

# TOPOLOGICAL THINKING

## The Challenge Of How We Can Learn To Process Information As Extraterrestrials Do Part Two

By A. R. BORDON

In a previous article, I presented the possibilities offered to us human beings by what is known as ***topological thinking***. Topothink (an abbreviation for topological thinking) is internal thinking led by the cortical brain/mind, but it involves the entire body-mind, too.

In this article, we are going to delve deeper into how topological thinking is and how it works in people who now use it.

We have said previously that the internal psychophysiological medium necessary for Topothink is a state of peace – or, make that, a state of relative peace. Relative to what? To our experiences of the world as we interpret them! One of the things strongly suggested to us when learning to Topothink was to become internally still, which is boggles a normal human mind because we see it as difficult, if not impossible. But when we reframe the task, we see it differently and the reactions (mental representations) are also quite different. If we choose a reframe that opens up an enabling representation of the experience, we would suddenly open up possibilities for ourselves. By choosing an enabling representation, we now see what before was seen as difficult into something not only possible but easy to do. I chose a mental representation of myself that I called “*the Teflon Man*.” No worries, no fear, no hunger, no bodily need, no external distractions – nothing that interfered with the desired state of mind would stick to me. I would go into my *Teflon Man mind space/time* and almost instantly go into a state of peace. “Teflon Man” became my verbal algorithm to a much more

complex state of mind; it was an algorithm because its use time after time would lead to the same result – a deep, satisfying, peaceful state of mind. Thus, the first task in the sequence is to find an enabling mental representation of what will produce a state of mind in you, and find a verbal algorithm that will take you directly to the experience – on demand!

(Notice that we are using an approach known as Neurolinguistic Programming [find and place link to NLP here] to get the mental representation we need. It is one of many techniques available to us human beings today. We highly recommend book and audio/video by Tony Robins,(find and place link to Robins' website here especially his book ***Unlimited Power***.)

I've said in the previous article (Part 1) that one way of conceptualizing Topothink is as a kind of deployment of the natural intelligence of our complex oscillating biological biomind's living matrix. As we are complex oscillating biological entities ourselves, we have a biomind beyond that expressed as *mind*, or the byproduct of electrical and quantum phenomena in the cortical brain and central nervous system. In this article, we need to paint on a canvass that will give us an engineering perspective beyond producing the necessary internal psychophysiology conducive to Topothink. In other words, once we get ourselves into a relative state of peace, what then?

### **An Internal Engineering Perspective on Topothink**

In this section, I'd like to generate a perspective in the frame of a biomind – not just the mental activity that is associated with the cortical brain and central nervous system. As biomind, we human beings ascend to a level of functioning which can best be described as complex oscillating biological entity. (or COBE) – much as extraterrestrial biological entities regard themselves.

I said before (see Part 1), using computation metaphors, that Topothink centered around the abilities to multitask fluidly in serial an parallel fashions at the same time, and that fluidly means being able to

effortlessly slip from one information set (the meanings in an information flow) to another, then another, then a third. I also pointed out that this will also involve retaining meanings derived from any one or more sets to bring those to bear on whatever new set we do next. In other words, the first engineering proposition is how many levels we choose to train ourselves to interact with meaning and carry them forth in our movement through space/time, both internal and external relative movement.

Let me give you an image to hang this thought on. Imagine a cone of light, to which you are connected by resonant harmonics; this cone is located at the beginning of time/space (i.e., the Big Bang, or, as extraterrestrials are fond of referring to it as "the cycle transition"). But your cone is only *visible* in the time scale and space coordinates you were born in (location, local time, etc.) because this is the local time and local space in which you as complex oscillating biological entity exist. The first wiggle in the cradle was your first external relative movement in that space at that time; from then onward, every movement has simultaneously been internal and external, and your attention has also been broad internal and narrow internal. You have since also been moving in space/time relative to your light cone. Every movement has been traced out by a combination of broad external/narrow external attention and the use of vector-intention.

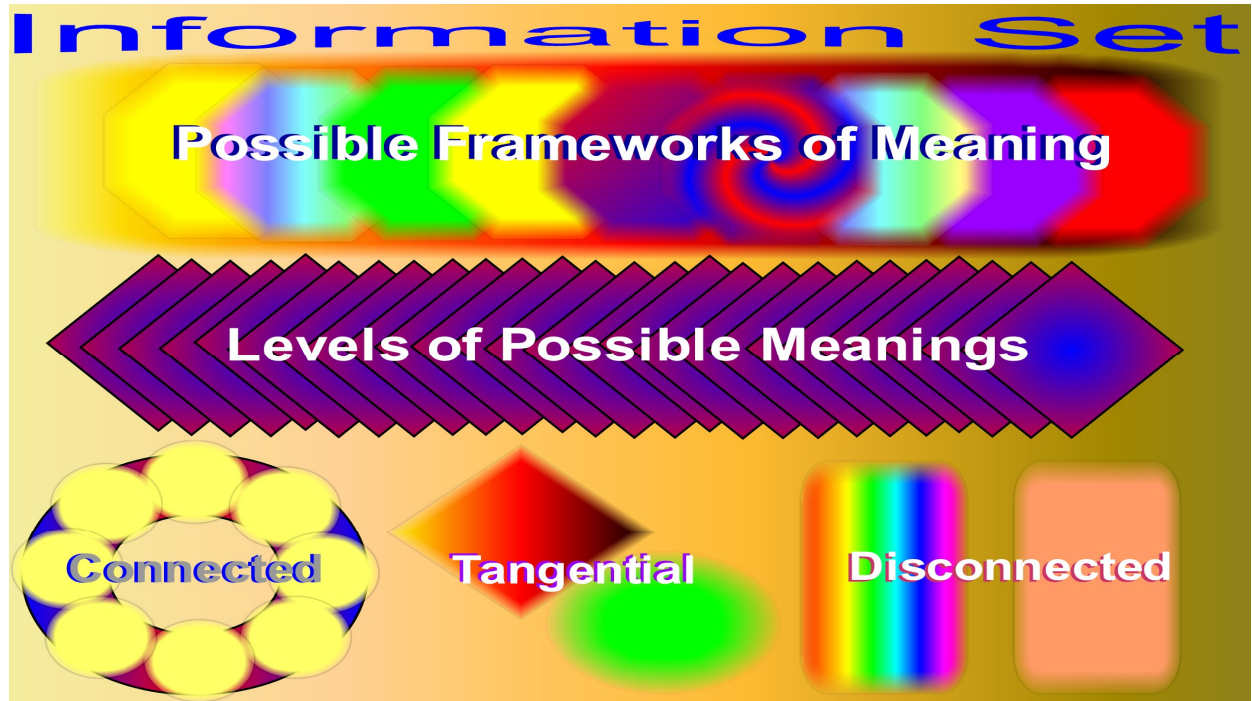
With the inclusion of a focused vector-intention (which is an active aspect of the conscious behavior of COBEs), we leave behind the conceptual miasma of what consciousness is, and adopt an internal engineering point of view. In practical, more traditional Cartesian terminology, we refer among ourselves to this in my working group as *conscious instrumental behavior*, or simply *consciousness-in-action*. From here on, the conceptual framework begs and borrows concepts with the aim to describe, instead of to fit phenomena to any one theory or model. Rather, the model that emerges is a highly utilitarian one, so long as the element-events are real and have a reason for being called forth into a working sequence. As the article title indicated, this is a conceptual movement toward a how-to process to think as extraterrestrials behave mentally.

Topological thinking, in this framework, then becomes a generalized ability to function mentally strictly within a broad-internal/broad-external attending fashion. However, this does not preclude and exclude the use of narrow-internal/narrow-external attention deployment. In reality, it includes both; therefore, then, the statement made in Part 1 that Topothink involves fluid serial and parallel multitasking processing at the same time. The use of both serial and parallel processing in multitasking thinking within information sets involves training ourselves to remain in broad-internal/broad external attention to the “big picture” of the information set being dealt with, while narrow-internal/narrow-external attention directs the bit processing of specifics within the information set along multiple meaning points. Here we now have to think in terms of an architecture that can manage the handling of multitasking in the subject of focus of an information set. We can best do this with an information set example in hand.

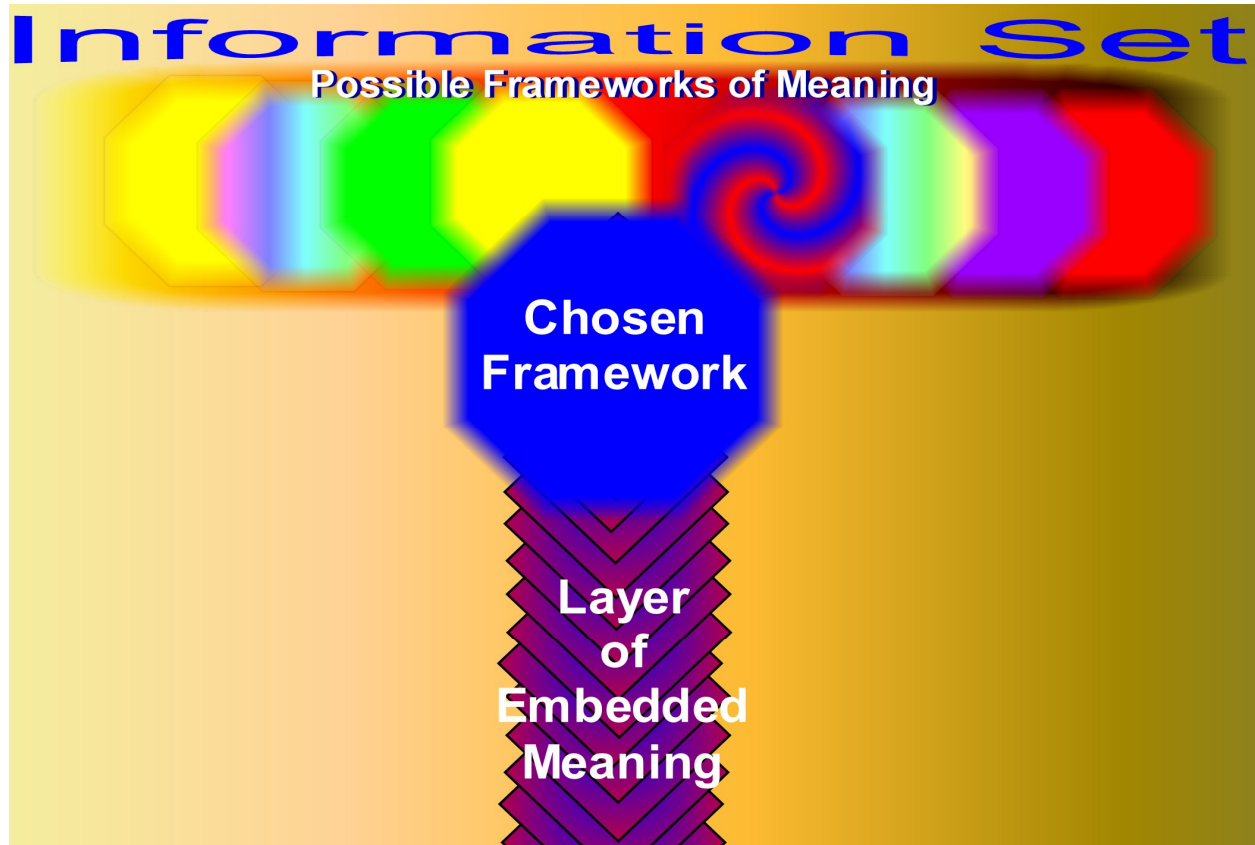
## **EXAMPLE**

### **Information Set: The Survival of Humankind on Earth**

In information sets, we start by defining several things. One is the number of possible frameworks of meaning present in a general topic; two, we become aware of the levels of possible meanings embedded in the general topic; and three, we approach the Topothink examination of the framework and levels with one basic dictum: for every meaning detected, decoded, and deciphered, there are always additional embedded meanings associated directly (as connected sets), indirectly (as tangential sets), and as unconnected sets (separate sets). The latter may be viewed as *thinking outside the box* in relation to the framework under consideration. Extraterrestrials, we learned, map their discussions with us using an argument architecture very much like the one described here.



The guidance to a choice of framework of meaning, in communications with extraterrestrial, is nearly always in advantage of the point of view pursued by the entity in discourse with a human being. It is very much like entering into a discussion of a topic with a most experienced debater, who also happens to have the capacity to draw information and meaning from connected, tangential and often disconnected information sets in support of the point of view. The only way we have found to level the playing field was to resort to reframing questions back to a framework we were interested in, and often one that was not in the light in which the entity wished to conduct the discourse. Force of argument – that is, the presentation of a core idea from many different angles, supported by connected, tangential and disconnected sets – is also manageable for a human being through the use of reframing questions interspersed in the exchange. They are extremely good at what we came to call argumentation by embedded meaning, or the use of layers of meaning expressed by embedded meaning derived from the initial central meanings in the argument presented.



Their arguments, much as ours among us humans, is centered on the framework of detectable, decodable and decipherable meaning. But there is also a penchant for the further detection, decoding and decipherment of embedded meanings in any one point made – all the while maintaining a focus on the central argument. It is in their use of this architecture that their capacity to handle information in serial and parallel fashion that makes them worthy debating adversaries. It is for this important reason that, in this article, I am arguing for our own need to develop Topothink abilities in our own handling of information in like fashion.

### **Mental/sensorial Multitasking In Serial And In Parallel Modes: Geometric Thinking And Bioelectronic Functioning**

How can Topothink be possible for us humans? Topothink is not a martial arts; it is a mental art. But like in the martial arts, the art of centeredness is not altogether different from the art of prevalent and

continuous internal peace. Thinking is not just a thing, it also has form and meaning. Thought form perception is inherently geometric--the things one thinks consist, as they do, of geometric thought forms. As for meaning, if one accepts that thought processes consist of point "neurons" and the paths connecting them, then simplicial topology enters as the lines, triangles, tetrahedrons, etc. that connect cognitive "chunks" by "trains of thought."

Thought topology is "thought form rubber geometry," technically, the mathematics of bicontinuous one-to-one transformations of a set of points comprising a so-called thoughtscape. Associated with the points are *open sets* that cover the thoughtscape, like the response fields that constitute neighborhoods of the actual neurons in the brain. For present purposes the key point is that there are certain *invariants* associated with a topology that remain unchanged under the transformations. Kurt Lewin's *topological psychology* was different. Instead of invariance under transformation, it revolves around approach-avoidance reactions. The latter are included in the present approach under the dialectical-pair model for cognition.

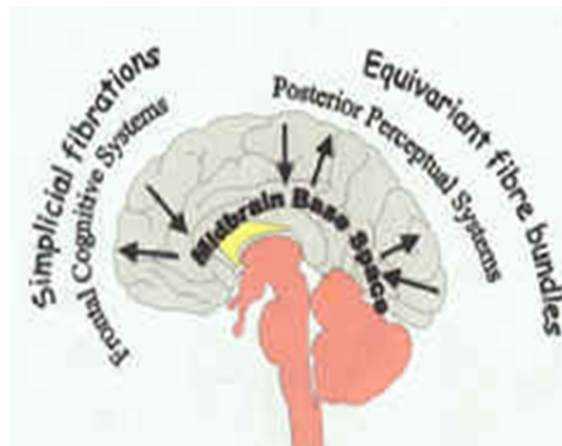
In the case of the visual field, the transformations are the distortions imposed by viewing conditions. The objects in the visual field are recognized as what they are in their own right no matter how their appearance may be distorted by viewing conditions: near or far, right-left, up-or-down in the field of view, rotated, moving, or viewed obliquely or binocularly. And a tune is still recognizable even if it is shifted in key or changed in loudness, or heard binaurally. These *invariances* constitute the *psychological constancies*. Lacking the constancy invariances, you would always be moving through a surrealistic world of perpetually deforming, rubbery thoughts.

We humans have our invariance, the same as extraterrestrial biological entities. Their perception dictates how they think, which is the object of our study. And the phenomenon we call memory is a prime example, for it represents invariance of mentation under time changes – theirs and ours. Point-set topology was mentioned above, but there are other kinds

as well, no less important in neuropsychology. Neuropsychology is a word of several different meanings, even clinical, but used here in the sense of psychology firmly grounded in neuroscience. The neurons of the visual pathway have center-surround response fields, Mexican-hat shaped, but when the optical flow gets to the visual cortex, something new is added, the so-called orientation response. This couples a directional response with the neighborhood response. The result is what mathematicians call a vector field, that is, an arrow bound to each point of a manifold like the visual field. The invariance involved here lead immediately to a second kind of topology, *differential topology*. All kinds of good things now enter: flows, Lie groups, Lie derivatives, fibre bundles, etc., all of which play a prominent role in the theory of perceptual psychology.

There is mathematics involved in all aspects of how Topothink works. However, how people develop understandings of relationships in their thinking is crucial to developing an internal framework – a blueprint – of characteristics of the topology of their own thinking. Take, for instance, the relationship of *proximity* – how closely or distantly related are two topics can be characterized in terms of *neighborhood*, *continuity* and *boundaries*. When combining these relationships with other basic conceptual structures like order, seriation, number, classification – topological relationships become available to the self-examining thinker functioning in serial/ parallel mentations.

**Human Cognition and Memory.** The human brain divides naturally, fore and aft (sagittally) into two main systems, the posterior perceptual systems and the fronto-limbic higher systems, as shown in the figure right. As an eminent neuroscientist, Dr. Karl



**The perceptual/thinking human brain**



Pribram, put it, the posterior perceptual systems "mediate invariant properties of specific sensory modalities." (There's that word again!) The frontal cognitive system acts to confer meanings on the form perceptions that the posterior systems provide it. Involved in the flow are Working Memory, thought processes, foresight and planning, decision making--the essential activities of "consciousness." Coupled in with this are the outputs of the limbic system, the "emotional brain." Attached to every cognitive meaning is an emotional connotation.

Beyond exclusive reliance on biochemical processes, there is an energetic kind of bioelectronic, photonic memory. In human beings and alien life forms alike, this is tapped as processing capacity in a continuous, self-renewing state of internal peace.

When we cease relying on as an exclusively biochemical process and extend into a kind of bioelectronic, photonic memory, our information processing capacities experience a quantum jump in exponential rise. We are able to "store" memories in what we now referred to as our Meissner fields (the photonic field that surrounds our bodies), on the currents that flow through the surfaces of our cells, even in the static charge in our cells themselves. One must take into consideration that for every electrical charge in our bodies, there are magnetic fields off any tissue at 90 degrees from its surface. These fields are both energy and information. That is, our cells and our Meissner fields are capable of also carrying an information bandwidth in all electrical currents that also produce magnetic fields. All extraterrestrial groups on and in Earth near space have this capacity. And we need to develop it as well.

Can we?

Of course, we can. Humans have already started to develop these capacities – some with assistance of energetic technologies that are capable of inducing a greater connectivity between neurons (increasing the neuronal capacity for information processing but only in the central nervous system's cortical areas of the brain), while others with soft

technologies of intelligence acceleration that are slowly coming out into the public domain.

A topological thinking modality will allow one to grasp most if not all of what I am saying without any problems, getting the connections between the various concepts in the flow. It is this that is elsewhere referred to as a *technology of intelligence acceleration*.

## **Our New Imperative**

Topological thinking then becomes the centerpiece of our new imperative. Without it, not much of what else we need to become may be fully connected in one's mind to grasp where, collectively, we have to move toward. In terms of developing the abilities to connect with those who are not from here, it is necessary to realize early on that to grasp and get who, what, why, and where they are coming from may not be as complete on our part without this new thinking modality. These people have not only the advantage of possessing topological thinking as a matter of course, but also have the capacity of mind-on-mind resonance via the use of extremely low frequency ranges to connect themselves mentally to us, and to others. In their cases, most of this is done with assistive technologies, some of which I am told we have retroengineered for ourselves, working forward in modifications to the initial Flanagan device.

Should we then move toward developing topological thinking? We must. It is now not a choice of if, but a choice of when. There is also the expectation that those who choose not to may well be left behind, isolated, and disconnected. It is interesting to note that one particular hyperversal individual entity, with whom we've been in contact with now for nearly a decade, tells us that we humans are eminently positioned today to develop these capacities because our overall information bandwidth is so much broader than those of extraterrestrials merely relying on mere mental mind-on-mind communication. Or what we know popularly as telepathy. He tells us that they, themselves, are undergoing a kind of bootstrapping program to reintegrate into their capabilities the capacity

to feel deeply, to love and to connect from the solar plexus – or their equivalent of that. It is not altogether surprising then – at least to me and those colleagues of mine who have contact with offworld species – that a majority of them find our emotive bandwidth a little too much to take at times, especially when we emote highly dense, highly charged emotions like anger and frustration.

## **Toward An Internal Psychophysiological “Soft Engineering” That Goes With Our New Imperative**

To put it clearly in plain English, our new imperative is to develop the capacity to think topologically. Equally plain is our need to engineer this new capacity in ourselves. In the remainder of Part 1, let me lay out a bird’s eye view of the internal psychophysiological environment we need to develop to achieve some measure of topological thinking capacity.

It is known today that, as complex biological entities, we lose a lot of energy by the lifestyles we live. Thoughts that engender worry, fear, frustration, anger, and such other truly unnecessary and illogical byproducts of our daily interpretations of our experiences within of the world without, the behavior of others and the attributions we make to events and things that do not work in our lives – these are net energy loss states – thermal and bioelectric. We need to learn not to want them in our lives, and to not produce them. What is the alternative? Well, in one word, it is the state of *peace*. We pay to learn to do TM and yoga and other meditation techniques in pursuit of the wellbeing brought about by internal peace – and I’m not just talking about the kicking in of momentary states of relaxation. I’m talking about an ongoing, internally instituted campaign of safeguarding our internal state of peace, because this state is the basis, the psychophysiological environment needed, to begin manifesting topological thinking capacities.

Why peace? Because it is literally a zero-point platform for our biominds (our bodies and minds connected as a working, feeling, sensing, computing tandem) to begin to manifest and act in higher integrated levels of functioning. Our capabilities to sense with all of our senses, to

use our skins as literal antennas, our cortical brains as processing mind, and every aspect of the cytoskeleton of our cells and the fascia or connective tissue, are all viable means of perception, reception, and processing of information – albeit, without the spoken language that is the trademark of the cortical mind. Integrated functioning allows us as spirit-body-minds to relax our hearts, our tissues, the coils of our DNA and, energetically, express ourselves into extension well beyond 4-space/time. Just how do you think extraterrestrials set surveillance of our thoughts? As I was told, their surveillance is focused on the qualitative aspects of the manifest total of human thought at any one second of time, ad infinitum. And they are capable of culling through what they interface from our combined total thought behavior to find trends in them we are not aware we are producing. We broadcast powerfully – with all the means at our disposal I’ve described above – in more than just our 4-space/time Earth: our broadcast reaches realms in which energy is negative and matter is dark. Each one of our cells act like literal miniature black holes, and the sum total of our capacities when integrally manifest reaches octavials beyond our imagination.

So how do we harness this panoply of capacities into an engineer-able vector? How do we use our biomind as a highly amplified topological thinking powerhouse?

We start by learning how to work with our attention – broad external, broad internal, narrow external and narrow internal. Attention is to grasping meaning and understanding what the eyes are to looking and seeing. Attention and sight are both propelled by an energetics that is often too low in power to measure (but it can be and has been), yet we can feel the eyes of a person looking at us from behind; we feel it in the back of our necks. We deploy energy when we look and also deploy energy when we pay attention. But something funny happens to the energetic scale when we add a vectored intention to the mix: the scale goes off the chart! Something even more amazing happens when we pay attention in a peaceful state with a vector of intention: we can grasp as far as the nearest star (figuratively speaking)! Something else also happens that we are just beginning to understand: all three-plus trillion

cells align their electromagnetic fields to function much like an external drive in a computer. In other words, this results in a kind of additional computing capacity for the human biomind. It is like the networking of three-plus billion minicomputers in series and in parallel.

What can this upgrade in thinking produce? Well, if we go by what happens to children who are now *coming on line*, as it were, manifesting themselves as a leading edge of our evolution, quite a q-byte (tongue-in-cheek). Take, for instance, Mary Rodwell's report on such children (<http://www.agoracosmopolitan.com/home/Frontpage/2007/05/15/01569.html>). Tibetan, Indian (from India) and Mexican children develop a kind of sign language with which they communicate among themselves and with extraterrestrials. (Two members of our scientific cooperative, funded by a private foundation, have been looking at this phenomenon for the past several years.) They report overt complex behaviors we can only understand as clairvoyant, psychokinetic and mind-on-mind telepathic. One of these children, a young Mexican boy of 11 was brought to our small lab in California a year ago for some demonstrations and tests which, much to our amazement, showed them to exhibit a high degree of cytoskeletal integration when exhibiting psychokinetic and telepathic behaviors inside a modified SQUID (superconducting quantum interference device). A SQUID allowed us to peek inside noninvasively and see how his organism arrayed itself while producing such behaviors. During the visit period, the sun was also producing high solar winds that were reaching the Earth, and periodically, during our period of observation of this child inside the SQUID, we could see peek correlations between his Meissner (aura) expansion, entrainment of the Schumann resonance fundamental frequency and harmonics, and peek occurrences of solar wind hitting the Earth. The boy, we concluded, was literally connected to these correlates in ways we didn't quite understand but were witnessing as it was happening. But what was most exciting was watching a human being's capacity to function with one degree of freedom – that is, this boy's biomind was functioning as one, while producing the effects observed, including his telling each of us in the control room what we were thinking about (in Spanish) of mental-verbal behavior of observers occurring in English. Once he came out, he told us

he was “reading” not thoughts, but what our individual biominds were producing as correlates of verbal thoughts; in other words, he was “reading” intention! Which, by the way, is the same experience some of us have had with extraterrestrials!

Within this capacity framework it is that we can use our attention to literally bootstrap ourselves into a topological mode of mental functioning. The rest is protocolar, or the equivalent of an operating software that would run the capacity framework of three-plus billion cells with one degree of freedom, that is, like a single, fully functioning, fully thinking body-mind.

In the next installment of this series, I am going to outline this ‘operating software’ and describe some of the things we can do that help in developing topological thinking in ourselves. And in the final installment, we will then devote the entire article on a sequence (complete with mental algorithms) that will help readers kick-start the practice of beginning topological thinking in themselves, and the practice regimen necessary for developing the skills that can lead to an increase in manifestation of this thinking modality.

At this stage, it would be improper not to also advise the reader that these final two installments are not ‘magic bullets.’ Nothing will happen, develop, appear, and sustain itself without practice, and this may take years to fully blossom. It does also have much to do with the reader’s belief set, whether or not topological thinking is possible in him or her, and whether or not time will be allocated, used, and spent in developing such skills.

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**END OF PART TWO**

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## ABOUT THE SOURCE OF THIS ARTICLE

This article is part of a chapter in a forthcoming book still being written by the author, titled ***THE LINK – Extraterrestrials in Near Earth space and Contact on the ground: Humankind’s opportunities, issues and problems with the extraterrestrial presence***. It has been adapted for publication on this website

### About the writer:



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A. R. Bordon is a retired itinerant scientist, traveling the roads of America in search of people talented in extended human functions. He is a former deputy director of a corporate research centre, former executive director of the *American Association of Remote Viewers*, and contributing writer to a couple of blogs, one Spanish language website and a Portuguese (Brazilian) website. He is also author of *FIREBALL*, a science fiction novel, and of over twenty-five screenplays and teleplays. In the early 90s, he was also instrumental in the formation of a scientific cooperative (the Life Physics Group – California, LPG-C) that does research in extended human functions, interface with extraterrestrials, and other anomalies. Since his retirement in 2001, he has devoted himself full time to writing, as editor of limited circulation publications of the LPG-C LINK -- and is travelling the USA.