

BRAINWORKS

THE EMERGENCE OF CONSCIOUSNESS IN BRAIN, BODY AND COSMOS

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The field of consciousness studies is filled with useless weeds that are preventing sturdy stock and proper theories from emerging and growing. The problem is twofold: An inability to properly define consciousness in a manner that succumbs to scientific theoretical research and an inability to develop a theoretical physics model of how the brain gives rise to the emergence of conscious awareness. These problems go beyond the normal problems inherent in physics, such as those between reductionism and generalization, but are related after their own manner to this and other dualisms in nature. By taking a wholly new approach founded upon the single field unification of physics, which has already been used to define and model life (the biofield), mind and consciousness within the context of a truly unified field theory, a model of how the brain works from sensation input to memory storage and recall, to building and storing complex memories, all the way through and up to the formation of self-concepts and worldviews, as well as the whole-brain resonance necessary for simple cognition, and beyond to whole-body coherence representing the manifestation of higher consciousness. Within this context, wholly new areas of physics are opened to science, including what ends life, death and what happens thereafter, the afterlife.

Basic SOFT

- * Kaluza 5-D theory with a fully extended single-polar spherical structure
- * The 4-D matter/energy space-time is embedded in the 5-D physical time-space
- * Quantum & relativity theories are not mutually incompatible, they are fully compatible when understood properly and treated as equals in all ways
- * We have continuity in 3-D space & time, but discrete points in 4th-D
- * 5-D time-space can only be accessed through 3-D points
- * Two primary fields fill 5-D time-space and they reduce or manifest as the EM-Field, GG-field, matter and energy (curvature of continuum) in 4-D space-time
- * The primary fields are the single potential field (SOFT) and the collective of all discrete points that becomes virtual pre-consciousness potential field
- * Entropy is not the 'arrow of time,' but evolution is the 'arrow' of time as all physical evolution pushed by the virtual pre-consciousness potential field

4th-D density tensor $\Rightarrow T_{ik}^{ij} = E_{5-D} + G_{5-D}$ 5-D time-space



in 4-D space

\vec{A} -vector potential = extension of macrostring

discrete point at intersection of our 3-D surface and macrostring = gravnetism (point)

becomes our experience of 4-D space-time



in 3-D space



Kaluza's cut-transformation & four-transformation

in 3-D space

$F_{ik} + \hat{F}_{ik}$ & Einstein's equation + point expression

unification = electromagnetism + general relativity + quantum theory

Progress in Physics and science has come to a halt because of two primary biases

1. Since 1927, Quantum and Relativity have been considered mutually incompatible, but that is a lie
2. We have a species-wide 3-D bias stemming from our evolutionary need for survival even though Homo sapiens first evolved to go beyond that into 4-D space – We are now ready to do that and evolve beyond our 3-D material existence to fully understand and experience our 5-D time-space

SOFT Models of Life, Mind, Consciousness

Life or the Biofield is the **me**-Field (matter/energy)

A 4-D space-time curvature Complexity Pattern

Mind is the corresponding **E**-Field for the whole body a

Complexity Pattern of electrical actions in the body

Consciousness is the corresponding **B**-field and **A**-Field

Complexity Patterns –The scalar **B**-fields are 2-D but additive (2x2x2) yielding the semblance of a 3-D field, but the origin point of their axes is the origin of the vector **A**-field extension into the 4th-D of space

Functional Centers

Life, Mind and Consciousness are **whole-body** characteristics but have **functional centers** where their functioning is controlled

Gut – me-field – Lots of neurons and a very strong mag field signature – digestion is matter to energy change

Brain – E-field - Strong magnetic field but it has the most complex magnetic field due to neural net structure

Heart – B/A-field - Most number and density of neurons but no NNs, yet it has body's strongest magnetic field

***Everything* in the universe is no more nor less than *'single field potential density variation patterns'* that occur along the extra-spatial dimension of 5-D time-space. Even our 3-D surface is internally continuous and has constant spatial density relative to the single field, but instead curves 4-D-ally to conform to the varying single field potential variation patterns that we sense as solid material objects in our 3-D space.**

Memory Patterns

Number of memories that can be stored in the 5-D time-space continuum

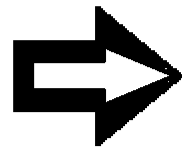
Zero point
●
point-element

aleph-0

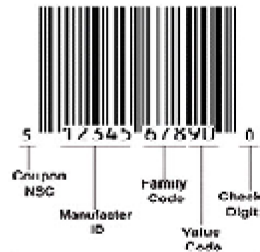
Number of no-things
stored at a point in
space to give a
nothing of zero value

Since Consciousness

is the collective nature of all
discrete points in a body, higher
Consciousness expresses itself
through all points in a body



Zero-point energy,
subtle energy, Chi, Ki,
Prana, DE, and etc.



aleph-1

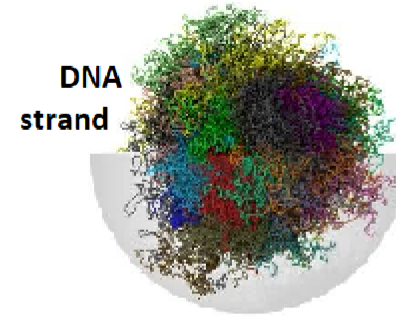
Barcode

Number of separate
point-extensions
along a line



aleph-2

Number of separate
point-area patterns
that fill a 2-D area



aleph-3

entanglement of
human genome
in cubic nanometer
which is a straight line
in the 4th direction
of space

Brain/Body, me-field
E-field Mind
B-field lower
Consciousness

Fourspace Hologram

varying potential
density pattern in
the 4th-D A-field of
5-D time-space

aleph-4

number of 3-D
memory patterns
stored in n=1
4-D sheet
equivalent of
brain/body

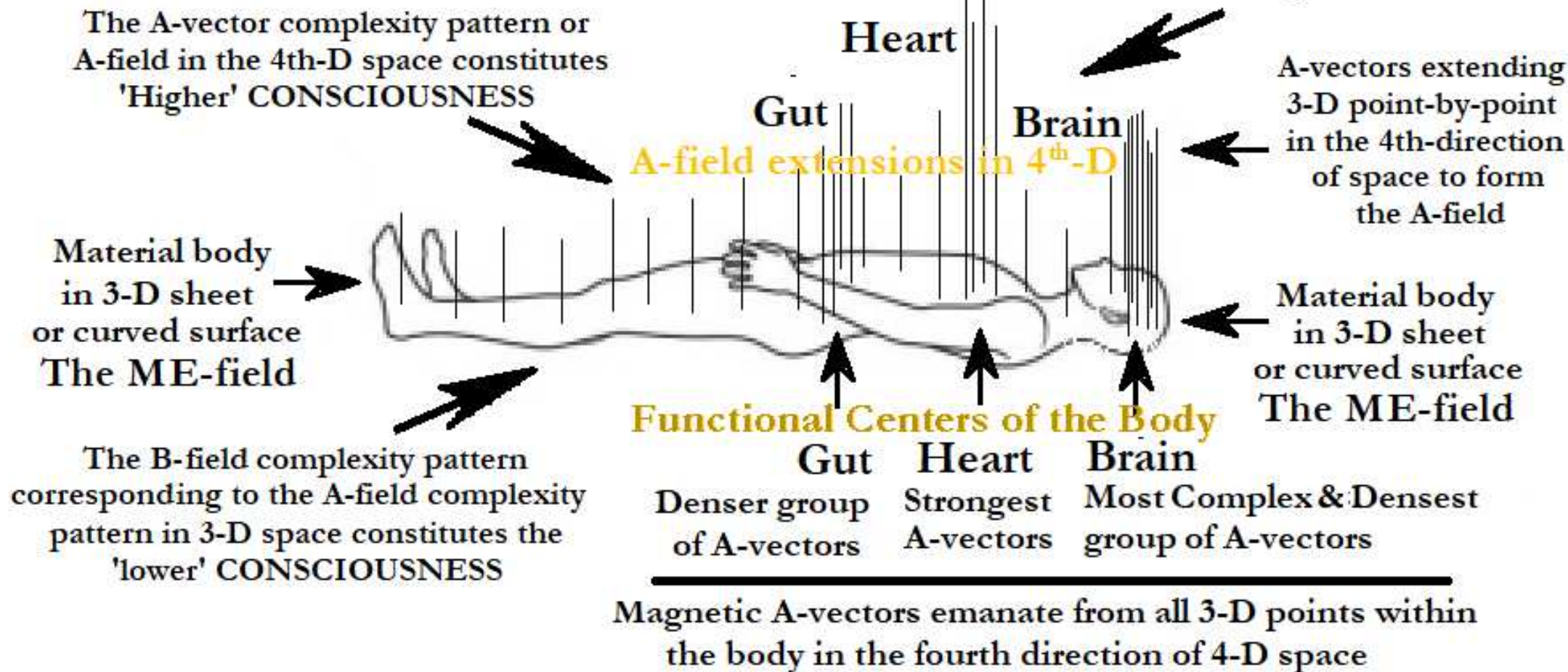
A-field Higher
Consciousness
True-self/Spirit Body
Buddha nature

Everything in 3-D is point-by-point 4-D extended as single potential field density variations

- A DNA strand or genome is a 2-D barcode, entangled in a 3-D knot with magnetic vector A-field potential points extended into the 4-D to create or duplicate building instructions for a 3-D material lifeform
- A memory or thought is a 3-D QR code with magnetic vector A-field potential points extended as single field density variations into the 4-D where they are stored as part of mind as higher consciousness

Higher consciousness is the body's antenna in 4-D space

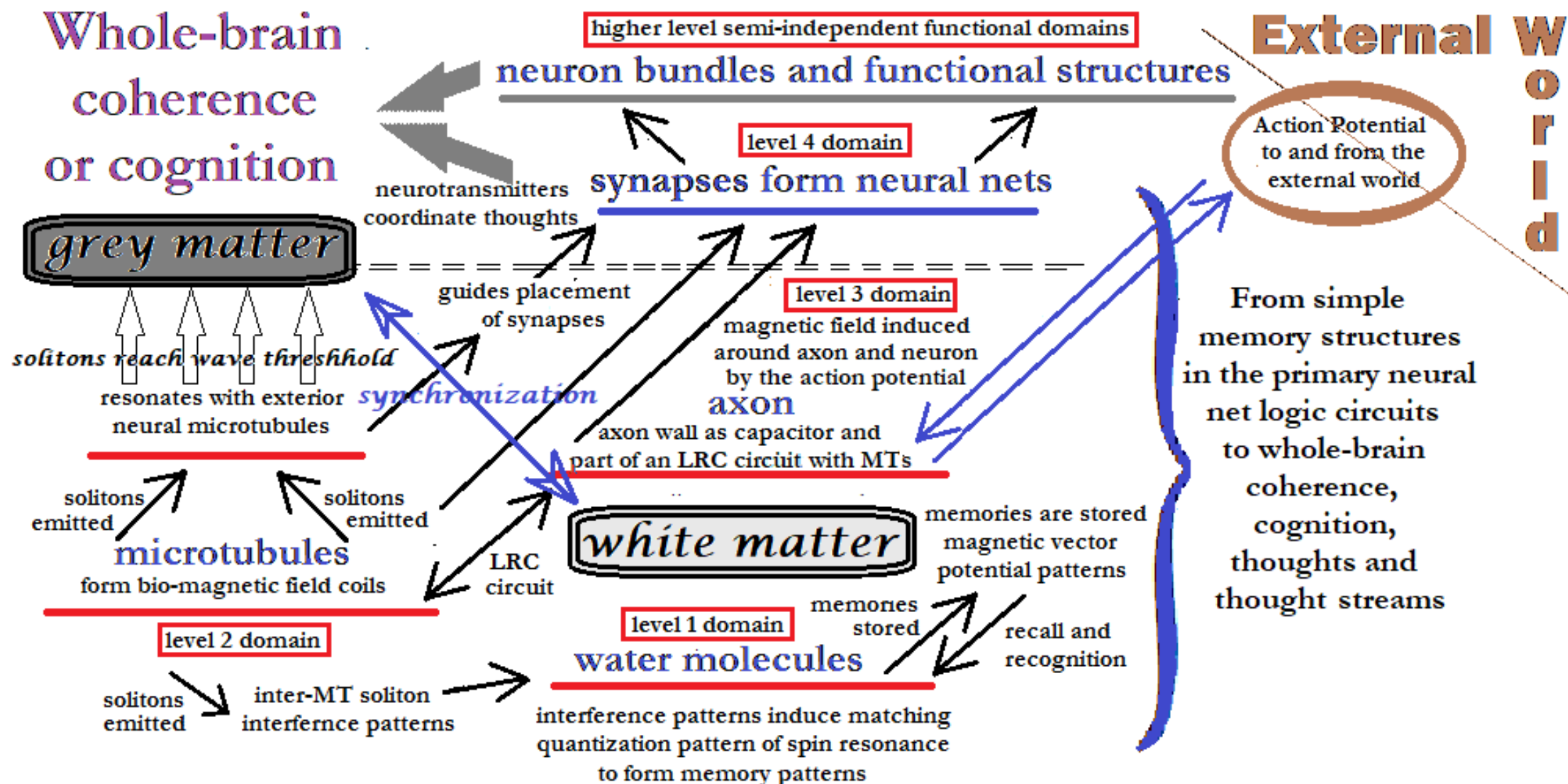
Psi is the mechanism of 'pattern matching' between non-local objects, events or entities with the Higher CONSCIOUSNESS in the 4th-D of space

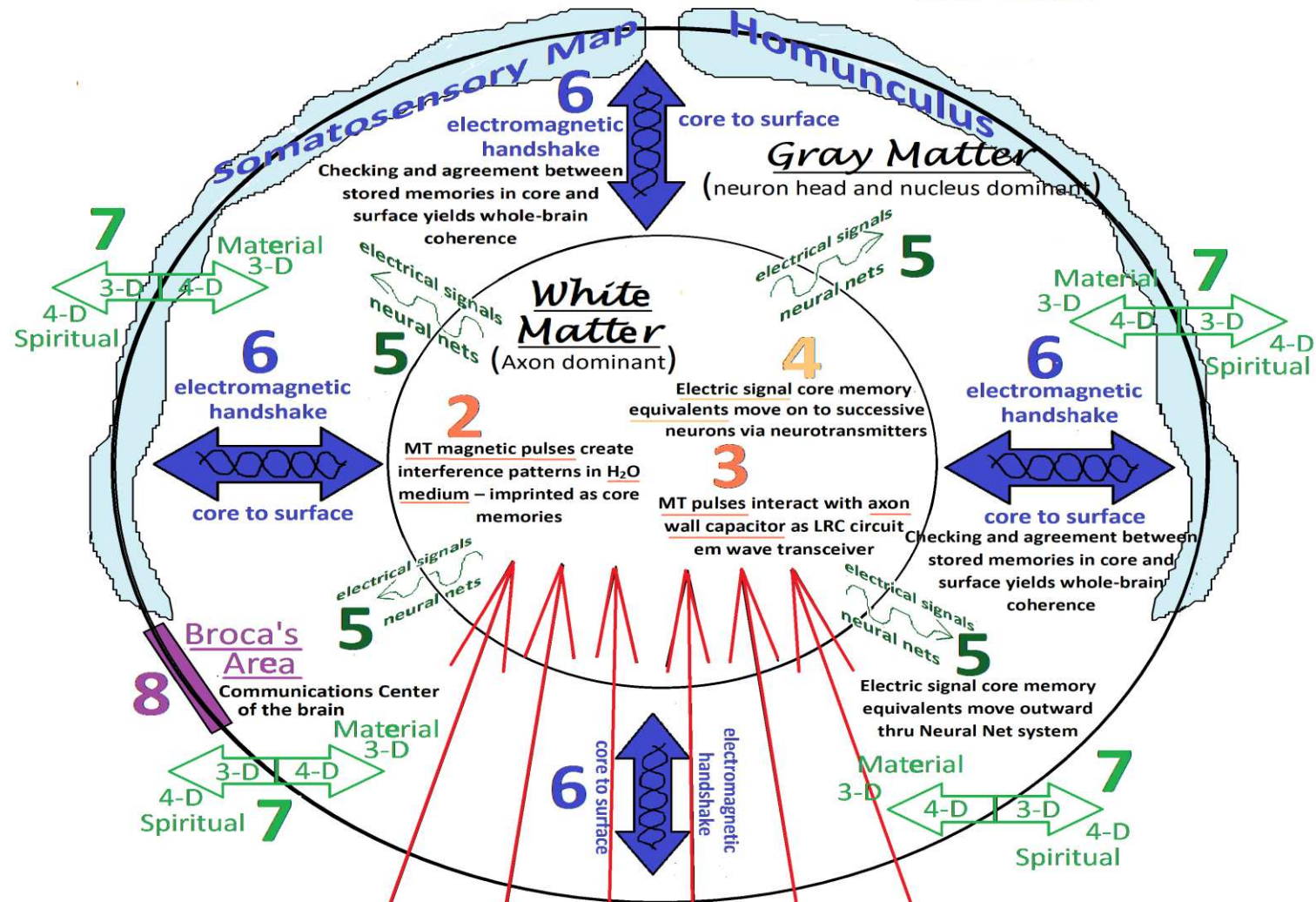


Eight steps from sensations of external 3-D world to whole-brain coherence

1. Sensations travel up axon as electric action potential
2. Advancing E-field inside axon fires MTs which emit magnetic solitons whose interference pattern in water imprints A-field continuum as memory
3. Other pulses interact with axon wall (capacitor) to create light waves
4. Action potential continues up to synapses and transmits action potential by neurotransmitters which sort, amplify, combine to increase complexity
5. As they complexify the electrical potential continues up the NN toward grey area where it is now stored as complex memory
6. Outer membrane emits EM waves that interact with EM waves from white area to create whole-brain coherence – cognition or thoughts
7. Some data from whole-body consciousness is gathered and if intense enough at outer membrane interacts with body antenna to create psi
8. Interaction with higher world and sensations must be well coordinated

Whole-brain coherence or cognition

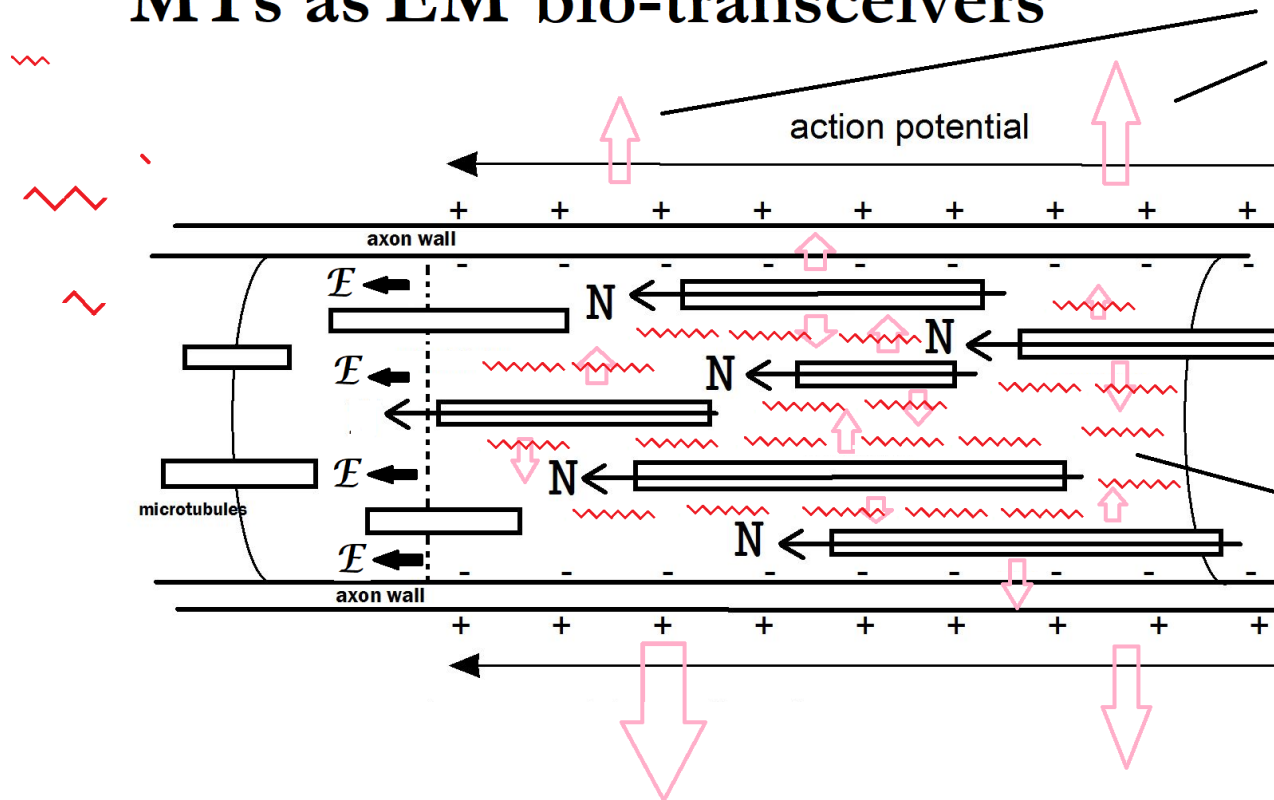




1
 Input via five senses from the 3-D material world of our experiences where simple core memories are stored as A-field vector patterns in the corresponding 4th-D of space

MTs are essential and important to this process

MTs as EM bio-transceivers



External traveling solitons establish external magnetic fields that guide neural plasticity

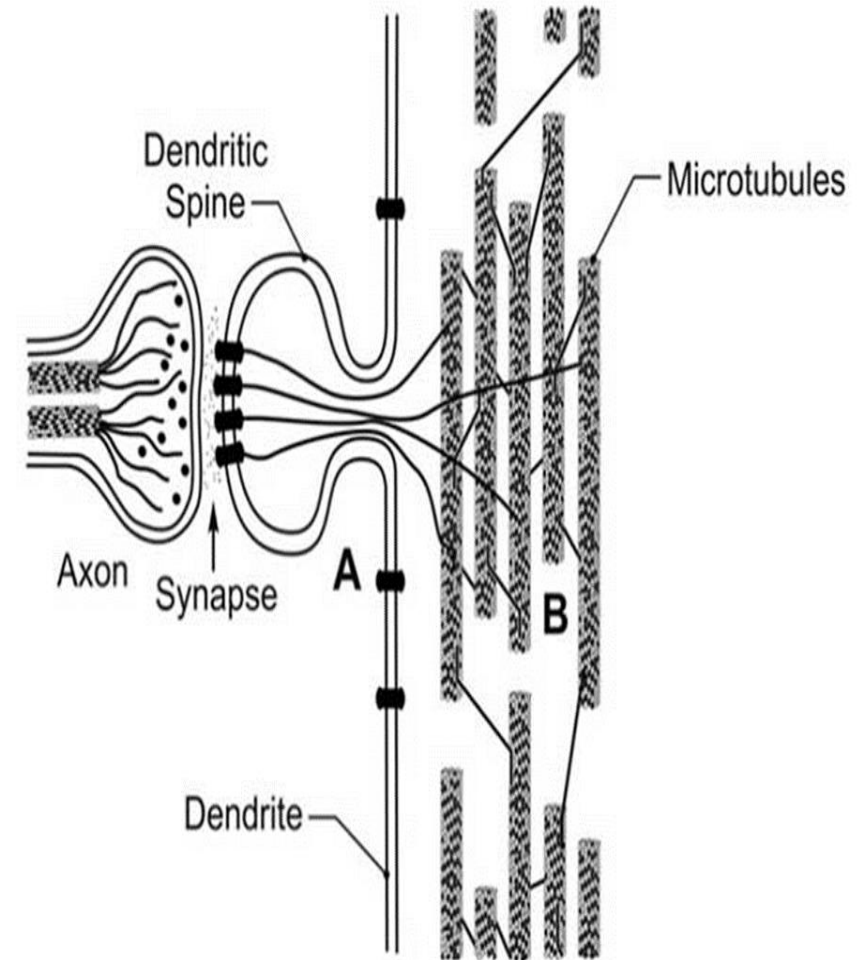
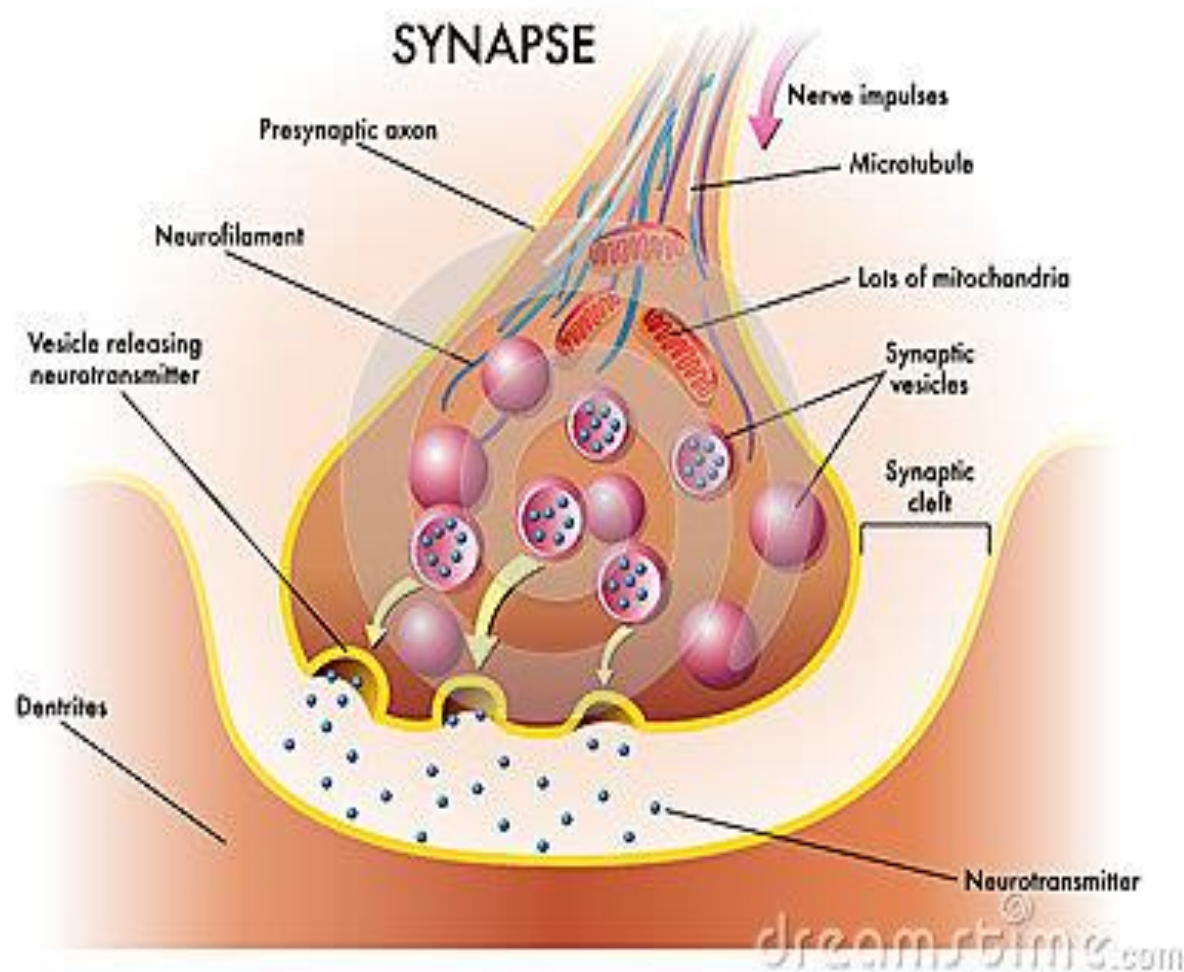
Internally, the interference patterns of solitons create water molecule quantum polarization patterns that imprint in the points of space as 4-D (A-field) memories

The advancing action potential/E-field induces the MTs to 'charge' in a sequential manner rendering them bio-magnetic induction coils (transceivers) which emit solitons/magnetic pulses or specialized bio-photons, which interfere with each other in the water medium inside the axons and then travel out of the axons to resonate with like-sized MTs in other Axons

Magnetism is the strongest field

1. Changing E-field creates magnetism and vice-versa, but
2. E-field can be cancelled to zero while magnetic field is always additive and thus structural
3. Magnetic field directs the motion of E-field matter, *i.e.*, Aurora Borealis and LHC
4. Scalar B-field is 2-D (2x2x2) 3-D and conjunction gives vector A-field at axis point as 4-D extended

Neurotransmitters in NNs are also essential and important to this process



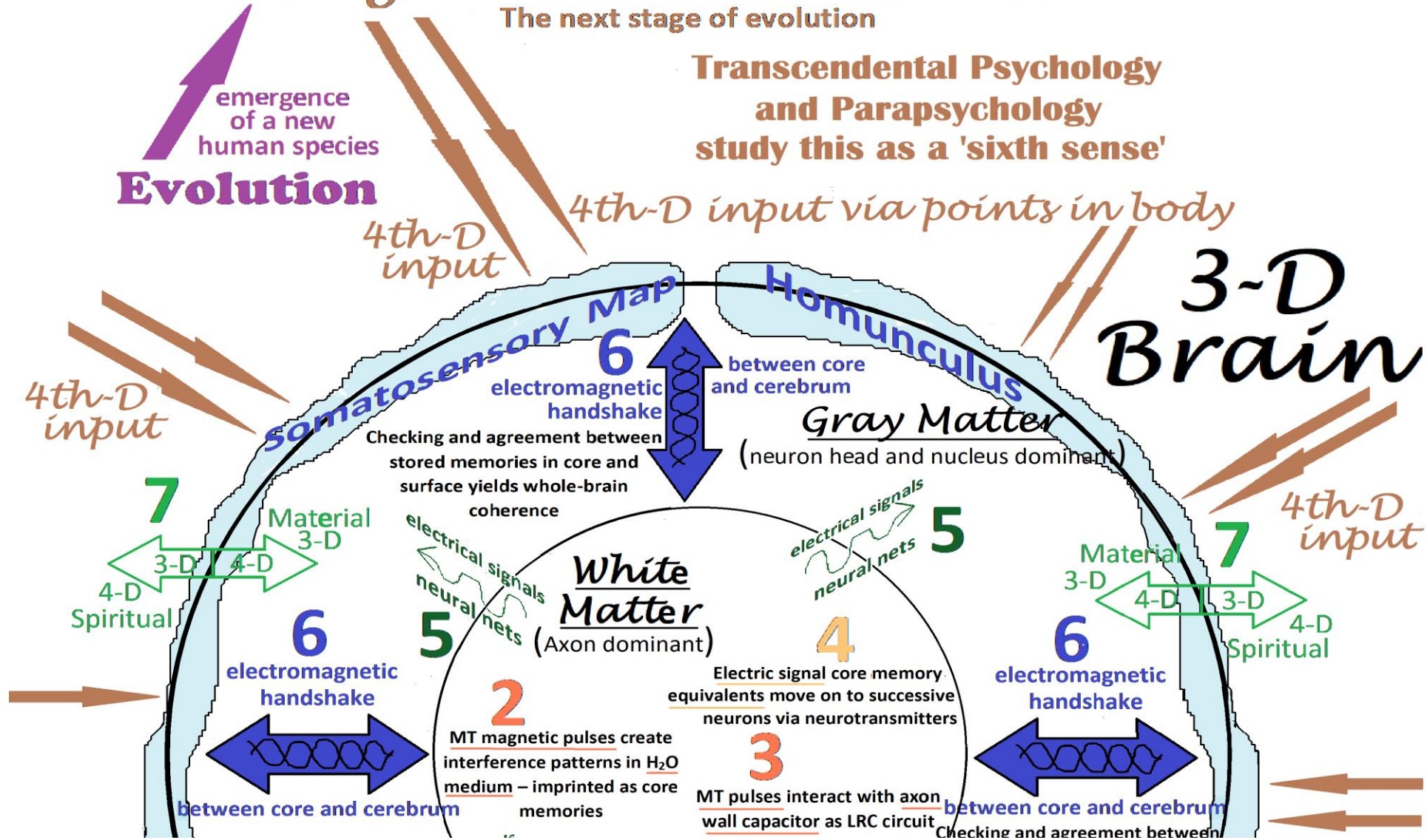
Magnetism controls the plasticity of the neural net

Higher Consciousness

The next stage of evolution

Transcendental Psychology
and Parapsychology
study this as a 'sixth sense'

emergence
of a new
human species
Evolution



The Heart/Brain Connection

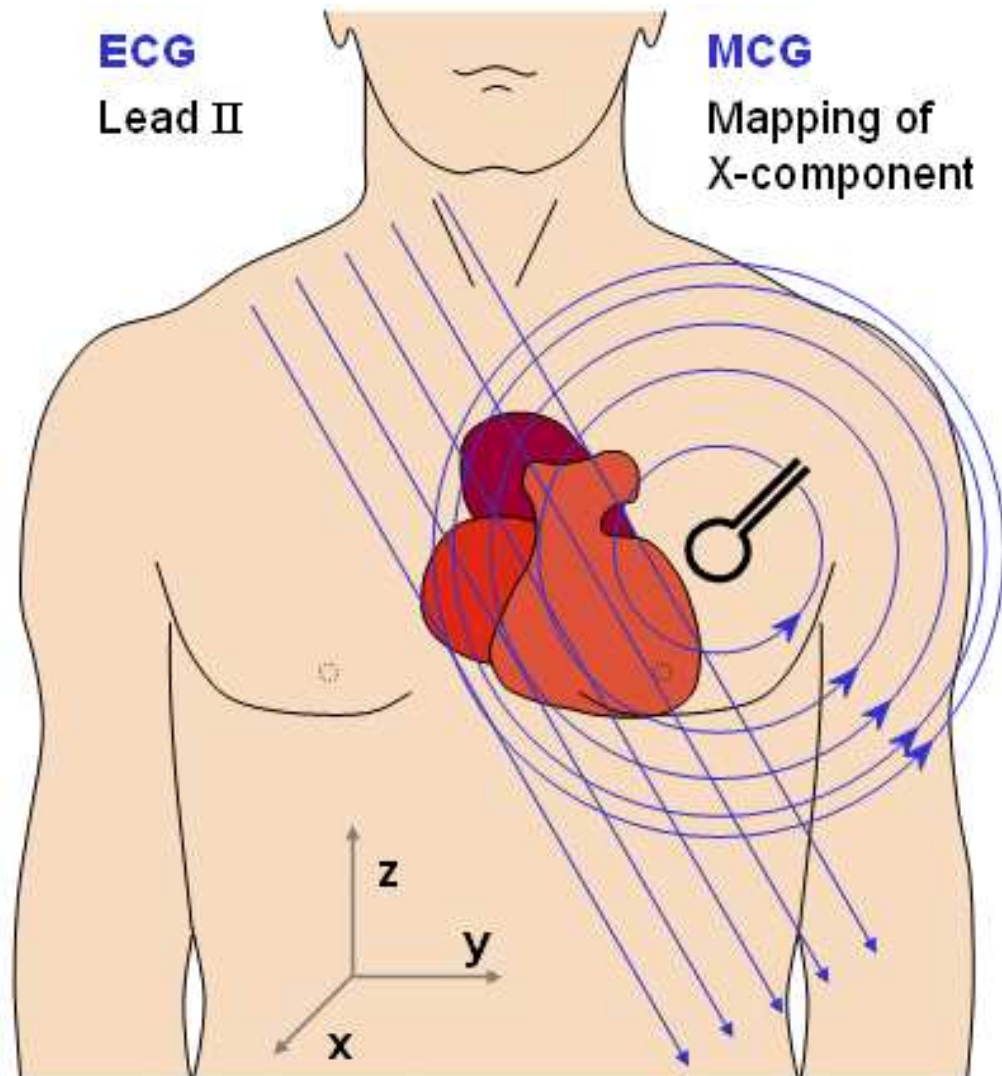
... expressions and metaphors about the heart reflect centuries of folk wisdom, it seems that the ideas we acquaint in our collective unconscious with the heart as a center of thought, feeling, and personality are closer to recent discoveries in neurocardiology than scientists have previously assumed.

Not Just a Pump: The heart contains an intrinsic nervous system that exhibits both short and long-term memory functions. The intrinsic nervous system of the heart consists of approximately 40,000 neurons called sensory neurites which relay information to the brain. It is possible that these neurons play a pivotal part in memory transfer.

Conclusion: Research in the relatively new discipline of neurocardiology has confirmed that the heart acts as a sophisticated information encoding and processing center that enables it to learn, remember, and make functional decisions independently of the cerebral cortex. Additionally, numerous studies have demonstrated that cardiac signals to the brain affect autonomic regulatory centers and higher brain centers involved in cognition and mood regulation.

Thomas R. Verny M.D. "The Significance of the Heart-Brain Connection: Inside the secrets of the heart."
Explorations of the Mind. Chapter 2. In *Psychology Today*.

Magnetic-Field-of-Heart



Far more than a simple pump, as was once believed, the heart is now recognized by scientists as a highly complex system with its own functional “brain.”

Research in the new discipline of neurocardiology shows that the heart is a sensory organ and a sophisticated center for receiving and processing information. The nervous system within the heart (or “heart brain”) enables it to learn, remember, and make functional decisions independent of the brain’s cerebral cortex. Moreover, numerous experiments have demonstrated that the signals the heart continuously sends to the brain influence the function of higher brain centers involved in perception, cognition, and emotional processing.