

spiritual genome notes

notes on the book *The Spiritual Genome*

by Bradley Bartholomew, Timeline Publishing no date given in book

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Grazyna Fosaar and Frantz Bludorf, Pjotr (Peter, Petar) P. Garjajev, Vladimir Poponin, Fritz-Albert Popp, Matti Pitkanen, Rupert Sheldrake,

Hindu inner self, global neuronal workspace, DNA, memristors, optogenetics, quantum computer, Phantom DNA Effect, 'junk' DNA, biophotons, solitonic holographic computer, Topological Geometroynamics (TGD), darkmatter, wormholes, non-locality, memory

It became very clear to the author that Freud's unconscious mind and the Hindu inner self were the same. He became convinced that the inner self must be the embryo brain region: midbrain, thalamus, hypothalamus, and brain stem.

He claims that currently the most widely accepted theory of consciousness in the brain is the '[global neuronal workspace](#)', in which the thalamus plays the pivotal role.

(Note: [Global Workspace Model](#): see

[human\\_energy\\_field\christof\consciousness redux keep it in mind notes.doc](#))

At this point the author claims he had sufficient neuroscience data to back up his claim that consciousness is generated from the embryo brain region.

[Note: Consciousness is no longer theorized to necessarily reside in the brain, and there is currently no consensus on any theory of consciousness.](#)

In 2004 the author became acquainted with the work of Grazyna Fosaar and Frantz Bludorf, *Vernetzte Intelligenz* (Networked Intelligence) The instant the author heard about the theory, he knew it was the answer. He translated the book from German.

In chapter 3 he claims to demonstrate that there are millions of [memristors](#) in DNA which enable the processing and storing of data.

In chapter 4 he claims to demonstrate the quantum computing process in the DNA, which results in an output of biophotons to the body.

Chapter 5 describes the new science of [optogenetics](#), in which these biophotons are capable of triggering and inhibiting action potentials in the neurons of the brain.

[However, this term is normally applied not to organic generation of biophotons within the body, but to the invasive technological process of introducing light sensitive cells, and an external light source, to internal biological structures](#)

The author says networked intelligence in DNA is just another way of saying the DNA acts as a universal quantum computer. The DNA in all creatures is networked in terms of standard quantum computing theory. The DNA of all creatures is entangled. It's as simple as that.

## Chapter 1 Networked Intelligence and Morphogenic Resonance

According to Fosar and Bludorf, a networked intelligence in the DNA sets up the consciousness of all living things, including plants. This networked intelligence is a hypercommunication of information in DNA.

It is completely unconscious to us and can be linked to collective unconscious as postulated by Carl Jung. (Linked by whom?)

At the level of DNA, all life is unity.

Fosar and Bludorf's theory relies on the validity of The Phantom DNA Effect, claimed to have been demonstrated by the Russian molecular biologist Pjotr (Peter) P. Garjajev, and the Russian quantum physicist Vladimir Poponin.

(See PSN items on [The Phantom DNA Effect](#))

Although most contemporary geneticists study the "genetic code" chemically, the Russians Garjajev and Poponin examined it from the perspective of linguistics, and found it to follow the same ground rules as all human speech.

The Russians determined that human language, in its constructions, follows the rules of the genetic code. "As a result of the findings of the Moscow group, we now know that the origin of the bases in the genetic code follows grammatical rules; that is to say an immaterial or spiritual plan that is analogous to our human speech patterns."

The analogy between the structure of DNA and human language was found in DNA that is not involved in protein synthesis, dismissed by many geneticists as 'junk' DNA.

The Moscow group was able to prove that these codes laid out in 'junk' DNA were in no way connected with synthesis of some unknown building blocks. Their purpose seems to be for communication, or hypercommunication. There is a data exchange at the DNA level.

The Moscow group found that DNA *in vivo* responds to speech modulated laser light just as it does to radio waves, provided the precise resonance frequency is found, to influence the genetic information encoded in the DNA. Can we just talk to DNA rather than cutting and splicing?

The Moscow group found that it was possible to actually transmit information patterns in DNA, advancing Fritz-Albert Popp's discovery that DNA emits photons of light (biophotons) and can therefore act as a transmitter of information. They claim to have found they could encapsulate in laser light the complete genetic information in a salamander embryo, and transcribe it into a frog embryo, creating a completely different creature, without transposing any chemical genes. What has been transmitted is the information pattern within the genes. Therefore DNA has wave like properties.

Dr. Garjajev states that the chromosomes in vivo act as a [solitonic holographic computer](#) by means of the endogenous DNA laser light emissions.

In support of their hypercommunication theory, Fosar and Bludorf refer to Matti Pitkanen's theory of magnetic wormholes in DNA.

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Not only is DNA emitting energy but it is also storing information.

DNA has memory capacity. According to Matti Pitkanen, the TGD "model suggests that organic molecules are able to store memories into integer-valued [vacuum quantum numbers](#) associated with supra current loops, and that **perhaps** through the interaction with coherent light, biophotons provide a mechanism for memory storage."

According to Pitkanen, biosystems use the twisted and untwisted configurations of closed flux tubes to store binary data. Data that is stored in this way is capable of being transmitted via magnetic wormholes. This is the networked intelligence, as identified by [Fosar and Bludorf](#).

In chapter 3 the author explains his own theory as to how data can be stored in DNA, which is consistent with Pitkanen's.

Pitkanen says that dark matter is the quantum controller of ordinary matter, and is generated from the magnetic flux quanta in DNA.

What Pitkanen calls dark matter we can normally associate with data.

**But we have no knowledge of DNA outside the earth, yet there are huge quantities of dark matter in the universe. Where did all that DNA out there come from that produces all that dark matter ?**

In an article in New Scientist, 27 July 2013, *The Great Quantum space-time Tangle*, it is stated that wormholes emerge from entanglement, and entanglement is also known as non-locality.

Wormholes exist between every entangled particle in the universe, and since all particles are entangled, wormholes connect all particles in the universe. Wormholes are everywhere.

The article describes the universe as filled with “a thicket of cosmic tunnels” but the author thinks of this as quantum mechanical tunneling, and that a wormhole emerges where there is some probability of a signal passing between two particles faster than the speed of light to trigger a non-local event.

He states that in later chapters, he will show that valence electrons in the DNA molecule act as [memristors](#) and it is now clear that the networked intelligence in DNA means that the valence electrons in the genome of all living creatures are in fact entangled via these wormholes for processing and storing data. The networked intelligence in the DNA is the quantum computer.

In his book *The Presence of the Past*, Rupert Sheldrake argues that memory is inherent in nature, probably at all levels of matter.

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