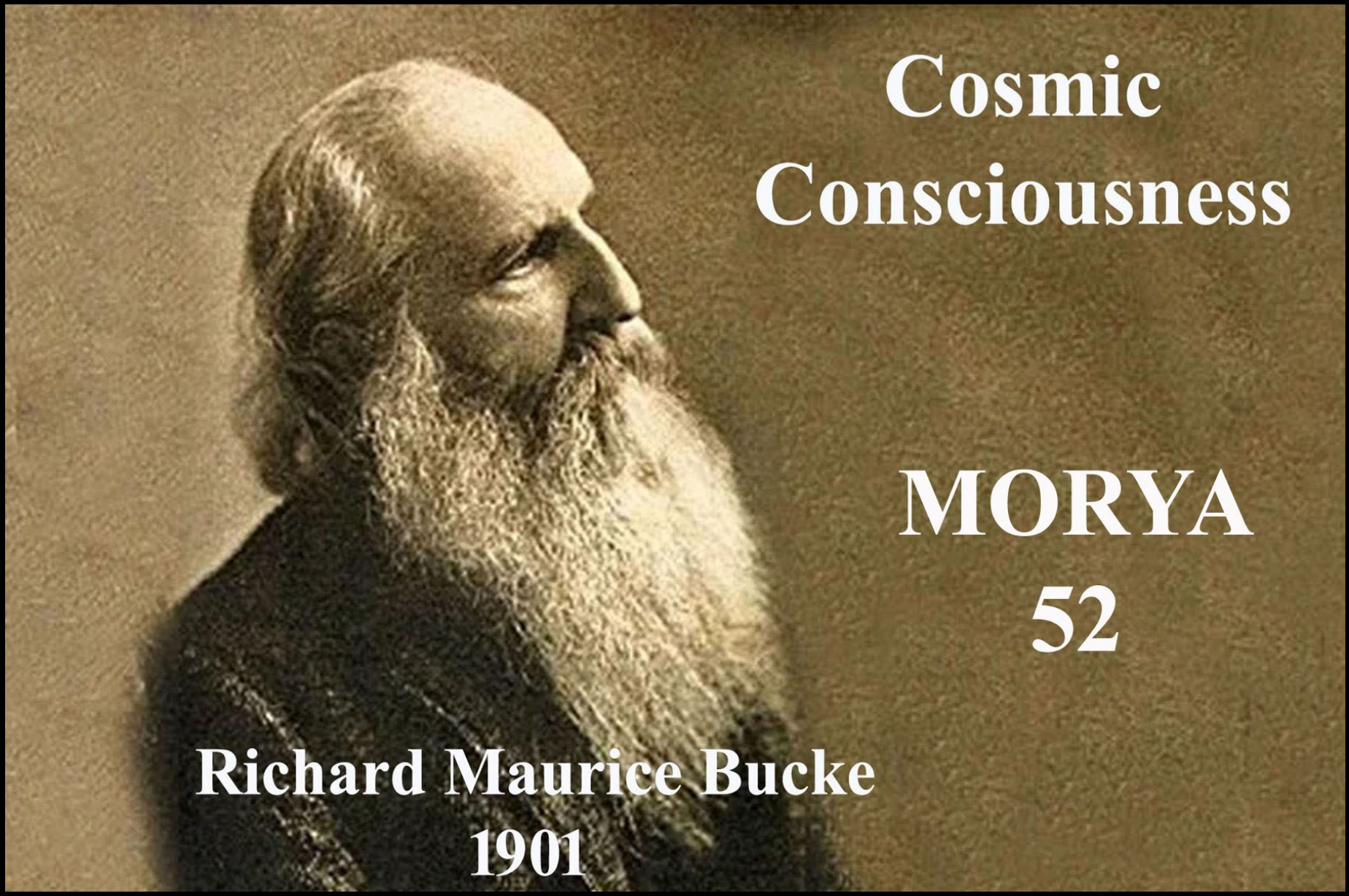

Cosmic
Consciousness
MORYA
52
Richard Maurice Bucke
1901

A NEW COLOR AND SOUND SENSE

How he thought color evolved

1. **Early humans, and even "primitive Aryans" maybe 15–20 thousand years ago, were aware of only one color (or barely distinguished color at all).**
2. **Language is the proof: old Indo-European speech has no real color vocabulary; Homer, the Bible, the Rig Veda, and the Zend-Avesta do not name the blue of the sky.**
3. **Colors then split in a fixed order: first red, then red into red-yellow, then red-white; black split into black-green, then black-blue.**
4. **In the last 2,500 years those few primaries split into the many named shades of color we all now are famiar with.**

So for Bucke, people did not always "see" the palette we see. The sense itself unfolded, and words and history tracked the unfolding.

Tetrachromat

It is a common scientific fact that most woman have an ability to discriminate colored hues a little more finely than most men, and a minority of women actually carry the genetic setup for a fourth color receptor. Actually using that fourth receptor as an extra dimension of color.

Most people have three cone types, sensitive roughly to short, middle, and long wavelengths. Women have two X chromosomes, so the same variant is usually covered by a normal copy on the other X. That is the main reason women, as a group, make fewer errors on hue-sorting tests such as the Farnsworth–Munsell 100-hue test.

Anomalous Color Vision

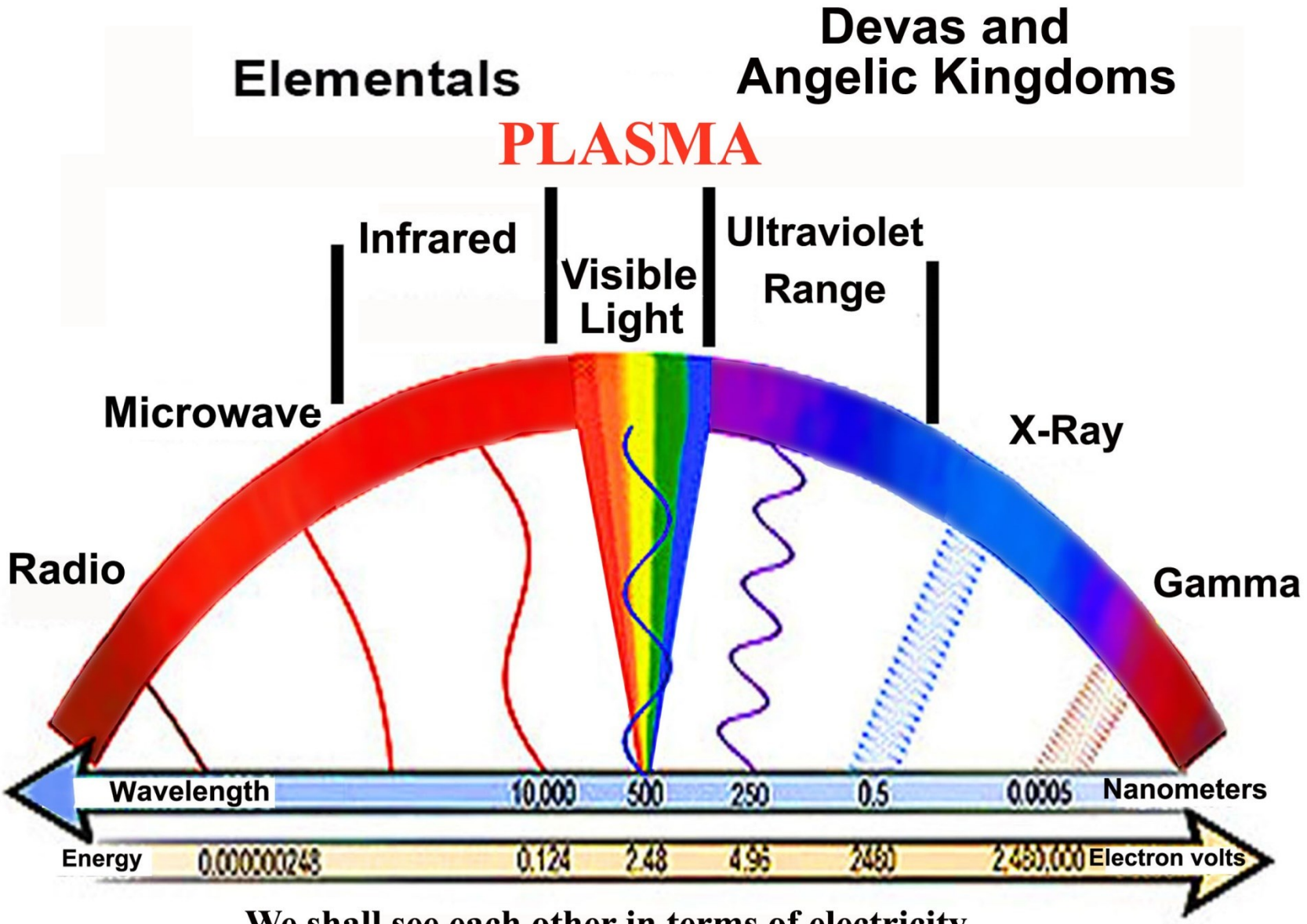
Some women go further. Because each X can carry a slightly different version of those pigment genes, and one X is silenced at random in each cell early in development, a woman can end up with two slightly different long-wave pigments plus the usual middle- and short-wave cones. Carriers of anomalous color vision, roughly 12 to 15 percent of women, are the clearest candidates.

The Brain can rewire itself

Strong tetrachromacy, where four independent stimuli are needed to match a color, has been shown in only a handful of people. In one lab series, 18 women who carried deuteranomaly passed the strict tests. The painter Concetta Antico is the best-known public case. Researchers who have tested her treat her as a functional tetrachromat, and they suspect long practice at painting helped the brain keep the extra signal separate. A fourth cone is not enough by itself. The brain has to wire it as its own channel. (GROK)

Bring within our range of contact the infra-red and ultra-violet colours

- "In speaking about the increased radiance of light seeping in from the etheric and astral planes DK has this to say: "The light from the astral plane (a starry radiance) and the light of the planet itself will be more closely blended, and the result upon humanity and upon the three other kingdoms in nature cannot be over-emphasized... It will bring within the radius of our range of contact the infra-red and ultra-violet gamut of colours..."
  (EP 1, 103-4)



We shall see each other in terms of electricity,
of voltage, and of intensity of power.

Neil Harbisson: I listen to color

TED



{IDEA VISUALIZATION}

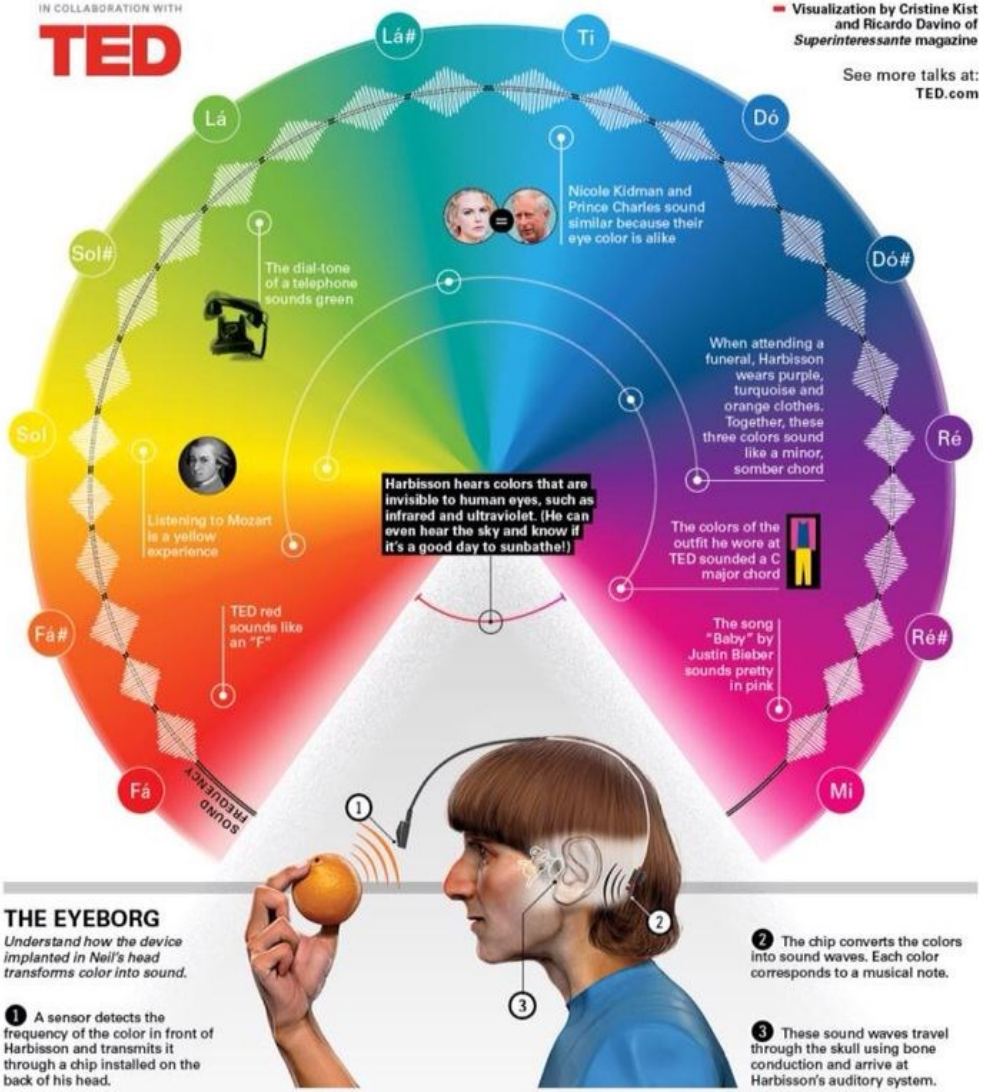
The sound of colors

In his talk at TEDGlobal 2012, colorblind artist Neil Harbisson delighted the audience with his brightly colored outfit, his quirky personality, and his eyeborg — a device implanted in Harbisson's head that lets him hear a rainbow of color. Instead of seeing a world in grayscale, he can listen to the audible frequencies transmitted by the colors in faces, paintings, even the weather. Step inside the mind of Neil's symphony of color.

IN COLLABORATION WITH TED

Visualization by Cristine Kist and Ricardo Davino of *Superinteressante* magazine

See more talks at: TED.com



THE EYEBORG

Understand how the device implanted in Neil's head transforms color into sound.

❶ A sensor detects the frequency of the color in front of Harbisson and transmits it through a chip installed on the back of his head.

❷ The chip converts the colors into sound waves. Each color corresponds to a musical note.

❸ These sound waves travel through the skull using bone conduction and arrive at Harbisson's auditory system.

Illustration by Pedro Henrique Ferreira

The Sound of Color

- A sensor on his forehead detects the frequency of light in front of him and converts it into a sound frequency. That signal goes to a chip at the back of his head; he hears the color through bone conduction. He has worn it continuously since 2004.

Sound Portraits and Feeling Color

How his perceptions changed

At first he had to memorize which note belonged to which color. Over years it became automatic—color stopped being a thought and became a feeling. When he began dreaming in color, he felt the software and his brain had fused. That is when he started calling himself a cyborg: the antenna is not a gadget he wears; he treats it as an organ, an extension of his body.

Everyday life after the implant

An art gallery becomes a concert hall; he can “listen to a Picasso.”

A supermarket is like a nightclub—aisles of packaging create overlapping melodies (cleaning products are especially noisy).

He makes sound portraits of people from the colors of their faces.

Extending the scale past human vision by adding infrared and ultraviolet light

Larger idea

Harbisson's. "Human senses are limited; we do not have to wait for evolution to add new ones. Technology can create them. He presents himself as living proof that a new sense can be built and then internalized until it feels native.

That is the core of the talk: a grayscale life turned into a continuous soundtrack of color, and a claim that cyborg senses are already here.

He later extended the scale past human vision by adding infrared and ultraviolet, so he can hear."


Synesthesia

Synesthesia, Savantism and the New Psychism

"Two happenings of great import will occur before so very long. The door will be opened, for the admittance of rare and peculiar souls who will bring into our world civilization new aspects and rare and new qualities of Deity … These rare and unexpected types will cause much bewilderment to our psychologists." (EP 2 213)

Synesthesia

The overlapping and syntheses of the senses

Synesthesia is a perceptual trait in which stimulation of one sense automatically and involuntarily triggers an experience in another sense (or another aspect of the same sense). The name comes from Greek: *syn* (together) + *aesthesis* (sensation). It is not a disease or disorder.

Classic examples:

Seeing colors when you look at letters or numbers (grapheme-color synesthesia — the most studied type)

Seeing colors or shapes when you hear music

Tasting flavors when you hear words

Feeling a touch when you see someone else being touched (mirror-touch)

The extra sensation is consistent for that person over a lifetime. If the letter *A* is red for you at age 8, it is still red decades later. About 2–5% of people have some form of it; many have more than one type.

Grapheme Synesthesia

In one common form of synesthesia, known as grapheme color synesthesia, letters or numbers are perceived as inherently colored. In spatial-sequence, or number form synesthesia, numbers, months of the year, and/or days of the week elicit precise locations in space (for example, 1980 may be "farther away" than 1990), or may appear as a three-dimensional map (clockwise or counterclockwise) Wikipedia

A B C D E F G H I J K L M N O P
Q R S T U V W X Y Z

1 2 3 4 5 6 7 8 9 0

Monday Tuesday Wednesday
Thursday Friday Saturday Sunday

January February March April May
June July August September October
November December

Is Synesthesia out of the ordinary, or a future characteristic of evolutionary development?

Some synesthetes often report that they were unaware their experiences were unusual until they realized other people did not have them, while others report feeling as if they had been keeping a secret their entire lives. The automatic and ineffable nature of a synesthetic experience means that the pairing may not seem out of the ordinary. This involuntary and consistent nature helps define synesthesia as a real experience. Most of those with this condition report that their experiences are pleasant or neutral, although, in rare cases, they report that their experiences can lead to a degree of sensory overload. (Wikipedia)

Cosmic Fire and the extension of the senses

In *A Treatise on Cosmic Fire*, DK treats the five senses as a ladder of perception. Each physical sense has a corresponding faculty on the astral, mental, buddhic, and atmic planes. The senses exist to reveal the *not-self* so the Thinker can distinguish the real from the unreal and locate itself in relation to other lives.

He gives this five-step correspondence for each sense:

Hearing — physical hearing → clairaudience → higher clairaudience → comprehension of four sounds → beatitude

Touch / feeling — physical touch → psychometry → planetary psychometry → healing → active service

Sight — physical sight → clairvoyance → higher clairvoyance → divine vision → realisation

Taste — physical taste → imagination → discrimination → intuition → perfection

Smell — physical smell → emotional idealism → spiritual discernment → idealism → all knowledge. (TCF 190)

Synesthesia and the Hidden Senses

“Though often stereotyped in the popular media as a medical condition or neurological aberration, many synesthetes themselves do not perceive their synesthetic experiences as a handicap. To the contrary, some report it as a gift—an additional "hidden" sense—something they would not want to miss. Most synesthetes become aware of their distinctive mode of perception in their childhood. Some have learned how to apply their ability in daily life and work. Synesthetes have used their abilities in memorization of names and telephone numbers, mental arithmetic, and more complex creative activities like producing visual art, music, and theater.” (Wikipedia)

Extension of the Etheric Body

We all live in a virtual sea of energy and force on multiple levels, and we all know telepathy is one of the new modes of Aquarian communication that humanity will slowly be developing.

The etheric body molds the senses and is the root cause of there existence and activity. Therefore, if the senses can overlap in the individual, and the individual with other individuals auric field, it is because their etheric bodies are in the same inner geographical landscape or space as others.

The Soul Synthesizing all the lower vehicles

In the new and higher psychism DK speaks of the senses might not only be expanded to new levels of sensitivity, but overrun their normal boundaries and become interspersed with other senses that are normally isolated and distinct from each other. The soul is a homogeneous unit of synthesizing light, sound, and color, and could easily unify many of the lower common characteristics men except as distinctly separate or individual expressions.

The Constitution of Man

This idea of individuals possessing an etheric body as we have previously mentioned give credence to the idea on a more expanded scale that there is an etheric body of humanity, as well as the planet and the entire solar system , in whom we are all mere cells.

Only when the constitution of man and his different spiritual vehicles and bodies are acknowledge by mainstream science can many of these apparent abnormalities, or special abilities be understood and developed safely along their proper lines.

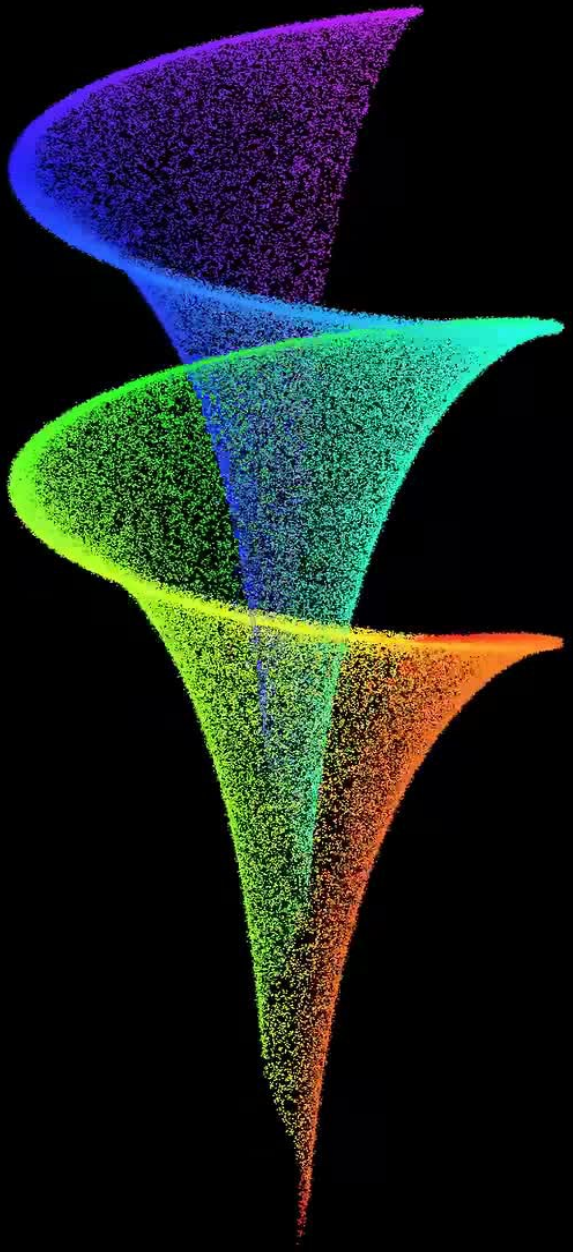
I CALL THIS TO YOUR ATTENTION

"People are apt to forget that with each forward advance of humanity, the demands upon the Hierarchy change, new needs must be met, new techniques used, new and experimental methods must be employed. As I write for disciples and initiates, I call this to their attention."
(R&I V 246)

The assent and decent of the 7 colored Rays and Planes

The 7 spiritual rays ascend and descend through the seven planes via rotary and cyclic-spiral motion.

Although having their own unique contributions to make, these 7 rays do not exist independently or separately like 7 spiritual lives lined up like dinner plates stacked neatly in the cupboard. The seven rays are organic, and their influences often overlap, interpenetrate, and blend during certain cycles. Every living entity that presides on the inner planes is spherical in nature, having both a vortical inlet at its northernmost point and a vortical exit at its southernmost point. The animation we will next see demonstrates the dual rotary motion of ascending and descending energies that make up one living entity and cannot be fully grasped until some aspect of intuition is invoked.



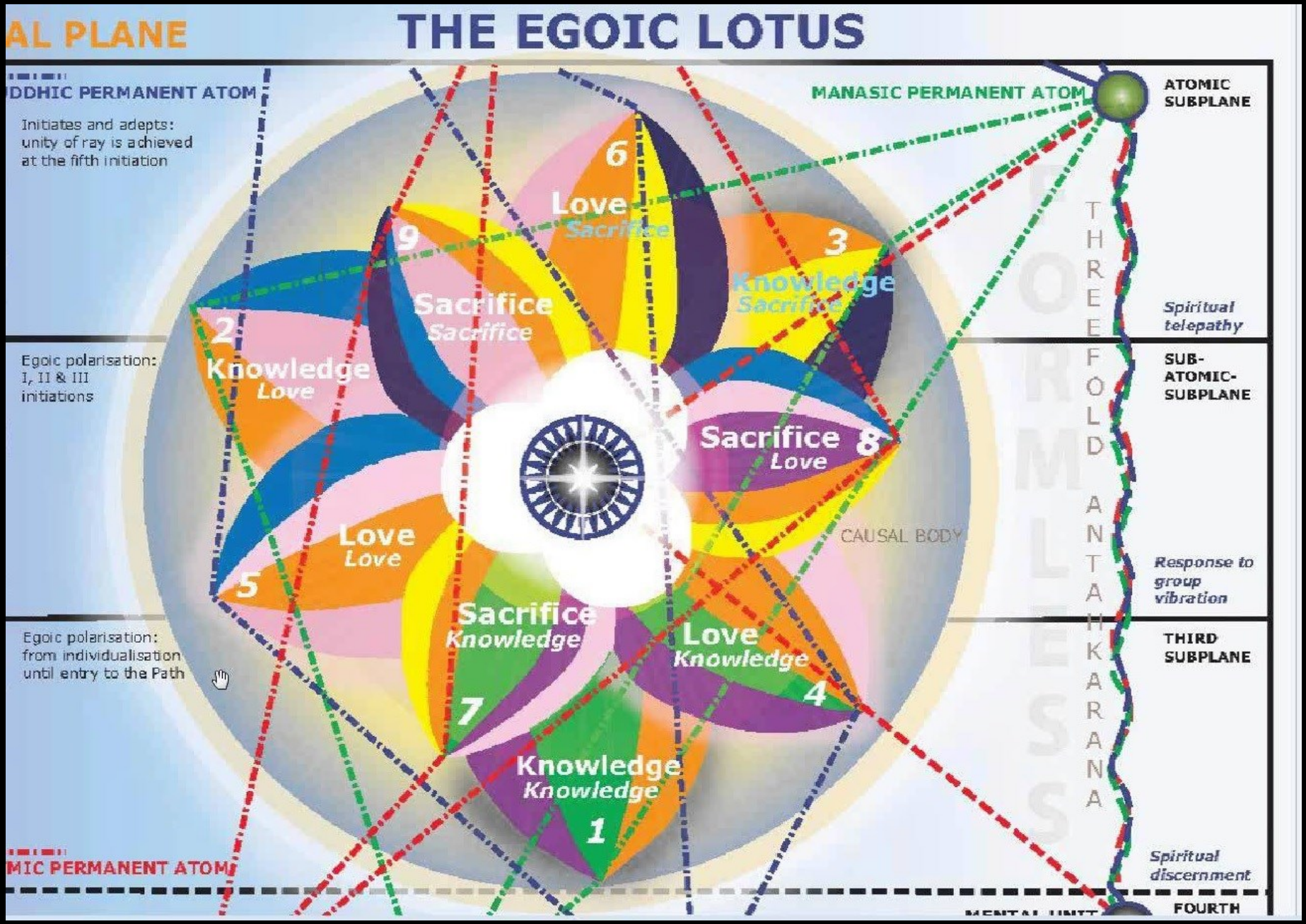
Dual wheels turn upon themselves and create an open door through cyclic-spiral motion?

"The etheric centres become active in a fourth dimensional sense (or become wheels turning upon themselves) when the aspirant has complied with certain details.

He must work upon the unfoldment of the fifth and sixth petals, or the final two in the second circle and must endeavour to bring about two things in connection with his threefold lower nature:

a. He must align his three bodies so that there is a direct channel of contact formed between the Ego and the physical brain.

b. He must strive to bring about a stabilisation of both the astral body and the mind…" (TCF 863-4)


AL PLANE
THE EGOIC LOTUS
DDHIC PERMANENT ATOM
Initiates and adepts: unity of ray is achieved at the fifth initiation
MANASIC PERMANENT ATOM
ATOMIC SUBPLANE
Spiritual telepathy
Egoic polarisation: I, II & III initiations
SUB-ATOMIC-SUBPLANE
Response to group vibration
Egoic polarisation: from individualisation until entry to the Path
THIRD SUBPLANE
Spiritual discernment
FOURTH
MIC PERMANENT ATOM
THREEFOLD ANTAHKARANA
CAUSAL BODY
6 Love Sacrifice
9 Sacrifice Sacrifice
3 Knowledge Sacrifice
2 Knowledge Love
Sacrifice 8 Love
Love Love 5
Sacrifice Knowledge 7
Love Knowledge 4
Knowledge Knowledge 1

The Dual revolutions of the Planes and Rays

"When "this blended dual force is brought in touch with the rotary activity of matter itself," the result is the triple activity of the Ego: rotary-spiral-cyclic. The Centres and Initiation," the consummated centre is defined by two rotary motions, periphery and inner wheels:

"Then they become living wheels of flame, distinguished by a dual motion of the periphery and the inner revolving wheels, and by a fourth-dimensional effect, due primarily to the alignment of the inner subtler vortices with the comparatively exoteric etheric centres. This alignment is brought about eventually at initiation.

At the time that initiation is taken, the centres are all active and the lower four (which correspond to the Personality) are beginning the process of translating the fire into the three higher. The dual revolution in the lower centres is clearly to be seen and the three higher are commencing to be similarly active.

Revolving wheels which turn upon themselves, and find the open door to perfect bliss." Cosmic Path 1 path to Sirius.

(TCF, about pp. 1032–1034).

Wheels that turns upon itself

"At the end of experience each triangle is a radiant path of fire, and each centre a wheel of living fiery force rotating at terrific speed; the centre at this stage not only rotates in a specific direction, but literally turns upon itself, forming a living flaming iridescent globe of pure fire, and holding within it a certain geometrical shape, yet withal vibrating so rapidly that the eye can scarcely follow it."

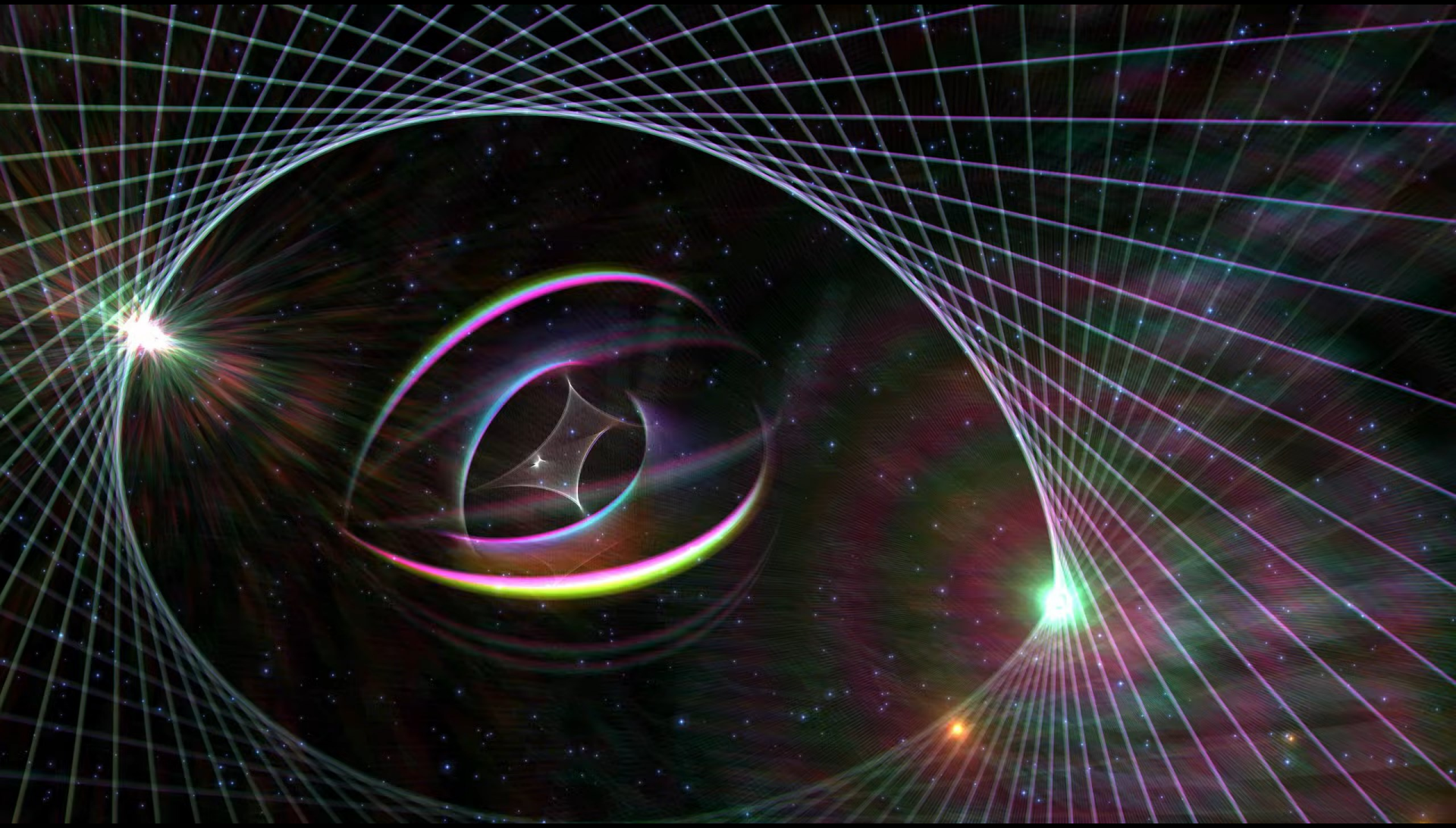
(TCF 171 in the section on the centers.)

New teaching venues

AI will transform our lives in many unique and creative ways. A few visionaries are seeing the potential for using AI to create new and more luminous art forms, teaching venues, and public videos, which could also be used to give the Ageless Wisdom Teachings and the work of the Masters new access to a larger and more mainstream groups of people.

The light of reason must be dimmed by the radiant sun of wisdom

"This suffices on this matter and at this juncture I have naught further to communicate. The subject is abstruse and difficult, and only by patient brooding will the darkness lighten. Only when the ray of the intuition strikes athwart the pall of darkness (which pall is the ignorance that hides all knowledge) will the forms that veil the subjective life be irradiated and known. Only when the light of reason is dimmed by the radiant sun of wisdom will all things be seen in their just proportions, and will the forms assume their exact colours, and their numerical vibration be known." (LOM 253)



The New Art

"To bring about the birth of the Christ-consciousness among the masses of intelligently aspiring human beings.

To intensify human creativity and thus bring in the new art as a basis for the new culture and as a conditioning factor in the new civilisation."

R&I 574-5

The Art of Ideas will be the Glory of the Aquarian Age.

"The development of the new art. This will be expressive of a sensitive response to ideas. The art of the past expressed largely man's understanding of the beauty of God's created world, whether it was the phenomenal wonder of nature or the beauty of the human form. The art of today is as yet almost a childish attempt to express the world of feeling and of inner moods and those emotionally psychological reactions which govern the bulk of the race. They are, however, to the world of feeling-expression what the drawings of the cave man are to the art of Leonardo da Vinci. It is in the realm of words today that this new art is most adequately expressing itself. The art of music will be the next approach nearer to the truth, and to the revelation of the emerging beauty; the art of the painter and of the sculptor will follow later. None of this is the art of expressing ideas creatively, which will be the glory of the Aquarian Age."

(EP 2 708-9)

https://www.youtube.com/watch?v=-5u1eF3JVik

Full 60 minute animation link.