity-mass aspect associated with it, that is, for a given pole (x-pole) and same equatorial-plane. Thus we have an infinity of probable-EARTHS vibrating about a common-equatorial-plane in hyperspace like ON-OFF pulse-cycles—the energy-core would be common to ALL Great-Spheres about the equatorial-plane in hyperspace. Empirical-proof (tentative): if the physical-body pulses on-off in action-phase-space-cycles, then this implies the Earth does also, since it has the same atomic-matter components, but arranged differently... Fantastic!

After 1982, 'physical-science' will begin to decline as well as the 'worship' of the 'hero-machine-type' of 'technology'. The inner-sciences of the MIND will become the creative-focus by 2000 A.D. or sooner. Probable-future-civilizations will have their FOUNDATIONS built-upon PSYCHIC-ASPECTS, NOT physical-foundations as we now have.

3-7-78

The most-important-paper sent to U so far!

Dear Fry:



Utterly unbelievable... I discovered a flaw in some of the proofs given by many geometers on the Elliptic-Geometry in hyperspace.

It was discovered by going over a revised-proof in the H-book on the MINIMUM-ANGLE between 2 planes in hyperspace; a minimum-angle and maximum-angle exist when the 2 planes are NOT ISOCLINE. Now on the hypersphere, the 2 given planes cut-out great-circles having several strange-properties that can only be seen and proved using the logic-circuit-diagrams and corresponding visual self-polar-tetrahedron. Thus: If a transversal cuts 2 lines, the 2 given lines are parallel if corresponding-angles on the same-side of the transversal and the 2 given lines are equal. 'Line' corresponds to 'great-circle' on the hypersphere, parallel-lines to geodesic-parallels, and a transversal, to another great-circle, that cuts-across the 2 given great-circles.

However, 3 cases present themselves as follows: the 2 lines are parallel; the 2 lines are skew and do NOT intersect; the 2 lines intersect and lie in 1 hyperplane-cell of the hypersphere.

In the 1st-case, the 2 lines are parallel if the corresponding-angles are equal; in the 2nd-case, the 2 lines being skew, will have unequal corresponding-angles; and, in case-III, the corresponding-angles are also unequal and lie in 1 hyperplane-cell of the hypersphere.

The above proofs can be done using the Point-Geometry of the hypersphere.

✓ However, here's the crucial-flaw: In ALL 3 cases above, the 2 lines have at least 1 transversal with equal corresponding-angles of 90° , the exceptional-case in the Elliptic-Geometry restricted to a portion of a hypersphere. In the Elliptic-space geometry on a hypersphere, 2 lines can have 1 transversal cutting them in corresponding-angles of 90° , that is, equal corresponding-angles; and, such that the 2 lines can be parallel, skew, or intersect and lie in 1 hyperplane. In the polar-geometry on the hypersphere, polar-cutting-angles of the above 3 cases correspond to these angle-pairs: (ϕ, ϕ) , (ϕ, ϕ') , and $(\phi, 0)$.

The logic-diagrams (circuits) and corresponding H-graphics have revealed some astounding strange-properties on the hypersphere. A few as follows:

- (1) A skew-¹isosceles-trapezoid exist having ALL its base-angles and summit-angles equal to one another;
- (2) The diagonals on a skew-quadrilateral do NOT intersect one another;
- * (3) If a skew-parallelogram has 1 right-angle, then it is a skew-rectangle;
- (4) Polar- and Non-Polar skew-rectangles exist on the hypersphere; ETC., and much more in the way of new-discoveries...

I finally got the Clifford-surface worked-out in a restricted-portion of the hypersphere...

FANTASTIC!

Sincerely Yours,

George L. Brandes

*Note: The angle-sum on a skew-rectangle is 360° , that is, it has 4 right-angles.

P.S. The 'word-wisdom' of today's metaphysicians KNOW NOTHING about the REAL-NATURE of GEOMETRY per se.

This past month discovered the POLAR-Golden-Logic-Ratio-Circuit for the visual-hypersphere in the H-book. The new-discoveries are really mind-shattering to the extreme—many new logic-circuits programmed-out for the hypersphere, in fact about a dozen new-logic-circuits for the polar-Elliptic-Geometry on the visual-hypersphere.

The new hyperspace-perceptics derived with the aid of the logic-circuit-templates has led to numerous new-theorems, proofs, and some utterly astounding new-geometrical-properties of the hypersphere far exceeding the conventional-geometry of today.

1 theorem in the H-book needs revision due to it being proved only for a special-case, and not for the general-case as I had that at that time, the new-revised-proof works for the general-case as well.

The properties of matter are determined by the partitioning of hyperspace-geometry—as a special-case, the Great Pyramid of Cheops; for hyperspace, then, a matter-spectrum...

Perhaps the most important thing that I have discovered this past month is the following:

THE CONCENTRATION OF ENERGY FOLLOWS ONE'S BELIEFS. (A SETH saying)

The logic-circuits (designs) definitely verify the above SETH-statement when seen in the new-light using the visual-hypersphere...indeed, WE CREATE OUR MANIFESTED X-REALITY by the BELIEF-STRUCTURES which we are ensconced in, period.

Just completed the major-development of the Non-Planar Parallel Geometry on the hypersphere. 4 'geometries exist on the hypersphere...

The most-astounding discovery in the H-geometry to date using the H-graphics and logic-diagram-circuits with new logic-design-templates... I am utterly almost lost for words NOW, here it is:

Skew-squares exist on the hypersphere whose 'diagonals' do NOT intersect and are PARALLEL also. The non-planar diagonals of the elliptic skew-square can form with 2 pairs of opposite-sides 2 equal skew-equiangular-parallelograms, that is, its 4 vertex-angles at the 'corners' are ALL equal, and its non-planar-diagonals are equal and parallel also like the skew-square from which it was derived.

The non-planar diagonals in elliptic-space are in many ways different from the ordinary Euclidean planar-diagonals, that is, only a few of the 'diagonal-properties' of ordinary-diagonals in Euclidean-space on a 'plane' exist in the non-planar parallel geometry in elliptic-space. Non-planar diagonal-properties are as strange-like as the non-planar parallels in the elliptic-space. Further, the 'geometry' of the non-planar parallels can be developed-fully on the hypersphere...that is, a restricted-region of the elliptic-hyperplane which corresponds to the visual self-polar spherical-tetrahedron as in the H-book.

I have gone deep-into-the-hyperspace-geometry...farther than ANY 'geometer on Earth today, I mean just that 100%+. I have discovered so much new-hyperspace geometry in the past-month that volumes could be made on the new-geometrical-discoveries.

The H-book is the most-powerful synesthetic-geometry (better called hyperspace triangulistic-geometry) in over 2000 years since Euclid, further than Bolyai, Lobachevski, and Gauss in their 'time-frame' as well.

SHAPED-ENERGY the PSI-key to new-energy-properties of 'plastic-matter' (frozen-energy), which of course implies GEOMETRY of SHAPE, hence to PERCEPTICS, and NOT symbol-equations practiced by the majority of 'scientist' today, equations miss and leave-out too much 'geometry' per se...

SETH, indeed, 1000%+ right... See again Chapter 15 in the book SETH SPEAKS by Jane Roberts.

Sincerely Yours,

P.S. WILD! The logic-circuit-diagrams must be geometrically-interpreted in terms of rotations as well...

George L. Brandes

NOT DIAGONAL DOGV!

George L. Brandes

Dear Fry:

This may be the 'biggest thing' yet in GEOMETRY... I discovered this past-month the 'basics' for a new-geometry still more 'general' than the Non-Euclidean Geometries discovered by Gauss, Bolyai, Lobachevski, and Riemann. It is called

SKEW-GEOMETRY SKEW-GEOMETRY
in and in (Cousin of)
HYPERSPACE . 3-SPACE

The geometrical-properties of this skew-geometry are so ALIEN-LIKE that I am amazed at some of its 'conclusions. The theorems and proofs have been worked-out in full. Some 'proofs' require a 'page' or more to prove the theorems, still others are so 'simple' in nature as to be but a few lines in their proofs.

The geometrical-properties of this skew-geometry have no right-angled 'triangles' in it, in fact, in this 'geometry', the Pythagorean-theorem does NOT hold valid, and yet a part of the skew-geometry only in a certain 'geometrical-sense from OUTSIDE as some geometrical-points of reference...

Here are just a few geometrical-properties discovered in this skew-geometry:

- (1) The angle-sum of ALL skew-figures is 4 right-angles and no 'triangles' exist on these skew-figures whatsoever;
- (2) The possible x-types of skew-figures in this geometry are few in number, i.e. 5;
- (3) Skew-figures exist which have no skew-area, and therefore such skew-figures have no INTERIORS, i.e. they have no insides as the saying goes;
- (4) There exist skew-figures in which no right-angles can be drawn in them;
- (5) There exist a skew-figure having a $\frac{1}{2}$ -skew-regulus on it, but no skew-area can be formed on it, seems impossible or absurd, but nevertheless VALID in this geometry;
- (6) A skew-figure exist having a 2-point MEDIAN, i.e. only its extremity-points lie on such a skew-figure having no insides, or what is the same thing, a skew-figure having no interior-region in hyperspace—NOTHINGNESS;
- (7) The shortest-distance between 2 points in this geometry is 'defined' as BOUNDARY-distances, and the x-paths between 2 points infinite in number, yet ALL having the same invariant boundary-distance; in other words, in this geometry, the shortest-distance between 2 points has 2 geometrical-properties, i.e. boundary-distance and probable-paths ALL the SAME 'geodesic-length—again this seems quite 'absurd, but nevertheless VALID in this skew-geometry;
- (8) MORE ASTOUNDING STILL: An equilateral-tetrahedron has on it a 'degenerate' 3-space 'skew-square' less 'degenerate' than its 'cousin' the spherical-square, i.e. such a skew-square in 3-space has numerous geometrical-properties as follows: ALL its sides are equal, ALL its 'vertex-angles' are 60° exactly, its diagonals are equal but do NOT intersect, and least of all, if any 2 opposite-sides are extended in either direction they do NOT intersect, the 'diagonals' form with the sides of the equilateral-type skew-square 60°-angles; however it does NOT have a skew-area on it due to its 'skewness', and seems as-if it has a skew-regulus on it also, which can be worked-out via 'solid-geometrical-reasoning' to see if it is so. THE EQUILATERAL SKEW-SQUARE is a 'cousin' to the POLAR SKEW-SQUARE on a SELF-POLAR SPHERICAL-TETRAHEDRON in HYPERSPACE.

The SKEW-GEOMETRY, a NON-PLANAR PARALLEL GEOMETRY of the SELF-POLAR SPHERICAL-TETRAHEDRON whose 'cousin' is the 3-space EQUILATERAL-TETRAHEDRON having some 'analogous' geometrical-properties, many in fact. The H-book contains the minimum 'basics' of the skew-geometry, but no where 'developed' as to the new theorems, proofs, logic-diagrams, and advanced H-graphics for the skew-geometry—the new 'stuff' I got is far, far in advance of the 'simple' H-book basics.

The Einstein-concepts are NOT valid in the skew-geometry of hyperspace, period.

I have had many a sleepless-nite over it, i.e. the development of the alien-like strange to the starnge 'screwy-geometry of hyperspace, ha! It clashes with much of the Non-Euclidean Geometry as to geometrical-structure.

I drawn this hypothesis: If the skew-geometry exist in the hypersphere, then it has a 'cousin' also in 3-space having some 'analogous geometrical-properties, i.e. the geometry of the equilateral-tetrahedron, the only possible 3-space 'skew-geometry' of 'straight-lines', no other geometrical-figure has such geometrical-properties in 3-space.

Thus, here at least, we can experimentally-verified the 'existence' of a 3-space skew-geometry more general than the Non-Euclidean Geometries. A 'mouthful', maybe, but I will 'eat this letter if 'proved' wrong! It will be a NON-PLANAR 3-space skew-geometry; skew-parallel lines that do NOT intersect however far their are extended, nor equidistant, nor 'asymtotic' Thus if we define skew-parallelism in 3-space having the following geometrical-properties, then they are SKEW-PARALLEL:

- | | |
|--|-------------------------------|
| (1) They are NON-PLANAR; | (3) They are NON-equidistant. |
| x (2) <u>They have no common-points.</u> | |

The 'definition' of 'parallels' in Euclidean-Geometry satisfy the following 3 conditions:

- x (1) They are coplanar;
- x (2) They have no common-points;
- x (3) They are equidistant.

The skew-geometry in the hypersphere satisfies these conditions, 3 in number also:

- (1) They are NON-PLANAR:
- x (2) They have no common-points;
- x (3) They are equidistant.

A comparison of the above conditions for the 3 x-geometries, SKEW-GEOMETRY, NON-EUCLIDEAN, and EUCLIDEAN-GEOMETRY shows that the 3-space skew-geometry has but 1 of 3 conditions as 'satisfied' in the Euclidean-Geometry, thus ALL the geometrical-properties in the Euclidean-case above are discarded except 1 condition, this is the 'limit' reached for the 'theory of parallels'—akin to group-theory in algebra having but 1 operator-axiom, i.e. 'addition' or 'multiplication' only, or the quotient-group.

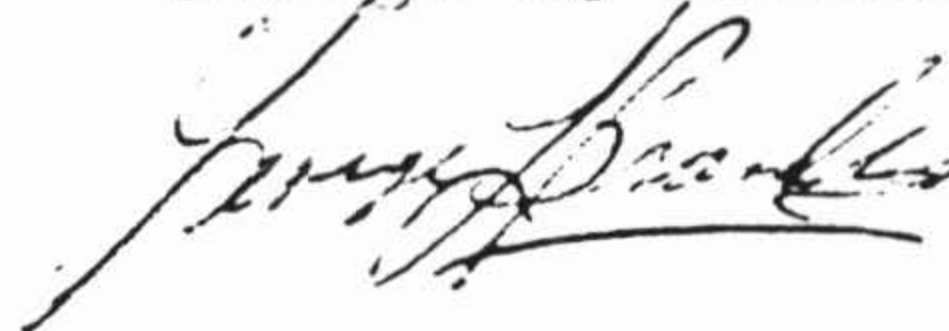
This is perhaps the most ASTOUNDING DISCOVERY yet in GEOMETRY to date. The 3-space skew-geometry appertains to the 'warping of SPACE'. It took a 'nut' like me to 'screw-up' the 'foundations of geometry', ha!

Fry, U can xerox this 'letter' if U want to and pass it on to 'any' probable-geometer' interested in a 'geometry' beyond ALL 'geometries known to date... The shattering of the foundations of NON-EUCLIDEAN GEOMETRY will leave many die-hard 'geometers 'pissed-off' in the new-geometrical-discoveries that I have made, but geometrical-facts are 'facts' nevertheless, regardless of what some orthodox-geometers may think ha!

P.S. Spending a lot of time now 'developing' further geometrical-aspects of the SKEW-GEOMETRY of hyperpsace, and 'partially' the 'madhatter's 3-space skew-geometry,

Sincerely Yours,

George L. Brandes



Dear Fry:

I am speechless now. The past few days worked-out a considerable amount of the 3-space skew-geometry within an equilateral-tetrahedron. It DOES have a skew-regulus, but some of its geometrical-properties are so strange, that in many ways it is different than non-Euclidean Geometry.

The latest-discoveries: PERCEPTION exist only in the MIND of the perceiver who creates the geometrical-perceptic-gestalts via logic-relationships, and the 'mind' 'viewing' the 'geometrical-gestalts as-a-whole does so via the creation of a new-level of aware-consciousness. Therefore we create our own x-realities, period.

The 2nd BIG-discovery: The 3-space skew-geometry can only be understood 'fully' using its 'cousin' the self-polar spherical-tetrahedron in the hypersphere, i.e. H-graphics and logic-diagrams. However, it can still be worked-out to some 'degree' using another logic-circuit-system appertaining to 3-space aspects, this I have already worked-out.

In the skew-geometry angle-sums of the skew-non-Euclidean quadrilaterals less than 4 right-angles, except in the special-case, where 2 skew-generators in the 'center' of the skew-regulus are at right-angles to each other, i.e. 4 right-angles. The skew-square on the skew-regulus has angle-sum of 240° . The most astounding geometrical-property of all: If 2 points lie, 1 of each, on a different generator, then the line formed of these points does NOT lie on the skew-regulus.

The skew-lengths vary from maximum-to-minimum-maximum on the skew-regulus, i.e. $AT\ 74^\circ 52'$ $60^\circ, \dots, 90^\circ, \dots, 60^\circ$. Skew-generators can be paired having equal skew-lengths, etc.

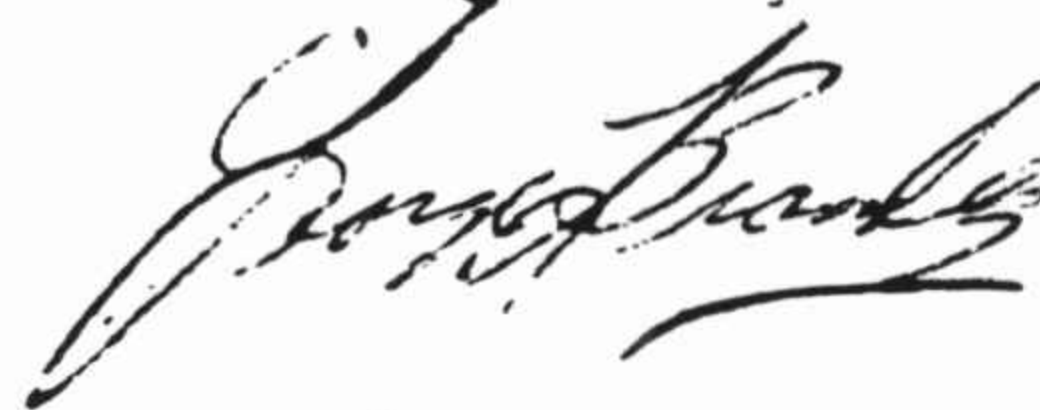
The diagonal of a skew-quadrilateral will divide it into 2 non-congruent-triangles, the only exceptional-case is the skew-square on it having angle-sum of 240° , where a diagonal divides it into 2 congruent-triangles, i.e. 2 congruent-triangles that are equilateral, thus such skew-diagonals are skew-parallel also in this freak-out skew-geometry. I could go on and on, but the point is, the astounding implications of this viable 3-space skew-geometry. It may go down in history as the greatest-discovery in Geometry in this illusive so called subjective time-frame, period.

It's no use with words I guess, I am so far 'out' in new-virgin territory in pure-geometry that the strange-geometrical-discoveries I have made would seem 'absurd' in 'established' university-circles of the koshered-mind-types of do-nothing-thinkers.

I finish this paper by saying, "Tell them all to go fly a kite, i.e. the orthodox-geometers today, period."

Sincerely Yours,

George L. Brandes




Dear Fry:

Let me have my final say in this 3rd-letter appertaining to the Goldberg-problem. It will be a 'shorty-letter'.

Again take the 2-part partitions of the even-partible-number 18, i.e.

	1 17
	2 16
	3 15
	4 14
(5 + 13 = 18)	5 13
	6 12
(7 + 11 = 18)	7 11
	8 10
only 2-solutions	9 9
for 18	

; as stated in the last-letter(2nd on the Goldberg-problem) the uncertainty was resolved-out using the 2-part partition table. However, going still deeper-into-the-Goldberg-problem, we have discovered something quite astounding, we need to KNOW also whether a given odd-number is a prime or not. We need a few axioms more... However, we begin by stating that we can use a prime-table(empirical) to resolve-out the UNCERTAINTY as to whether an odd-number is a prime or non-prime; then to resolve-out the UNPREDICTABILITY of prime-pair COMBINATIONS we use the 'certainty' derived from an empirical prime-table constructed by the SIEVE-METHOD of Eratosthenes.

This can become summarized as follows succinctly:

- (1) Construct an empirical prime-table to resolve-out the UNCERTAINTY as to whether an odd-number is a prime or non-prime—the prime-table can be extended indefinitely;
 - (2) Construct an empirical 2-part partition table for the even-integer, then to resolve-out the UNPREDICTABILITY as to what odd-number pairs are 'primes' we use the empirical-table derived in (1)—conditionality-factor here, i.e. (2) depends upon (1).
- (1) implies the resolution of uncertainty of individual-prime-elements; (2) implies the resolution of unpredictability of prime-pair SUM combinations using (1).

The above general-insights and Goldberg-solution was found using the prime-arithmetic and info from the prime-arithmetic axioms in part...

The Goldberg-problem as 'solved' in these 3-math papers leads on further refinements and developments to a QUASI-BINARY-ARITHMETIC, the quasi-binary \neq binary, period.

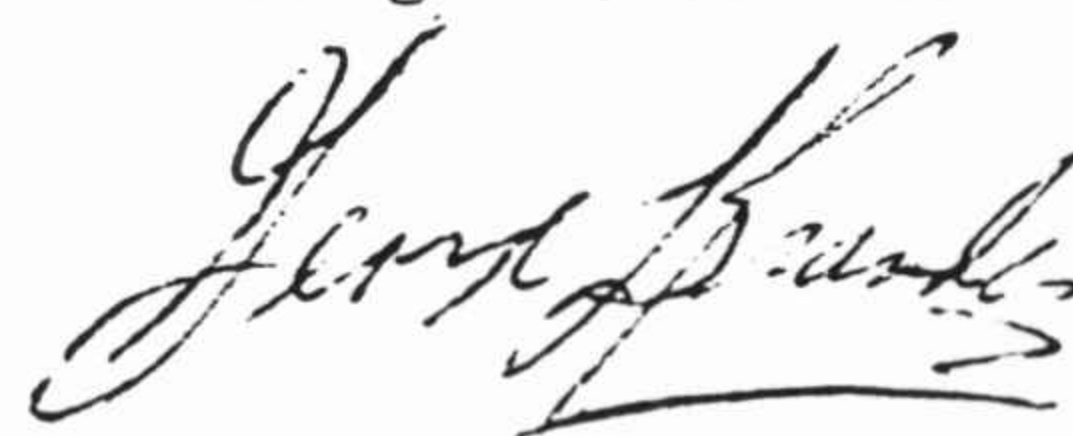
Quote from SETH: "COMPLETE-UNPREDICTABILITY of the CU-units" — Compare this to my statement of, "COMPLETE-UNPREDICTABILITY of PRIME-COMBINATIONS" as in the prime-arithmetic via PATTERN syzygy-resolutions—here we need both a primon-axiom and a corresponding empirical prime-table, then via 'pattern-resolution of syzygies' an empirical prime-algorithm table(s) to resolve-out the unpredictability of the prime-combinations, etc. using 'data' taken from a prime-table...

We resolve-out uncertainty-unpredictability into certainty-predictability—this 'statement' is far-stronger than the 'simple' uncertainty-principle postulated by Werner Heisenberg for the wave-particle 'physics'. I have gone way beyond Heisenberg by far, period.

P.S. Now my 'mind' is put to rest, regretting that I had started the Goldberg-problem to begin with, anyway I derived some valuable-insights as a by product using KNOWLEDGE from the prime-arithmetic to solve the Goldberg-problem in general-outline-form...

Sincerely Yours

George L. Brandes



Dear Fry:

Received the 'CP' letter-comment U sent me today. What a joke!

On p-131 of the H-book, I asked the student to refer to p-104 of the book, SETH SPEAKS — compare what SETH sez about a super-table that is multidimensional and convert what he sez to the visual-HYPERCUBE as displayed on p-12 of the H-book, obvious of course....!

If U want COORDINATE 4-SPACE GEOMETRY, then refer to p-122 to p-127 for the simple basics in the H-book, completely worked-out and developed using 4-space ANALYTIC-GEOMETRY applied to the H-graphics as well as the CALCULUS for 4-space integration-processes.

For mathematicians, the section on the visual-hyperspace offers very-deep-insights into the nature of 3-space NON-EUCLIDEAN GEOMETRY, or 3-space ELLIPTIC-GEOMETRY within a restricted-portion of the hypersphere—Clifford's-parallels, a complete-development in the H-book, and the Clifford-SURFACE can be developed in-full using a mockup visual H-graphic for the DOUBLE-CYLINDER inscribed in a hypersphere, that is, a CYLINDER of DOUBLE-REVOLUTION inscribed in the hypersphere—I have an H-graphic for the DOUBLE-CYLINDER, but to interpret it U need both the synthetic- and perceptic-aspects, and later, using the 3rd x-aspect, i.e. the analytic-aspect via coordinate-geometry.

Riemannian-Geometry can be worked-out using the visual-hypersphere...

The skew-geometry of a skew-surface within an equilateral-tetrahedron can be utilized to study Clifford's-parallels via 4-space projections of a hexadekant-section of the hypersphere mapped onto an equilateral-tetrahedron—that is, a projection of a polar-spherical-tetrahedron in the hypersphere onto its corresponding equilateral-tetrahedron in 3-space, then taking the Clifford paratactic-surface portion within the polar spherical-tetrahedron and mapping it onto the 3-space corresponding skew-surface within the equilateral-tetrahedron 1-1. This leads to an enormously powerful-method in studying 4-space PARATAXY-problems visual for the 1st time ever using the visual-hypersphere PROJECTIONS into 3-space REAL GEOMETRIC-MODELS—in fact, the H-graphic solves both 'aspects' simultaneously for the inner-eye to see ALL-AT-ONCE, more so, the sectional-mockups can be separated-out and set side-by-side GEOMETRICALLY, and the skew-surface within the equilateral-TETRAHEDRON can then be constructed as a REAL-MODEL within our 3-space cell. LOGIC-DIAGRAMS can be developed for both the paratactic-surface (as in the H-book) and a corresponding one for the skew-geometry within the equilateral-tetrahedron, the correspondence is 1-1(1-to-1 topologically).

I need say no more, the H-book speaks for itself on such

P.S. Maybe a quote from the article edited by D.T. Whiteside and reviewed by I. Bernard Cohen, January 1968 will give U some math-insight of HOW Isaac Newton turned into a great creative-mathematician—THE MATHEMATICAL PAPERS of ISAAC NEWTON, Volume I: 1664-1666, a frag-quote:
... see back of this page(over)



Dear Fry:

The 'lid' just flew open on the prime-arithmetic last nite—numerous new and utterly astounding theorems and proofs on ultra-deep aspects on the inner-nature of the 'mystical-primes' and their unpredictable 'behaviour'. I have discovered so much already that the paltry 120-page 'manuscript' may soon expand to 200-pages on the combinatoric-primes and completely shattering ALL KNOWN ARITHMETIC to date.

Western-science can NOT go further...it has hit against a gigantic STONE-WALL using binary-arithmetic. The ancient-Greeks did the same thing when they ran up against the Delian-problem of solving the cubic $x^3 = 2$, which they could not solve since they had no algebra at the time developed in order to solve the simple-cubic via the irrational-number $(2)^{1/3}$, or $x = (2)^{1/3}$.

Likewise the binary-arithmetic can NOT solve non-closure 'equations' of unpredictability and uncertainty, it takes the ternary-primes to do it. The binary-arithmetic can not SOLVE ASPECT-problems of GESTALT-number-structures, again it takes the triune-primes to solve it.

An aside: Analytic-Geometry did NOT arise out of PRACTICAL-PROBLEMS; it was instead the outgrowth of questions of a PURELY THEORETICAL and SPECULATIVE nature.

Western-science has become 'trapped' by its own LOGIC; that is, using the binary-logic arithmetic of number-systems per se. ALL the so called 'sciences' rest upon the foundation-stone of the binary-arithmetic(binary-arithmetic generalized into algebra and then applied to 'science').

It seems as-if the Western-mind has finally run up against the stone-wall of binary-arithmetic, which can not solve deeper-problems within NATURE per se. If so, then Western-Civilization is due for a gigantic-decline NOW unless it can break-out of the 'rut' of the binary-arithmetic into a new-kind of math beyond the binary, i.e. the triune-primes at the twilight-zone of 'math'.



Use this caption in the H-book AD: 4-D graphics, that simple it is, would bring in MOUNTAINS of enquiries, ha! 4-D = 4-DIMENSIONS—when I say, "4-D", most people understand what it means in 'words' only, soo...o! Obvious, such a 'caption-heading' would imply the HONEY-bait that brings them in...

Again, 4-D, has a 'mystic-implication' to most people except perhaps a few mathematicians. H-book = 4-D graphics, that's a better sales pitch I think?

An aside mind-twister on the 'primes': the prime 10,006,721 has but these three primes 2, 5, 31271 related to it via the prime-core 2 and coprime aspect 1, ALL other primes less than 10,006,721 do NOT have this prime-relationship—1 example of many.

Worked-out the fundamental-theorem for the prime-arithmetic this past month, and called it the OMEGA-theorem for the 'primes'...

The competence-numbers(eccentricity-units) interlocking the primes

2, 5, 31271, 10006721

are 2, 3127, and 32, respectively.

I need a 'computer to find the corresponding-value for \mathfrak{E}_2 in $k_2^{(\mathfrak{C})} = 3127$, and for \mathfrak{E}_3 in $k_3^{(\mathfrak{C})} = 32$ —1 prime-table for 31270 algorithms to sieve-out the prime-algorithms of order 2 and another prime-table for 32 algorithms to sieve-out the prime-algorithms of order 3; indeed, uncertainty and unpredictability here resolved into certainty and predictability—confirms SETI 1000+ on many 'concepts' as stated in UNKNOWN REALITY...

Dear Fry:

Received your letter today ... thanks again for the H-book orders.

Indeed! We have many X-minds in alternate-realities...the multidimensional-PSYCHE uses PSI-mind energy-gestalts to manifest reality-frameworks, etc. On a smaller-scale, the desire-mind, feeling-mind, and body-mind interlock-together forming an energy-gestalt operating within the physical-universe, however, the SPACIOUS-MIND OPERATES outside the physical-universe and has its own mental-continuum 'inner-laws' ...

Tapping-into the spacious-mind brings about numerous new-kinds of CREATIVITIES OF ANOTHER ORDER OF ENERGIES...using the spacious-mind, matter-teleporting of the physical-body on a planet or other galaxies becomes a practicality—changing the PLANCK-constant to alternate quantum-values (frequencies that overlap in a Fourier-sense) induces a corresponding change of the neuronal-synaptic -pulsings, and therefore altering the atomic-polarity of the physical-body to alternate quantum-states of ACTION...(actions)

An aside: The volcano Mt. St. Helens after its fantastic-eruption spewed the Northwest with layers of volcanic-ash, from a few inches to several feet in some localities—Cd'A was immobilized for several days...a sight I shall never forget—it looked like X-mas in May snow-white! I stayed inside for 3 days before going out into 'ash-pit' town, and then for groceries; many people were wearing 'masks' over their nose and mouth to filter-out the volcanic-ash from entering the lungs. However, the rains came yesterday and washed away a considerable amount of the volcanic-ash, and things are getting back to 'normal' again. (in ASHVILLE, ha!)

During the 'ash-crisis', all mail deliveries were halted for several days, highways closed as well as most business establishments... During the worst of it, visibility was near ZERO for several days...the weather has changed drastically since then...it is quite 'cool' up here at the moment.

The volcanic-ash does have an exceptionally good side-effect, i.e. it makes very productive fertilizer for crops...

I am spending some additional time 'studying' some number-theory 'concepts' obtained from an up to date number theory textbook written by Ralph G. Archibald. The text is 'loaded' with theorems and proofs (which I like very much...) and problem-sections without answers to make one THINK out-the-solutions, etc. However, I gained much new-math-awareness of another ORDER OF IDEAS lying outside 'continuum-number-concepts'. The text implies strongly the heavy-reliance on the PRIMES (prime-numbers) to solve number-theoretic-problems.

Complex-continued-fractions on a higher-order-level of application to quantum-mechanics solves matter-teleporting 'theory' and mechanics 100%.

However, the triune-prime arithmetic that I worked-out and developed goes far beyond the number-theory concepts known today, beyond the Gaussian-concepts of congruence-theory of numbers per se...

The prime-arithmetic can be summed-up very succinctly as follows: ALL facts, all realities are CONDITIONAL; that is, the 'facts' or 'laws' of 1 reality-framework may be partially-true or valid in an alternate-reality-framework, or again toally non-valid in yet another alternate-reality-framework, what COUNTS is the INTERRELATIONSHIPS between the GESTALT-units that uniquely-determine GESTALT-FRAMEWORKS (ACTION-GESTALTS).

The integers of arithmetic could be compared to the infinite-number of MATHEMATICAL-STATES of X-KNOWLEDGES existing in a PROBABILITY-CONTINUUM waiting to become manifested.

TENSOR-CONCEPTS can be applied to the H-graphics to gain visual -insight REPRESENTATIONS of algebraic-concepts and geometrical-applications, etc. I have about 50 additional-pages of advanced H-graphic material that is quite 'mind-blowing' when compared to the limited 3-D visualization-perceptic-processes—the H-graphics could become developed into an ART using a 'graphic-computer' to map-out numerous hidden-aspects of the H-material.

In some probable-futures which I envision, 4-D and 5-D computers are used as hyperspace-navigation 'tools' (traveling the different universes via quantum-warps)... A pun: How about SYMBOLIC-SPACESHIPS of the FUTURE?

(over)

Some interesting 'results' have showed up in NUMBER THEORY via the PRIMES. I worked-out my own personal-version using the CHINESE REMAINDER THEOREM, modified somewhat, appertaining to an infinite-set of number QUANTUM-values; in other words, x-systems exist having their own unique-type of PLANCK-CONSTANT that changes 'value' from 'system' to 'system'.

Using the SPACIOUS-MIND one can travel the inner-universes via alterations of the Planck-Constant to any 'value' desired—in practical-terms, this means changing the neuron-speeds of the neurone-cell 'firings' at the synapses—which seems to be at the tensor-centers of the physical-brain.

Using the SPACIOUS-MIND, it would seem as-if 'technology' were a primitive-science developed so far, for the non-physical-mind has no need for any kind of 'machine-technology'.

It seems that the Suerni came 'closest' in developing a rudimentary-science of the 'mental-realm' based on laws from the mental-continuum—the Atlanteans were still 'stuck' at a machine-level of technology and could progress no further due to their SYMBOL-BELIEF-SYSTEMS 'pivoted-around(focused)' 'machine-symbols' — a symbol-framework 'codified' around a machine-technology.

For me, it's definitely a 'cop-out' from a machine-technology, for using the non-physical-mind, I can create any 'environment' I want once the 'mechanics' appertaining to the mental-realm is discovered and APPLIED. Beyond the mental-realm lies the inner-multidimensional-core of 'being' of each of us, and having unlimited-powers of creativity — unpredictability seems to be the 'basis' behind 'all' reality-manifestations.

Every manifested thought-form that has 'evolved' has its archtype-source within the inner-realms, the source-bed of ALL OUTER-MANIFESTATIONS.

Just re-read a second time STAR WARDS by Richard Miller, published by SOLAR CROSS P.O. Box 215, Campbell, CA 95008—retails for \$12.50 including postage. A Real BOMBSHELL, Star Wards, much info on MIND-TELEPORTING the physical-body anywhere on this planet or distant star-systems, and much rare-info on 'machine-teleporting using HEISENBERG'S QUANTUM-PLANCK EQUATION for basic-teleporting principles—data on TELEPATHY, PSI, etc.

The star-people use hyperspace-warps of I,II,..., XI times the speed of light in quantum-jumps changing the values of planck's-constant h in quantum-jumps, etc.

Great changes coming between 1980-2000 A.D. before the new-Earth arrives via a change in its atomic-vibes to a new 'higher-level'...

In the Calculus of Organizers booklet published in 1961, last-page, I stated also, the importance of the PLANCK-CONSTANT in changing the ATOMICITY of MATTER via MIND, etc.

Presently working on absorbing some new ideas in higher number theory using a basic university text current to date—however, the triune-primes transcends ALL number theory 'concepts' to date, going far, FAR beyond Gaussian Congruence-theory number-concepts. Soon some new-developments on algebraic-aspects of the triune-primes and some refinement of deeper prime-number concepts...

A certain continued-fraction development suggests strongly the validity of the PROBABILITY-PACKET HEISENBERG Teleporting-equation(Tensor-aspect readout)...

Perhaps soon the H-book hyperspace-concepts required to develop-out visual-aspects of some tensor-concepts applied to TELEPORTING... The H-book is for the new-EARTH-age commencing in 2000 A.D....



Second Einstein—
NO TIME or SPACE!

SUPPLI-BREAKTHROUGH!

8-2-80

The SPACIGIS-MIND views 4-D TIME-PLACES as a special-case only!

Dear Fry:

An astounding new-insight via the Triune-Prime Arithmetic: Each prime-unit can be postulated to have an INFINITE-BAND of PULSATING-FREQUENCIES...

Breakthrough tonite again...so vast that I can not as yet 'verbalize it in words, verbal-language is too 'linear'...

The inner-dimensional-process of actualization(s) occurs via change in a series of neurological-pulsations via the neuro-snapse-gates...

Boy! It's a BIGIE tonite for me... beyond the conscious-mind(s) projected by the multidimensional-psyche lies the primal-Godhood(ALL THAT IS)—the power-source of ALL CREATIVITIES—the spacious-mind is a 'tool' used by the multidimensional-psyche to manifest its actualizations, via SYMBOLS and non-SYMBOLS, etc.

Nothing more to say in this letter except that my Out-Of-Body projections are beginning to pay-off in ACES, period.

Neuro-pulsations(x-bands of...)
and INTENSITIES

Sincerely Yours,

George L. Brandes

P.S. Beyond the physical-universe TIME and SPACE do NOT exist—it seems as-if each reality-framework has its own built-in assumptions, that is, root-assumptions of 'reality' within a given framework.

I am quite shocked tonite: consider a point to represent 1 universe, then

(endless-dimensions of
actualization by consciousness)

physical-universe, 1 of many...I get there (other x-universes) by changing the neuron-speeds at the neuro-snapses within the brain via MIND...beyond even this-vast-awareness-level, 'words' fade-out to NOTHINGNESS! In other words DIRECT-EXPERIENCE(S) in the Out-Of-Body states, whatever U want to call it!

P.S.S. Most individuals today (99%) operate at 1 neuron-speed, have been for milleniums—a semi-conscious-state of awareness—compare this to an oscillating-fan that has 3 speeds, many individuals operate like an ordinary-fan going at 1 speed; likewise, an out-of-body projectionist can be compared to an oscillating-fan going not at 3 speeds, but n-speeds (neuro-pulsations within bands of intensities)—At least U get the crude-analogy of it anyway... we must develop-out the vast-untapped potentials of the 100k-CE PARTS of the brain, not the CORTICAL-centers...the new-self-identity represents the multidimensional-consciousness in embryonic-states so far...limitless-potentials, non-period.

9-3-80

Dear Fry:

Something very disturbing has emerged from the Triune-Prime-Arithmetic, so upsetting that I would, in a sense, rather not discuss it—perhaps beyond MATHEMATICS as math-concepts are understood today.

The triune-primes 'combine' into TRINITIVITY-prime-gestalt-wholes beyond any known exponential-laws known today.

I will gladly offer anyone a BU \$20.00 Gold-piece if they can find the p_{100} th prime-resolute of order 99 in the prime-arithmetic using the simplest of prime-cores, i.e. starting with the even-prime 2 and coprime-unit 1, and partition-specifier-chain

1^{100} .

The most modern of computers could-NOT solve the p_{100} -problem in the triune-prime-arithmetic, I state that with near-certainty of $0.99... + .$ The p_{100} -problem 'looks' easy, however, that is as far as it goes, the deeper-structure operates on the principle of TRANS-INFINITIES.

The p_{100} th triune-prime if printed-out in volume-form arrangement of its 'digits' would be bigger than the largest of libraries known today on this planet.

A re-statement in the 'previous-letter of 9-3-80. I should have said, the p_{101} th 'prime', where p_{101} is a prime-resolute of order 100 derived from the prime-core 2, coprime-unit 1, and partition-specifier-chain 1^{100} .

An aside: A Moebius-band can be either RIGHT-twisted or LEFT-twisted having their 'symmetries reversed—like 'matter' and 'anti-matter'. More so, an EVEN-number of $\frac{1}{2}$ -twists generates a DOUBLY-INTERFACED MOEBIUS-BAND that is 2-sided; an ODD-number of $\frac{1}{2}$ -twists generates a SINGLE non-interfaced Moebius-band that is 1-sided.

In my apartment I have a few of the DOUBLY-INTERFACED 2-sided Moebius-bands—the 'paths' follow a 1-sided Moebius-ILLUSION-effect(2-paths, each 2-sided in actuality), yet the interfacing 'paths'(2 in number) are actually 2-sided).

If, on first 'appearance', U traced each of the 'paths' on the DOUBLY-INTERFACED Moebius-band, U would 'swear' that the 2 paths were 1-sided, however, on opening the DOUBLY-TWISTED Moebius-band to its 'full-length', U discover after all that it is 2-sided—this can be experimentally verified by using a ball-point pen and tracing 'a path' on the doubly-twisted 'elongated' Moebius-band, it turns out that wherever U begin on the 'band', after the path-tracing, ONE SIDE REMAINS ENTIRELY BLANK. When the doubly-twisted Moebius-band becomes transformed into its interfaced-condition, the 1-sided Moebius-ILLUSION returns—U got to see it to believe it, a real-mind blaster!

P.S. In Out-Of-Body travels, U soon discover(if U are clever), that what really-exist becomes quite simple, i.e. FRAMEWORKS of CREATIVITY(S), PRIMAL-ENERGY as the SOURCE for the CU-units, the CU-units in turn manifest frameworks of creativities via IDEATIONS and the INNER-SENSES. The strongest creative-force in ALL the X-universes 'is' IDEA-thought(IDEATIONS)(s) and the expression and manifestation into 'actuality' the IDEA-THOUGHT.



9-8-80

Dear Fry:

An extraordinary-new-discovery in the triune-primes called ECCENTRICITY-DISPARITY NUMBER. The new-insight is so great that I am lost for 'words', it turns out that ALL the old-math is DEAD, period. Computers are useless in a creative-sense and merely an 'accounting-machine and nothing more.

The awesome eccentricity-disparity numbers imply that ALL ACTION-GESTALTS are essentially UNPREDICTABLE, and much more.

My super-intuitions tell me, "That's it boy!" Well, I sense(inner-sense) the new-creative-framework 'mildly' at this time, however, the inner-impressions are taking hold very-strongly and I can never go back to 'binary-maths', ever.

The SPACIOUS-MIND is far beyond any 'computer-tool' to evaluate probable-futures via probabilities, ETC.

Not much to say in this letter except that the old-math-games are USELESS when applied to any higher-order 'sciences' derived from the inner-realms.

BEYOND TO INFINITIES
of all KINDS

Fry, the only major-interest that I have left at this time, except for some 'periodic-research' on the triune-primes from time to time, is developing the use of my INNER-SENSES, and as 1 by product to learn the mechanics for physical-teleporting, ETC. Later I might learn enough advanced-mechanics of teleporting to visit distant-galaxies and I mean that 100%, because I BELIEVE I WILL DO SO...

The discovery of the eccentricity-disparity numbers(relating to vortex-resonating-aspects) is what keyed-me-in, or should I say, the PSI-trigger that opened-up a new-inner-channel via the inner-senses to probe other X-KNOWLEDGES.

Just finished an advanced-text on NUMBER THEORY and found it to be still based on 'cortical-binary-thinking-logic', and so most of it goes down the tube as being PRIMITIVE-math... TELESCOR-ORIENTED-MATH would be TRIUNE-oriented to some extent.

The kind of inner-logic the inner-self uses is NOT binary, but a TRINITIVITY-kind of ASSOCIATIVE-LOGICS of non-linearity. For example, to construct a physical-body energy-gestalt an energy-trinity-gestalt-structure is created by the inner-sense to manifest in the physical-plane, i.e. the triune-aspects in combination of INNER-SOUND, INNER-LIGHT, and INNER-ELECTROMAGNETICS complected into a triune-unified-gestalt-whole, ETC.

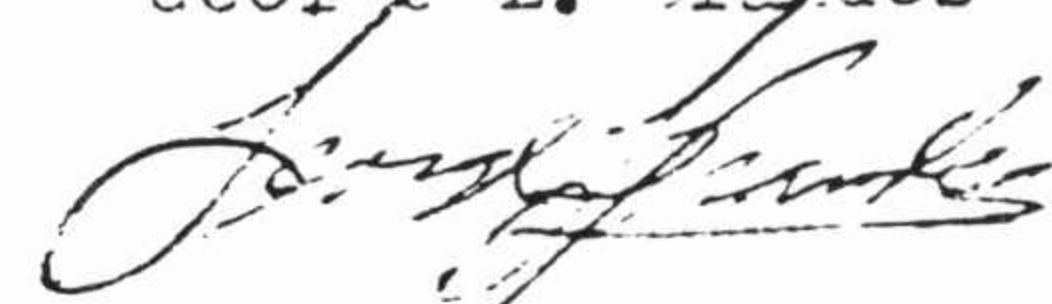
The trinity-principle has the properties of MEMORY, FEEDBACKS, ETC., ETC., and most importantly GESTALT-RESONANCE.

From this point-in-time(Earth) I believe it best to fade-out into the 'woodwork' COMPLETELY--our paper-currency seems due for a near collapse very soon, say by 1982; besides, more so, our so called 'physical-sciences' and crude-technologies will follow the DEAD-route of our collapsing-currency(GRESHAM'S LAW in 'science' too, "bad-science" drives out good-science", ha!)

An aside: PULSATING ELECTROMAGNETIC-RESONANCE GESTALT-structures NOT known to our 'scientist' today, period.

Sincerely Yours,

George L. Brandes



So-so!



0-80

Dear Fry:

Glad to hear that U picked-up some bags of silver-coins—best-deal would be JUNK-SILVER for its intrinsic-value and exchange-use in trading. In fact, about a week ago was the 'ideal-time' to begin accumulating silver in large-quantities before the next-big price-runup...

As to the H-book ADS? Well, it's 4-D visual-geometry of 'simulated-perceptics' — If U can find a way to incorporate the visual-aspect of the 4-D geometry in the ads, it just might work. Remember, about any kind of 'ad' will bring in responses from curiosity-seekers, ETC., and some orders for other ad-approachs.

A few years back, I ran an AD in FATE-mag and picked-up 2 orders for the H-book—but the AD was for a 'postpaid-book' type-ad.

Oh! Well! Such is life!

This week finally cracked-through to the 'secrets' of the inner-nature of the primes, so vast is this new-breakthrough that it crumbles into oblivion ALL binary-arithmetic.

Today I feel like a cat 'purring' in 'enjoyment' ...

The concept of ECCENTRICITY-DISPARITY NUMBERS was the 'trigger' that opened-the-door to the internal-relationships between prime-numbers per se, resulting in basic-unpredictability for any prime when transformed into gestalt-relationships—just BEAUTIFUL! GOOD BY, BINARY-MATH, forever!

Can U imagine, the Universities are still teaching binary-arithmetic in the form of generalized-algebras (closure, not open)...it's DEAD, NOW, period!

I feel I would rather-NOT-publish the awesome advanced-research on the triune-primes, 'they' would probably throw the 'key' away, U know what I mean here! The beautiful thing about the triune-primes is their basic-unpredictability (like in quantum-mechanics for the electron), in other words no ABSOLUTES of any kind in the 'sense' of completion, but incompleteness and states of becoming (endless-paths of gestaltizing)...

At the moment, I am creating an inner-framework of 'creativity' from DARK-SPACE (Black-void) to manifest some of the probable-potentials (applications) of the triune-primes via vortexing-gestalts--associative-logics (inner) seem more practical within inner-realms for activating more advanced ACTION-GESTALTS of BECOMING...

Put another way, the triune-primes 'border' on CORDELLA-type SYMBOLS from which ALPHABETS are derived—perhaps, the 'primes' should be called cordella-primes in the 'sense' (meanings) of GESTALTIZING prime-interrelationships.

Another point, many x-levels of 'consciousness' exist from primitive to very-advanced and complex-awareness-levels ... so if the binary-arithmetic is a 'product' of cortical-thinking, then the ternary-arithmetic of the primes might be called TENSCh-oriented 'thinking' (the pause of the PAUSE of reflection)—a new-evolution of 'maths' to trans-math of a higher-order of interrelatedness...

That's it for this letter!

P.S. An aside: The p_{101} -problem 'mentioned' in a prior-letter was found to have 2^{100} sub-orders of 'combinatoric-gestalts'—a rare-mammoth-prime indeed!



1-1-81

patterns.

TIME AND SPACE have lost some of the glitter to me NOW. In a 3-space cell, the linear-time sequences slow-down the workings of consciousness too much. But in psi-trance-states, no-time, no-space experiences can be had with ease; in fact, the greatest math-discoveries, inventions, etc., are created when a consciousness-unit enters a psi-trance-state bypassing the space-time 3-space cell frames as such. The alpha-state starts the psi-processes going, then in some unknown 'x-state', the inner-self creates with glee, then finally PROJECTS down again its intuitive-insights to the outer-ego aspects of its consciousness-unit to manifest 'physically' the created thought-forms leading to math-concepts, inventions, discoveries, etc.

Completed last year over 200-pages on the new Cordella-Prime-Arithmetic and numerous incredible-insights into the inner-nature of the unpredictable cordella-primes via probable-gestalt-structures using the trinitivity-concept—about a 100 theorems, most with 'proofs' of a new-kind or new-method of 'logical-proofs' combining arithmetical-and-gestalt-properties.

Presently inaugurating a new-cordella-prime-concept called MOMENT-POINT SYZYGY-GESTALTEN via GENERATING-FUNCTIONS having no-upper-bound(INFINITY(S))...

Most of my free-time will be spent on developing the IMMENSE-CREATIVE-POWERS of the SPACIOUS-MIND via the INNER-SELF, ETC. Here I part company once and for all with the 'official-mind' type of 3-space 'consciousness' to that of the MULTIDIMENSIONAL-CONSCIOUSNESS and UNLIMITED-POWERS of CREATIVITY(S).

It will be extremely interesting to see what the new-found INNER-POWERS of the multidimensional-consciousness can DO... 1 'trivial' byproduct will be 'physical' matter-teleporting via the inner-power usage.

The CHILDHOOD'S END of 3-Space 'Consciousness' is over...however not many individuals at their present-stage of evolutionary-consciousness will grasp the IMPORT of the momentous-events that begin to unfold in 1980—the trans-time-point seems to be 1982 that brings in the NEW-DAWN of a NEW-EARTH of a new-kind and 'higher-type' of SPIRITUAL-VIBRATION leading to a new-evolution of incarnate-consciousness, rather BOTH aspects for the first time, i.e. incarnate-and-nonincarnate, etc.

The new multidimensional-consciousness and its awesome-powers will begin(as NOW) as a trickle, and by 2030 A.D. become an avalanche as more and more 'individuals' become multidimensional-aware of their SPIRITUAL-HERITAGE.

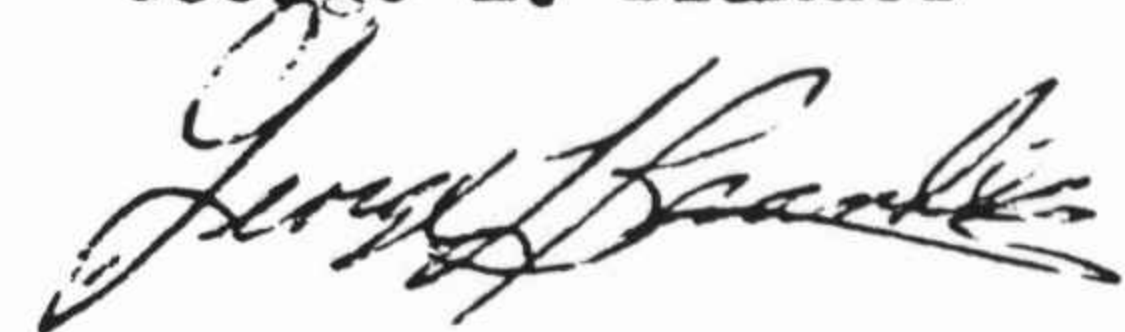
Soon hundreds of scientific-philosophies will crumble into dust once the new multidimensional-consciousnesses begin to manifest their inner-powers using the SPACIOUS-MIND—the 'brain' is a biophysical-counterpart of the 'mind' (the spacious-mind is non-physical and occupies no SPACE or TIME, the spacious-mind's laws are MENTAL and do not 'obey' any physical-laws, the source of 'all' physical-laws come from the inner-powers used by the spacious-mind via ALL THAT IS—each unique-individual is a part of ALL THAT IS—the AT ONENESS 'state' is yet to be realized...

An aside: By 2030, the medical-profession will cease to exist...

Well Fry, it seems as-if the 'fun' will begin NOW as OLD-EARTH passes away and NEW-EARTH comes into being and manifestation—the old 1-line of 'flatland-consciousness' will ^{hold} the 'pass' for a while longer as the last of the old-guard, but the onslaught of the emerging new-guard will soon crumble away the pass held by the 'old-order' of the so called official-consciousness—in all probability, I did say, 1982 the turn-point or trans-point as NEW-EARTH comes into being. However, a lot of the old-guard of the official-consciousness will be around to see their ILLUSIONARY-EDIFICES crumble away into dust, this can't be helped, for the new-age of MIND has arrived, circa 1982—here's an oddity, $1 + 9 + 8 + 0 = 9$ (super-summed twiced)—casting-out of 9's year, ha!

Sincerely Yours,

George L. Brandes



$A = A$, $A \neq A$ (if referenced): ACTION upon itself
 $1 = 1$, $1 \neq 1$ (can be both)

Dear Fry:

Just received your short-note today and 'folio-info', however, just a few days ago as 300-pages on the prime-arithmetic was breached, a new-discovery happened that has left me utterly astounded that I have now decided to cope-out completely from the official world-viewpoint of thinking. The new-discovery brings into sharp-focus the utterly strange gestalt-properties of prime-packings and the referencing-process applied to unreferenced-primes, more so, conditionalities of the referencing-process determine which prime-universes a given unreferenced-prime will manifest in, this is NOT binary-math: a gulf exist between the binary-arithmetic and the triune-arithmetic. A prime-product of primes can exist, but more so the 'same' prime-product may be part of an action-gestalt in part, whole, or 0 in most cases (this implies fusion-concepts here, i.e. prime-packing somewhat analogous to hydrogen fusion-packing). I am still in a math 'mental-shock' at this latest-discovery, even much of Gaussian congruence theory collapses within the new-framework of the gestalt-prime-arithmetic. Perhaps I have gone so far, that the triune-concepts would be entirely 'alien' to most present-day mathematical-thinkers. The only thing that survives in the prime-arithmetic appertains to GS (General Semantics), i.e. the employment of GS-concepts in the prime-arithmetic bears 'fruit' as nothing else does, and more so stresses the tensor-approach of math, that is, MIND-BODY interactions of inner-outer-symbolizations.

I will go back now and see what can be done on reflecting-reflecting- ... upon the 300-page 'fragments' on the triune-prime-arithmetic to date. Whatever I call it, the 'primes' have astounding arithmetical-properties never seen in the shadowland-binary-arithmetic. Yes! I have stumbled on SOMETHING BIG, but where it will lead has me even uncertain at this time.

When, as above, a 'prime-product' is purely binary, but a prime-packing-product is NOT binary and depends on a set of conditionalities to have meaning in the prime-arithmetic, and more so, the 'concept' of IDENTITY-ACTION GROWTH becomes paramount in the prime-arithmetic. A prime-packing of the 'same' primes within 1 prime-universe goes 'dead' or inactive within another prime-universe via a change in the referencing-process: each prime-universe has its own codes and strangelike-properties.

Perhaps I am getting carried away indirectly from another 'unconscious' aspect or side-viewpoint, for what the 'primes' have shown me to date implies that fusion-energy is far more than what the 'experts' assume, and it is utterly sickening at the paucity of creative-concepts found today in fusion-research, they are trying to approach fusion-energy the wrong-way 100%, i.e. a purely physical-phenomena, which it is NOT.

In probable-future 'evolutions' MAN will have no need for 'machines', perhaps more on the order of symbolic-machines to direct energy-flows (PSI-energies), etc.

As to the H-book O.K., and 'Health Research' outlet for H-book ideas I have no objections, but the triune-prime-arithmetic may be too far ahead of its time, and too far-out: simply put, the triune-prime-arithmetic lies OUTSIDE of the framework of present-day mathematics, it is a complete-break-away from present-day binary-mathematics.

Yea, I stumbled onto something super-big in the higher-prime-number-theory, enough to satisfy my interests to date: Now the change again to actualization of alternate-realities while still using a physical-body in this space-time 'reality'.

Yea, if Korzybski was around today, the triune-prime-arithmetic would challenge his imagination to the utmost-limits, then beyond limits... A.K. would call it DEBOUCHE!, the opening or way-out into uncharted-regions to be explored by INTELLECT-and-INTUITIONS, or for short, the 'high-intellect' awareness-levels.

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Fry, I went further than U suspect in the development of the hyperspace-geometry. Many unpublished-papers on more advanced hyperspace-graphics, particularly for the elusive DOUBLE-CYCLINDER in hyperspace: more astounding yet, and the most intriguing H-graphics NOT published in the H-book appertaining to the 3-dimensional extension of the theorem of Menelaus to that on the hyperspheric-graphics; this requires an 'extension' of ideas used via logic-grids found in the H-book. Using the extended Menelaus theorem we can determine whether 'points' lie on 1 great-sphere or not, i.e. given any 4 points ^asatisfying a relation like

$$\frac{AP}{PB} \frac{BQ}{QC} \frac{CR}{RD} \frac{DS}{SA} = 1 .$$

In fact, in my apartment I have the equivalent of Menelaus' theorem, a constructed 3-space equilateral-tetrahedron with a skew-surface of criss-crossed strands mapped onto its interior, and this skew-surface is none other than Clifford's-Parallels projected onto the skew-surface from the hypersphere, that is, for a quadrant of 90° only. The Elliptic-geometry of it seems very strange, however, one can work from the skew-surface back to the hypersphere and visualize the process directly using the H-graphics. The skew-surface is such that it is, indeed, a skew-square, but having 60° corner-angles, all its 4 edges are skew, i.e. the skew-square does NOT lie in 1 plane but in space; 90°-angles do NOT exist on the skew-square, the skew-surface is 'pitched' implying that it is a regulus-generated skew-surface having strange geometrical-properties. If U project the skew-square via a light-bulb source, its projection onto a wall will be such that the wall-projection will form a perfect-square (perfect-squares of a lattice-network), each corner being ^a90°-angle, and we have then a planar-surface in 2-space of plane-geometry. We go ^{he} from great-circles cutting each other at 90° (network of) to a 3-space projection on a skew-surface whose boundary-edges are such that any two of the boundary-edges intersect at 60°, then a projection again into 2-space giving us a planar-square such that any two boundary-edges intersect at 90°: We have go ^{he} from 90° to 60° to 90° in two projections, i.e. from 4-space to 3-space then 3-space to 2-space. The ideas and concepts found herein can be visualized 100%, or 4-space H-graphics, 3-space skew-model, and flatland wall-projections, ALL interrelated geometrically: that is, interrelated to the hypersphere.

That is it I guess! Seems I may be living on the 'wrong' earth-planet in space-time, rather, alternate earth space-time coordinates. Earth, or the 'consciousnesses' of this alternate-earth havn't advanced much beyond the freeze-frame time-concept, and to venture to the 'stars' requires another extended-concept of 'time', i.e.

TANGENTIAL-TIME .

Who wants to live in a self-contained-cacoon of ignorance? Many do, ha!

An aside: The H-book will activate new synaptic-patterns within the brain, or activate new neuronal-synaptic-connections once 4-space viewpoints are considered a possibility for MANIFESTATION.

Collapse of Einsteinian-Math

A few weeks ago I cracked the stupendous secret of 9-MAGNETICS using Planck's-Constant as MODULUS and some data from a basic teleporting-equation—the essential-point or pivotal-focus appertains to NON-LINEARITY, i.e. a non-linear technology of 9-magnetics.

The most astounding property of 9-magnetics completely by passes Einsteinian grade school math for 'children'. AT warp-9 using 9-magnetics it turns out that at the 9th-level quantum-state a magnetic-spacecraft (cancelled inertia within the magnetic force-field) attains this very high-order multiple light-velocity (tangentially)

$$c^{512+} ,$$

believe it or not! At such warp-velocity light-years can be traveled in seconds, a 1000 light-years in minutes at lower quantum-levels of 9-magnetics, then back to ground-state of normal space-time coordinates translates a magnetic-craft a 1000 light-years in 'ordinary-space', etc.

$\pi(\pi)$.

Dear Fry:

Thanks for the "Math Entertainer" by Philip Heafford...picked up a few ideas from reading it, however, most of the info in it I already know.

Remember way back a few years ago U asked me what the 'true-value' of $\pi(\pi)$ is? Now I have the answer for U. However, before we can define a unique-value of pi that is NOT random in its decimal-part we must relate pi to a frame of reference, i.e. we do not say pi, but that for at least 1 value of x-pi we can generate a non-random decimal-point value. Not an 'absolute-pi-value' but 1 possible-value of pi that will satisfy certain stipulated-conditions and therefore giving us the 'x-value' for x-pi that we want.

Without going into the 'math' behind it, it has been found that x = magnetic, or we use magnetic-pi(not pi) and defined as follows:

$$\text{magnetic-pi} = 3.\overline{148} = 3.148148148148148... \text{ ad. inf.}$$

This is the pi-value, rather, magnetic-pi-value used in the GREAT PYRAMID, and derived from magnetic- ϕ = $1.5\overline{740}$. U multiply $1.5740740740... \text{ ad. inf.}$ by 2, and U have generated magnetic-pi.

The magnetic-year = 367.20, not 365.24, observe that 36720 = 9 when summed multiply, i.e. $3 + 6 + 7 + 2 + 0 = 18$, then sum $1 + 8 = 9$ (a principle of 9-magnetics).

The precise quantum-timing-principle is based on magnetic-timing of electron-spins, etc. Magnetic-timing appertains to NON-LINEAR TECHNOLOGIES, period.

Well that about blows to pieces the entire base of orthodox-science as taught in the universities today based on 'mechanical-time measurements', and inaccurate...

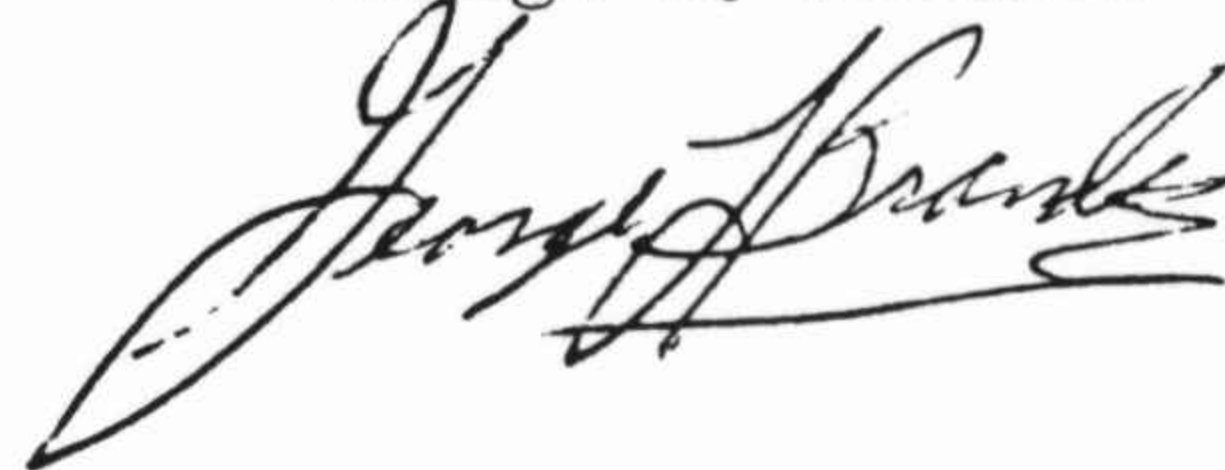
Magnetic-pi and magnetic- ϕ are related to the alignment of the North Star, period.

We can say, then, that using a magnetic frame of reference that 'pi' becomes or takes on a unique-type of non-random decimal-point, and therefore we have magnetic-pi defined in that 'context'; however, in a non-magnetic frame of reference, 'pi' takes on random-values in the digits of its decimal-point part, this we can call(define) as random-pi for short.

I believe that will answer your question about the unsolved 'pi-problem', i.e. it becomes resolved using a magnetic frame of reference and non-resolved using a non-magnetic frame of reference—case closed!

Sincerely Yours,

George L. Brandes



P.S. When 'mathematicians' see this pi-answer it will really befuddle their turkey-mind-thinking, ha! U don't get to the stars(hyperspace-travel) using random-pi...

Note: Before we can define magnetic-pi we must 1st define magnetic- ϕ of the GREAT PYRAMID—which I have discovered—a beautiful vortex-harmonic...based on other Great Pyramid 9-magnetic measurements.



Dear Fry:

I have put a lot of deep-thought on 9-magnetics...mental-visions of what is to come...

The Searl 'levity-disc' would disintegrate at superlight-velocities with present-designs. A 5M Gaus magnetic-field encapsulating a spacecraft would sustain hyperspace-molecular-stresses through quasi-matter-states (other mass-spectrums). The crucial-problem is getting a fusion-generator to generate the intense-magnetic-fields.

A fusion-vortex-reactor implies a magnetically-aligned hydrogen-vortex or hydrogen-atom PACKING into a tight-vortex to bring about the enormous rise in temperature and pressure within a vortex-space—billions of hydrogen-atoms magnetically-aligned into a tight vortex-space or vortex-packing-space, and the outcome becomes a LIVE fusion-vortex of LIVE-atoms that fuse into higher atomic-masses giving off enormous amounts of FREE-ENERGY... A fusion-process is a white-hole vortex. Looking at a chart on PACKING FRACTIONS for the atomic-elements U would find that hydrogen has the best packing-ratio, i.e. the greatest energy source via hydrogen-fusion...

Yes! I received the Playfair Geometry book from U some time ago—It seems to be a classic in its way... It seems Americans do not take to 'geometry' too well in these times of 'scientific decay' materialism, by that statement I mean 'Americans' haven't the 'time' to waste on something so impractical, so it seems...

The ART of Geometry is a very creative-science for those with inner-vision to SEE. The H-book trains the 'mind' with new-eyes in interpreting 4-space PICTORIAL-RELATIONSHIPS GRAPHICALLY, similar in many ways to 3-space geometry and yet DISSIMILAR in numerous other ways; the PATTERN of RELATIONSHIPS is the key to it all, i.e. geometric-elements by themselves mean very little, what counts is the pattern of relationships between geometrical-elements, period.

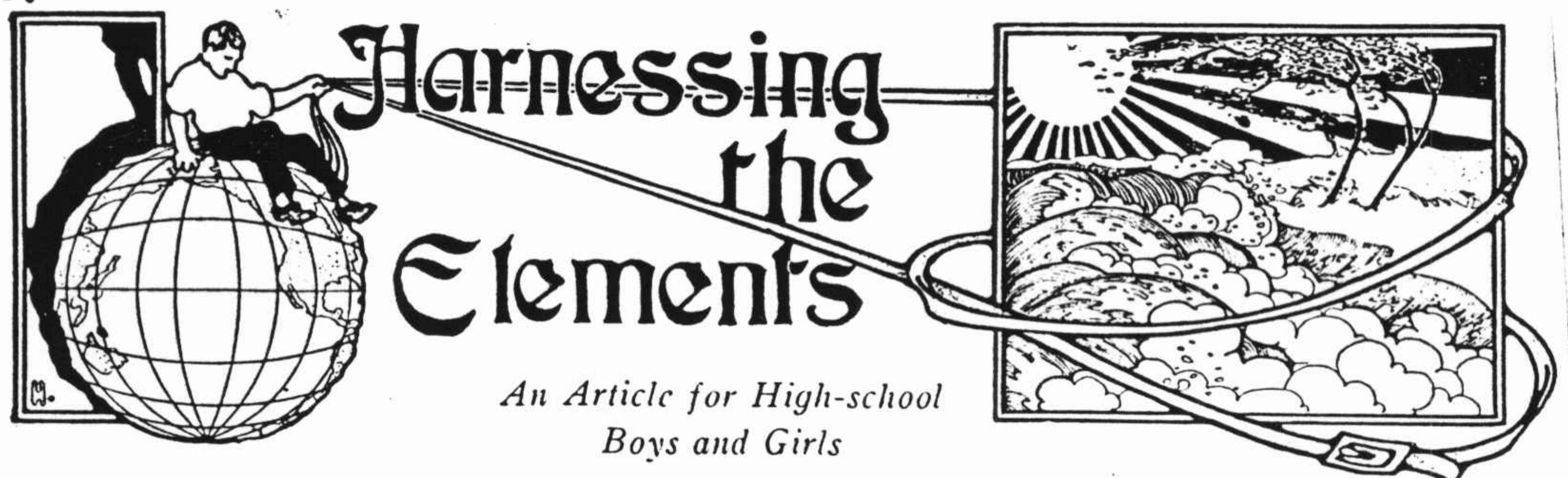
Big day today! Some astounding breakthroughs on GESTALT-SYMBOLISM on the algebraic-primers which is NOT binary-symbolism but ternary-symbolism. Computers can't handle ternary-logic of gestalt-relationships. In fact in many ways computers are too restricting when the 'high-intellect' is used, by high-intellect I mean a fusion of intuition-and-reason working together holistically. To me a computer is still a glorified 'adding machine' with a program to carry out the routine adding.

Digital-Electronics merely Boolean-Algebra via high-logic (higher-voltage-level) and low-logic (low-voltage-level) electronic-circuits having but 2 voltage-levels, etc. I have built many digital-circuit designs and tested them out, and still I call it a glorified electronic-adding-machine—the only good thing about it all, SPEED and PROGRAMS for routine-problems instead of paper-and-pencil.

I work faster using my 'high-intellect' instead of a computer, period.

Well, not much more to say, only that the Out-Of-Body projections have opened-up for me some astounding insights into the coming mental-sciences of tomorrow. Like SETH sez, "The human species must mutate and create a new probable-species and explore the inner-lands of the MIND." How true! SETH sez, "The quality of life is more important than survival as a species, and if the quality of life falls off then the species becomes extinct historically as-a-way of life."

All in all, these are fantastic times, the passing of an old-cycle and the birth of a new-cycle.



Sustained Fusion-Process
in a Nutshell!

No more/No less = Exactly So



Dear Fry:

My confidence has jumped 1000%+ ..., that is, the new-developments appertaining to the fusion-process per se.

In the last letter, I believe the 'name' ULUM should have read ULAM instead.

Going over hundreds of prime-packing for the prime-gestalts(gestalts of relatedness for the cordella-primes) strange prime-events take place via the cordella-prime coprime-alignments. The vortex-cores chosen imply prime-packing ranges from extremely-light prime-packing to extremely-heavy prime-packing. The loner prime 2 has the most amazing gestalt-properties not found among the other cordella-primes(odd-primes), besides, the prime-core 2 is the easiest prime-core to work with since it has but 1 coprime belonging to it. In the ternary(triangulistic-prime-arithmetic) prime-arithmetic, coprime-alignments are critical as seen from the concept of the e.d.n.s(eccentricity-disparity-numbers) for each prime-gestalt order or level. The internal-gestalt-structuring via the Kwanyins becomes very subtle-subtle once the FOHAT-numbers(induction-coders) are fed to the Kwanyin-types to manifest the prime-gestalts HOLISTICALLY, and the 'activated' competence-numbers take strange-turns as they bring about the resolution of a prime-packing(s).

So much for the combinatoric-prime-arithmetic!

Now from a knowledge of the combinatoric-primes we can deduce that a fusion-sustained-reaction can be enhanced greatly using vortex-core hydrogen-packing of the hydrogen-atoms, and once we MODULATE the magnetic-alignment(extremely all-important aspect of the fusion-process) of the hydrogen-atoms, forming a vortex-whirlpool, then due to tight-packing of the hydrogen-atoms spinning into the vortex-whirlpool, we have brought about the crucial-condition to initiate the start of a sustained fusion-reaction, i.e. as the hydrogen-packing becomes tighter FRICITION occurs bring^{ing} into existence TEMPERATURES of very-high-order(like that in the sun), and from their we generate the other conditional-forces to keep the fusion-process self-sustaining, i.e. radiation and pressure.

Extremely more so, and perhaps, all-all-important, once we modulate via mental-symbiosis the fusion-process directly(PSI-fusion) then the fusion-reaction becomes enhanced beyond one's wildest-imagination, in turn, we are lead to astounding new-discoveries of a limitless power-source...

The way I see it, i.e. it is-NOT the problem of a sustained fusion-reaction, but rather the unsolved-problem of dissipating and 'controlling' the enormous-energy derived from the fusion-process per se, that is, without overloading the fusion-reactor per se.

Such enormous-energy requires a non-linear technology approach, period.

Fry, the biggie of the sustained fusion-process is to get the hydrogen-atoms to be packed-tightly within a vortex-space via vortex-magnetic-alignment, thereby bringing into existence FRICITION as a means to bring-about thermal-levels of temperature within the sun's-range for a sustained fusion-reaction. MAGNETIC-ALIGNMENT is the principle for hydrogen-atomic vortex-packing, no hydrogen-packing, no fusion-process, period.

According to New Scientist (Feb. 14, 1980), Henry Wallace in December 1971 was granted a pair of U.S. patents for devices to generate an "anti-gravity" field. (see Research Corner later). Wallace claims that with his machine at speeds of approximately 20,000 revs/min., a polarization of the spin nuclei of the alloyed metal occurs. If one wheel is balanced on a knife edge, it begins to oscillate under the influence of the other. If the spinning

wheels are rotated around another axis, a secondary gravitational field is created which reduces the wheels' weight. If a sufficiently strong field is created, it can generate localized areas of gravitational shielding and thus provide an effective propulsion force. This energy field is non-electromagnetic and named by the inventor as a "kinemassic forcefield". Although originally deemed as absurd, the

WALLACE DATA IN PROPULSION FOLD #3

Sincerely Yours,

George L. Brandes

patents reportedly are being researched more thoroughly by the U.S. military and it is thought that authorities are regretting that the patents are available for anyone to read. NEWSLETTER

POSITIVE THINKERS
PO BOX 2362B
FT LAUDERDALE

200
FLA 33307

Dear Fry:

To bring about a sustained fusion-reaction it can-be-done 100%. The solution is extremely simple in 'concept'. What is the solution?

Well! As U know numerous 'forces' are needed such as radiation, temperature, pressure, but the secret lies further-back and a new frame of reference point is needed. Let me explain:

To bring a thermonuclear-reaction to the activating-point we need ^asustained-temperature of very-high order that can be held for at least 1/10 second or so. Now drop the 'concept' of thermonuclear' and replace it with a more precise-concept and descriptive-terminology, i.e. MAGNETO-THERMO-VORTEX-REACTION, this means that we need a vortex-core of magnetically-aligned hydrogen-atoms that can SPIN into the vortex-core producing a high density-level of packing, the more packing of the POLARIZED hydrogen-atoms within the vortex-core the greater the packing-process (somewhat like in the prime-arithmetic theory), then due to the enormous packing-density and MAGNETIC-ALIGNMENT of the hydrogen atoms we generate extremely-high-temperatures initiating magneto-thermo-vortex-reaction in the temperature time-period required of at least 1/10 second, thereby bringing ^{ing}the fusion-process to sustained-reaction.

The polarized hydrogen-atoms can be accelerated more so using PSI-energies or mental-symbiosis with the fusion-process directly, thereby enhancing enormously the fusion-reaction.

To understand the PSI-aspect in 'detail' see the H-book p-128 on ADDENDUM, i.e. MULTIDIMENSIONALITY AND THE MATTER-SPECTRUM.

There U have it, the principle of sustained fusion-reaction!

P.S. In the prime-arithmetic there exist an infinite number of induction-coders for the KWANYINS to generate endless prime-gestalts or prime-packing of 'primes' via the vortex-principle—more so, no 2 prime-gestalts are the same, the induction-patterns used to generate the prime-packing are without count—each induction-coding-pattern generates a unique and eccentric prime-packing of the cordella-primes and the prime-resolutions are likewise countless.

The prime-gestalt properties are utterly STRANGE. Each vortex-core (prime-core) manifest in its own frame of reference its own prime-univers of manifesting prime-gestalts. Each prime-universe is referenced by its own unique prime-core bringing about its own unique-evolutions in the prime-gestalt formations...

Sincerely Yours,

Geo
120
Cd



BABYLON THE GREAT

P.S.S. Did U know that Teller and Ulum, particularly Ulum, used prime-number theory for ideas suggesting how to build a 'thermonuclear-devise'? 'Tis so, something NOT talked about in the number theory of primes. However I have gone far, far beyond present-day 'concepts' of primes and into a new-kind of prime-number theory called COMBINATORIC-PRIME-NUMBER-THEORY via the VORTEX-CONCEPT—Induction-Coders and Kwanyins...

Dear Fry:

To visualize 9-magnetics as applied to hyperspace-jumps in power-multiples of c , take a log-graph and plot these functions:

$$y_i = c^{2^{x_i}}, \text{ where } x_i = i (i = 0, 1, 2, \dots)$$

$$t_{y_i} = x_i + t : \text{ using the log-graph } \underline{\text{twice}}, \text{ doubly.}$$

Example: Take $i = 1$, then $y_1 = c^{2^{x_1}} = c^{2^1} = c^2$, and $t_{y_1} = x_1 + t = 1 + t$ (future-time-frame): we have also $t_c^2 = 1 + t$. Take $i = 2$, then $y_2 = c^4$, $t_{y_2} = 2 + t$, or $t_c^4 = 2 + t$.

On the log-graph $y = y_i$, $x = x_i$.

This is a crude-approximation only, nevertheless quite accurate otherwise...

Using future-time-frames corresponding to the Planck-Constant power-multiples, which in turn correspond to power-multiples of c , we can compare the future-time-frames that successively overlap in 1 second time-intervals as follows:

$$\begin{array}{ccccccc} c & c^2 & c^4 & c^8 & \dots & c^{2^{x_i}} \\ t & x_1+t & x_2+t & \dots & x_i+t \\ t & 1+t & 2+t & 3+t & \dots & i+t \text{ (} i \text{ in seconds) } \end{array}$$

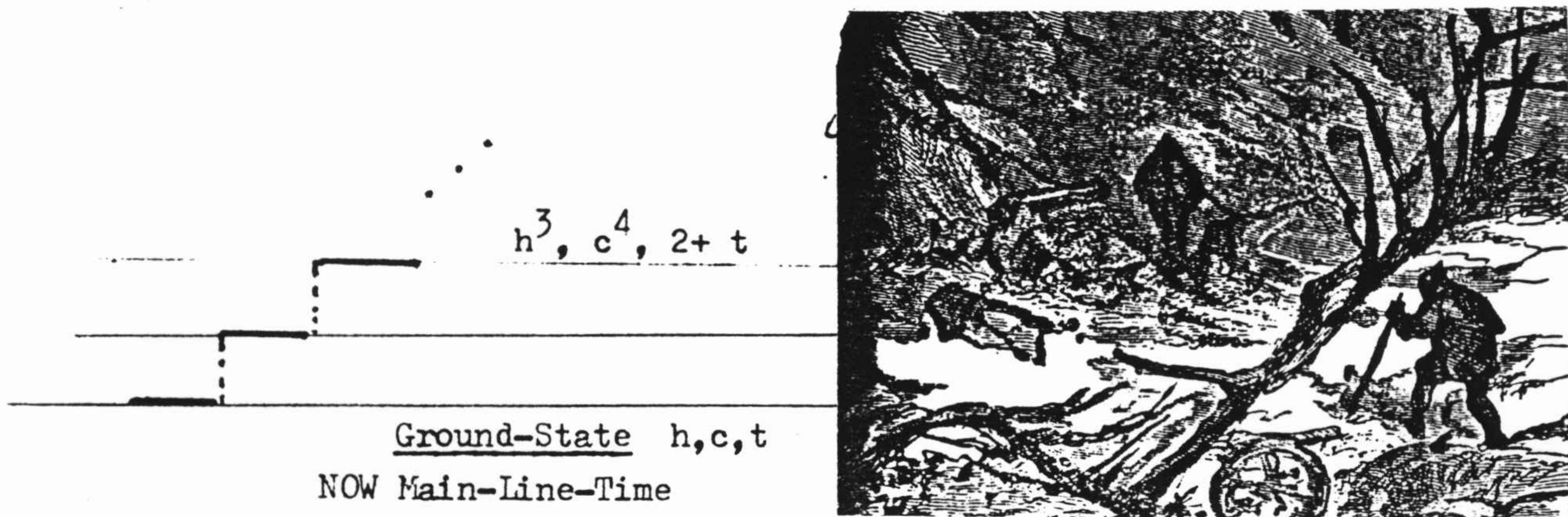
In effect, what U have is FOURIER STEP-FUNCTIONS of overlapping time-frames, and h^{i+1} represents the Planck-Constant timing-principle in power-multiples of h .

Observe that $(x_{i+1} + t) - (x_i + t) = (i+1) + t - (i + t) = 1$ (an invariant of 1 second difference separating adjacent time-frames that overlap slightly, and the 'higher' quantum time-frame 1 second in the 'future'. Therefore we see that the Planck-Constant is a timing-principle separating adjacent time-frames, but this can only be achieved using $h_{i+1}^{x_i+1} = h^{i+1}$. If $i = 0$, we merely have h , c , and t (ground-state).

This info is 'alien' to the defunct Einstein-Physics, since we are dealing with MAGNETIC-FIELDS and INERTIALESS-SYSTEMS.

I do know for sure that the Einstein-physics is a DEAD-physics that has little relevancy to starship travel.

As Einstein said, "Nothing can move faster than (light)". Ha!
Einstein-Physics is a freeze-frame physics only, period.



Analogy: Like a stack of overlapping film-strips...

New Physics SYMBOLS:
New-Realities

Postscript to prior-letter
of same date

1-13-83

SUPER-INSIGHTS on 9-Magnetics

Dear Fry:

I got it now 100%, maybe 1000%! After I wrote U the last-letter, about an hour later my inner-eye was literally bombarded with new- and fresh-insights on HYPERSPACE-MAGNETICS.

So simple, a child of 3 can understand it, but to do so, old core-beliefs must be discarded completely, and most importantly, the Einstein-method of physics must be DROPPED, like shattered-glass!

Here it is, suppose(DO IT PHYSICALLY!) U take a rubber-band and consider it as 1 MAGNETIC-LOOP of force, now stretch it out so that the rubber-loop is almost like 2. parallel-lines, let it go!, it will snap-back its 'loop' but in the process the rubber-band will sail like hell through the air in the meantime. It is ALL-IMPORTANT that U understand that energy was needed to stretch the rubber-band-loop. However, the rubber-band-analogy terminates too soon...

Now the biggie! Replace the rubber-band-loop for a magnetic-loop of force and the physical-energy supplied to the rubber-band-loop by a FUSION-GENERATOR. Boy! Is this thing BIG! Now as before use the magnetic-force-field created by the FUSION-ENERGY(self-sustaining free-energy) to 'bend' or 'snap' the a magnetic-loop into PARALLEL for an instant, then the 1st-surge of magnetic-force is sufficient to take the magnetic-field (INERTIALESS) spacecraft to the velocity of light-squared to the 1st magnetic-quantum-level

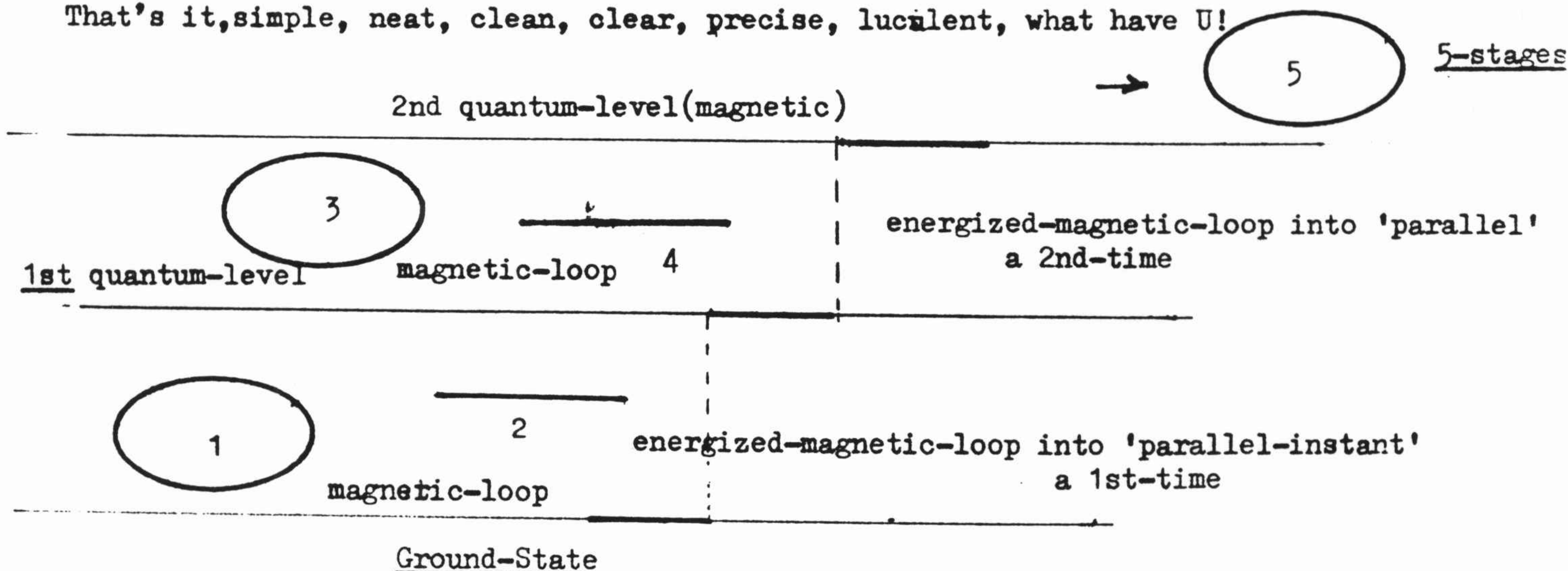
Now the MOST-INTERESTING ASPECT YET... Once the 1st magnetic-quantum-level is reached, the fusion-generator can supply additional-energy for the next-surge of magnetic-force by taking the magnetic-loops a 2nd time and snap them into parallel for an instant, resulting in a 2nd-surge of magnetic-force propelling our magnetic-field spacecraft to the 2nd-level squaring of c^2 , i.e. : in actuality, the squaring will be somewhat more than

$$(c^2)^2 = c^4$$

c^4 , more-like c^{4+} .

Perhaps we could call it a vibrating harmonic magnetic-loop!

That's it, simple, neat, clean, clear, precise, luculent, what have U!



Sincerely Yours,

George L. Brandes

Dear Fry:

This past month discovered an extraordinary-signification in the triune-prime-arithmetic: MAXIMAL-PRIME-PACKING-GENERATORS for Induction-Coders, which in turn activate syzygies of a special-kind of gestalt of relatedness. More so, and to me at least, the all-important discovery in a new-math of a different kind or species that for the first time operates with gestalt-algebraic-symbols—no other 'math' today can handle gestalts of relatedness 'concepts', the old-eyed math is still binary and very primitive as to 'conceptualizations. The triune-prime-arithmetic employs General Semantic principles to a high-degree. The 2nd big discovery is the 'universal-concept of IDENTITY-ACTION PROCESSES, i.e. where 'identity' exist and remains invariant to itself yet changed in its gestalts of relatedness via ACTION UPON ITSELF—truly an astounding discovery of vast implications.

Today I am somewhat crestfallen...with the new-developments in the prime-arithmetic of COMBINATORIC-PRIME-GESTALTS: it seems as-if the gestalt-properties increase at an exponential-rate, and more so, branching-off into infinities and unfolding new gestalt-properties without end, limitless, that is.

Jumping prime-universes and finding common gestalt-relationships can be a problem at times, for conditionalities are implied using gestalt-relationships among the 'primes' as such...more so, certain conditionalities bring about common-gestalt-relationships, other conditionalities none, and still other conditionalities some among ranges of the prime-universes.

I have about 300-pages on the new-prime-arithmetic to date, but where it is leading to seems to be more uncharted-regions beyond shadowland-mathematics. The 'math' of today, sad to say, is very primitive-symbolism...

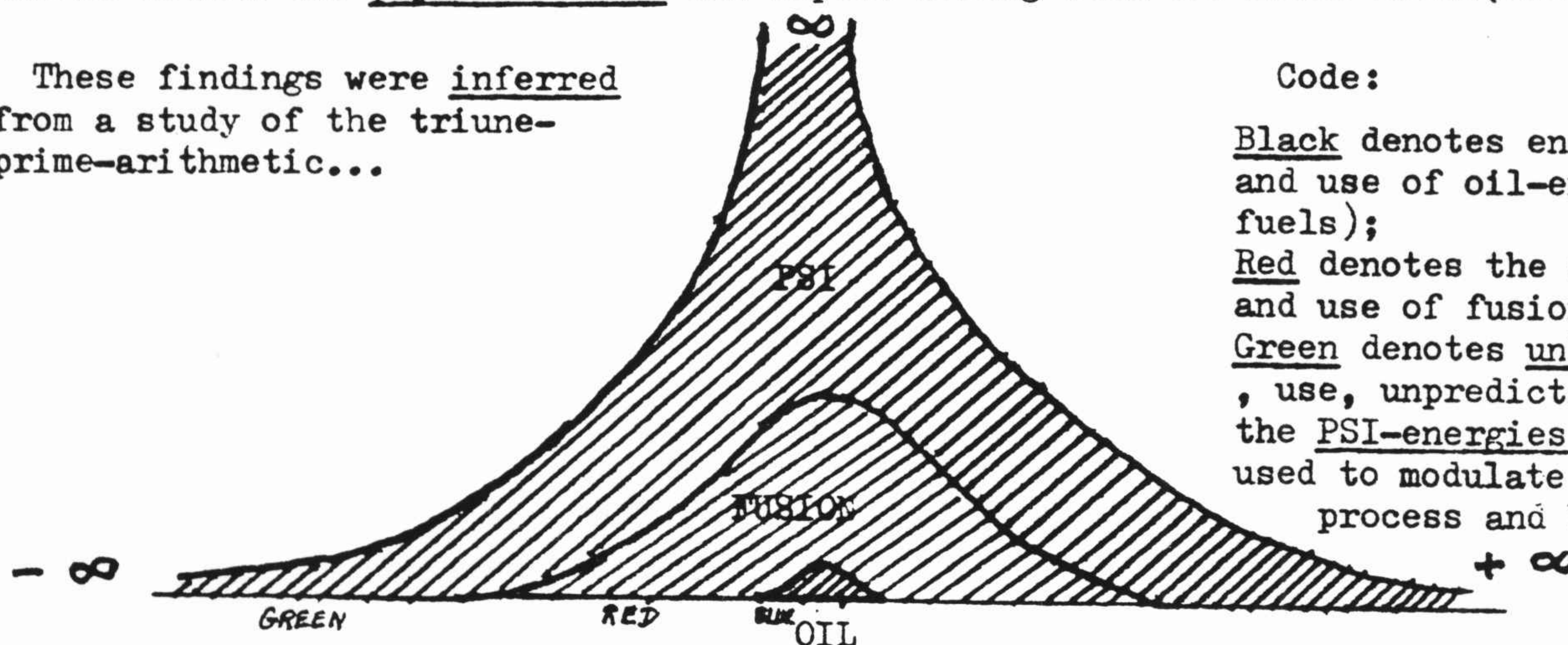
The triune-prime-arithmetic shatters like glass the entire binary-edifice of present-day math including 'computers'. The triune-prime-arithmetic has left me 'shocked' to the core and is taking me some time to get over the pre-conditioning of the old-eyed-math of the binary-type.

Perhaps the most extraordinary thing about the gestalt-prime-arithmetic appertains to a new-creative-principle employed for the first time, and it is: The design of new-symbols with new-properties to handle the ever-expanding gestalt-relationships. In the prime-arithmetic two kinds of primary-symbolology exist, i.e. the unconformability-symbols used at the 'calculation-level of abstraction, then the conformability-symbols designed and formed to handle the gestalt-level of symbolism (a higher-order of abstracting using General Semantics).

At the gestalt-level of abstracting, the whole-is-greater than the sum of its parts.

Herein is enclosed a graphic on the astounding extension of energy-concepts of a new-order of awareness or existence, so vast as to leave the imagination challenged as never before within the physical-realm via inputs coming from the inner-realm(energy-concepts).

These findings were inferred from a study of the triune-prime-arithmetic...



Code:

Black denotes energy-extent and use of oil-energy(fossil-fuels);
Red denotes the enormous extent and use of fusion-energy;
Green denotes unlimited-extent, use, unpredictability using the PSI-energies: psi-energies used to modulate the fusion-process and beyond, etc.

Sincerely Yours,
 George L. Brandes

George L. Brandes

The most-imortant letter to date
on starship-propulsion-systems
It will UNGLUE the entire
Scientific-Community of Flatlanders.

3-30-83

Dear Fry:

Got it now! Hyperspace-travel via magnetic-force-fields, tis 'all' clear-now 100%. What kicked it off was a letter from Glenn J. Beaumon The III. I was trying to figure out this guy's address from his long-hand writing...etc. To reply I need his address, but he lives in Denton, . I figured from his cipher-scrip using 3 of those 'square-root x like signs, 3 alike, to mean he's from Texas--to be sure I will check it out at the post office Monday morning.

Now then what keyed-me-in was what Glenn said in his letter about possible propulsion-systems—I jumped to the inner-intuitive-level to evaluate his emotional-feelings on the matter, found he was still in the dark by far, far. In fact nearly 'all' researchers today have missed the KEY-factor in hyperspace-propulsion systems. Yes, magnetic-force-fields triggered-off via fusion-generators, but there exist one extremely-important-clue that I discovered today on how to begin designing starships for multiple-light-velocities beyond c into ranges from c^2, c^4, \dots, c^{512} .

It is so utterly simple in concept that I wonder why I had not seen it before. Here it is as follows:

U change, literally, the space-time frame of reference about the spacecraft to another space-time frame of reference which implies a corresponding change in dimension of the space-time coordinates about the spacecraft. To bring about an alteration of dimension(s) about the spacecraft it must be encapsulated with a magnetic-field within the 5 million Gauss range of field-intensity (flux-field), then with the cancellation of INERTIA about the spacecraft the next step requires warping the magnetic flux-lines of force into parallel for an instant, and each surge-jump of the magnetic-flux-field propells the magnetic-spacecraft into the next higher-dimension via a POWER change of the Planck-constant. The serial-universe dimensions interlock in quasi-matter-states of proportionality via the Planck-constan power multiples. When U change the magnetic-force-field intensities U literally alter the frame of reference of the magnetic-field(F_1) into a new interdimensional frame of reference(F_2), etc.

Taking the different frames of reference we have this 1-1 correspondence with multiple-light-velocities as follows:

$F_0, F_1, F_2, \dots, F_9$: this 'relatively'so ...
 $c, c^2, c^4, \dots, c^{512}$

I need not say more, however, to bring about changing of the Planck-Constant to higher-power multiples(dimensional-timing-principle) into a physical-translation of theory into practice it becomes imperative to have FUSION-GENERATORS to build-up the very-intense MAGNETIC-FORCE-FIELDS required for hyperspace starship travel: no fusion-generator, no starship propulsion-system, no alteration of frames of reference interdimensionally of the space-time coordinates: magnetics, rather, 9-magnetics the key in altering the frame of reference of space-time coordinates(the pea-brained Einstein never saw with his 'old-eyes' of 'perceiving' other x-realities: in fact, the H-book tells us that on the 4-space level, the 3-space frames of reference are infinite, etc).

New-astounding breakthroughs on the prime-arithmetic--have now around 312-pages and still going strong with it, maybe someday I will publish it in compendium-form after abstracting-out the core-material around which it is built.

Sincerely Yours,

George L. Brandes



More all-important info coming out of the teleporting-equations... As was stated in earlier papers that magnetic-force-fields needed for physical-teleporting, etc. But what has been overlooked by many 'researchers' is, a magnetic-force-field vibrates at various field-intensities when magnetic-field disrupters propel a magnetic-field craft to multiple light-velocities and that such a magnetic-force-field type craft generates its own SPACE-TIME COORDINATES about it WITHIN many QUANTUM-LEVELFRAMES of REFERENCE.

We can take the ground-state frame of reference as F_0 , and the frame of reference at the 9th quantum Planck-level as F_9 . We then have the following tableau for frames of reference, light-velocities, and POWER-multiples of the Planck-constant:

$$\begin{array}{ccccccc} F_0 & F_1 & F_2 & \dots & F_9 \\ c & c^{2+} & c^{4+} & \dots & c^{512+} \\ h & h^2 & h^3 & \dots & h^{10} \end{array}$$

P.S. On this planet we have 9 families of consciousnesses, each having their own unique KIND of creativity of expression. The Sumari are creators of new-systems then go there own way—they don't stay around to 'cut-the-grass',

The Einstein-physics appertains only to F_0ch , and once we use magnetic-force-field inertialess-systems then the non-Einstein physics of 9-magnetics makes possible the actualization of interdimensional hyperspace-travel to other star-systems, etc. We have at F_9 this compacted symbol-representation

$$F_0 c^{512+} h^{10}$$

We could reach Alpha Centauri in a few hours using $F_2 c^{4+} h^3$ as the hyperspace operating-mode key-in.

$F_2 c^{4+} h^2$ should have read as $F_2 c^{4+} h$. What we have for F_0 is the ground quantum-state and F_1 the 1st power quantum-level: the x-levels read as follows:

0-level(ground-level-state), 1-level, 2-level, ..., 9-level(quantum-level). We begin with the ground-state 0-level in NOW-time-level or main-line of 'time', then the 1st magnetic-quantum-level becomes via the 1-1 correspondences F_1

$$F_1 c^{2+} h^2, \text{ and so ferth.}$$

Another representation of F_i ($i = 0, 1, \dots, 9$) could be $F, F + 1, \dots, F + 9$. We have 10 x-levels actually when we include the ground-state level.

Now take the Power of the Planck-constant and focus on the 10^{-27} power part only, then consider the negative successive powers of 10, i.e.

$$\begin{array}{ccccccc} -27 & -54 & -81 & \dots & -243 & -270 \\ -27 & -27 & & \dots & -27 & \\ 0 & & & & 0 & \end{array} \quad : \text{ the } \underline{\text{finite-differences}} \text{ shows that the change}$$

in power-levels remains invariant or a negative-constant; that is, -27 becomes the invariant as we change from 1 quantum-level to the next in succession, and we therefore infer that the Planck-constant is a timing-principle that separates the overlapping time-frames: more precisely as follows:

$$T_i = \frac{h^{1+i}}{h^1} = h, \text{ where } i = 1, \dots, 9: \text{ therefore the timing-principle}$$

implies that within each of the higher successive quantum-levels the time-frames lead 1 second ahead in time in going from 1 time-frame to the next time-frame, or from the finite-differences the invariant-constant changes by -27 and we have a second lead-time in the next up time-frame: observe the timing-ratio again, it is a constant but the POWERS of the Planck-Constant in succession differ by 1, i.e. from i to $i + 1$, and this seems to suggest a one second lead-time in the next up time-frame.

Overview-Capitulation
on the
Cordella-Primes

5-7-83

Dear Fry:

Today cracked through the greatest-discovery yet in the Action-Gestalt Number Theory of the Primes. It appertains to TYPES of Prime-Packing Generators, rather MAXIMAL Prime-Packing Generators, so vast in scope that from this new-development alone a 1000 pages and more can be 'mathematically' evolved-out from it, so great in scope, that it has me overwhelmed...

Indeed, a new KIND of mathematics that has amazed me to no end! It is different as nite-and-day when compared to the shadowland binary-arithmetic. The concepts within it are strange and it has taken me some time to get over, rather, familiar with the new-concepts. It has taken me some 325-pages of mostly intuitive-thought to get a glimmer of the broad-outline of the 'theory' and attendant theorems and proofs. It could in all likelihood be the start of something big; that is, the beginnings of what I call 'true' mathematics handling very-subtle relationships; that is, of GESTALT-NUMBERS, NOT MASS-NUMBERS. The binary-arithmetic deals with mass-number-systems, the ternary-arithmetic deals with gestalt-number-systems, and a gulf, indeed, exist between the two different kinds of ARITHMETIC.

The basic-idea of it, i.e. the ternary-arithmetic appertains to the ACTION-PROCESS via the PRIME-PACKING/FOHAT-CONTAINER(interfacing-phase) and prime-coprime REFERENCING-PROCESS. It has turned-out that the identity-primes when functioning within the ACTION-GESTALT structures become CORDELLA-PRIMES or IDENTITY-ACTION of the cordella-primes.

The GESTALTS of RELATEDNESS of the cordella-like primes are 'trigger'-subtle in their INTERACTIONS, a 'slight-change' in the Prime-Packing/Fohat-Container brings about a drastic-change as a new-gestalt of relatedness is brought into being or manifestation.

A hell of a lot of General Semantics is used in the ternary prime-arithmetic...

In the Cordella-Prime-Arithmetic an extraordinary new-discovery was made several weeks ago that literally brings about the eboulement in the foundations of arithmetic... The discovery was the 'invention' of SYZYGY-GRAPHS to represent cordella-prime-gestalt-structures 100%, in effect, a visual-model for number theory of the cordella-primes, not 'primes' in the old 'classical-sense'. The Cordella-Prime Theory can be viewed 3-ways, i.e. algebraic-syzygies, syzygy-displays, and most staggering of all via syzygy-graphs.

Perhaps the H-book material had some 'influence' in suggesting to me a way of creating the syzygy-graphs--and also some 'ideas' obtained from General Semantics--in actuality, the cordella-prime theory goes beyond General Semantics by far...

So far, about 175-pages of material on the cordella-primes--many SEM-concepts can be found in the cordella-prime theory and applied--an aside: 1 by product seems to be related indirectly to FUSION-PROCESSES from a cordella-prime packing standpoint, in other words, a fusion-generator is made practical via MENTAL-SYMBIOSIS with the fusion-reaction itself.

Using a 'symbolic-machine-circuit', MILB, and FUSION-CORE interactions, U then have a viable sustainable fusion-reaction going. 'Temperature' is merely a by product of the fusion-process, temperature does NOT create the fusion-reaction-process per se...

Tom Bearden (retired Lt.Col. of the Army) purchased 1 copy of the H-book. Tom sez he will write a 'review' for the H-book in his SPECTRA JOURNAL.

I purchased 1 copy of EXCALIBUR BRIEFINGS from Bearden--it left me somewhat 'shocked'! The material in the Excalibur Briefing appertains to PSI-phenomena, the most stunning info of all was Bearden's theory of PSI-phenomena via HYPERSPATIAL-FLUX 'tuning' of PSI-energies, ETC. Bearden 'applies' PSYCHOTRONICS(theory) and uses a hyperspace-approach. He considers the Russians 30 years ahead of the U.S. in 'Psychotronic-research', and that it looks rather 'bleak' at this time for the U.S.

"THE WAVE THEORY OF TIME TRAVEL" CETAR .How & why data \$7.95

"THE WAVE THEORY OF ANTI GRAVITY" Grav.is really wave and if you have the 'smarts'it can be inverted for anti grav.\$7

"MATTER ANTIMATTER SPACEDRIVE" Another CETAR original. \$9.

"TACHYON POWER-FASTER THAN LIGHT SPACETRavel & TELEPORTATION" \$9.95. (Author tapped in to his 'flowline'for many CETAR bks.

Such methods are in his "INFINITE KNOWLEDGE" Fry's \$8.

5-10683

6983 A.D.
(alternates)

Dear Fry:

Something to enhance your awareness-level more so.... Remember when Babbage came out with the cumbersome mechanical-gear 'computers'? Well, the 'computer' remained in the limbo-state until the advent of electronics which made possible extremely-fast computations via use of the electron traveling at light-velocity. Now we come to the linear-technology of the putt-putt gasoline-engine in which we travel at an ox-cart's pace. The 1st sustained fusion-reactor will bring in practicality of 9-magnetics and its concomitant applications of magnetic-force-field spacecraft traveling within superlight-velocity-ranges.

Now to clinch it completely, U remember also that Maxwell's electromagnetic-field equations gave birth to the electronics industry, and just a few 'equations' and nothing more—Hertz was the inventor that actualized Maxwell's electromagnetic-field concepts stated in the equations.

So now we have the Teleporting-equations that imply faster-than-light velocities via the 9-magnetics principle. But to actualize such alternate-realities FUSION-ENERGY is needed to bring into existence the intense-magnetic-force-fields making possible for the first time spacecraft designed to operate in the range of superlight-velocities.

Capitulating we have

Maxwell's Equations

ELECTRONICS

Generalized Heisenberg Equations
(TELEPORTING)

9-MAGNETICS

TANGENTIAL-TIME

F_{0ch}

\vdots

\vdots

$F_{9c}^{512+h^{10}}$

Only an extremely obtuse person would miss the implications!

P.S. 0 or 1?

$6.3 + 5 = 23$ (an algorithm)
 $3.6 + 5 \neq 23$ (non-algorithm) multi-facts

$3.6 + 5 = 23$ (a computation)

$23 = 23$ (identity)

$23 \neq 23$ (non-algorithm)

$A = A$ or $A \neq A$, both actually but
at different-orders of abstracting

Example: Triangle \neq circle (flatland-geometry)
A cone cut via a plane in the vertical produces
a cut-circle and in the horizontal-plane a cut-circle
triangle

; so then a cone is both a triangle-circle configuration,
it depends on what U focus on (spaceland-geometry)

In hyperspace we have hypercones that are both
SPHERE-PYRAMID configurations.

(over)

Sincerely Yours,

George L. Brande

1200 E. Sherman

1214, ID 838-14



Fry, this past week has literally zapped me out! The research-manuscript on the primes now comes to 330 pages, the 'stuff' seems to have broken-out of the toddler-stage of development and now moving ahead faster as new-ideas lopp-out here and there, many new theorems and proofs just seem to come out of the 'air' now as I have more info to work with than I had, say 20 years ago. Sometimes I would rather call the 'primes' the MAGIC or MYSTICAL-primes because of their extreme-eccentricity when forming gestalt-structures.

The prime-info ~~isn't~~ isn't math anymore in the old-sense of 'math'. The prime-arithmetic would up to a point put the A-mind, B-mind, and C-mind in methballs... Why? New-creativity generates or evolves-out greater action-levels requiring the creation of yet other X-minds yet to be discovered handling other neuron-speeds ...

As SETH sez, "U see what U want to see." Maybe so, our belief-systems focus us upon what we want to see. ALL 'science' merely the expression of belief-systems manifested.

What about the PSI-mind? Beyond the mind-states entity-awareness where creativity is spontaneous and takes place without images, symbols, time, space, etc.

The prime-reason the primes bug me so is that their vortex-actions focus so fast into manifestations, change the 'programming' and a new vertex-action comes into focus—like seeing billions upon billions of vertex-actions spinning-off into their own INFINITIES, and U want to decide which one U want to operate in, or at another-level viewing 'all' the action-gestalts at once simultaneously like the 'entity' does at its gestalt-level.

So, all-in-all SETH is right 100%, "The dream-universe is the source-bed of ALL realities, and the basis behind all creativity is VALUE-FULFILLMENT of consciousness."

In the prime-arithmetic we have prime-cores, their coprimes likened to kinetic-action, prime-cores can also function as prime-resolvent-factors as part of other prime-core universes simultaneously at 1 level and viewed separately at another level.

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At 1 level of abstracting the prime-packing-factors are viewed as a prime-product, at the syzygetic-level as prime-packing via gestalt-interlocking of the primes. We abstract from prime-products possible prime-packings, but most prime-products generated via prime-coprime decompositions are NOT at the prime-coprime dissolution level prime-packing primes.

Example: $5.7.1 + 2 = 37$ (a syzygy of order 3 having the prime-packed-factors 5,7)

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1.
Mind-Boggling info

5-12-83

or 6983 A.D.?

Dear Fry: To the... of...
My awareness-levels seem to be sleeping on themselves...everything going topsy-turvy for me this past week. I was going to send U-1 more letter before 'claiming-out' for a few months on some new-research—tried to get 3 letters off to U, that is, kept ALL 3 letters since what was written turned out to have all-important signification in the prime-arithmetic, and besides posted these unsent-letters with the prime-arithmetic research-material. Then last nite did an out-of-body projection in part, came back 'home' fast, as the apartment-bldg shook like a strong-WIND hit it—NO other 'wind' beyond the apartment-bldg at the time? Then listened to some more classical-music on the 91 FM-band. Did some more deep-deep inner-nature of the 'primes' and came up with some astounding new-discoveries appertaining to what I call PRIME-JUMPING THE UNIVERSES. Then all at once came this THOUGHT:

Any THOUGHT can SEED a UNIVERSE: confirming at least via the prime-arithmetic that SETH statement.

If so, then no absolutes exist, everything already exist anywhere... The probable-realities or probable-realms are countless only waiting in the wings to be activated via thought, then into EXPERIENCED-ACTION. This may come as a shock to U, but the COMP IV-info U sent me today 'kicked', rather, something blocked-in-my-mind at the thought-level, particularly p-37, p-39. In the prime-arithmetic PRIMES, PRIME-CORES, and COPRIMES are basic—the 'primes' do NOT interact as primes per se, they can't, what does occur is that primes link-up via their coprime-units, and more so, not just any hedgepedge of coprimes will align themselves in a prime-packing linkup: that is, each 'prime' has its own UNIQUENESS that can never be violated. Each 'prime' can function in manyfold-ways, it can function as a prime-core, a competence-number, part of a competence-number, prime-packing-factor, prime-resolute, etc., 1 self-same IDENTITY-prime but NOT its IDENTITY-ACTION at the action-gestalt level, etc.

I seem to have stumbled on something BIG, i.e. the prime-universes can be LIGHT, MASSIVE, or both, but each prime-universe having its own propensity towards its ranges of massive-wt, massive-intensity, or whatever U want to call it in name. The most difficult prime-universes to 'manipulate' (this is madness) are those having MASSIVE-PRIME-COMBINATIONS: comparison, like in the 2-prime-universe, 2,3 are compatible and very-small-primes of light-wt, now take a prime-core like 2381, it will link-up with its neighbor 'prime 2383 (twin-primes here) via their coprime's 2 (interlocked), we have 2381, 2383 more massive than the ultra-light-primes 2,3. But the law of the primes appertains to the hidden latent-coprimes that are NOT activated as well as to the single coprime that does become activated. In the 2-prime-universe we have but a single loner coprime 1, no other, it will ALWAYS have the propensity to interact with ALL the ODD-primes. Say we had the (2,3)-locking above, the next prime to lock-in, rather, the 1st in 3rd-position is NOT 5, but 7, and more so the coprime 2 of 3 stays in its dormant-state forever while in the 2-prime-universe, in the 3-prime-universe the coprime 2 can become active again. The organization of the prime-gestalts are such that the more U EXCLUDE the greater the organization-state at higher-levels—in other words, FOCUSING of the ACTION-STATES brings about organizational-levels within the prime-gestalts.

The primes are so unique in nature that to interlock just 10 primes into a gestalt-whole requires primes of enormous-size at the 10-level linkup, i.e. the 10th prime in the sequence—the GROWTH in size multiplies in POWERS of 10 in short-order, in fact higher POWER-ORDERS of 10 like

10¹⁰
10¹⁰

SETH sez that our stage of consciousness handles moderate intensity-mass states of the atoms, and to handle more intense-mass energy-systems requires greater concentrations of consciousness—the prime-arithmetic seems to confirm this also, only more so. A little letter writing, and already a whole page used up!

(over)

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Dear Fry:

Using the previous paper(letter) we can use a sieving-proces to show why

$$\begin{aligned} 43 - 8 &\neq 5.7.1 \text{ or } 5.7.1 + 8 \neq 43 \\ 37 - 2 &= 5.7.1 \text{ or } 5.7.1 + 2 = 37 \end{aligned}$$

But first observe that $43 - 8 = 35.1$ or $35.1 + 8 = 43$, true it has this algorithmic-form but it is NOT a prime-algorithm of order 2, since $5k + 8 \neq 73$ for any value $k = 1, 2, \dots$ at the algorithmic-level, more so $35.1 + 8 = 43$, merely an ordinary-algorithm of order 1 with no distinction made of the prime-factors composing 35.

We now prove the above using a sieve-method of 'factoring'

$$\begin{array}{cccccccccccc} & 4 & 6 & 3 & 5 & 2 & 1 & 3 & \boxed{2} & 1 & & \\ & \boxed{2} & 1 & 3 & 2 & 4 & 3 & 4 & 1 & \boxed{2} & 3 & \\ 5 & \boxed{7} & 11 & 13 & 17 & 19 & 23 & 29 & 31 & \boxed{37} & 43 & \end{array}$$

First, we sieve-out all the primes greater than 7 up to 43; that is, we divide 5 into these primes to find their remainder with 5; 2nd we take the next sieving-prime which is 7, since the coprime 2 of both 5 and 7 interlock together, then sieve-out all the remainders that 7 has with those primes inclusive between 11 to 43: This is the 2nd order of the sieve. Next we compare the hits of like coprime-values and find that 37 has two coprime hits of like value, and therefore $5.7.1 + 2 = 37$. Taking 43, we find no like coprime hits exist and therefore $5.7.1 + 8 \neq 43$ (does not exist). (6)

Observe carefully that on the 1st sieving-level the only coprimes of 5 can be 1, 2, 3, and 4, and for the 2nd sieving-level we have 1, 2, 3, ..., 6 as the corpimes of 7. (4)

A considerable amount of information can be gotten by studying higher-order sieves.

So U see the prime-arithmetic can be viewed from numerous approaches....

Again observe the 2nd order sieve above, U will find that at the 1st order(level) that the primes aligned with 5 are 7, 17, and 37; however, at the 2nd order of sieving they primes 23, 37 align with 7, and for the combined sieving-orders of 1 and 2 we have but a single hit for 5, 7, i.e. 37. We can shorten the sieving-process by taking only those primes containing a 2, and then sieve-out the next level or order of the sieve using 7 as the next sieving-prime, i.e.

$$\begin{array}{ccc} & 3 & 2 \\ 2 & 2 & 2 \text{ (compacted-form)} \\ 5 & 7 & 17 & 37 \end{array}$$

Note: For very-large sieving orders and large sequences of primes this approach would be impractical, but nevertheless a useful 'tool' for relatively small prime-sequences and sieving-orders.



Dear Fry:

This second quarter of the year decided to take a course in LIGHT-WAVE technology and experiments. The main text was so interesting that I went through it in 3 days of intense concentration. A few ideas on light-waves indirectly 'hints' at the collapse of the Einstein Physics.

I could make up a few graphics and calculations from light-wave technology and then to 9-magnetics to bury once and for all the severely-limiting and defunct Einstein math. Here are just a few observations expressed verbally:

- (1) When light(optical-light) passes from a more-dense-medium(density) to a less-dense-medium its velocity increases; refraction-law;
- (2) The inverse-square-law and cosine-law for the propagation of light from a source does NOT hold valid when the source-beam becomes COLLIMATED(parallel-rays) via a lens.

From the above simple empirical-facts alone it becomes possible to deduce Non-Einsteinian Physics of TELEPORTATION via the POWER-multiples of Planck's-constant.

As U know, Maxwell showed via his electromagnetic-equations that waves can be created via electrical-oscillation, but no limit was set upon the rate of oscillation, theoretically (ideally) it could be infinity.

Now then if we have mediums less dense than air, or a near-vacuum, then the light-velocity would approach c, but the vacuum-concept stands in the way as putting a limiting-velocity to light. Instead we can completely circumvent the vacuum or ether concept by postulating TANGENTIAL-TIME from linear-time enabling us to take the MAXWELL-approach, i.e. making it admissible for light to travel at superlight-velocities once we have tangential-time as a core-concept of the new-higher GENERALIZED-QUANTUM physics.

What now becomes apparent is the Planck-constant as a timing-principle for vibrating-matter like an oscillator. By taking POWERS of the Planck-constant we have brought into existence TANGENTIAL-TIME QUANTUM-LEVELS(states), and therefore we have brought into existence energy-states via quantum-mechanics in which MATTER can take on a range of DENSITY-levels of rarefaction and thereby making possible extremely-high order light-velocities in excess of c.

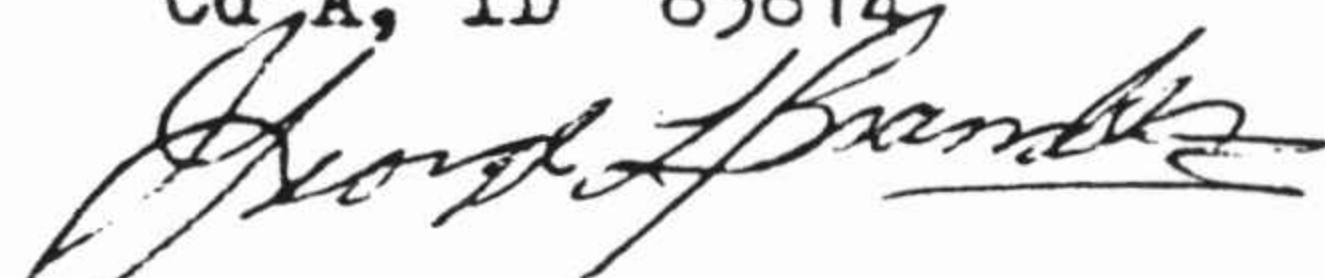
From here we go to the new GENERALIZED-QUANTUM MECHANICS for light-waves and TELEPORTING-equations as already enunciated in prior-letters. Stated simply, the two new concepts for the generalized-quantum-theory are as follows:

- (I) TANGENTIAL-TIME concept;
- (II) POWER-MULTIPLES of the Planck-Constant as a TIMING-PRINCIPLE.

The next step is the 'hint' given in (2) above in by passing the inverse-square law principle. So we extrapolate to 9-magnetics or employ the use of MAGNETIC-FORCE-FIELDS to cancel inertia-laws and bring into existence NON-INERTIAL-systems. Now magnetic-fields are INERTIALESS, and so we have by passed the Einstein physics completely. We then build intense-magnetic-force-fields, and once we have the magnetic-force-fields we then build magnetic-field disrupters to manipulate the magnetic-field loops into PARALLEL for an instant whereby faster than light-velocities are achieved as 'postulated' in the TELEPORTING-equations, etc.

Actually at the 9-magnetic-quantum-level we have NOT c^{512+} , but $c^{512 + u_9}$, where u_9 = uncertainty-factor less than c^{512} : observe that $c^{512} \cdot c^{u_9} = c^{512 + u_9}$.

Sincerely Yours,
George L. Brandes
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Cd'A, ID 83814



Dear Fry:

In the letter just sent U, particularly that portion appertaining to $c^{512} + u_9$ is not entirely correct. u_9 would then have to be in fractional-powers, which it isn't, so we need another expression to represent the u_i -part for light-velocity, i.e.

$c^{512} + u_9$, where $u_0 = 0$ at the ground-state level only, and for $u_i \neq 0 (i \neq 0)$, $i = 1, \dots, 9$.

Let us assume that at the 1st magnetic-quantum-level we have $c^2 + c$ and NOT just c^2 , then the uncertainty-factor appertains to the c-part of the expression.

On the 2nd quantum-level suppose we have $(c^2 + c)^2 = c^4 + 2c^3 + c^2$, and obviously via powers $c^4 > 2c^3 + c^2$, and so the uncertainty-part would be with $2c^3 + c^2 = u_2$.

So we are correct in using $c^{512} +$ as a crude-approximation only, but to be more precise or definite we should take $c^{512} + u_9$, assuming that we use only powers of c in the light-quantum-expressions, had we used c^{512+} , this would imply Fractional-values like, say $c^{512 + 0.x}$.

So we now have 'finalized' the definitive-expression for $F_0 c^{512+} h^{10}$ as

$$F_9 (c^{512} + u_9) h^{10}.$$

At F_0 , we have simply $F_0 ch$, where $c_0 = 0$ at the ground-state-level of NOW-MAIN-LINE-TIME.

In sequence-form we have

$$F_0 ch, F_1 (c^2 + u_1) h^2, F_2 (c^4 + u_2) h^3, \dots, F_9 (c^{512} + u_9) h^{10}, \text{ where } u_0 = 0, \text{ in } F_0 (c + u_0) h = F_0 ch, \text{ and } u_i \neq 0 (i = 1, \dots, 9, \text{ and } u_{i+1} > u_i).$$

At E_0 , we have $E_0 = mc^2$, but for $E_1: m$, $E_1 \neq mc^2$, i.e. $E_1 \neq mc^2 (i = 1, \dots, 9)$: we have instead $E_0 = m_0 c^2$, maybe its more like $E_1: m_1$, where the colon ':' represents changeable proportionality-factors between ENERGY and MASS?

If $E_0 = hv_0$, then what about $E_1 = h^2 v_1$? More so, $E_1 = h^{i+1} v_1$?

Observe that if $E = hv (v = \text{frequency})$ and $E^2 = h^2 v^2$, then $h = E/v$ and $H^2 = E^2/v^2$, still unchanged and incorrect. But if we have $E_0 = hv_0$, and $E_1 = h^2 v_1$, then that is something else entirely as to proportionality (x-proportionality), then $h = E_0/v_0$, and $h = (E_1/v_1)^{\frac{1}{2}}$, or $E_0/v_0 = (E_1/v_1)^{\frac{1}{2}}$.

I sent Glenn Bauman III a xeroxed-copy of the first-part of this letter with the uncorrected-form, i.e. for $c^{512} + u_9$, not for $c^{512+} + u_9$. Being 'lazy', somewhat, I doubt if W will send him the 'corrected-form...

What it all boils down to is, the Einstein physics is now in 'monthballs, period.

(over)

Fry, to recapitulate again the difference between the binary-arithmetic and ternary-prime-arithmetic, let us consider again the forementioned example, but this time using a differentiated-equality-sign, where $=_1$ appertains to the syzygetic-level of abstracting and $=_2$ to the binary-level of abstracting (computational-level primarily).

$$(1) \quad \begin{array}{ll} 37 - 2 =_1 5.7.1 & 43 - 8 \neq_1 5.7.1 \\ 37 - 2 =_2 5.7.1 = 5.7 & 43 - 8 =_2 5.7.1 = 5.7 \end{array}$$

In $37 - 2 = 5.7.1$, the '1' must be placed in the Fohat-Container to bring about a prime-coprime dissolution of order 2, we can NOT say $37 - 2 =_1 5.7$ for two prime-packed factors, for then no competence-number remains within the F.C.

(1) implies that $5.1 + 2 = 7$, or $7 - 2 = 5.1$. Using syzygy-displays we have visually

$$(II) \quad (5,7)_2^{1:1}, (5,7,37)_2^{1^2:1^2} : \text{here } 1, 1^2 \text{ are the } \underline{\text{induction-coders}} \text{ and}$$

the corresponding competence-numbers respectively $1, 1^2$ (in this case the competence-numbers have resolutor-values that are numerically-like $1, 1^2$ but nevertheless NOT-the-same in meaning).

To show how we derived (II) we use the C.I.-form, i.e.

$$\begin{array}{ll} 5k_1^{(1)} + 2 = 7 & \\ 5.1 + 2 = 7, \text{ where } k_1^{(1)} = 1 & \\ 5.7k_2^{(1)} + 2 = 37 & (5,7,37)_2^{1^2:1^2} \\ 35k_2^{(1)} + 2 = 37 & \\ 35.1 + 2 = 37, \text{ where } k_2^{(1)} = 2 & \\ 5.7.1 + 2 = 37 & \end{array}$$

$k_1^{(1)}, k_2^{(1)}$ are called resolutors for the C.I. above, the 1st has order 1, the 2nd has order 2. 5 is the prime-core, a coprime-coupling where the coprime 2 of 5 explicitly shown is aligned with the coprime 2 of 7 implicitly implied and only shown using the inverse-forms. In $5.7.1 + 2 = 37$, we have the coprime 2 of 5 aligned with the coprime 2 of 7 and together aligned with the coprime 2 of 37 (implicitly implied and not shown except in the inverse-form). I have devised Korzybski-type graphics to show the gestalt-forms in visual-clarity like nothing else does—these PRIME-ABSTRACTING-MODELS can be grasped even by a 7 year old child since they are visual 100%.

As U can see by now the ternary-prime-arithmetic goes extremely-deep into ACTION-GESTALT of the PRIMES—I have abstracted-out for U only a tiny-sample of the info contained in the COMBINATORIC-PRIME-ARITHMETIC, it goes deeper by far, far, that a gulf exist between the binary-arithmetic and the ternary-prime-arithmetic. If U saw the PRIME-ABSTRACTING-MODEL for 43 via 1, U would, indeed, be amazed at the intricacies inherent within the prime-like gestalt-forms, then some.

We can derive lower-order syzygies from the referencing-prime 37, and we have

$$(5,37)_2^{3:7}, (7,37)_2^{2:5} : \text{here we have a 'weak-homology' between the}$$

two syzygies of order 2, i.e. 37 referenced twice, the self-same 37 but NOT as to its identity-action within the gestalt-forms, since it has a multiplicity of order 1, two in fact. Observe that the coprime 2 of 37 in its identity-action (2 variants) aligned with the distinct coprime 2's in the syzygies above; that is, coprime 2 of prime-core 5 and coprime 2 of prime-core 7. Using inverses we have $37 - 2 = 5.7$, $37 - 2 = 7.5$, here U see the coprime 2 of 37 in its identity-action variants used twice, and the

(over)

referencing-prime 37. has been used twice in its identity-action within the gestalt-forms. To bring out 1 last point to clinch it all, let us use vinculum over the gestalt-equations, we have, using 37 again

$$(1) \quad \overline{5.7.1} + 2 = 37 : \text{aa-a-whole at the syzygy-level of abstracting}$$

$$(2) \quad \overline{5.7.1} + 2 = \overline{37} : \text{at the computation-level of abstracting.}$$

(1) appertains to the ternary-level of abstraction, (2) appertains to the binary-level of abstraction.

Fry, I have worked-out the prime-arithmetic to a point in handling prime-packings of many orders, in fact handled via algebraic-symbols, rather, algebraic-gestalt-symbols any order of prime-packing, whether it be 10, 100, 1000, etc. orders of prime-packing except that it is in theory only, for the actual-working-out of it seems improbable at this time due to the size of the primes required, primes in the range of quadrillions and beyond needed, even electronic-computers would be too slow in handling the very-large prime-packing orders, a computer would be moving at an ex-cart's pace in this 'domain' of the prime-arithmetic...

Most mathematicians are scared-stiff of 'Number Theory' because of its MYSTICAL-nature inherent in 'all' numbers, and most of all the 'elusive-primes'.

I guess that't it!

This letter will give U a 'glimer' of what I have gotten into by a study of the 'elusive-primes', and as U can see the Gaussian Congruence-Theory is not used or employed at all—the Action-Gestalt Prime Number Theory a different frame of reference entirely!

Sincerely Yours,

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P.S. As U can plainly see, 2 scant pages on the prime-arithmetic, what if U had 330-pages of the 'stuff' but with the algebraic-gestalts of it in math-form page after page...? Yes, maybe 6983 A.D.!

Someday I may 'condense' the 'stuff' and publish it for what it's worth—however, I do get considerable VALUE-FULFILLMENT out of it in a creative-way that is quite eccentric to say the least.

P.S.S. It's probable that the ACTION-GESTALT PRIME-ARITHMETIC may suggest indirectly concepts beyond FUSION-ENERGY, again we're back to the year 6983 A.D. in THOUGHT, but physically in the time-frame 1983 A.D., ha!

George Passed on a few months
after this letter. (Cancer)
we will all miss him...

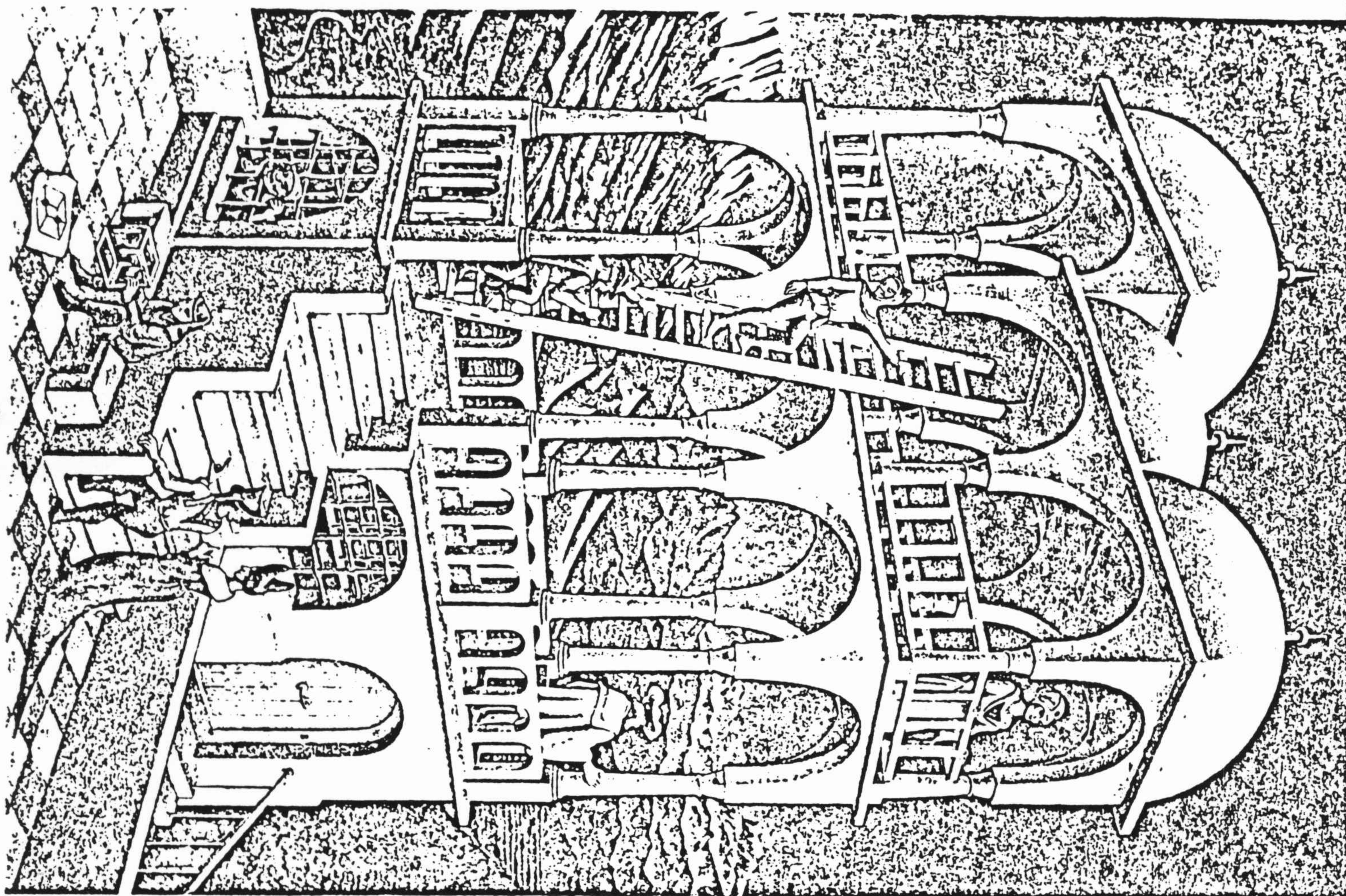
Al Fry

Fry, believe it or not!, but 9-magnetics lies outside of the 'domain' of the now defunct Einstein-physics...old-conditionings seen through old-eyes prevents many 'credentialled' koshered physicist to view new-realities through new-eyes—like the time-period when Lobachevsky came out with his 'new-fangled' ideas on Non-Euclidean Geometry, U know what I mean here, period.

9-magnetics uses 'concepts' derived from the TENSOR-CENTERS of the brain, not the CORTICAL-CENTERS—the cortical-centers over emphasize complexity by getting bogged down into too much detail...and rely exclusively on the physical-senses only.

Using 9-magnetics, a 1000 light-years can be reached in hours, 10,000 light-years in weeks, and 1,000,000 light-years in months... from mega-light-years to pico-light-years if need be!

A SHORT COURSE IN TIME...



74. BELVEDERE by M.C. ESCHER

In the lower left foreground lies a piece of paper on which the edges of a cube are drawn. Two small circles mark the places where edges cross each other. Which edge comes at the front and which at the back? In a three-dimensional world simultaneous front and back is an impossibility and so cannot be illustrated. Yet it is quite possible to draw an object which displays a different reality when looked at from above and from below. The lad sitting on the bench has got just such a cube-like absurdity in his hands. He gazes thoughtfully at this incomprehensible object and seems oblivious to the fact that the belvedere behind him has been built in the same impossible style. On the floor of the lower platform, that is to say indoors, stand a ladder which two people are busy climbing. But as soon as they arrive a floor higher they are back in the open air and have to re-enter the building. Is it any wonder that nobody in this company can be bothered about the fate of the prisoner in the dungeon who sticks his head through the bars and bemoans his fate?

THE GRAPHIC WORK OF M.C. ESCHER, by Ballantine Books, New York (East 50th Street, New York 10022)—Escher's works as an artist paralleled my own research in pure-math on hyperspace visual-grpahics, that is, I feel much in Escher works akin to my own creative-math research as such. Fascinating-prints...76 in total... *Comments of G.H. Brandes - G*

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This is the last page in The Brandes letters collection. A second collection of earlier letters is also available at \$10....ask for part two..... Fry

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GEOMETRICAL - RESEARCHES

ON PERCEPTICS IN THE GEOMETRY OF FOUR DIMENSIONS

By GEORGE BRANDES



LAPIS POLARIS MAGNES
Lapis exaltat et Flavis abditum. Polis fiam hunc amorem, et per nescio.

FRY'S
9237 CRAVER
MORONGO VALLEY, CA 92256

Contents of 'H-MATH Book
By G. Brandes
\$25.00 from Fry's

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& IS NO LONGER AVAILABLE — Fry