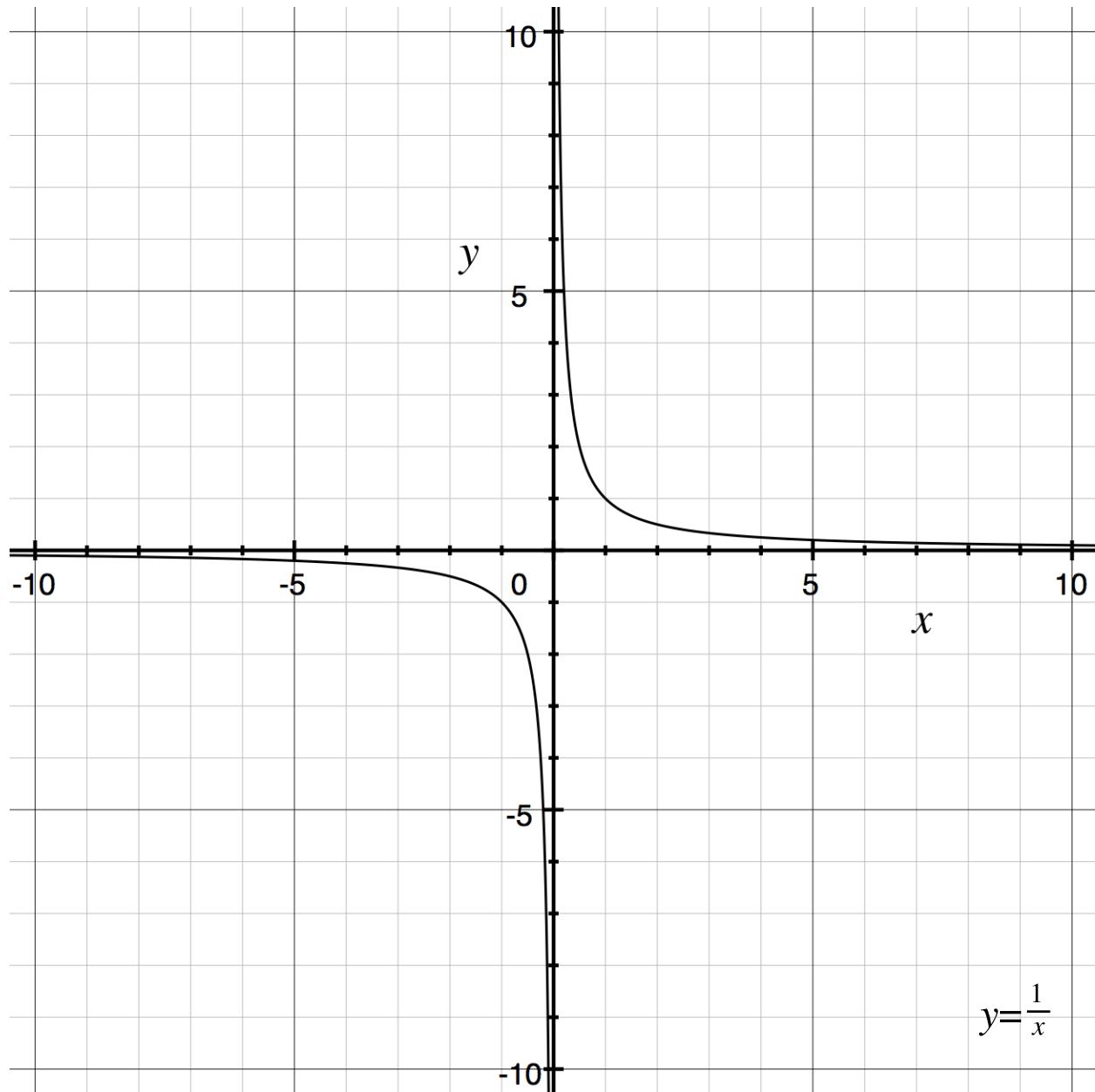


The Mystery of Larson's Cross [Rev. 20180511]

By J — Latest revision: http://allis.foundation/The_Mystery_of_Larsons_Cross.pdf

God at the Crossroads of Space Time & Light



ABOVE: "LARSON'S CROSS" RENDERED WITH GRAPHING SOFTWARE BY THE FORMULA $Y=1/X$. (INVERSE $X=1/Y$ EQUALS THE SAME RESULT.)

"It looks familiar." This author was puzzled, staring at the latest result of his fiddling experiments.

"Haven't I seen this before?"

So Begins...

A mysterious journey's end, with an epiphany for this author on December 4, 2016, and followed by ongoing consequences of influence upon his life—unlocking revelations using this cosmic key.

In these pages, will attempt to recount important notes leading up to it... A shortcut for readers.

First, a little explanation is required, and preparation by laying down ground rules for this paper.

What this author is not: mathematician, astronomer, physics expert or science professor. Got it?

Don't expect exercises in mental theoretical gymnastics, rather, drawing simple dot connections.

If you: have questions involving mathematics more complex than “ $1=x/y$ ”; want to discuss/argue “string theory,” “quantum mechanics,” or “interactions of particles in a defibrillator” — don’t ask.

If you: want to pick a fight with this author when reading the following with anger — please, relax.

If you: are curious about the spiritual nature of this universe we're living in; seek physical evidence in support of a philosopher's theory; research beyond mainstream science conclusions — read on.

What follows is not: an attempt to share an elaborate new theory of everything; an explanation for the meaning of life; a fabrication; anything that will make you rich in worth in the material world.

What follows is also not: an attack on the scientific method. Then what's this paper *really* about?

A spiritual homecoming—finding a way home after being lost in the seas of progressive confusion.

It's a summary of this author's experience searching for key evidence linking science back to God.

Or put another way: “To find the origin of God” within oceans of published experimental evidence.

The Holy Grail

The quest for this author began in earnest in 1978 when he became conscious of being conscious.

And like the journey upon which Arthur endeavors, facing numerous obstacles and temptations to “give up” along the way, and “give in” to an earthly bound life and pleasure of a body's sensation.

This life would be a test of spiritual will, faith, and belief in existence of something beyond visible.

For call it what you want: Holy spirit, love, evolution, inspiration, purpose, enlightenment and God. There is ‘something’ which calls, motivates us. To live. To become. To grow into this human form.

Then once grown up and established living amongst others, question “what's the meaning of life?” Any response to which rarely proves satisfactory, only returning false answers stabbing darkness.

This paper attempts gathering wisdom from few enlightened folks who found the Grail before you.

The Witness

"In the beginning was the Word, and the Word was with God, and the Word was God." John 1:1 *¹

It all begins here, it really does, with God and these famous words from the Bible... Wait, *hang on!*

I'm sure some of you reading this may be rolling your eyes already, perhaps imagining this author is going to try and "convert you to an aging belief system irrelevant to progress of living in a world where everything is now relatively tolerated," or whatever, all thanks to Einstein's famous theory.

Relax, there's no intention by this author to attempt explaining the phrase's interpreted meaning.

But there is more to this quote than meets the eye, and like all best clues, it hides in plain sight.

So what's the clue? Ask yourself: "What's the 'one thing' no one would consider thinking about?"

The Scientist

There's a reason for this paper's title and naming of this cross, and his name is Dewey B. Larson.

He was an American engineer (1898-1990) who set about attempting to find a general theory that would explain, and could predict, all of the phenomena found in nature; describing his beginnings:

This project that I am going to discuss ultimately produced a new general physical theory. It is quite likely that many of you will find it difficult to understand how anyone would select such an objective; how anyone in his right mind would deliberately undertake the colossal task of trying to fit all of the immense amount of scientific information that is now available into a totally new pattern. So I want to explain to you that my original objective was a much more modest one, but we uncommitted investigators rarely hit where we aim. In this case, an effort originally aimed at that relatively modest objective got out of hand, so to speak, and kept on growing and turning unexpected corners until it finally produced a result that was never anticipated.

As chemists, you may be interested to know that the subjects I originally selected for investigation were the physical and chemical properties of matter. These properties, as you know, are essentially mathematical. We sometimes express them in non-mathematical terms. For instance, under ordinary conditions, mercury is liquid and lead is solid, and we somewhat loosely refer to these facts as properties, but actually all that we have here is a difference in the melting point. The same is true of properties in general; that is, in the final analysis they reduce to nothing more than a set of numbers. But we also start with nothing but a set of numbers. So far as we know, the only basic difference between mercury and lead is that mercury is number 80 in the atomic series and lead is number 82. It logically follows, therefore, that if we can find the right method of approach we should be able to establish a relation between these two sets of numbers; that is, we should be able to construct a set of mathematical expressions which we can enter with the number 80 and come out with the melting point and other properties of mercury, and we can enter with the number 82 and come out with the properties of lead. What I undertook to do was to see if I could find the key that would enable formulating this set of relationships. *²

We'll be taking a closer look at some of his work as an invaluable clue for discovering a *Key of Life*.

But hang on! The skeptics may have already read something about him on the internet—like this:

"The Reciprocal System is a Theory of Everything presented by its proponents as an alternative to everything that every physicist has ever said about the nature of reality... The theory is wrong in every detail, and is trivially proven so with simple and obvious experiments. This has, of course, not given its proponents the slightest pause." *3

If you choose to react to someone else's judgment, without reading D.B.L.'s research for yourself, then I suggest you stop reading, close, then delete this paper from your computer's hard drive.

This paper isn't suggesting this author agrees with D.B.L.'s postulations, but his work is valuable.

Just for clarity: **reading D.B.L.'s material is not required** for understanding this paper's findings.

An appropriate paragraph will be highlighted in the relevant section where explanation is needed.

(However, if you'd rather take the time to discover and explore his library in greater detail, and to provide an uncommon perspective toward understanding mainstream scientific conclusions, then follow links at the end to download his books and research by those continuing with his project.)

The Philosopher

Walter Russell (1871-1963), an American Artist who'd best be acknowledged in a separate paper, experienced a 39 day and night period of illumination, which resulted in his writing 40,000 words, claimed given to him from the Light of Cosmic Consciousness, that inspired his Cosmogony work.

This author contends W.R. attained the highest level of consciousness of anyone this past century:

For many years he lectured upon the philosophy of life, self-multiplication of the individual, and ethical principles in business, to the officers and salesmen of International Business Machines Corporation, in the effort to build a finer race of manhood through greater comprehension of the Light of omniscience which is in all men awaiting their awareness of it. During these years he shook the very foundations of the *caveat emptor* principle which was in common usage when he began to infiltrate the Sermon on the Mount principles into big business. In his first lecture to this great organization he told its directors that he was utterly shocked at the two slogans which were then the very fundamentals of business. These were: "Let the purchaser beware," and "The sale is the only thing that counts."

In those early days there was a general opinion that a business man could not be honest and make money or be successful. "Business is business," was the slogan, with the connotation that no matter how sharp your practice it was all right if you did it legally.

"That is the jungle philosophy of every man for himself," commented Mr. Russell. "It can no longer be practiced in the business world for it works against natural law. The future of great business lies in man's comprehension of the principle of Balance in Natural Law and his determination to work WITH it instead of against it." *4

We'll keep referring back to this basic principle of Balance in Natural Law throughout this paper.

(Please follow the link at the end to find more information on his books, papers, and illustrations.)

The Quest Begins

If the John 1:1 clue doesn't (yet) make any sense, all will be revealed. Let's begin with W.R.:

Science excluded God from its consideration because of the supposition that God could not be proven to exist by laboratory methods.⁵

What did Walter Russell mean? A: That science is about 'reducing uncertainty' as a principle.

The Light of the Matter

If you can prove God exists, then God does. So how can we prove with certainty that God exists?

Suppose that, by living in a body, your entire view of reality is composed of that which is visible.

Then one could already draw the conclusion that this bar graph represents the extent of reality:



Every potential is represented in this gradient: black to white and every shade of grey in between.

So we're looking at a black 'color', a white 'color', and various shades of grey 'colors'. Correct?

And in a laboratory, could it be conclusively proven that we are looking at these different colors? If so, then according to the scientific uncertainty principle: black, white and grey therefore exist.

Science reduces the uncertainty these don't exist, by testing their candidates to agree if they do.

Black is a fact, white is fact, and grey variations are facts. It's been *proven* by the lab's evidence.

Then putting faith in scientific evidence, because it's fact/evidence based, *means* it must be true.

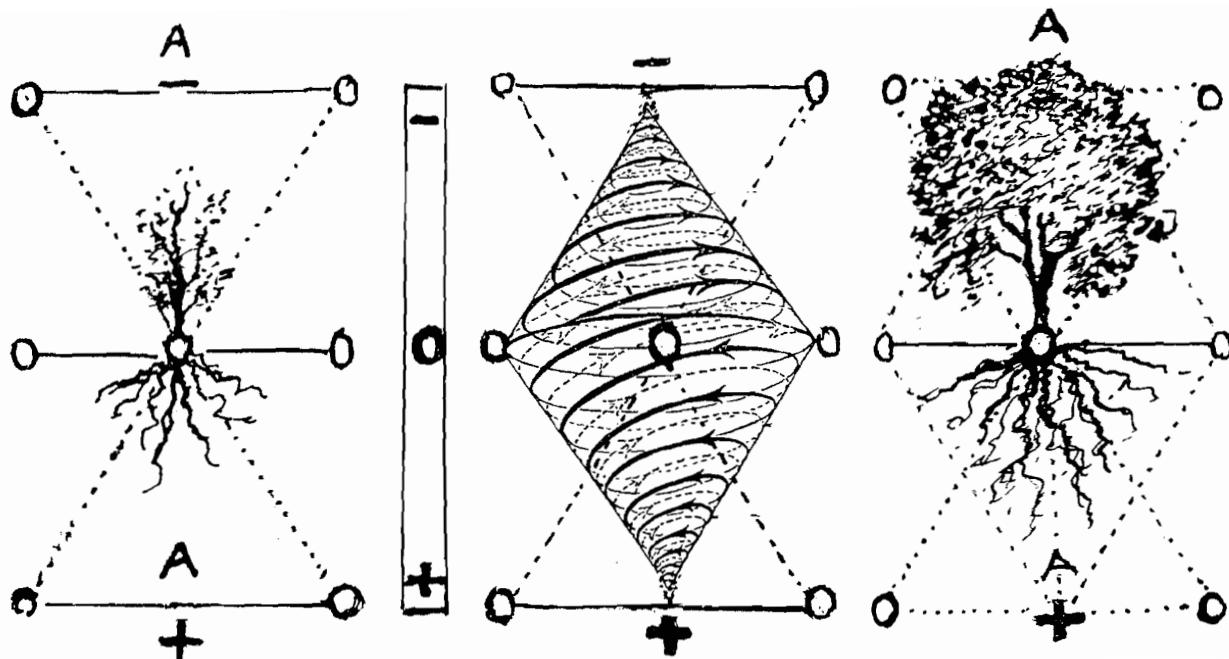
Evidence of a Divine Connection

The idea that humans are biologically connected to the Earth's field is certainly not new to science, and there is more evidence to suggest the connection than there is to suggest otherwise. Perhaps the most important series of experiments to investigate that topic was led by Rutger Wever of the Max Plank Institute in Munich, utilizing two sensory-isolation bunkers made to house human residents for prolonged periods of time. Each was shielded from all conventional environmental cues to the outside world, such as sound, light, and heat, but one was additionally shielded from all electromagnetic influence. From 1964 to 1989 he observed the influence of electromagnetic forces on hundreds of participants, some living in the bunkers for up to two months. Various indicators of chemical and behavioral health were monitored throughout the experiment, and the electromagnetically-shielded bunker was designed so that people could be re-exposed to selected frequencies from a wide spectrum.

Those living without all environmental cues – but not deprived of contact with the Earth's electromagnetic field – still behavioral and biologically kept to a 24-hour rhythm (or one using the same ratio). Those deprived of electromagnetic frequencies not only lost any semblance of a circadian rhythm but also began to slip towards a critical loss of healthy timing between various bodily systems. One particular electromagnetic frequency which was key to such biological timing is the 10 hertz micro-pulsation in the Earth's field. When re-introduced into the electromagnetically sealed room it restored proper timing between bodily systems, and also brought participants back into a consistent circadian rhythm!

Many experiments of such impact have taken place, hailing from a time when scientific disciplines were not so connected by the internet and the hosting of abstracts or full articles online. Such were times of the founding of strong beliefs about “what science has found” (and what it hasn’t). But scientific communities were not as all-knowing as public perception would imagine them to be, and they were certainly not magically without social politics or group-think.^{*6}

The Tree of Life



FIGURES 41, 42, 43, 44 (CROPPED) FROM WALTER RUSSELL'S HOME STUDY COURSE, LESSON 18.

This is a very important point for you to take note of because science believes just the opposite of what Nature so obviously and plainly demonstrates. In fact the Coulomb electric law states that opposites attract and likes repel. As we proceed you will see how utterly unlike Nature that law is.

Electricity is the divider of one balanced, unchanging condition of stillness into two unbalanced conditions of ever changing motion which interchanges constantly to balance those unbalanced conditions to express LIFE--and to void them to express DEATH.^{*7}

Light Divided

-

+

As our studies have suggested, the phenomenology of enjoyment has eight major components. When people reflect on how it feels when their experience is most positive, they mention at least one, and often all, of the following. First, the experience usually occurs when we confront tasks we have a chance of completing. Second, we must be able to concentrate on what we are doing. Third and fourth, the concentration is usually possible because the task undertaken has clear goals and provides immediate feedback. Fifth, one acts with a deep but effortless involvement that removes from awareness the worries and frustrations of everyday life. Sixth, enjoyable experiences allow people to exercise a sense of control over their actions. Seventh, concern for the self disappears, yet paradoxically the sense of self emerges stronger after the flow experience is over. Finally, the sense of the duration of time is altered; hours pass by in minutes, and minutes can stretch out to seem like hours. The combination of all these elements causes a sense of deep enjoyment that is so rewarding people feel that expending a great deal of energy is worthwhile simply to be able to feel it.

We shall take a closer look at each of these elements so that we may better understand what makes enjoyable activities so gratifying. With this knowledge, it is possible to achieve control of consciousness and turn even the most humdrum moments of everyday lives into events that help the self grow.^{*8}

Into Darkness

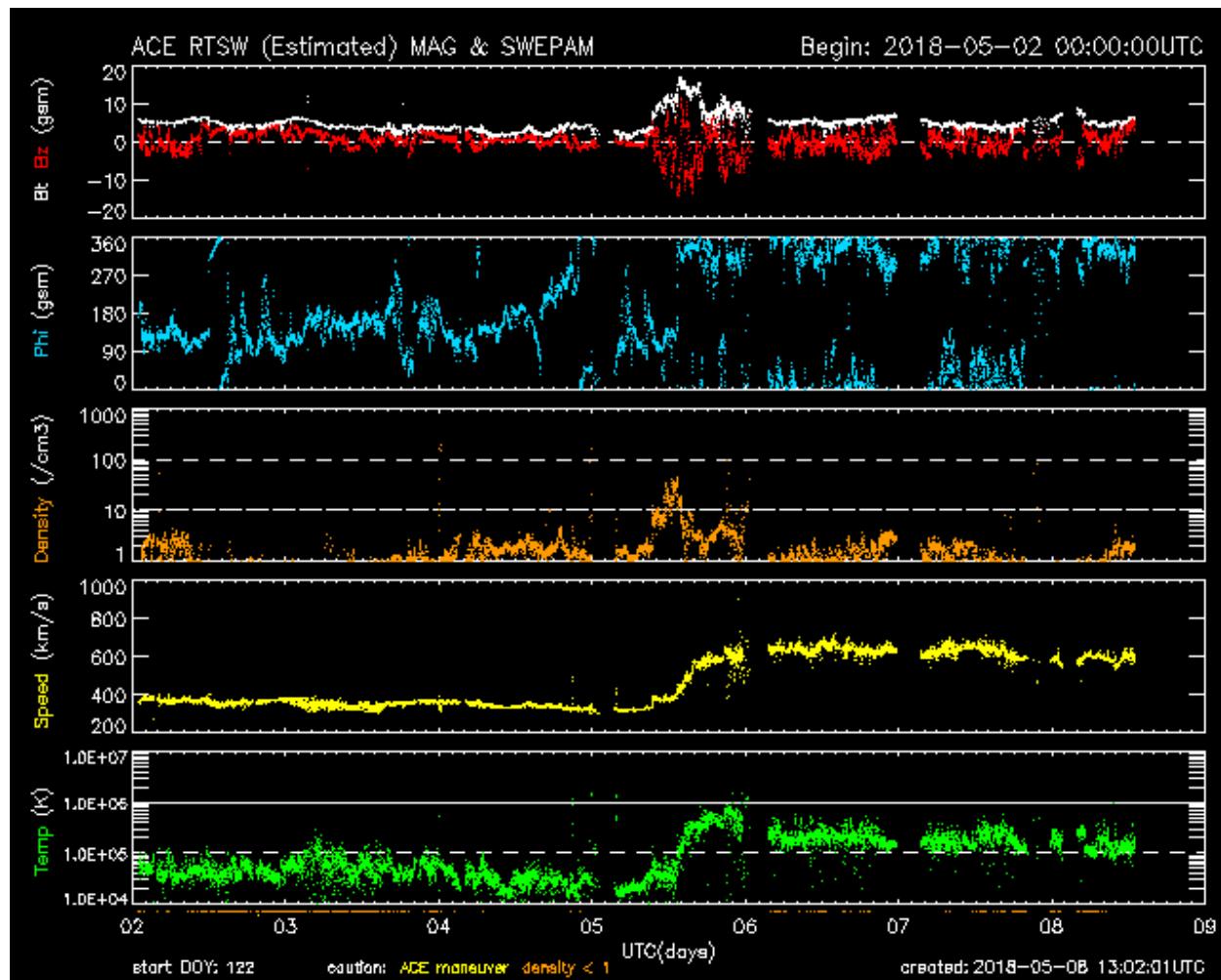
THE RUNNING MAN

1987

— [Opening text.] »By 2017, the world economy has collapsed. Food, natural resources and oil are in short supply. A police state, divided into paramilitary zones, rules with an iron hand. Television is controlled by the state and a sadistic game show called "The Running Man" has become the most popular program in history. All art, music and communications are censored. No dissent is tolerated and yet a small resistance movement has managed to survive underground. When high-tech gladiators are not enough to suppress the people's yearning for freedom... more direct methods become necessary.«

— [One of the final scenes.] Damon: »You look pissed, Ben. Believe me, you've got every right to be. But hey, will ya'... will you just let me explain? This is television, that's all it is. **It's nothing to do with people, it's about ratings. For fifty years we've told them what to eat, what to drink, what to wear.** For Christ's sake Ben, don't you understand? Americans love television. They ween their kids on it. Listen, they love game shows, they love wrestling, they love sports, and violence. So what do we do? **We give 'em what they want.** We're number one Ben, that's all that counts. Believe me, I've been in the business thirty years.«

Deep Space Weather ^{*9}



ABOVE, DATA RECORDED BY NOAA'S DEEP SPACE CLIMATE OBSERVATORY (DSCOVR) OF SOLAR WINDS BETWEEN THE SUN & THE EARTH.

Cosmology

In the course of time, as various fields of thought split off from religion, and secular branches of knowledge were originated, the questions as to the origin and fate of the universe came to be accepted as philosophical issues. Such subjects as cosmology and cosmogony were therefore defined, until quite recently, as subdivisions of philosophy. Within the present century, however, some physical phenomena have been discovered that are believed to have a bearing on these issues, and as a result, most of the theoretical activity in this area is now carried on in scientific terms, and even though it is just about as speculative as ever, it is regarded as scientific. As expressed by Hermann Bondi, "Nowadays we regard cosmology as a branch of science, or to be more precise, a branch of astronomy."

Bondi defines cosmology as "the field of thought that deals with the structure and history of the universe as a whole." An astronomy textbook gives this somewhat more explicit definition:

Cosmology is concerned with the nature and origin of the entire universe—its structure today, its past, and its future.

The scope of the subject, as thus defined, is greatly extended beyond the earlier objectives. We may, indeed, regard the modern additions to cosmology as a separate field of knowledge.^{*10}

Reason

Hawkins holds a compassionate view of the condemners: "The average person, including religionists, feels so separated from God that the possibility that God can be experientially known seems unbelievable..."

The soul that has ascended to the level of Reason has mastered not only the baser, "carnal" drives of the body, but it has also perfected the practice of virtues and transcended what Father Thomas Keating calls the childhood "emotional programs for happiness" that drive less mature souls to seek esteem, security, power, and affection from outside of themselves. Teresa of Avila's description of the Third Mansion fits well here. In the Third Mansion, people "have lived an upright and carefully ordered life, both in soul and in body." However, the limitation of people in the level of Reason is to presume that their particular vantage point is the whole panorama; it is the presumption of "I know" rather than "I don't know." Teresa, for example, complains that it is useless to offer advice to those directed by reason, for "they have been practicing virtue for so long that they think they are capable of teaching others." Tauler describes "reasonable people" as ignorant of advanced spiritual reality and confounded by the joy and peace of God:

We have become inebriated, a state known as "jubilation." Sometimes a man in such a state will cry aloud, or sing or laugh. Then comes along "reasonable people" who are ignorant of everything outside the natural order and exclaim, "Why are you carrying on in this ridiculous manner?..." [F]or love is aflame in them, and it glimmers and glows and consumes them with bliss.

Indeed, he says in a later sermon, many Christians suffer "captivity" by their "natural reason," and "they spoil everything" spiritual "by lowering it to the level of their reasoning powers." Hardly aware of how banal they seem to the mystic, "they give themselves great airs, because whatever it is, they interpret it rationally and hold forth on it, which greatly increases their self-esteem....There is a great difference between those who live the Scriptures and those who merely study them."^{*11}

The Wealth of Nations

After the fall of the Roman empire, on the contrary, the proprietors of land seem generally to have lived in fortified castles on their own estates, and in the midst of their own tenants and dependants. The towns were chiefly inhabited by tradesmen and mechanics, who seem, in those days, to have been of servile, or very nearly of servile condition...

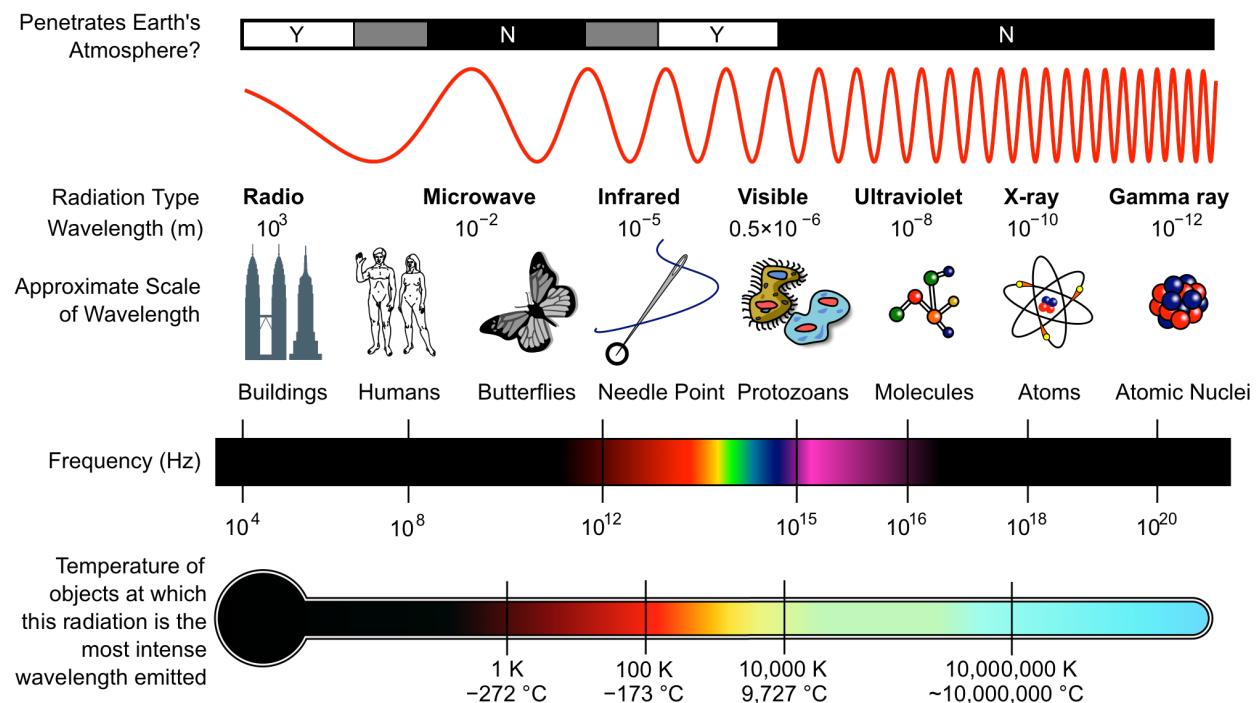
They seem, indeed, to have been a very poor, mean set of people, who seemed to travel about with their goods from place to place, and from fair to fair, like the hawkers and pedlars of the present times...

But how servile soever may have been originally the condition of the inhabitants of the towns, it appears evidently, that they arrived at liberty and independency much earlier than the occupiers of land in the country. ^{*12}

The Secret of Light

Jesus said, "GOD IS LIGHT," and no man of that day knew what he meant. The day is now here when all men must know what Jesus meant when He said "GOD IS LIGHT." ^{*13}

Electromagnetic Spectrum ^{*14}



ABOVE, IMAGE BY NASA/INDUCTIVELOAD OF LIGHT, REPRESENTED BY VARIOUS OBSERVATIONS OF PERSPECTIVE SCIENTIFIC MEASURES.

The Moral Objective

The great majority of those who have rejected the ethical pronouncements of the organized religions and have endeavored to derive ethics from natural sources rather than from authoritative commands have concluded that ethical conduct is characterized by maximization of a sensation that some have called *pleasure*, others *happiness*, and still others *satisfaction*. Some difference of opinion has arisen as to *whose* happiness is to be the controlling factor. One school of thought, of which Bentham has been the most influential exponent, argues that maximizing one's own pleasure or happiness is the proper goal. This idea has considerable popular appeal, especially among those who do not want to be bothered with moral issues at all, but it commands little support among modern moralists for the rather obvious reason that it is essentially a negation of morality rather than a basis for morality. Present-day philosophical thought follows mainly along the general lines of the following definition by Bertrand Russell:

I mean by "right" conduct that conduct which will probably produce the greatest balance of satisfaction over dissatisfaction, or the smallest balance of dissatisfaction over satisfaction, and that, in making this estimate, the question as to who enjoys the satisfaction, or suffers the dissatisfaction, is to be considered irrelevant.

The idea that human beings *should* be happy and that happiness is therefore the basic moral objective has a strong appeal to those human beings since, as a rule, they *want* to be happy. Even the religious philosophers, who are committed to the proposition that the moral code is an emanation from the Deity rather than a reflection of human needs and desires, usually contrive to bring the happiness concept into the picture indirectly. William Paley, for instance, tells us that happiness is "an enjoyment which the Deity has annexed to life." When we examine the situation objectively in the light of the factual information developed in the present investigation, we find no support for this position. Happiness, in its broadest sense, is clearly the inverse of suffering, likewise taken in a broad sense, and the two have the same significance in relation to existence in general. As we have seen, suffering is not wrong or evil; it is simply one of the routine accompaniments of life in a space-time universe. Similarly, and for the same reasons, happiness is not right or good, morally speaking. It, too, is just one of the routine accompaniments of life in a space-time universe. Happiness is *desirable* and unhappiness is *undesirable*, but in themselves, both are morally neutral. ^{*15}

Scientific Civilization

Translations [in italic] by Google Translate, edited by this author.

Die Ego-"Zivilisation" des Materialismus blockiert die Verbindung zu Gott: Das Ahankara
The "civilization" of ego materialism blocks the connection to God: The ahankara

Die "Wissenschaft" kann die Veden nicht deuten
"Science" can't interpret the Vedas

Die "Wissenschaftler" können die Angaben in den Veden auf dieser Grundlage nicht richtig deuten, weil ihnen der Einblick in die geistigen Dimensionen fehlt. Die "Wissenschaft" ist selbst von der Weisheit abgeschnitten.
From this foundation, "Scientists" can't interpret information from the Vedas correctly, because insight into the spiritual dimension is missing. "Science" itself is cut off from wisdom.

Teleskope führen nicht zur Erkenntnis

Telescopes don't lead to realization

[Und so werden Millionen und Milliarden Steuergelder in eine "Forschung" verschwendet, die die Menschen dem Frieden gar nicht weiterbringt. Die Seelen der Menschen werden im Schulsystem und im System der "Universitäten" durch das provozierte Ego-Strebertum innerhalb der materiellen Welt regelrecht "eingemauert". Wer diese Dressur nicht aushält, für den gibt es keinen Schulabschluss. Umkehrschluss: Man muss eigentlich nicht einmal lesen oder schreiben können, um zu merken, wo die Wahrheit ist].

[And that's where millions and billions of taxpayers' money is wasted on "research" that does not bring people to peace. The souls of people are literally "walled" in to the school and "universities" system, by provoking their ego's ambitions within the material world. If one cannot support costumed role-acting, there's no graduation. In contrast, one doesn't even have to be able to read or write, to recognize where the truth is]. *¹⁶

The Schwarzschild Proton

In our approach to comprehend a fundamental relationship between the strong force and gravitational interactions we utilize a semi-classical approach in order to yield a more definitive understanding. *¹⁷

The God Mind

It is not easy for the sensed human to even begin to understand it but as you become more and more cosmic, because of your increasing God awareness, you will not have to study it so carefully and think it so concentratedly, for you will just KNOW it.

QUESTION. "The God Mind, being omnipresent and omnipotent, would not the thinking that springs from that Mind be of the same quality—hence not illusion?"

ANSWER. No, it would not be the same quality—and it IS illusion. Mind is undivided, unchanging and motionless. The thinking of Mind is divided, changing and in continuous motion. Motion cannot be stillness—sound cannot be silence—change cannot be unchanging—but sound can manifest that which lies within silence—change can manifest the unchanging and the divided can manifest the undivided.

If you would but look at the still point from which the pendulum of your clock swings you would better understand how the changing can manifest the unchanging—also you will understand that its motion cannot become its stillness.

Likewise if you will look at the silent harp string from which its sound extends you will see that the sounds are not in the silence but are in the motion of the vibrations which extend from the motionless string.

Again, if you would look at the fulcrum from which a lever extends to lift heavy objects you will see that the power which lifts them is not in the moving lever, but in the still fulcrum, for the lever cannot move to lift anything without the still fulcrum.

QUESTION. "I cannot see how TIME could be considered to be an illusion. To me it is the most real thing I know of—even as real as matter. Will you tell me where I am wrong?"

ANSWER. Your senses tell you that there is such an effect as TIME.

Your senses see day following night—event following event—one experience following another—your body growing old—flowers and forests rising from the earth and disappearing—but your senses deceive you mightily because they are limited to seeing just a pinhole view of Nature.

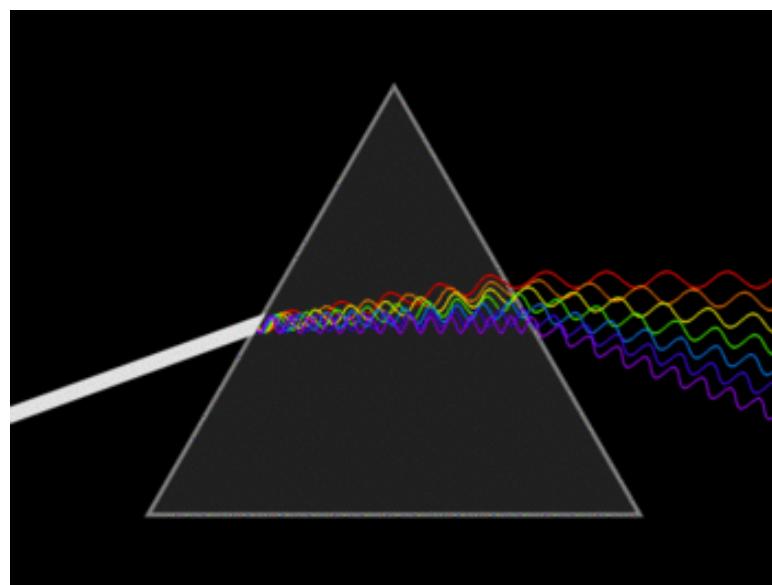
If your senses could extend their range all around the cycle of any effect of motion all things would seem to stand still—and time would not be, because motion in one direction would be voided by the other direction.

Your senses see a pendulum swinging from its fixed fulcrum, but your senses do not see an invisible force which is EQUAL to that of the pendulum which is swinging the other way. If your senses could see the whole of the effect at once—instead of a little of it at a time, you would never see sequences, hence you could not experience the sensation of time. More than that you could not even count beyond zero.

There is a backward flow to time which voids its forward flow. To exemplify our meaning consider the flight of a plane. Your senses see it going in one direction, but you do not see a black vacuous hole behind that plane which is as negatively strong as the positive flight is strong. That invisible vacuous empty hole in space behind the plane would pull it backwards to a zero point between them if the motion of the plane could suddenly cease.

Later in these lessons you will read of a new law from The Divine Iliad Message which says: "Every action in Nature is voided as it occurs, is repeated as it is voided, and is recorded as it is repeated." A full understanding of that law will help you comprehend the illusion which this universe is. ^{*18}

Light ^{*19}



ABOVE, LIGHT THROUGH A PRISM IS DIVIDED INTO RAINBOW COLOR FREQUENCIES.

Singularity

Jesus said, in the Gospel of Matthew 6:22, that "If thine eye be single, thy whole body shall be filled with light." But Jesus is much more clear in the ancient and re-discovered Gospel of Thomas. Jesus said, "For this reason I say, if one is Single, one will be filled with light, but if one is divided, one will be filled with darkness..."

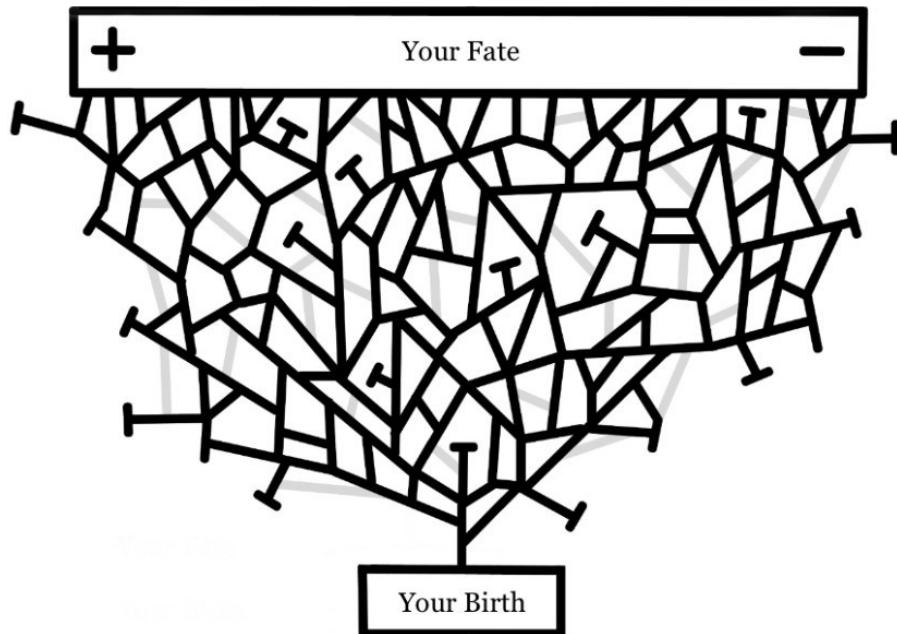
Buddha also taught non-dualism and that attachment in the mind to the impermanent nature of duality is the cause of all suffering. The ancient Hindus also taught non-duality. The philosophy of Advaita, literally non-dualism, is among the most ancient Vedanta (Vedas) schools of East Indian philosophy. Krishna (3,500 B.C. Bhagavad Gita) also spoke of non-duality...

I was looking for the sacred "Tree of Life." One day I saw God in a tree. I just looked and saw this small tree, and I was so astounded, I stopped working and took off my heavy tree planting bags and bowed down to this tree in awe of the golden nimbus of God's genuine presence that enveloped me. ^{*20}

My Own Needs

Have: *Spirit.*

Your Fate ^{*21}



Stop

You can run away from your Self only so long 'til you get tired, for time will always catch you.

Man Interprets God

Astronomy and astrophysics are based on facts determined by observation. Their objective is to interpret these facts and relate them to each other in a systematic manner. The primary criterion by which the results of these interpretive activities are judged is how well they account for, and agree with, the relevant observational data. But astronomical data are relatively scarce, and often conflicting. Opinion and judgment therefore play a very large part in the decisions that are made between conflicting theories and interpretations. The question to be answered, as it is usually viewed, is Which is the best explanation? In practice this means which fits best with current interpretations in related astronomical areas. ^{*10}

Red Square Nebula ^{*22}



ABOVE, MWC922 (CROPPED) IMAGE BY PETER TUTHILL, SYDNEY UNIVERSITY PHYSICS DEPT PALOMAR AND W.M. KECK OBSERVATORIES.

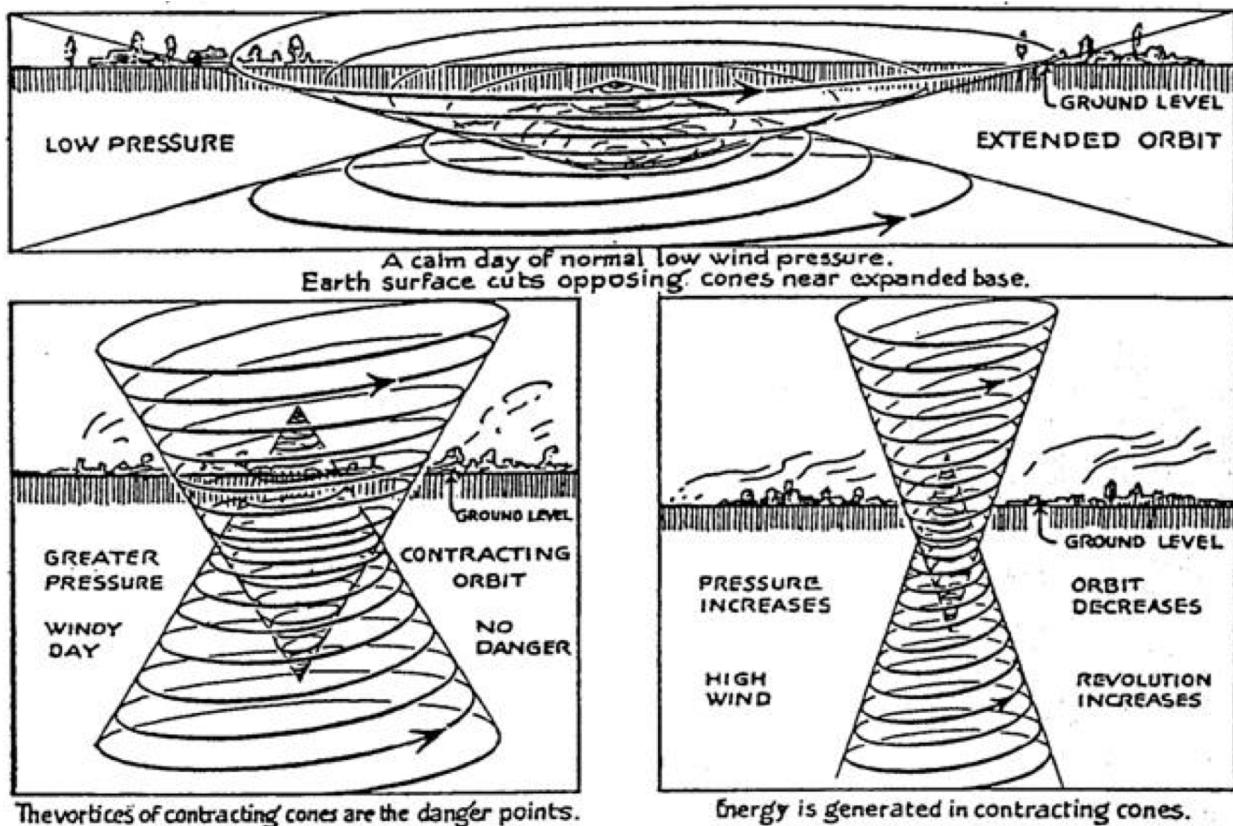
The Red Square Nebula is a celestial object located in the area of the sky occupied by star MWC 922 in the constellation **Serpens**^{*}. The first images of this bipolar nebula, taken using the Mt. Palomar Hale telescope in California, were released in April 2007. It is notable for its square shape, which according to Sydney University astrophysicist Peter Tuthill, makes it one of the most symmetrical celestial objects ever imaged.

There is no clear explanation of how the central star could produce the nebula's shape:

Towards the end of their lives, many low-mass stars, like the Sun, slough off their outer layers to produce striking 'planetary' nebulae. But the hot star at the heart of the Red Square nebula, called MWC 922, appears to be relatively massive, suggesting another process formed its signature shape. "How did all this beautiful, crisp structure form?" asks Peter Tuthill of the University of Sydney in Australia. "This is the million dollar question." ^{*23}

* Serpens ('the Serpent', Greek *"Οφίς*) is a constellation of the northern hemisphere. One of the 48 constellations listed by the 2nd-century astronomer Ptolemy, it remains one of the 88 modern constellations defined by the International Astronomical Union. It is unique among the modern constellations in being split into two non-contiguous parts, Serpens Caput (Serpent Head) to the west and Serpens Cauda (Serpent Tail) to the east. ^{*24}

The Tornado Principle ^{*13}



ABOVE, FIG. 66 (CROPPED) FROM WALTER RUSSELL'S THE UNIVERSAL ONE.

The Quest Continues

From all that's been looked at so far, did you discover more clues to solving John 1:1's mystery?

1

God is *single*. As in singular. When people talk of 'gods', they're referring to deities man creates.

W.R. wrote ONE to differentiate the divine, omnipotent, omniscient, and omnipresent, from 'one'.

ONE's an ever-present quantity, for nothing would exist without it, so it must be the quality of All.

But if one represents All, then what happens when light divides into opposing time/space forces?

With God balancing around 1: If $t=2$ then $s=1/2$; If $t=345$ then $s=1/345$; so if $t=0.54$ then $s=1.85$.

God's Word is written into the first line of a Bible as **1:1**, the answer was staring at us all along!

ONE isn't just representing 1 unit in light, it's also the ratio around which everything is balanced.

That's what Jesus meant with "if thine eye be single," return to God by undivided balance within.

Ø

Zero doesn't exist. "*WHAT???*"

It can't. Ask yourself, "what does zero represent?"

A: Nothing. As in: "does not exist." A quantity of 0 = 'ze-ro', it's null, void, nada, zilch, "no thing."

Nothing can't be something if it's 'no thing' can it? In binary 1 = exists/on/true, 0 = not/off/false.

Mathematically identifying transition 0 between two conditions (positive/negative) means nothing.

I imagine you're probably thinking that: "It's used in maths, science, and economics all the time!"

Sure, it is because that's how, as a modern civilization, we've learned to make sense of the world.

But something being used as a symbol to represent something that doesn't exist, isn't equivalent.

Think of it this way: the word "zero" exists in common vocabulary; the number "0" exists in math. But both word and number are mental constructions to identify it as *some thing* to be recognized.

Seeing something with your eyes, and recognizing it in your mind, doesn't mean it actually exists.

Draw zero on paper, and we'll both agree the symbol exists as an expression, but not a real *thing*.

The Other Half

According to the theory developed from the postulates of the Reciprocal System, the destinies of the physical universe as a whole are controlled by two powerful and antagonistic forces: the force of the space-time progression, which carries all of the objects of our environment outward away from each other and tends to disperse these objects throughout space, and the force of gravitation, which moves every unit of mass inward toward all other masses, and tends to consolidate these masses into a single aggregate... We have visible evidence of both processes...

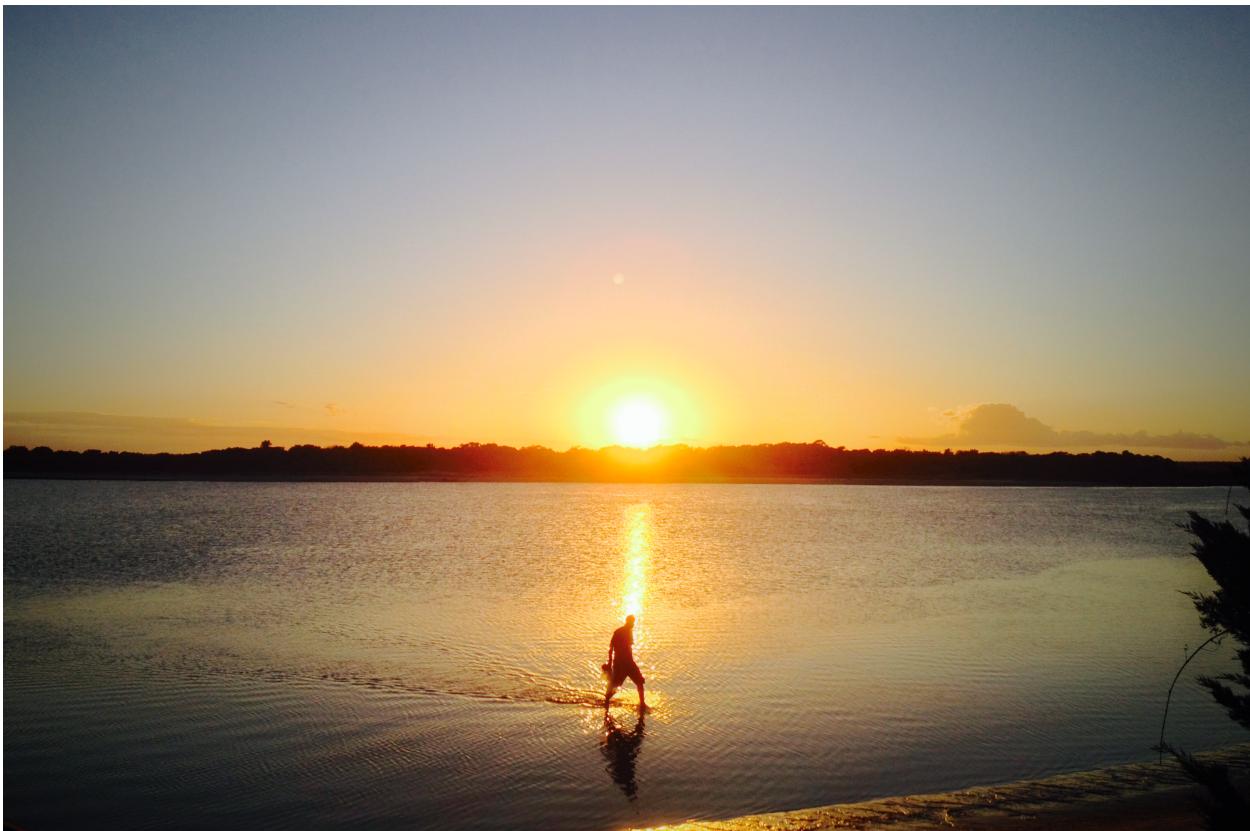
A great deal of progress has been made in astronomy and astrophysics, particularly in the last few decades, but there are still immense vacant spaces in the accumulated body of astronomical knowledge and comparatively few of the conclusions that have been reached in this field can be regarded as anything more than tentative. Leading figures in the profession are continually warning their colleagues against placing too much trust in current theories. Harlow Shapley, for instance, emphasizes "the tentative nature of our astronomical theories" and tells us that "observations are still too scanty for confidence that our interpretations are durable." W. J. Luyten similarly warns that "We must also be rather careful not to place too much confidence in our many current, but often shaky, theories." The gist of these warnings is that present-day astronomical *theory* should not be mistaken for *knowledge*.

On the other hand, the conclusions of the Reciprocal System in the astronomical field are not subject to any more than that minor degree of uncertainty that applies to all human knowledge. They are direct deductions from general principles whose validity has been established in many physical fields where the facts are readily accessible and incontestable, and they do not depend in any way on the scope or accuracy of astronomical observations. Unless some error has been made in the deductive reasoning by which the detailed conclusions were reached from the pertinent general principles, the astronomical picture obtained from the Reciprocal System is therefore necessarily correct. The possibility of an error in the deductive process cannot be completely ruled out, of course, but where the chain of reasoning is short, as in this case, a serious error is not likely, and in the absence of any specific and definite conflict with observational information there is an overwhelming probability that the conclusions reached by the new system correctly represent the true physical facts.^{*24}

Beyond Space & Time

In those earlier works, I demonstrated that a true and accurate representation of the entire physical universe can be deduced from two simple postulates as to the nature of space and time. With the aid of this complete and correct theoretical system, I was able to organize and systematize the previously existing knowledge derived from physical observation and measurement, and to clarify the physical relationships applicable to the far-out regions that are partially or totally inaccessible to observation. The present volume extends the scope of that work by examining the information about the existences *outside* (that is, independent of) the physical space-time universe, and the local manifestations of the outside existence that can be derived from the new and more complete knowledge of the space-time universe itself.

For purposes of convenient references in this presentation, the term "metaphysical" will be applied to the region outside space and time. This word has acquired a wide diversity of meanings since its original application to one of Aristotle's works, but as the *Encyclopedia Britannica* puts it, "Whatever may be the historical origins of the term, 'metaphysics' has always connoted some antithesis between physical and non-physical inquiries," and this is the significance that is being given to this term in the present work. The previous volumes dealt with the physical universe; this one extends the inquiry to the non-physical.^{*15}



ABOVE, PHOTOGRAPH BY J

Full-Time Mystic, Part-Time Scientist

The mystic's knowledge is experiential; scientific knowledge is analytical. To understand the difference, we can consider two beings with different modes of perception—one being, the scientist, can only see lines—a 1d perception. The other being, representing the mystic, can see 3d objects. Both have the ability to think abstractly. The only difference is in their perception of the world. In this example, imagine reality as a 3d cube. In forming a model of this cube, the 1d being would generate a plethora of theories to explain how the lines form up into a cube. The 3d being, however, can see the cube—its nature would be self-evident and axiomatic to him. It would appear superfluous to him to construct theories that the 'separate lines make up the cube.'

While linear thinking and theory-making is associated with the left brain, the right brain is associated with spatial intelligence—which includes 3d perception. Michael Gazzaniga writes that the left brain is constantly and reflexively generating theories to explain the internal and external events that occur around us. And it is because of that structure that we always attribute causes to everything that happens to us. Findings suggest that the interpretive mechanism of the left hemisphere is always hard at work, seeking the meaning of events. It is constantly looking for order and reason, even when there is none—which leads it continually to make mistakes. It tends to over-generalize, frequently constructing a potential past as opposed to a true one. Of course, while Science generates theories it also checks it; so there is a correcting mechanism.

In trying to communicate with the 1d observer and trying to relate to the latter's theories, the mystic often tries to interpret his 3d experiential knowledge in the context of 1d analytic knowledge, after getting acquainted with the latest 1d theories and then extending them to fit his observations. It is here that many mistakes are made. The mystic may not be adequately versed in the latest 1d (scientific) theories. He may not even have any interest in them previously or currently. The relevant theories and mathematics may be so far short of explaining the 3d observation that it may take decades or lifetimes to construct 1d theories that adequately describe them.

The mystic is therefore confronted with this dilemma after many years of evolving to a new awareness in a higher dimensional consciousness, he has to now descend to lower-grade analysis to explain to 1d analysts his truths in terms of what they know. In doing so, he has to tether his higher dimensional consciousness now to a lower dimensional consciousness in order to relate his 3d (experiential) knowledge to the existing 1d (analytical) knowledge. He may neither have the expertise nor the motivation to do this. This knowledge, which is highly prized by the 1d beings, is uneconomical, long-winded and 'dead' to him. He has to force himself to an unrewarding task of going back to 1d basics. Most mystics, however, choose to remain where they are and try to coerce and educate 1d'ers to a higher dimensional awareness through mental training. However, 1d'ers may not always be very responsive to the new knowledge because they cannot readily relate to them.

This is particularly true of scientists firstly, this is because of the attachment that a scientist has to his body of knowledge that he had created and tested. He would therefore expect the mystic to relate his knowledge to this body of knowledge. Secondly, his 1d knowledge would be so extensive and intensive that the mystic would have a hard time trying to relate his 3d experiential knowledge to this vast 1d analytic knowledge of the scientist. The mystic would have to be a 'full-time' 1d scientist and 3d mystic—at the same time! Even to ask one scientist to be an expert in two different areas of Science would be a tall order. To ask a mystic to promptly take an interest in something that he had already rejected a long time ago and now to become an expert in it would be almost impossible. Hence, there are very few mystic-scientists. This also explains the current gap between Science and religion.^{*25}

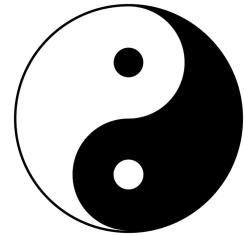
The Conjugate Realms: This World and the Otherworld

One of the more spectacular conclusions that Dewey Larson made with his reciprocal relation between space and time was the discovery of a sector of the Universe that is the conjugate of the one we are familiar with—literally, the *Universe of Time*, which he termed the *cosmic sector*. This cosmic half of the universe contains structures similar to what we observe in the material, spatial half: atoms, dust, rock, asteroids, planets, suns, galaxies,... everything that can exist here in 3-dimensional space, can have an analog in 3-dimensional time; these two halves of the universe are not separate phenomena.

The close coupling of these sectors can easily be identified by the difference between *structure* and *force fields*. Structure is spatial; we can observe it, we can measure it and we can manipulate it. However, force fields are temporal—unobserved except by the effect they have *on* structure. A simple way to represent the interaction of these two halves of the universe is through the concept of the complex quantity, where the *real* component is space and the imaginary component is time. Note that this is the case from the material perspective; from the cosmic (antimatter or afterlife) perspective, the situation is reversed: time is real (3-dimensional) and space is imaginary. Perfect compliments of each other.^{*26}

Yin Yang

In Chinese philosophy, **yin yang** (/jɪn 'ja:ŋ/; Chinese: 陰陽 yīnyáng, lit. "dark-bright", "negative-positive") describes how seemingly opposite or contrary forces may actually be complementary, interconnected, and interdependent in the natural world, and how they may give rise to each other as they interrelate to one another. Many tangible dualities (such as light and dark, fire and water, expanding and contracting) are thought of as physical manifestations of the duality symbolized by yin and yang. ^{*27}



The Limitation of light

Einstein's equations of special relativity posit that the speed of light varies subjective to inertia (resistance), caused by the medium light propagates through. Thus, light is also limited by the 4 Major Strata that it tries to move through: mass, water, air and space. When light moves through a vacuum (Casimir vacuum) it moves faster than the known speed of light constant because there is so little resistance for it to encounter in a vacuum. When light moves through space, it travels slower than a vacuum because the fabric of space slows it down. When it moves through air mass, it travels slower yet. When light moves through water, it slows down due to the inertia it encounters with the density of water. ^{*20}

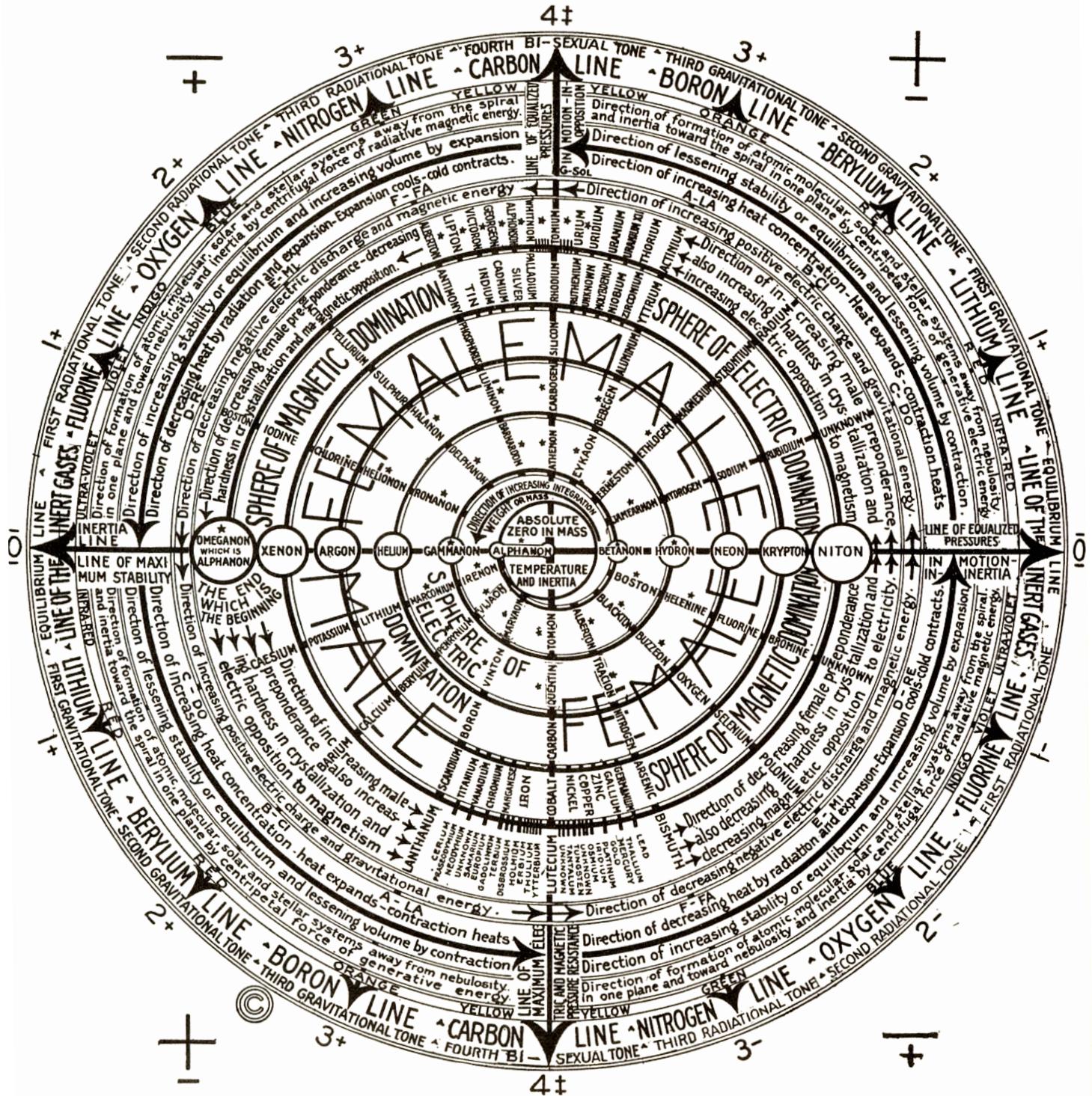
The Lorentz Factor

Special relativity has many counterintuitive and experimentally verified implications. These include the equivalence of mass and energy ($E = mc^2$), length contraction (moving objects shorten), and time dilation (moving clocks run more slowly). The factor γ by which lengths contract and times dilate is known as the Lorentz factor and is given by $\gamma = (1 - v^2/c^2)^{-1/2}$, where v is the speed of the object. The difference of γ from 1 is negligible for speeds much slower than c , such as most everyday speeds—in which case special relativity is closely approximated by Galilean relativity—but it increases at relativistic speeds and diverges to infinity as v approaches c . For example, a time dilation factor of $\gamma = 2$ occurs at a relative velocity of 86.6% of the speed of light ($v = .866c$). Similarly, a time dilation factor of $\gamma = 10$ occurs at $v = 99.5\% c$.

The results of special relativity can be summarized by treating space and time as a unified structure known as spacetime (with c relating the units of space and time), and requiring that physical theories satisfy a special symmetry called Lorentz invariance, whose mathematical formulation contains the parameter c . Lorentz invariance is an almost universal assumption for modern physical theories, such as quantum electrodynamics, quantum chromodynamics, the Standard Model of particle physics, and general relativity. As such, the parameter c is ubiquitous in modern physics, appearing in many contexts that are unrelated to light. For example, general relativity predicts that c is also the speed of gravity and of gravitational waves. In non-inertial frames of reference (gravitationally curved spacetime or accelerated reference frames), the *local* speed of light is constant and equal to c , but the speed of light along a trajectory of finite length can differ from c , depending on how distances and times are defined.

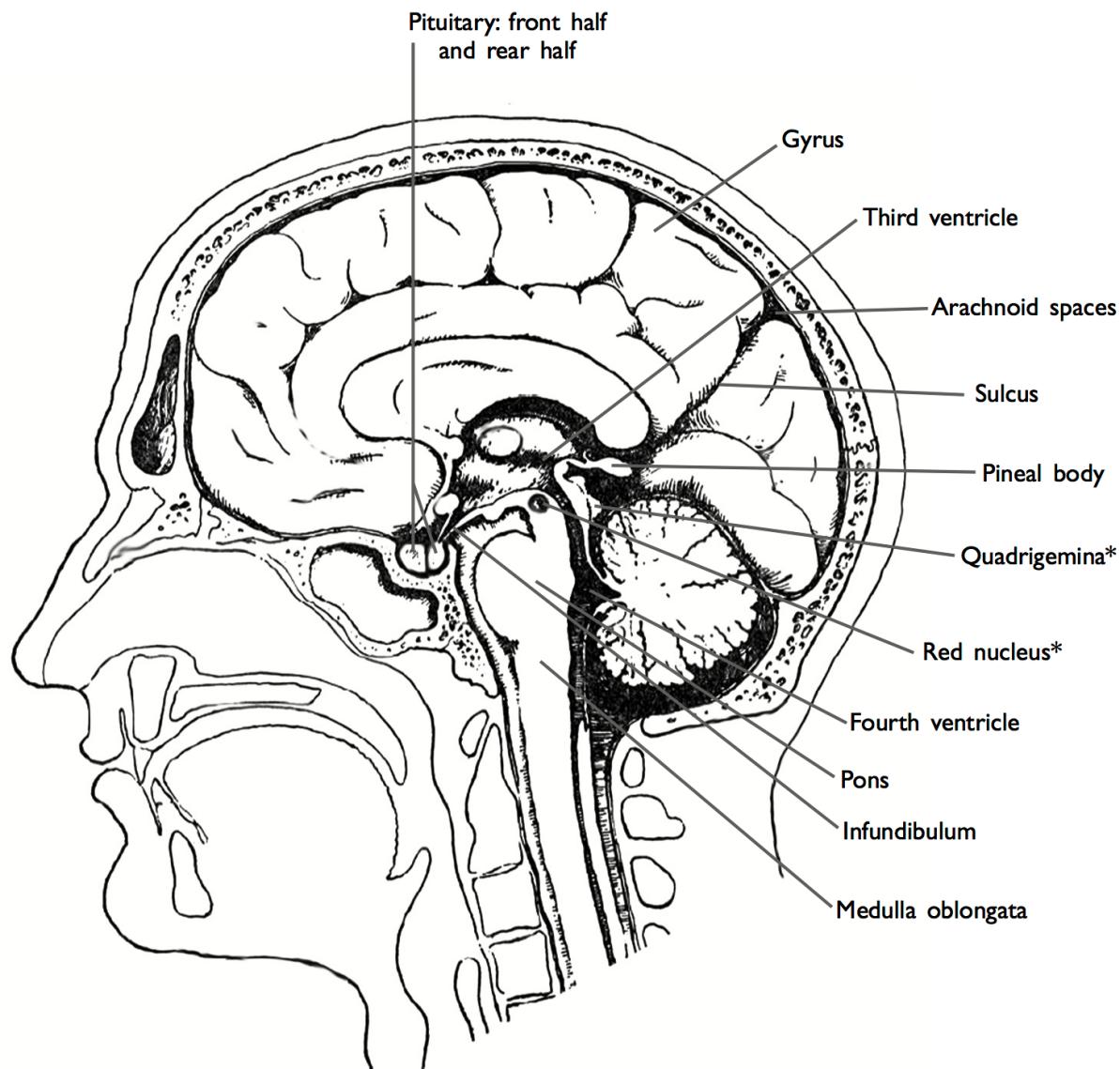
It is generally assumed that fundamental constants such as c have the same value throughout spacetime, meaning that they do not depend on location and do not vary with time. ^{*28}

Walter Russell's Periodic Chart



THE RUSSELL PERIODIC CHART OF ATOMIC WEIGHTS, ELECTRO-MAGNETIC CHARGE, GRAVITATION, RADIATION, SEX, TEMPERATURE, ELECTRIC AND MAGNETIC PRESSURES, VALENCE, IONIZATION AND OTHER PERIODICITIES

The Median Line ^{*30}



Above, "Section of the Human Brain in the Median Line"

Mysticism

...is the belief in or the effort for communion with God, by meditation or by experiencing the nearness, the presence of or the communing with God...

Mystics are usually honest in their intentions and beliefs and are earnest in their devotions. They may rise in sudden ecstasy to beatific heights, and sink into the depths of depression; their experiences may be brief or prolonged. ^{*31}

Consciousness

There was one thing flawed in the Big Bang model! Where was consciousness born? We are living consciousness. Who was experiencing Time and the birth of the four dimensions at the moment of the Big Bang? Einstein wasn't born yet. Neither was Galileo. In fact, no one was. If no one was observing the Big Bang, at the Time of the creation of the Universe, because organic life was not born yet, not for billions of more years, then how do we measure the event? Did it happen?

What is consciousness? What does it look like? Has anyone identified the "*Consciousness Particle?*" Yes we have. Each and every one of us are conscious particles producing a spectrum of brainwaves and awareness to some extent. Those brainwaves are proof that consciousness exists. But what is the moment of the creation of birth of the first consciousness, the first "Self Aware" Universe? Did it always exist to even witness the Big Bang and then take form, or did consciousness exist at the moment of the birth of the flesh?

This is a huge question for physicists, biologists and astronomers, and no one has ever taken this into account. The moment that consciousness was born has never been recorded like the Big Bang was. Consciousness is just assumed. It is not proven.

Proving, as we did earlier in the work, that atoms are exchanging information (light, pictures, feelings) just like radio and TV waves with each other, shows an information transfer and storage system similar to a computer memory system. But is the atom itself conscious and self-aware? Or, are atoms like sensors in our own body? In our body, our individual cells act as sensors and memory chips, but our consciousness is something greater.

Today's theologians believe that first the flesh came into being and then consciousness. When we became a living thing, we became a living spirit. This would mean that before any living biological organism came into being that was self aware or aware of the Universe at all, there would be no conscious observer to witness the creation of the Universe and the Big Bang. That would mean from a consciousness perspective, the Universal Big Bang never happened because no one was there to see it happen.

Jesus argues this as presented by Thomas, Verse 29; Jesus said, "If the flesh came into being because of spirit, that is a marvel, but if spirit came into being because of the body, that is a marvel of marvels. Yet I marvel at how this great wealth has come to dwell in this poverty."

Jesus clearly derides the theory that consciousness (spirit) comes into being upon the birth of the body, declaring theologian modern ideas ineffectual. That means consciousness pre-exists the birth of flesh or biology. This means the spiritual is preexistent to life on Earth. So when was consciousness born?

In the Gospel of Thomas, Verse 77, Jesus says, "I am the light that is over all things. I am all: from me all came forth, and to me all attained. Split a piece of wood; I am there. Lift up the stone, and you will find me there."

None of this speech requires the consciousness of Jesus (as God) to reside in the flesh, nor in anything living, for stones appear to be without consciousness as far as humans are concerned. As far as Jesus is concerned, stones and wood are alive. God's consciousness resides virtually anywhere, in what appears to be living and what appears to be without a soul (a stone). But once again, where was consciousness born?

In the Gospel of Thomas, Verse 83, Jesus said, "Images are visible to people, but the light within them is hidden in the image of the Father's light. He will be disclosed, but his image is hidden by his light."

Now we are seeing Jesus speak of a pre-existent Light versus the light that gives us the ability to see the "images that are visible to people." But the image of the Father is hidden by his Light. What then is this Light? Is it Singularity? Is Singularity also consciousness?

In the Gospel of Thomas, Verse 18-19: "The disciples said to Jesus, "Tell us, how will our end come?" Jesus said, "Have you found the beginning, then, that you are looking for the end? You see, the end will be where the beginning is. Congratulations to the one who stands at the beginning; that one will know the end and will not taste death." Jesus said, "Congratulations to the one who came into being before coming into being."

What do each and every one of us experience at the beginning of our lives and also at the end? The only thing I could have knowledge of was that consciousness was there through all of it. It witnessed and experienced my life. It never expired even when I dreamed. Consciousness exists after death and before it. It always was. That is the part of each and every one of us that is eternal.

Jesus's disciple Thomas spread the gospels in India where he was eventually hacked to death by the swords of Indians who feared his power and Jesus Christ. They feared an iconoclasm in their country and did not want this new religion to triumph as it was fast growing.

In the Gospel of Thomas, Verse 11, Jesus said, "This Heaven will pass away, and the one above it will pass away. The dead are not alive, and the living will not die. During the days when you ate what is dead, you made it come alive. When you are in the light, what will you do? On the day when you were one, you became two. But when you become two, what will you do?"

At this point in the investigation into Singularity, I suppose everyone knows where we came from. But now we have become split in two and we believe it. We believe in war because we fight wars. We believe in racism because races fight against one another and try to out-populate one another for global domination. Every race is guilty of this feeling of supremacy. Some do it by populating foreign territories and others do it by the power of politics, drugs, war and money. All of it is an illusion, but we believe it. We identify with it and make it real. In fact, it is real to us because we identify with it.

What would happen if we no longer identified with duality as reality? If, as an individual, we stop identification with duality, according to the teachings of Krishna, Buddha and Jesus, we no longer experience it; we become free from suffering. Suffering is caused by identification with pleasure and pain. This is Buddha's teaching.

Albert Einstein said, "The religion of the future will be a cosmic religion. It should transcend a personal God and avoid dogmas and theology. Covering both the natural and the spiritual, it should be based on a religious sense arising from the experience of all things, natural and spiritual as a meaningful unity. If there is any religion that would cope with modern scientific needs, it would be Buddhism."

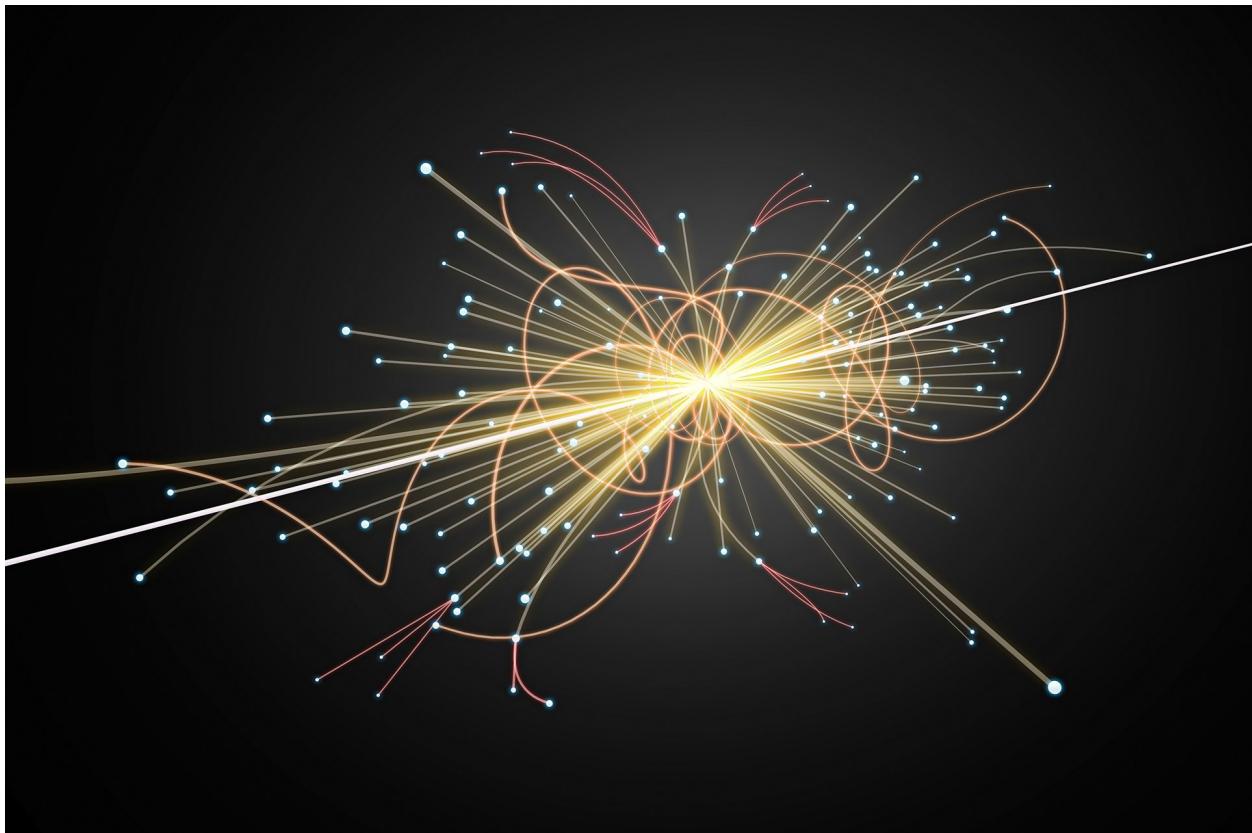
In fact, science and Buddhism are so close because Buddha did not intend his teachings to become a religion of belief. For him, it was a scientific method for the eradication of the cause of suffering. In the "Eightfold Path" to the eradication of the cause of suffering, Buddha says that when we identify with phenomena (pleasures and pains -

duality) that are by nature, impermanent, just like the transient life of subatomic particles dancing in and out of the void, we give birth to suffering. We want to control life and tell it what to do but life decides to dance in circles around what we think we want. When we get what we want, we are still not happy for very long. Soon, suffering returns.

When we practice meditation for many years or lifetimes, we eventually understand what quantum physicists understand: that everything is impermanent (Buddha's *anicha*). Nothing can be identified as an absolute because everything is constantly transforming, being born and dying. Subatomic particles bubble into life from a seemingly empty void and die back into the void. Buddha found the same truth when he realized that all impermanent phenomena arise from emptiness and return back into emptiness. Why did what Buddha discovered ring true for quantum physicists 2,500 years after he founded Buddhism (6th Century B.C.). Is it because Buddha discovered a truth that is not a belief, but an actual revelation on how the universal mind is working?

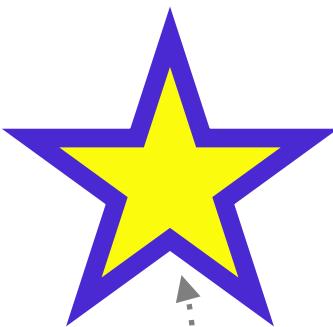
In Buddhism, if the practitioner no longer identifies with the impermanent nature of transient dual-natured phenomena, there is realization of emptiness, and ultimately Nirvana (enlightenment). Enlightenment is the Singular state of mind. It is the pre-existent primordial consciousness of the universe. This consciousness does not die and there is no suffering in it. In fact, it is blissful. ^{*20}

Particles in Collision ^{*32}



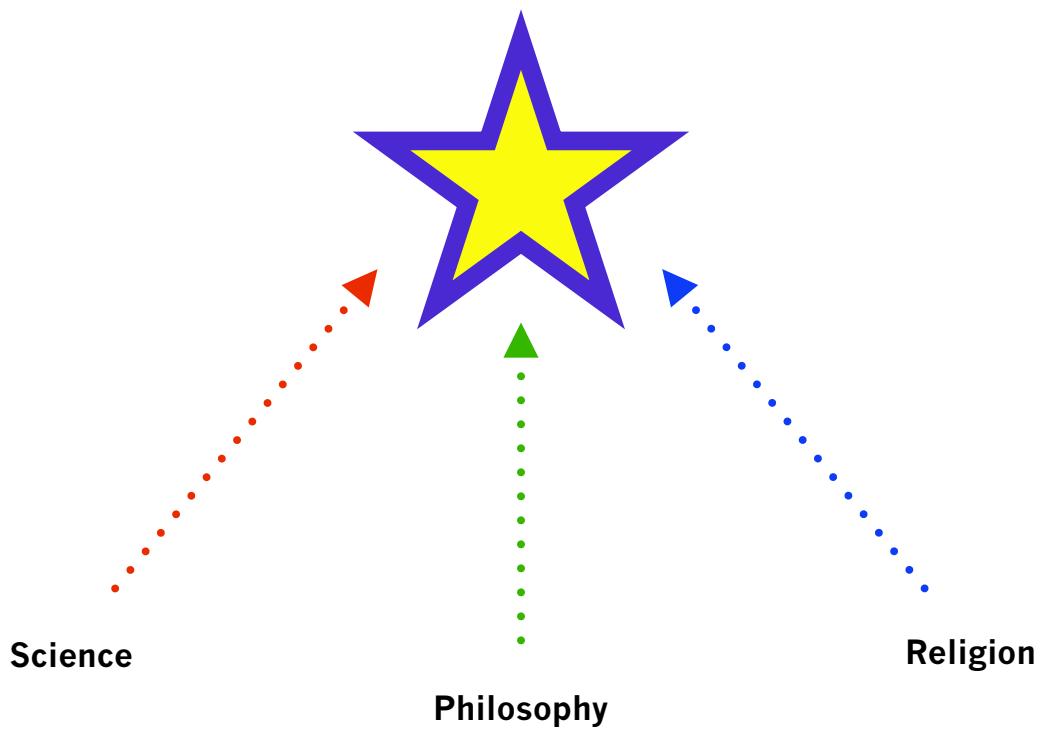
ABOVE, PARTICLE COLLISION VISUALIZATION OF ONE CERN LARGE HEDRON COLLIDER'S 'BILLIONS OF DOLLARS' WORTH OF EXPERIMENTS.

Truth

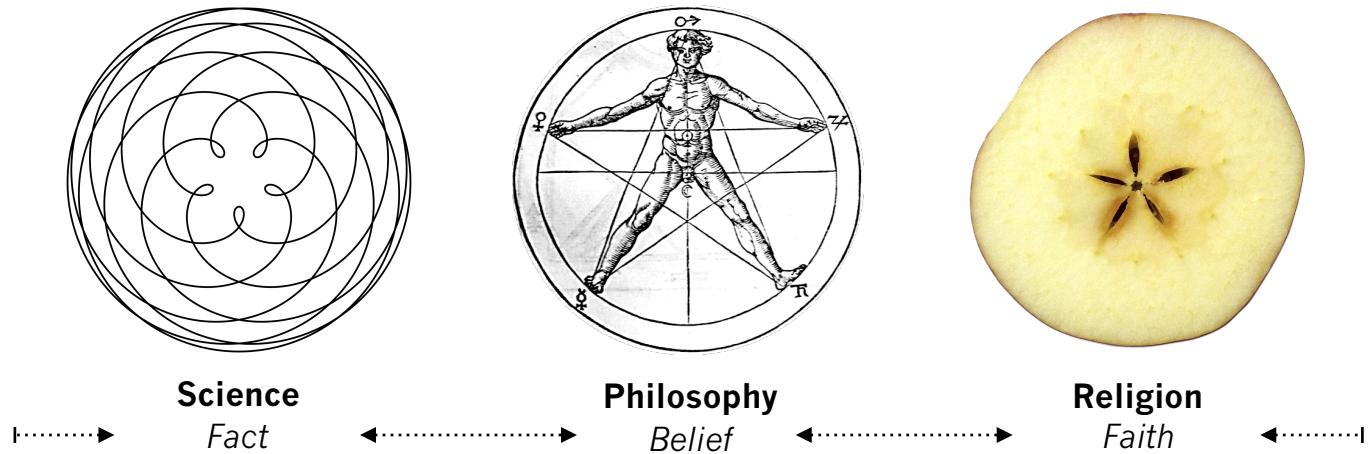


“How do you get there, from here?”

Paths to Truth



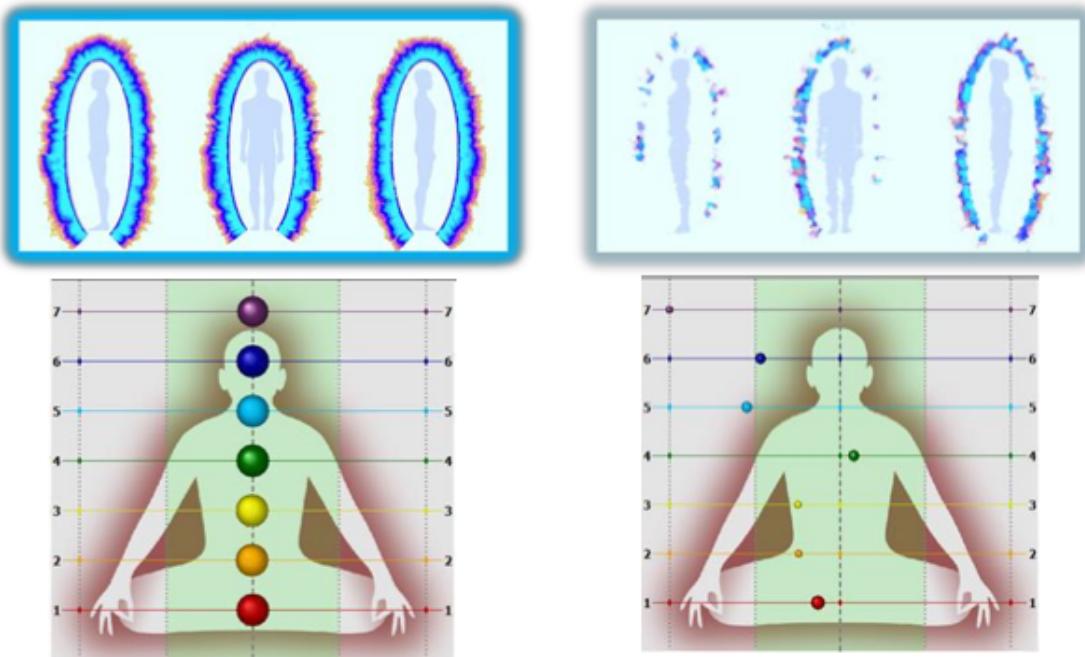
Knowledge of Truth *33 *34



The Search for Truth

This work is all to do with *light*, the kind that illuminates one's spiritual origins with God's Source.

Measuring the Light Within *35



ABOVE, FIG. 3 FROM A STUDY ATTEMPTING TO MEASURE THE HEALTH OF A PERSON'S LEVEL OF CONSCIOUSNESS AS "EXCELLENCE."

A Milestone in the History of the Paleontology

The admission by evolutionists themselves that Archaeopteryx is not an "intermediate transitional form" to serve as evidence for evolution is an important milestone in the history of palaeontology. This is because for about 150 years, Archaeopteryx has continued to be the most prominent among the very few so-called "intermediate transitional forms" evolutionists could advance. However, this door of escape is also closed now, and the world of palaeontology has had to face the plain truth that **there is not even a single fossil which can provide evidence for evolution.**

The outcomes are evident. The New York Times also accepted that fact and ran the headline "Fossil Discovery Threatens Theory of Birds' Evolution." That is true. Indeed, the ancestor of birds was a bird. The ancestor of fish was a fish, the ancestor of horses was a horse, the ancestor of kangaroos was a kangaroo and the ancestor of man was a man. In other words, **all different classes of living beings emerged in the perfect and specific forms they have today. In other words, they are created by God.**^{*36}

Schizophrenia

Francis Ivanhoe's theory that this brain region senses the Earth's field strength and might influence brain anatomy in response to some geomagnetic phenomena is indeed a bridge to many new hypotheses, or a source of sudden clarity for existing cultural observations. It is well known in the public science literature that schizophrenia is consistently accompanied by changes in the anatomy and activation patterns of the hippocampus. In 1963 electrophysiologist Robert O. Becker and psychologist Howard Friedman pooled their clinical resources to examine rates of schizophrenia admittance and psychiatric ward behavior in relation to geomagnetic disturbances.

Looking at the admittance data of 8 hospitals in relationship to 67 magnetic storms over the course of 4 years, their sample size of 28,000 admissions clearly showed that significantly more people were signed into psychiatric services following magnetic turbulence, compared to periods when the field was stable. Correlation does not equal causation of course, but they further examined 12 schizophrenic patients at the local VA hospital who were scheduled to remain there for the next few months with no changes in treatment.

To do this, they asked the ward nurses to fill out a standard patient evaluation at regular intervals (once per 8-hour shift), while they compared the behavioral reports with incoming cosmic ray activity – seen as a more reliable way to differentiate between magnetic storms and other routine variations in the Earth's field. Almost all of the subjects displayed behavioral changes 1-2 days after cosmic ray events, particularly indicative of the pattern of geomagnetic turbulence that occurs after low-energy cosmic ray flares from the sun make landfall upon the outer anatomy of the Earth's field.^{*6}

Self-Acting Engine

One hundred years ago, Nikola Tesla discovered the ultimate way to harness the energy of the sun by converting the ambient temperature of the air into mechanical energy. He outlined the entire method and even solved many of the difficulties himself. But forces during his lifetime prevented him from completing this work. His "self-acting" engine is a true fuel-less power plant, capable of producing useful energy at any location on the planet, at any time of the day or night.^{*37}

Brilliant Light Power ^{*38}

[Interviewer] "... Brilliant Light Power, incorporated in 1991 to develop his Sun Cell, as a cheaper, more autonomous alternative to traditional grid power. With diminished environmental impact, the Sun Cell would draw hydrogen from the atmosphere and convert it into a form of dark matter, emitting vast amounts of light that the machine would then translate into electrical power."

[Dr Mills] "No gasoline stations, no oil wells, oil tankers, refineries, or any fuel supply chain. It has enormously great range. One of limitations of electric vehicles is range and power, and this would supplant, in every category, surpass and supplant any technology out there, in any type of parameter comparison, in terms of its range, power, cost, and is completely pollution free."

A Universe of Scalar Motion

Three dimensions of scalar motion, the scalar dimensions, are behind *all* structure in the universe of motion. These can be seen at the astronomical level, particular the expansion of galaxies that are often described as "spots on an inflating balloon."

The most common question that students of the Reciprocal System ask is, "how can you have motion, without something moving?" The problem stems from the fact that motion is taught as a mechanical *quantity* (amount of something, typically velocity), not *magnitude* (not associated with a unit of measure). Try replacing the word "motion" with "ratio," as it will help to overcome the conceptual programming, because you *can* "have a ratio, without anything moving."

What is actually "moving" are *locations*, and for that to work you need an *observer, something to observe* and a *datum* from which to measure change. Larson's scalar motion has a ratio to observe, a ratio to measure change from (the unit speed datum, forming the cross-ratio), but *lacks the observer*. Scalar motion *cannot* be observed directly, but only by how it *changes locations in space and time*. We call these scalar-induced changes of location, *force fields* (electric field, magnetism and gravity), even though there is actually *no interaction* between what is observed.

For example, consider walking towards a door. You have an internal motion that is mapped to a location, and that motion is forcing a change of location. You are not being magically pulled to the door by an invisible force—it is solely the underlying motion that is causing your change of location. This is the concept underlying the "instantaneous" attraction and repulsion of field effects, such as gravity. It appears instantaneous, because there is actually no interaction at all—they are independent motions that, when observed, appear to be interacting. ^{*39}

Shift of Paradigm

Importantly, level 500 indicates that the subjective condition called Love has now become not only significant but also dominant, not just as a feeling and emotion, but as the guiding principle. While the energy of Love may be focused as a consequence of interest or motive, it represents a breaking away from restriction and limitation of self-interest. Love serves, whereas ego seeks to be served in its pursuit of gain. To Love, the long-term satisfaction and pleasure of givingness replace the evanescent, short-term ego satisfaction of gain. ^{*40}

Human Destiny

There is one final question that occurs to us all... . "What is the meaning and object of it all?" This is the question that down the ages has puzzled all the thinkers and all the philosophers without any real satisfactory answer being found. And now it seems only Science is left to appeal to, and what science says is that there is no indication whatsoever in the whole cosmos that there is any discernible purpose at all... . some deep inner voice says otherwise and prompts us that there must be. (Raymond A. Lyttleton)

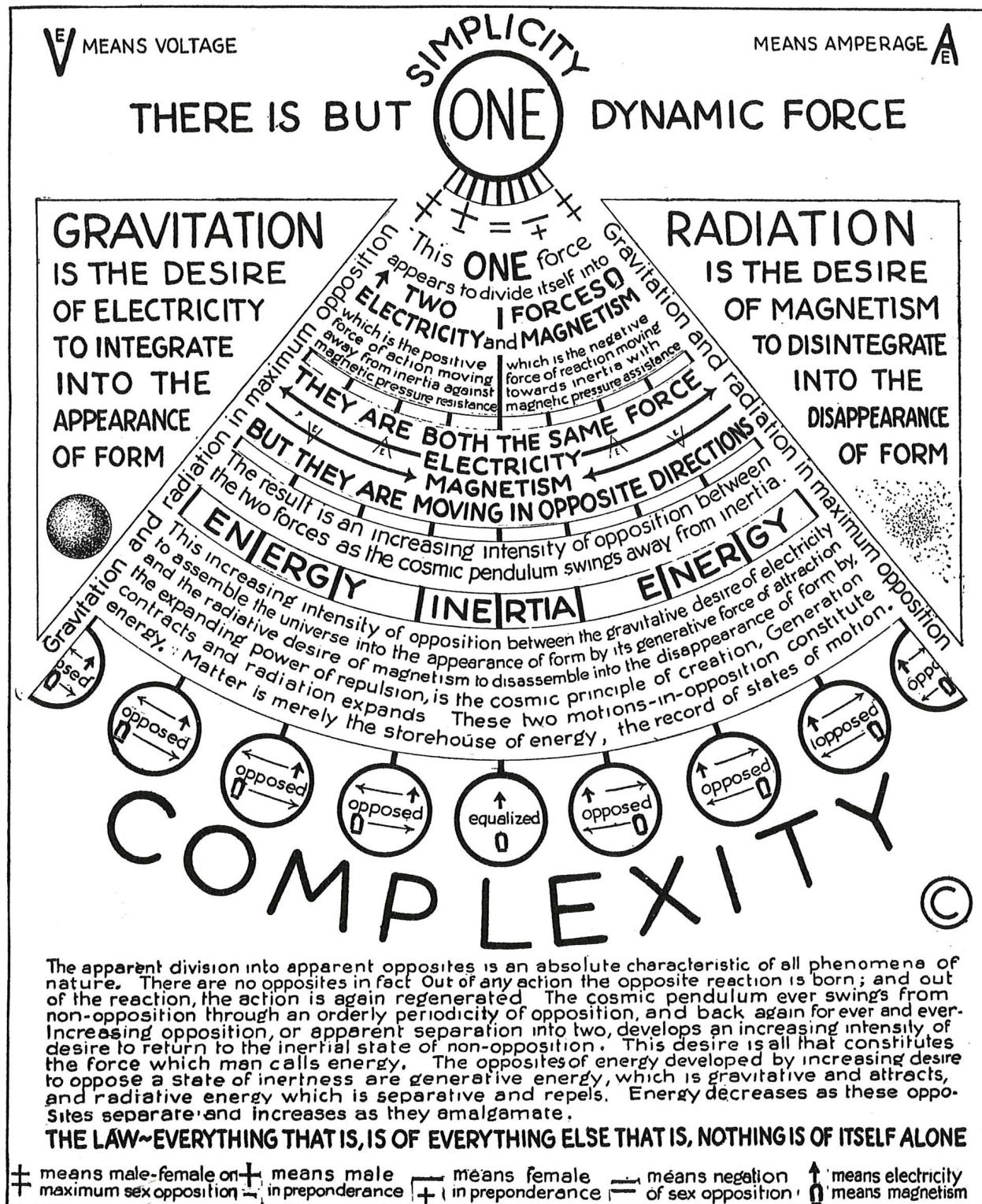
There are those who deny that it is *possible* for our existence to have any purpose. Ayer, for instance, says this:

It follows, if my argument is correct, that there is no sense in asking what is the ultimate purpose of our existence, or what is the real meaning of life... those who enquire, in this way, after the meaning of life are raising a question to which it is not logically possible that there should be an answer.

Ayer concedes that it is possible for a *man* to have a purpose. "It is a matter," he says, "of his intending, on the basis of a given situation, to bring about some further situation which for some reason or other he conceives to be desirable." But he insists that it is not possible to show that human life tends toward a specific end, and that even if this were possible, that end would be purely arbitrary from the human standpoint and therefore could not be considered as the fulfillment of a purpose. Our findings now cut the ground out from under this and all similar arguments.

Lyttleton's comment as to the inability of science to detect any purpose in the universe refers, of course, to science as it stood prior to the development of the Reciprocal System of theory. The results of the investigation on which that system of theory and its extension to the metaphysical region are based have now thrown an altogether different light on the situation. These results show that the entire physical universe, including human life, is directed toward a specific end. The information that has been developed with respect to metaphysical existence makes it clear that this end is, in some way, a desirable end. Here, again, the conclusions reached in this work are in harmony with the basic assertions of the transcendental religions. The inability of the empiricists to find any purpose in life is simply a result of their refusal to look at the situation as a whole, to see beyond the relatively narrow confines of physical existence, and to recognize the greater reality that is offered by religion and verified by the present investigation.

We have identified the "deep inner voice" to which Lyttleton refers. According to our findings, it is intuition, the process whereby human beings obtain information from the metaphysical sector of the universe. In our studies of this non-physical communication process, we have established certain criteria of validity that can be applied to the information that is received. Among these is the conclusion that, where a strong intuitive conviction with respect to a matter on which no factual evidence is available is shared by almost all of the members of the human race, this agreement is tantamount to proof of the validity of the intuition. The existence of a purpose is one of those items on which there is near unanimity. Even those scientists such as Lyttleton who recognize that the scientific views to which they are committed leave no room for a purpose are nevertheless convinced that "there must be" a purpose. It can therefore be taken as an established fact that there is a purpose in the existence of the physical universe. A similar, almost unanimous, intuitive conviction tells us that the purpose for which this universe exists is in the process of being accomplished. Any idea that this immense and complicated structure could be nothing but an exercise in futility is recognized as preposterous. It follows that we can determine the nature of the purpose for which the universe exists by examining what is actually being accomplished. ^{*15}



THE ONE FORCE OF THE UNIVERSE IS THE ENERGY
OF THINKING MIND. THERE IS NO OTHER ENERGY

1:1

Now we may solve the mystery of Larson's cross to answer the \$1M Red Square Nebula question:

Dewey B. Larson's Reciprocal System theory, took the complex path of observing the processes of nature, and examining the motion between matter and the cosmic sector, to deduce its algorithm. The result of his life's research $s/t=1$, is the engineering equivalent of W.R.'s ONE chart (*previous*).

And thanks to W.R. we learned All *begins* with ONE—it can only be *explained* from **1** *⁴², not t or s .

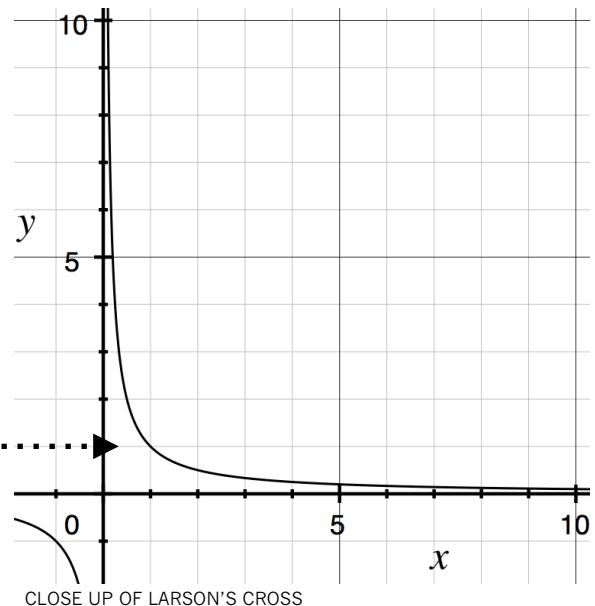
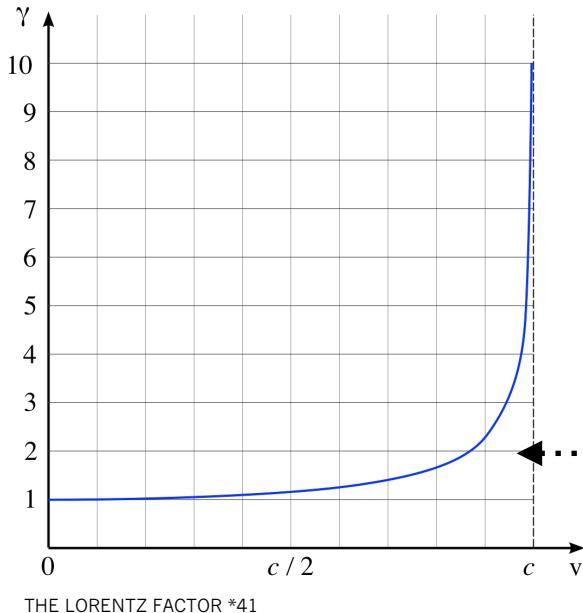
The key then is $1=s/t$. ONE is 1, we know as God and c the speed of light, Time as t and Space s .

In other words, everything *begins* with light—not zero. And this is where physics has it backwards.

Physics observes that the world as we know it begins with 0—but that's a consequence of gravity. For example, if someone were pushed into the corner of a room and a force is holding them there, then it's natural to assume the only way to get across a room, is by overcoming that force from 0.

That's why science thinks in terms of overcoming humanity's limitation imposed by biological life.

Let's look again at the Lorentz factor equation which science requires to speed up matter to light:



Notice how the curve slope remains relatively minor, until it approaches the speed of light, where it very rapidly turns a 90° upwards? Notice the shape of it, its curve. Now compare the curve with the result of plotting Larson's $1=s/t$ equation onto a graph using the equation of $y=1/x$ (or $x=1/y$):

This author proposes, they're an *almost* exact mirror of each other. Notice how in Larson's graph, the peak or summit of the curve is precisely 1, as in $x=1$ and $y=1$ where the light value originates.

The Lorentz factor curve appears 'slightly off' compared to the x to y symmetry of Larson's cross.

Which brings us to Red Square Nebula, perhaps the most memorable star this author remembers:

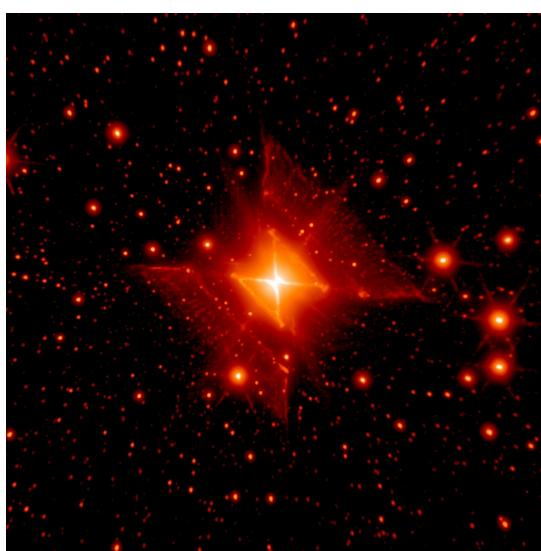
"When I first encountered the graph plotting Larson's cross during experiments, it struck a chord. Something about its curves and the psychic impression it made, caused for a pause to wonder... Haven't I seen this before? Just few months prior, had come across this image of the Red Square. And in a moment of inspiring intuition, decided to place one over the other to check their lineup. They didn't exactly match, but was close enough to promise curiosity its reward for persevering."

Note: At this point its important for this author to explain this next step, lest he be accused of fudging.

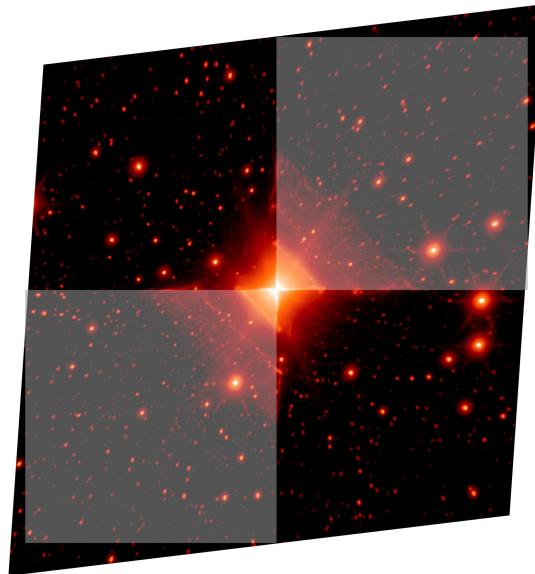
The Red Square Nebula is ~5,000 light years from Earth, so asking the nebula to "turn a little" to pose left or right, like a photographer might direct a model to during a cover shoot, is impossible. So, "I'm afraid" this author relied on the next best thing: skewing/rotating the picture to center it.

As you can see (*below*), left is the original image by Peter Tuthill and right a copy center adjusted. The result right, without white squares layered on it, will be used to compare with Larson's cross.

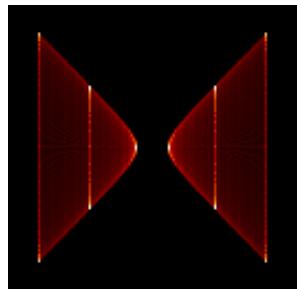
Accordingly, its imager also proposes a perfect symmetry pair for the nebula, as evidenced by the nebula's illustrative 3D renderings (*below: a,b,c*) on the Sydney University Physics Dept.'s website.



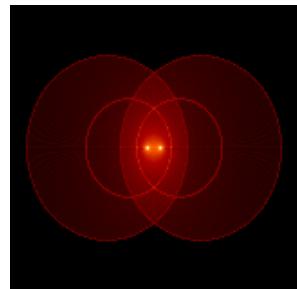
ABOVE, ORIGINAL RED SQUARE NEBULA BY PETER TUTHILL.



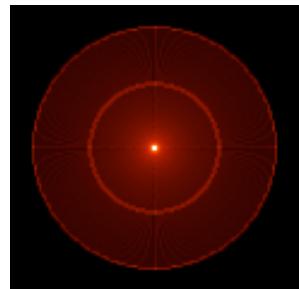
ABOVE, ORIGINAL SLIGHTLY SKEWED AND ROTATED TO CENTER.



a.

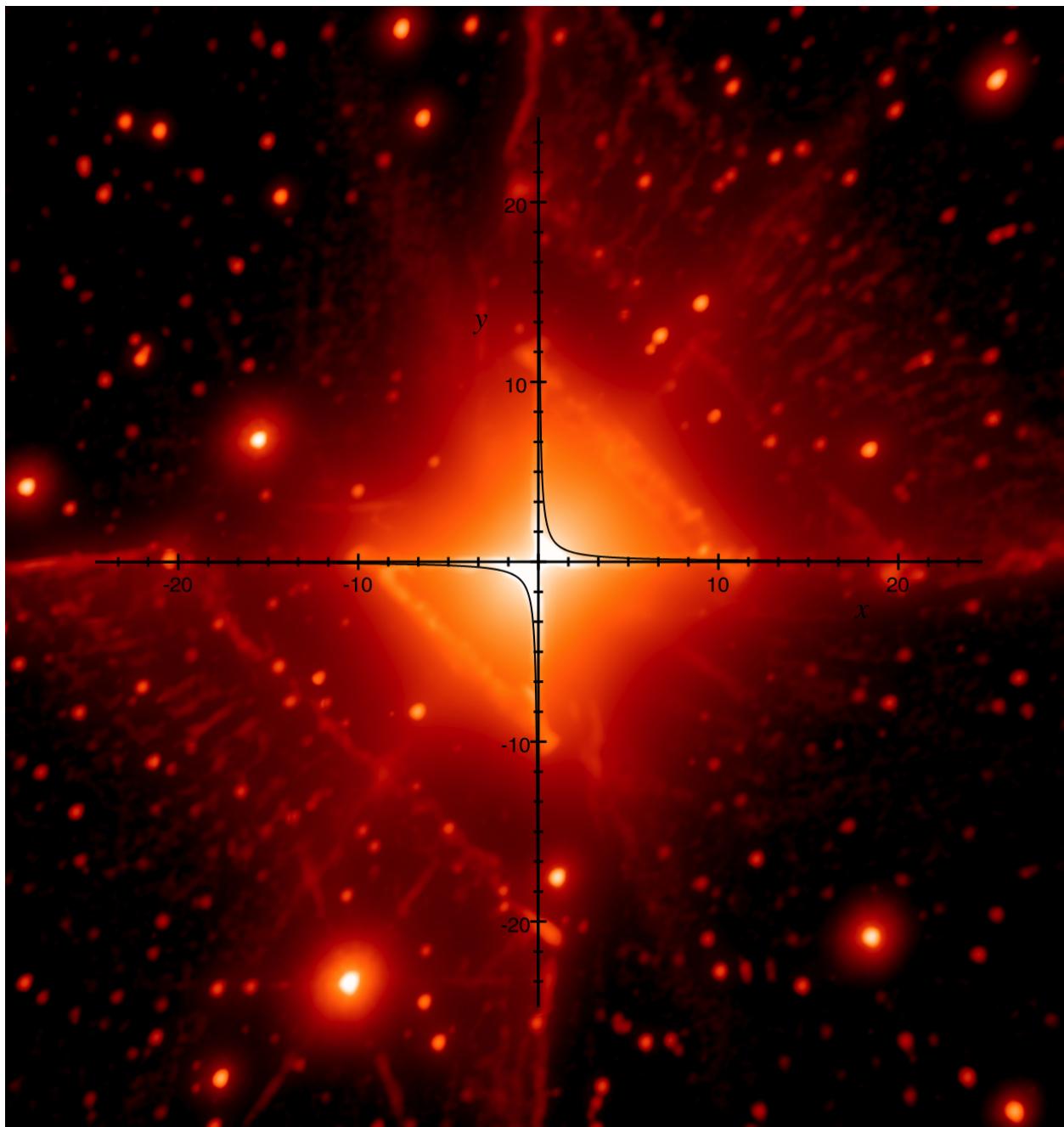


b.



c.

Welcome Home



"LARSON'S CROSS" LAYERED ON A SKEWED/ROTATED SQUARE NEBULA IMAGE: A POTENTIAL VALIDATION OF HIS RECIPROCAL THEORY.

Dewey B.Larson spent most of his life working on his Reciprocal System of theory, until developed to a point where he could explain many physical phenomena in the universe using two postulates, which provided the foundation from which a simple formula could be derived to explain all: $1=s/t$.

This is the proof he missed during his life: of being able to provide a *simple* example of his theory.

Sources

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Acknowledgments

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The Reciprocal System Research Society

The *Reciprocal System Research Society (RS²)*, formerly the *International Society of Unified Science*, is a 501(c)(3) non-profit, educational, scientific institution dedicated to promoting the Reciprocal System of theory originally published by Dewey B. Larson in his 1959 book, *The Structure of the Physical Universe*. The society is based in Salt Lake City, Utah, USA.

<http://reciprocalsystem.org>

Peter Tuthill and James Lloyd

<http://www.physics.usyd.edu.au/%7Egekko/redsquare.html>

The University of Science and Philosophy (USP)

<https://www.philosophy.org>

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