

Part Four
The Universe on Ketamine:
A personal journal documenting ketamine mindscapes

By
Willard G. Van De Bogart
(Entries from Nov 1978 – July 1983)



Art work "Grand Universe" by Gary Tonge

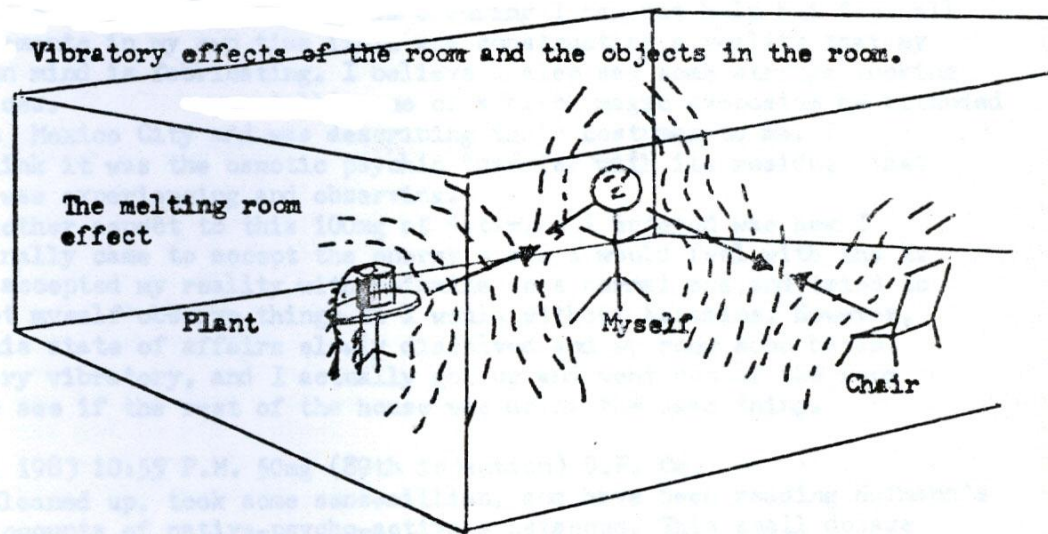
May 30, 1983 10:07p.m. 100mg (89th injection) S.F. CA.

Today I visited a friend in Redwood City, Ca. I saw Jim's slides of the study of the human body with bio-feedback equipment and neural transmitter monitors, as well as Bob Monroe's lab back East. Jim also had a lot of slides on acupuncture studies. I also presented my slides from 1968 until 1979. I did not include the Information Science slides which portray my interests today or my work with Ketamine. However. All the booklets and articles were made available to look over. During this time of sharing my Ketamine booklets I met another person. I plan to send to him the Ketamine papers I have been logging since he made the comment that I sound very much like John Lilly when I speak of these experiences which leads me to believe there may be some universal truths lurking to be explored mutually.

The quest is to now show how this other world can be represented for others to see and gain an understanding of its potential to explore personal psychic space.

This Ketamine experience will be to imagine those images that will best do that.
(Incredible experience)'

I left the bedroom believing the room was not truly real so I ventured into the hall. Upon feeling the cooler air I realize the warmth of the bed was better and then I realized the profound effects I was experiencing. This was a 100mg preceded by a small amount of sensemilla which produced for me the most intense experience to date. I believe I became anxious when I felt all the room was about to melt or dissolve within me. There was a moment I wished the sensed reality would last for a long time, but then the fusing of the room occurred, and I became very alert. It was as if I could leave the mental construction of the room. Somehow I was on the border of my reality definition. I was also Very reluctant to turn on the television since that reality was constantly moving.



The interference patterns of the table and chair am my own perception of how these objects became pronounced. This phenomenon could be the matrix underlying Pribram's holographic principle of consciousness.

(http://en.wikipedia.org/wiki/Holonomic_brain_theory)

The normal conscious mind sets up a receiving gate of external stimulus which allows the separation of ideas and matter to occur. I believe the para-normal state flows through the energy fields of these force fields around the objects and around the human being. When this occurs the mind acts as a receiver and a transmitter and can receive any mental signal what so ever. These experiences are so profound it is incomprehensible how existence without these substances could appear so bland. Faith in a more complex order of reality always occurring within us is for me a deep Sensed truth. Learning how to interpret this complex order is my present work.

Another profundity which occurred was the sense of awe which was gained by repeating the two words ET and Gandhi. Here I realized that unknown aspects to human consciousness became revealed in mythologizing through the motion picture. Gandhi, however, was a real historical figure who captured the spirit or the Indian people. Mankind always seems to be emulating those mysteries in acts to better understand his own position in the universe. Cosmos, by Carl Sagan, the Civilization series by K. Clark, Ascent of Man by Bronowski, Life on Earth by D. Attenborough and a Sense of History with P. Ustinov are examples of revealing the Human drama.

Another aspect which occurred on this (89th injection) was the sense of a totally new discovery of synthesis. All of a sudden I felt as though all of my questioning, and reading, and experiences, had wedded themselves together forming something new. I sensed the environment going through changes of shape. I became excited and got out of bed. No longer was I just relaxing, but was looking around expecting my body to be transformed into another form or another dimension. I had unusual opinions about who I was as a person. I felt especially unique with my own life and felt I would be contributing same thing significant to others. In many ways I think Ketamine is releasing blocks which would enable me to accomplish any of my

personal goals. Since I sense a new synthesis is occurring I cannot help but feel all elements in my own time field are constructing a reality that my own mind is fabricating. I believe I also saw some strange looking faces. I was told of a black magic symposium in Mexico City where people wore costumes. I think it was the osmotic psychic transfer with its residue that I was experiencing and observing. Another aspect to this 100mg of ketamine I enjoyed was how I finally came to accept the energy state I would feel with ketamine. I accepted my reality with Ketamine as a normal one, and I tried to let myself observe things as I would without Ketamine. However, this state of affairs slowly dissolved and my room soon became very vibratory and I actually got up and went out of the room to see if the rest of the house was doing the same thing.

June 1, 1983 10:55P.M. 50mg (90th injection) SF CA

Cleaned up and took some sensemillia, and have been reading Hofmann's accounts of native-psycho-active-substances. This small dosage again made me realize myself in time. To me this is a profound phenomenon. The Ketamine seems to provide the experience of integration with the environment on a more immediate level. This time I listened to a piece of music titled Alleluia by F. Sharpe. My Sense of history is more pronounced with ketamine. Perspectives on human destiny was acute.

June 3. 1983 10:20 P.M. 60mg (91st injection) SF CA

This experience was preceded by one toke of Thai Indica and one toke of sensemillia. Cynthia Palmer and Michael Horowitz of, Psychedelic Press UK, were not able to keep their appointment this evening. We were scheduled to meet at my place at 8:30 P.M. and I was to show some slides and present my booklets.



<http://psypressuk.com/2013/01/11/literary-review-sisters-of-the-extreme-by-cynthia-palmer-and-michael-horowitz-eds/>.

Arman Mathews came over in their place and at 9:30 we had dinner and Prepared for a ketamine experience. I showed the 80 slides I had prepared and with the ketamine the slides looked as if I were watching a movie. It was another world all together. I am convinced that the mind is capable of creating other worlds and other realities while in the same body. What the implications of this are can only be guessed at.

Next morning 8:10am

In recalling last evenings experience I was fascinated by one of my slides of the "Infinite Vision" sculpture which I built in Paris in 1975.



Infinite Vision 1975, American Cultural Center, Paris, France

It was as if the slide was acting as some sort of a window into the American Cultural Center theatre on 3 rue du Dragon. The slides appeared to have motion to them. It was as if I were watching a movie or the television. The idea of a "Culture Creator" came to mind. I am sensing that if you amplify consciousness there is gained new images or ideas. If these images or ideas are placed into action or some sort of consensus reality configuration then new insights will arise. Interestingly enough all the work I did do, which was shown via the slides was thought of without the aid of these psycho-active drugs.

This particular experience was truly unbelievable. It was this aspect to its believability that I knew that intelligence still had to be applied to new visions and new ideas. Only a small percentage of the everyday world ever gets through to the active conscious mind but the reality that appears unbelievable on ketamine is still there in the world at large. My friend Arman had a good time as well with his 50mg. The 50mg was just a bit too much for him. He experienced mild vomiting but only after the entire experience. I believe this was due to the fact that he wanted to lie down and staying awake was not to his liking. The most important thing I can say is the mind has incredible imaginative powers. This was the most memorable slide show. My slide show was titled "Exploring Space" and it created a synesthesia effect when the music was played. Arman Mathews called it a "Ketamine Theatre". The Mind Parlor came to life and I was able to see images of another time as if they were real in this time. To me that's profound. How, I ask, can the human do that?

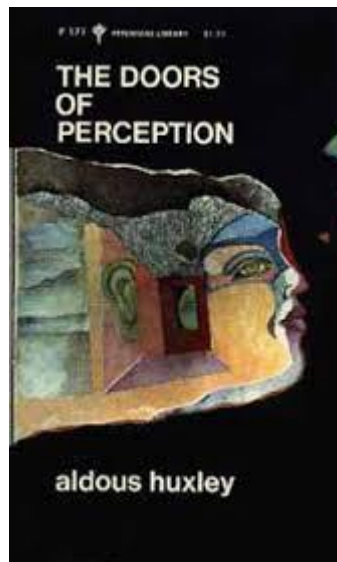
June 7, 1983, 11:20pm 30mg (92nd injection) SF, CA

Two tokens of sensemillia have preceded this Ketamine experience. What this pen has to do is to make marks that provide responsive insights to the unknown or unbelievable world that Ketamine provides the user. It occurs to me that I have sensed a unique quality of the thinking mind. Even on this 30mg I was aware of how exact the environment becomes. Then there is the dissolving of borders of space and matter and how their molecular interaction defines the reality.

Last evening Walter Cronkite of CBS presented 1984 Re-Visited.

<http://www.nytimes.com/1983/06/07/arts/tv-1984-revisited.html>

The overwhelming subject matter was the control of Information and the control of the mind. For me this represents the areas of Information Science and Psycho-Pharmacology. It is obvious that the individuals desire to explore alternative states of consciousness are limited or prevented by the social mores. Aldous Huxley made a case for the development of this other world in his book "Doors of Perception" written in 1954. Orwell wrote 1984 in 1944-1945.



It appears the prevailing use of awareness with the powers of consciousness is directed toward social control. When the politics of nations has to use its own communications machinery for world positioning it is the people's minds that are affected within that social system, which in turn reflects the political stance. Watching children marching in Iran on 1984 Re-visited shouting slogans of death makes this issue of mind control very real. Living in an area of affluence shields these realities from being felt or noticed. The technological society provides many windows on the world via satellite television programming. Many people watch, but do not, or perhaps cannot find a way to bring the awareness of the mind in universe into focus. However, thousands upon thousands of works in the literature, theatre, music and film are released each day expressing ways to see the Universe. The massiveness of the existing social systems requires a more direct relationship with a change agent for the powers of consciousness to be utilized. If this change agent does not occur humanity may just find itself in a setting as described by George Orwell.

Another aspect to this Ketamine experience was the concept of pure mind. This concept came about due to the realization that I personally am not involved in the construction of artifacts using heavy metals, plastics, or wood. My own mind is more involved in the processing of data and formulating concepts. This aspect to, Concept Formation, is indicated by a paper recently published in the magazine *Information Management*. "Concept Formation" deals with soft technology. Vol. 15, No. 11, Nov 1981.



Concept Formation— A Fundamental Element of An Information System

This technique allows the information manager to accumulate the knowledge in the databases and successfully integrate it into corporate goals.



Willard Van De Bogart, Vice President Marketing Information Research Consulting Group, Pittsburgh, Pennsylvania

To accomplish your regenerative integrity you give yourself the responsibility of eternal, absolutely continuous, tirelessly vigilant wisdom.

-R. Buckminster Fuller-

My present function is to market the Information Management concept, and the Information Counselor concept to all business ventures requiring a pulse beat on problem solving and decision making strategies. Over the last ten years American's have been experiencing the transitional growing pains as we begin to leave an industrial based society into a knowledge intensive, human resource Information Society. Nowhere could this be more evident than in Pittsburgh, as one steel mill after another shuts down. It does not take long to discover that there are a lot of growing pains left, but it is also obvious a new era is upon us all. American productivity will be able to offer a healthy economic base for itself and the world market as it becomes knowledgeable about how the information industry is able to produce dollars. Those of us in the information industry must be able to explain our business to others as well as be in agreement within our own profession and Information Managers, Counselors and Brokers. Information Research Consultant Group is an outgrowth of the expertise in education and industry in the Pittsburgh area. IRCG is a wide spectrum organization specializing in four areas:

1) Generalized information systems support:

- provide knowledge of when to use an information system
- full information services from library to database resources

Concept Formation- A Fundamental Element of An Information System.

This technique allows the information manager to accumulate the knowledge in the data bases and successfully integrate it into corporate goals.

The manager's ability to convert data into meaningful information makes the difference in the outcome of decisions.

- Information counseling

2) Bring resources of an Information Systems 'design to the client:

- assist existing systems and retrofit to specific needs
- monitor efficiency of the existing system
- design new systems

3) International client liaison exchanging information resources globally to specific needs

4) Seminars of continuing education to cope with new technical concepts and information, library and knowledge resources

How do you sell the concept of the role of the Information Manager? The better I understand that concept the easier my mission is, and the easier any corporation's mission will be in developing decision support systems, strategic planning, and management support systems. Therefore, I offer these marketing strategies to define the function of an Information Manager. First of all I want to say that all the computers in the world will not solve our business problems.

People will solve our problem. People who are knowledge workers are responsive to the needs of another human being. Information Managers have two main jobs to do:

- 1) Reporting to upper management
- 2) Interpreting lower management

The Information Manager constantly has to interpret sign posts that may determine the future of the corporation. The I M has to be aware of the needs which support the overall goals and objectives of the company. The IM has to work with users, operation support systems, management support systems, decision support systems, and all upper management. The I M has to understand how concepts are formed and interpreted so that continuity of the overall mission is maintained. The I M has to understand the concepts that are being made with the knowledge which he has to use. There are many questions to be considered when decisions have to be made with the available knowledge.

It is essential that cognitive structural conceptualizations become an active issue among the IM function. In order to stay abreast of evolving technologies, improved technology, improved economics, and automated systems, the IM has to sell information concepts to other managers which mean developing an understanding of concept-formation.

A concept is a fundamental element within an information system which allows the knowledge accumulated in the data bases to be successfully integrated into corporate goals and objectives. The I M stands between the two poles of the corporation. On the one end, it is necessary to select the necessary data, and at the other end, it" is necessary to transfer the information to aid in problem solving and decision making. The IM is in the middle of:

- 1) converting;
- 2) Interpreting;
- 3) Advising;
- 4) Suggesting;
- 5) Predicting; and
- 6) Selecting

the right data to be used as a conceptual tool.

At this time let's address the idea of a concept. Let us ask this question. Do prior conceptions about things make it difficult to have new concepts using new combinations of words, ideas, symbols and signs? The answer to this question sets the stage for the successful functioning of the IM.

In developing a concept-based on available data there has to be taken into consideration what applications the data is going to be used for. However, some serious considerations concerning data and reality have to be made very clear for the Information Manager. It is obvious that there are limitations to the amount of data a human being can manipulate to make a meaningful decision. However, if an immediate decision is needed, the preparatory stages should be well thought out. There is a need to design an information management system so concept-formation is related to goals, objectives and the mission of the business venture. One of the key components in concept-formation is language. Language acts as a determinant to the conception of reality. Language acts as a mold, shaping the mind as well as a code connecting other minds.

The ability of Information Managers to know how to listen to questions and then to look for answers depends on using language. It's important for the IM to make an information analysis of the array of referents that the language represents. This is necessary to identify the distinctive properties of the language structure that is being transmitted. Simply put, you have to know what you are talking about, but also what you are listening to. This may, at the outset sound simple. However, when techniques for converting data into meaningful information makes the difference on the outcome of an investment decision, then these details become the cost effectiveness aspect to the IM function.

The next major issue is the cost effectiveness of the information management position. What are the costs of converting data into information, and are there any indicators that would be observable as a result of a successful IM function in the corporation? One thing is certain; it is the mission of all companies to survive. The corporate world has been witnessing some of the largest companies going bankrupt. Would an IM division make a difference? Emphatically yes! As our understanding increases with information systems which utilize information managers, counselors and brokers, very significant indicators emerge within the overall system by which the corporations' function. The IM essentially acts as a command and control processing center. From this vantage point there is a constant survey going on with all the profit centers, current trends in the industry, competitors' developments, coordination with the decentralized branches, and a host of other concerns. But what about creating a budget for the IM function? What can be expected of an investment into supporting Information Managers and Information Counselors?

First, the area of concern which the IM works with is uncertainty. As data is converted into usable information, the IM has to rely on how that data was passed onto him from other departments within the organization. Again, being that the IM stands between the attitudes of the stable structure of upper management, and the highly opinionated marketing managers, as well as the technical staff in the data

processing department, it is necessary that an integrated system is designed. Arthur Schneyman, Manager of Planning and Analysis for Mobil Oil Corporation states:

"with similar nature and characteristics, information resource units could be more efficient and effective if they were integrated".

Costs related to the I M function are not the costs of automated equipment, or telecommunication costs. Cost effectiveness with Information Management centers around:

- 1) Value of information in attaining goals and objectives.
- 2) Acquisition, processing and utilization of information.
- 3) Application of information to specific tasks.
- 4) Accounting for why data IS requested.
- 5) Updating designs of information systems to feedback relevant information.
- 6) New Personnel for data production and retrieval to support new systems.

The prerequisite for upper management is to look at how data is converted into meaningful information, and also understand that information is a resource similar to a capital investment. Once the concept has been formed that information is measurable then cost accounting can develop around investments toward information.

Information Audit

Ann Quinn of the Arthur D. Little Corporation has provided upper management with a new concept called the "information Audit". This concept is designed to provide a review of the way information is supplied to a company. Ms. Quinn feels there also should be a direct link between the goals of the information center and the corporation. The Information Audit describes the way materials are concentrated in certain subject areas. The audit points out how information has served the company. This technique allows the corporation to follow the flow of the information from its original acquisition to its final application. This auditing function falls in line with a cost effective approach for information utilization very nicely.

Perhaps one of the most emphatic spokes persons for the Information Management function is William Synnott, Senior Vice President of the First National Bank of Boston. Mr. Synnott sees the IM managing corporate information as a major corporate asset. According to Synnott, IM should plan the logical coalescence of diverse functions that process information into cohesive systems. He strongly believes in organizational rearrangements to manage corporate information resources more effectively.

The Integrated Environment

The future environment within the corporation as well as other institutions will be increasingly more integrated. As each section or division of a corporation increases its data load it will become more important to have the Information Manager and Counselor provide new cognitive processing models to convert the data into meaningful information which reflects the goals and objectives of upper management. William C. Gough, President of the Foundation for Mind Being Research in Cupertino, California provides training in new cognitive processing models. Gough states:

"These filters or models of reality are used by everyone either explicitly or implicitly in their process of making routine decisions. They enable us to focus attention on aspects of reality, however, at the same time they result in the omission of a great deal of other-wise available information".

Dale Zand, author of Information Organization and Power comments:

"Acquiring and generating new knowledge is one of the great uncharted areas of management and human behavior".

The challenge to address wisely the Information Society, and how we utilize new tools such as, Concept-Formation, will determine our economic stature in the world market. The information manager, counselor and broker are those new disciplines which are charting our course into the future.

Technically it is necessary to control the lexicon (word) and also the grammar (use of words) of the language. Another way to put it is, the encoder must realistically access the informational requirements of the decoder. The goal of this concept-formation technique is to provide data on a regular basis for conversion into information to support effective decision making. The I M has to direct appropriate high quality data to users as they need it for their own decisions. There are definite signposts which would indicate the I M was not doing an effective data conversion:

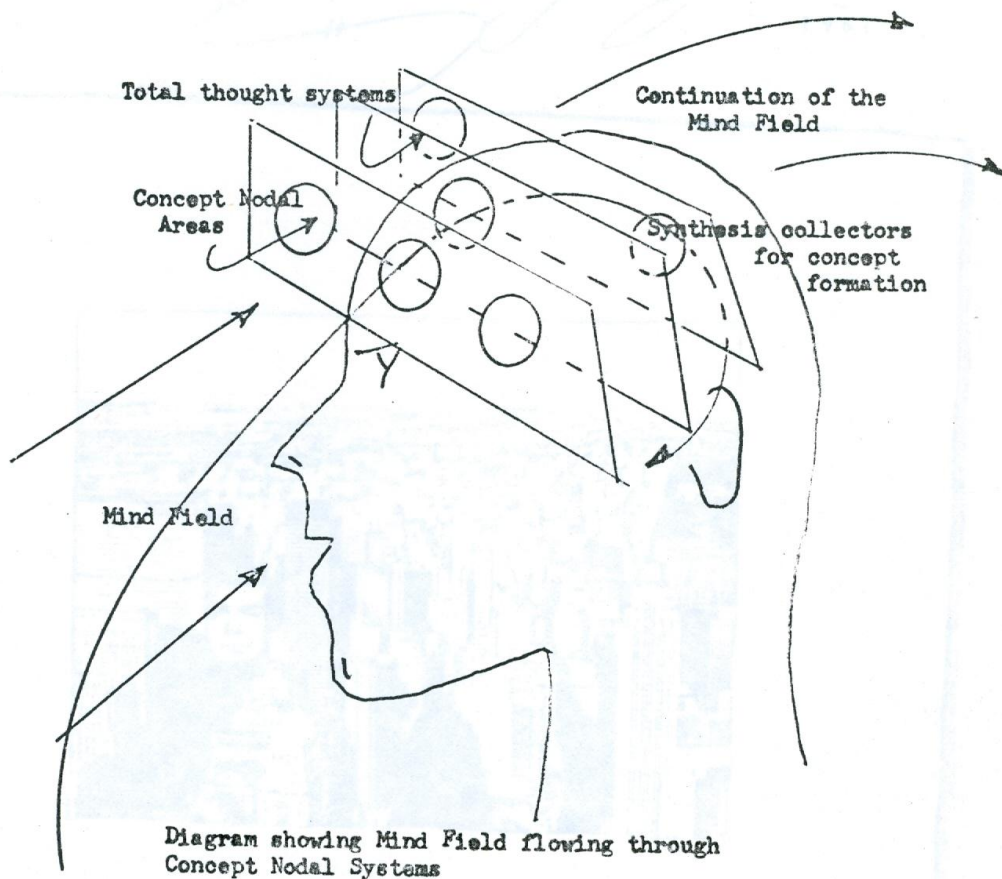
- 1) Too much data that could not be converted into usable information.
- 2) Data that was repetitive in its meaning.
- 3) Data not related to the problem.
- 4) Inability to ask the right questions or hear the right answers.

There is a real issue in converting data to information or data that can be used effectively. There is also a serious issue of how to justify costs to establish an information management section or division. Suffice it to say at this time that the ability to approach the knowledge intensive industry requires a different cost justification than say when ordering a physical plant system. Although automated equipment has a cost related to it, there can be no exact cost effectiveness when it is necessary to interpret the data for use within the corporation. This is a lesson that must be learned if our society is to become a successful information society.

To this end I have set up an Information Management Five Point Criterion for accessing data and converting it into information. These topics are to address the concept of an informed state, i.e., concept-formation. It is necessary to establish the priorities that exist with individual groups, as well as addressing the priorities which exist in the culture at large. It is apparent to me that a serious look at the structure of the information seeking behavior of existing institutions and corporations be understood from their accessing capabilities. ~ *End published paper.*

Soft Technology deals with the cybernetic interface of humans with their technology. There is less attention being given to the societal aspects of technology enhancement than there is for the labor saving aspects usually attributed to technology. The mind has presently created the capacity store data more than it has in designing mental models utilizing the data for planetary cooperation and understanding of the unique capabilities of mind in the universe. Ketamine demonstrates that there are interactions of energy occurring which are usually never addressed as meaningful to human understanding. The risks which are presently being taken with using earth's resources unwisely will eventually prevent any further life to occur.

Therefore, what underlying psychological forces are established which allows humanity to bring such indignations to his own kind? I can only feel that not enough people realize their true potential for correcting our present nuclear path and environmental mismanagement. Another aspect which developed, after watching 1984 Re-Visited was the fear that could be experienced if there was any use of a drug that affected the mind of the masses resulting in social incarceration. In my own mind I realize that ketamine has afforded me new mind constructs which indicate to me that consciousness resides in a force field which is channeled through the mind and also exists outside the mind. The diagram below was drawn on July 15, 1962 and I remember this drawing representing what I called a synthesis collector which I had added to a biographical sketch book titled "Reflections", which I was writing at that time. The continuity of the diagram strikes me as very interesting. Somehow I sense there is a unique passage of energy which comes to us from the universe and is all around us. It is the ketamine which is allowing me to see more of this universal energy.



June 11, 1983 - An Evening with Terrance McKenna -



Alien Luv with Terrance McKenna - <http://www.youtube.com/watch?v=16a-LweWbhA>

This evening I have attended a lecture by Terrence McKenna author of Invisible Landscapes: Hallucinogens and the I-Ching. It is being held at Shared Visions on 2512 San Pablo Ave., Berkeley, Ca. McKenna has uncovered some profound insights, as I came to find out, about this other world. It was the intonation in his voice which suggested to me his awareness has similar qualities to the ones I have been experiencing on Ketamine. The following are notes taken in long hand while listening to Terrence speak.

McKenna strongly believes the content of the experience with these mind altering substances should be looked at more closely. He was referring to: DMT, Tryptamines, and Ayahuasca. These substances are all in one family. Descriptions of these experiences are not assimilable to previous models promulgated before with other epistemological systems. He detects on another level a phenomenon that seems to be a disembodied intelligence. It is akin to the logos or information in dialogue or psycho-ponic, which is discovered in the psyche. He then asks the question to the audience; "Do you agree?" I did! He said voices seem to say or hark back to things outside the concerns of humanity. They come from a lost culture at the site of the close of Hellenism.

The Logos

This was a state in which guidance in the intellect was self-evident and correct. There was no need for ontological justification. Plato represented the analytical which eclipsed the Logos function and was lost. Then came Psilocin and Psilocybin which acted out this Logos function. The Logos was an alien intelligence. It was called ambiguous and strange or foreign and far away. The mental landscapes were becoming the mythos of our age. However, Psilocybin was the mythos of our age with flying saucers providing a saucerian quality to these new experiences. The content of the Psilocybin and the psychedelic were different.

Psychedelic:

1. Futuristic
2. The next Millennium
3. Images acting as information
4. Alien Intelligences
5. Cybernetic machines
6. Android Combinations

These drugs also illuminated the landscapes of Freud and Jung so as to resolve the complex psyche. The psychic mechanisms were vindicated by the phenomenon of LSD. However, Tryptamines are another thing altogether. It is not clear what they are. Explanations of these experiences are as such.

Tryptamines:

1. No reference
2. Other directed experiences
3. Perhaps it exists

4. A linguistic world

What is happening is a more perfect Logos is coming into being. It comes about as an extension of hearing into visuals without a quantized transition. It's the difference of hearing of it to the beholding of it. The Logos would then manifest perfectly. There is a release into a glossolalia or an assembly of hyper-thought. It requires a hyper-pruning of ordered thought. The experience causes a sense of something being invoked. It passes the phenomenon of language into some topological modality and an alien intelligence presents itself. It is very trans linguistic. It condenses the visible modalities into self-transforming machinery. A suffusion occurs. This alien intelligence is an experiment with psychic capabilities on the assembly language level. It's like a code or a language out of which all languages come from which is at a very deep level. If we look at it, it will be repeatable and the area I am studying is ethno-botanical. It is a mystery.

It is important to examine the content of the experience which is very hyper-intentional. We have to come to terms with aspects of what being human is. There can be no forbidden areas. Exploring the psychedelic dimensions is spun into the problems of death and faith. This aide is the side of the lesser light. With these experiences we have to have gratuitous graces, (Huxley).

The Harmala Alkaloids bring one close to the molecular levels of thought. One can experience the movement of one atom on a ring. The mind enters a molecular infusion. There are choices. Ketamine allows a flowing through the circuits as in some silicon culture and other choices exist where one throws away the machinery and tends the earth with Faustian vision. I prefer to be a monist so that there is no choice and I become a gnostic. It is here wisdom-depth-balance come together in a:

1. Space faring
2. Super-culture

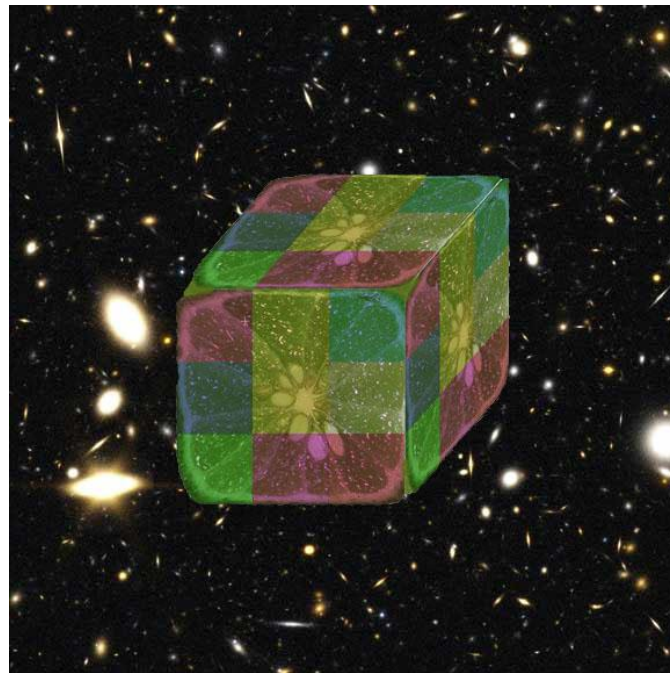
3. Intelligence and information move across the galaxy

Humans are unique. We are going to the stars but the body is going to take a lesser role than it is now. As a species there is too much of the monkey in us with fingers on the buttons. Dualism must also be looked at. Intuition must be cultivated and one could become a monotheist. I personally cannot see how to resolve it. To save the human race we must leave it then we can tend to it and cultivate it. Soon we will have a sharing of the imagination and we will communicate via synesthesia expressions. There is intelligence, a life form on the planet that acts as a "cosmic giggle".

A motive force is coming, an external force in movement and an internal force or a centrifugal internal propulsion which produces a forward motion. By placing mind outside of itself there will come a new kind of human modality. We have to learn the proper dynamics of human volition and alien intelligences.

June 17, 1983 11:15am S.F. CA (Reflections on Reflections)

It has become obvious to me that the mind is composed of resonant frequencies as a result of molecular interactions. The dissolving of space and time with Ketamine allows a new synesthesia of the world to come about. It is as if another dimension has been reached which provides a new understanding of consciousness within the total life force matrix. The writings which occurred on July 15, 1961 indicated this integrative awareness. Triggered by this writing I am also including a link to a paper which was written in May of 1970 dealing with a 4th Dimensional Theory of Electronic Music Composition.



Link: http://www.earthportals.com/Portal_Messenger/synthesizermusic.html

The ketamine experiences are showing that the mind can participate in an "Alternity" (Lilly). The mind is connected to the planetary mind field, "Psychosphere" (Reiser), and there is in fact a field of mind theory (Green) that pervades our consciousness. Wholeness and the Implicate Order (Bohm) takes on a new meaning when these "nested states" are seen and felt. The next awareness that the Ketamine provides is the observation that there are universal modulations of all these states of awareness which are governed by forces that comprise our universe. Scriabin's "lost Chord" was a mystical chord allowing passage into these worlds.

I see the limitations of words to fully realize and describe these states, however, this paper on The 4th Dimensional Theory of Electronic Music Composition came about by sensing the many different thought forms as a result of the vast array of frequency modulations that were initially obtained with the Buchala Synthesizer. Mort Subotnick, head of the electronic music department at the California Institute of the Art used to say to me when I was studying with him in 1971; "I can't teach you anything, you will have to find your own sounds". I further explored these sound dimensions with a Synthi AKS from the Electronic Music Studios of London. I

purchased the Synthi AKS in the Spring of 1972 and sold it back to Dr. Everett Hafner of the Electronic Music Studios of America in North Hampton, Mass. in September 1979. Since that time my research has been in Information Science under Dr. Anthony Debon's of the University of Pittsburgh and the phenomenon of how humans form concepts by which to interpret reality with Dr. Rolf Von Eckartsberg of Duquesne University.

June 17, 1983 San Francisco, CA Time 1:00pm

Presently I am on my way to Marine World to see Dr. John Lilly. To me this visit represents a further extension of my understanding of Ketamine. After reading the Scientist, I became aware of the extensive use of Ketamine that John Lilly administered to himself. My interest is to analyze the content of our conversation to see if our words can help further understand the other worlds and dimensions afforded by Ketamine. After the meeting I would have to say that words do not help very much. Dr. Lilly advised me to continue using Ketamine. He said that the solid state culture existed within the bone marrow. He was extremely tired as he excused himself to go to bed. I had the opportunity to have Jennifer play back some video tapes which showed John Kert, Toni Lilly and John Lilly instruct the dolphins to talk.

Our meeting was extremely short, and I was disappointed that Dr. Lilly did not offer more dialogue. However, if I am going to fully explore this other world I feel it is important to meet people personally to feel their own responses to this subject of psycho-active substances, nootropics, hallucinogens, entheogens, or psychedelics. John made the comment as he walked away that; "we are all one".

A sense of serious dialogue has taken place with Cynthia Palmer, cofounder of the Fitz Ludlow Memorial Library,

https://en.wikipedia.org/wiki/Fitz_Hugh_Ludlow_Memorial_Library

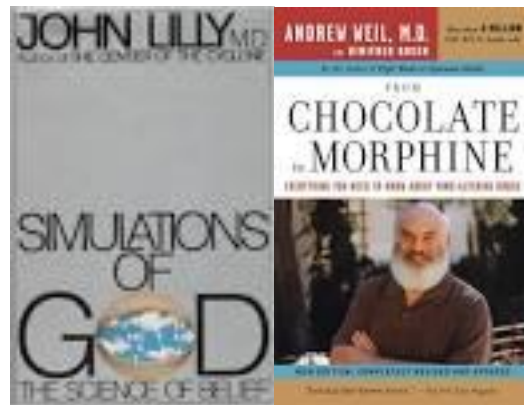
and Terrence McKenna.. Obviously, this is a very small percentage of the people actively engaged in this sort of study. Admittedly the experiences are difficult to describe and I must incur the responsibility to in some way reflect on these new mental landscapes. It is this area of shared representation of the potential of the mind in Universe that has captured my curiosity.

The life development of consciousness is to manifest ideas that provide further survival qualities to human existence. Each idea translates to a force vector of a psychic motive direction which will result in a illumination of perception. If these forces are strong enough I would suspect some transformation of enlightenment would take place. It is this aspect of Ketamine which can assuredly be utilized in all dialogues which have conflicting interpretations. Each thought can be approached from many directions, and all thoughts have a quality of "tensegrity" to them (Fuller).

June 23, 1983 60mg 3:05pm San Francisco CA (93rd injection)

To date there has been accomplished a great deal of reading and research and personal visits to continue the exploration of new ways of expanding consciousness with ketamine. After hearing Terrence McKenna at Shared Visions I have become interested in music in conjunction with Ketamine. Marcia Moore in her book Journey into the Bright World makes reference to cricket like sounds in her head. At the moment I have put on a cassette tape titled: Search for Tomorrow, recorded between

1978 and 1979 by the group Ether Ship with myself playing electronic synthesizer and electric organ. Presently I am reading Dr. John Lilly's, Simulations of God, and have read the ketamine accounts in Andrew Weil's new book, Chocolate to Morphine.

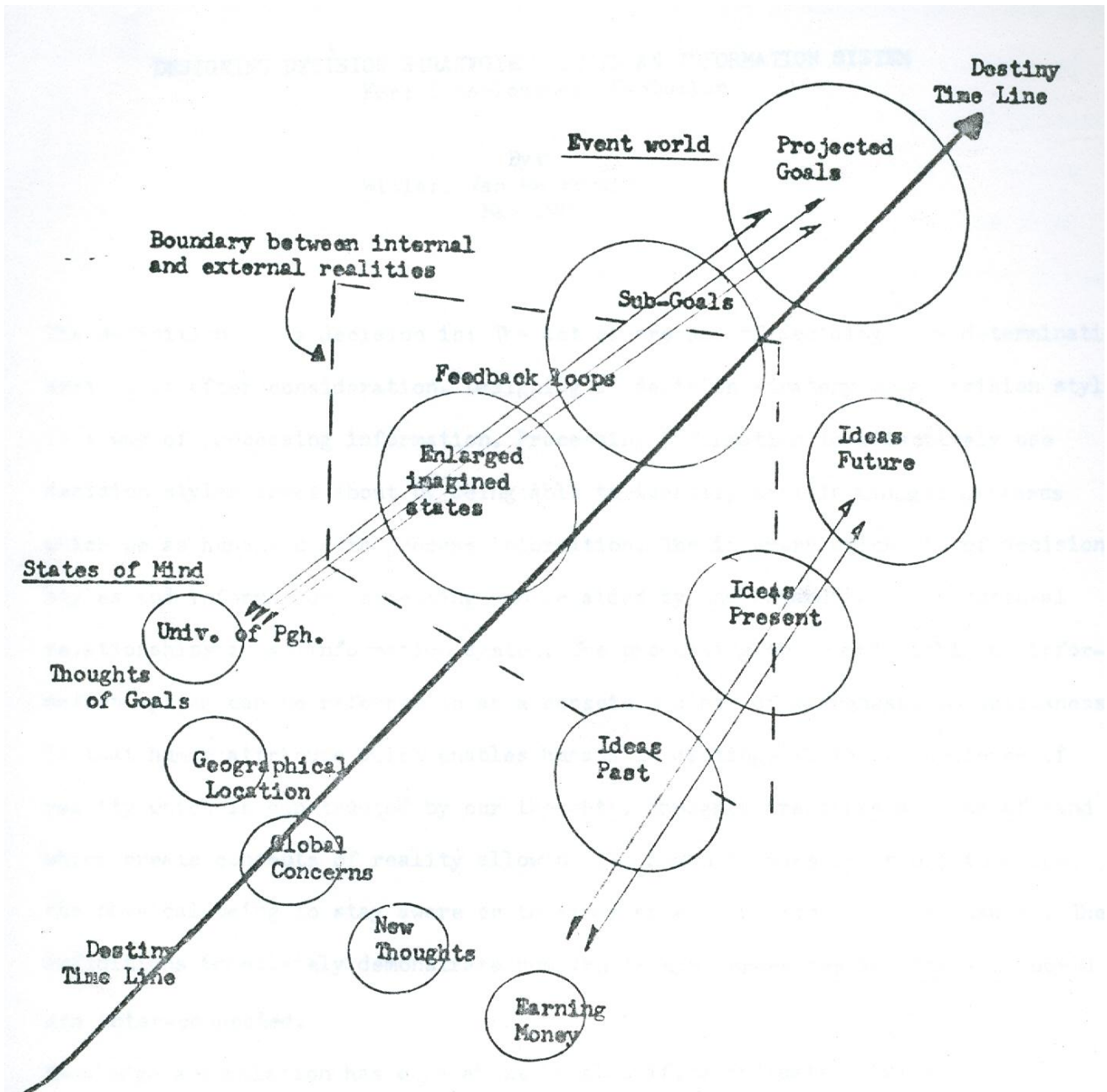


Presently it is very quiet. I did not work today so I am relaxed. I am thinking about the Pope's visit to Poland, the space shuttle, war in Central America and the evolution of the mind. It is now 3:10pm and I am still writing. I feel the effects of the ketamine but I am not beside myself as it were. In this experience I slowly became absorbed into all the thoughts I have been putting my mind through. At times it was difficult to determine which time frame I was in. I became aware of my presence in San Francisco as well as my presence in Pittsburgh, Pennsylvania. To date I have been in San Francisco this time around for 4 months where I have been finalizing the record company Ether Ship Productions which produced Pauline Anna Strom.



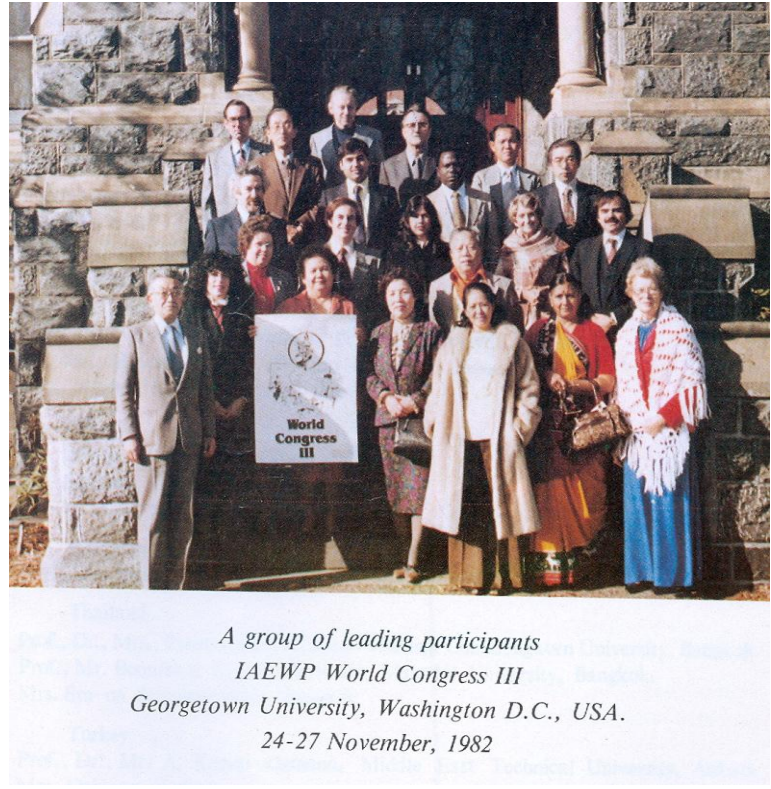
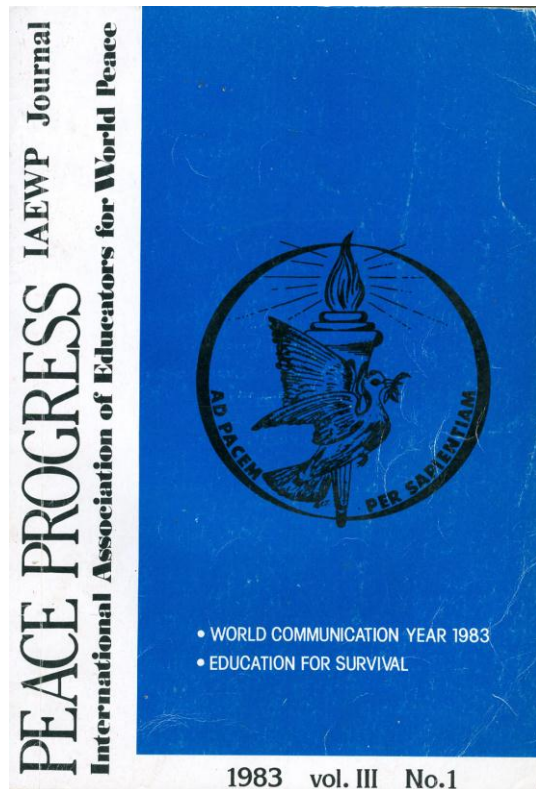
All of a sudden I realized how many places I have been and I felt the urge to resume my studies in Information Science at the University of Pittsburgh. The Ketamine research has opened my mind to many possibilities for personal self-actualization. As

I became more saturated with all the layers of my existence I left the house and went to the park and sat under the redwood trees. All I could hear were the sounds of nature and civilization. All the sounds became various frequencies, and I found myself asking If I could re-program what I was hearing, and if I did would I be in some other environment? I believe I am about to enter into some Very serious efforts with my own abilities. It is like trying to make the right match between the external and internal realities. The new physics has made a lot of reference to the fact that the observer and the observed are inextricably woven together. The inter-change that can occur within the mind believing in one reality and seeing another reality has caused a lot of attention in these new physics circles. I have attempted to draw a diagram pointing out my own sensed awareness to this reality. It essentially involves feedback loops to the mind. If the mind sees what it thinks then a whole new re-structuring of thinking will have to take place.



Phase Locking of Realities becoming more defined

The complexities which arise when confronted with a multiple system of thought patterns entails designing a new system by which to think about pluralities. Making a decision about which thought may trigger an entirely new reality has been addressed in a paper I wrote in May of 1982 titled: Designing Decision Strategies within an Information System for Conscious Evolution. The paper is added to this ketamine exploration for I feel the two are much related.



DESIGNING DECISION STRATEGIES WITHIN AN INFORMATION SYSTEM

FOR CONSCIOUSNESS EVOLUTION

Willard Van de Bogart (Dr., Mr.) President, Ether Ship Productions. USA

The scope of this presentation is to show educators how they can aid in the patterns that are associated with multiple modes of subject material and different levels within the material. There will be a live demonstration of the Matrix Transaction Exchange Computer Conferencing software package winner of the associated managers: Outstanding information Technology Award.

The definition for a decision is: The act or process of deciding or a determination arrived at after consideration. Designing a decision strategy or a decision style is a way of processing information. Processing information to effectively use decision styles comes about by being able to identify certain thought patterns which we as humans use to process information. The inter-relationship of decision styles and information processing can be aided by understanding the structural relationships in an information system. The processing component within an information system can be referred to as a conscious state of awareness. Consciousness is that human attribute which enables humans to distinguish their knowledge of reality which is constructed by our thoughts. Thoughts are those actions of mind which create concepts of reality allowing the human to make decisions to allow the physical being to stay aware or to

experience cognition or consciousness. These definitions immediately demonstrate how the thought processes and the real world are inter-connected.

Knowledge accumulation has come about by classifying and categorizing external reality and the communication of that knowledge by language is further classified in terms of semantics and syntactical relationships. If knowledge were solely indexed and ordered so that there existed no inter-responsive systems of reality then mankind would of never developed unified field concepts or synthesis concepts. Each system of thought has what I call "cross boundary syndromes" or a "genetics of information development". As growth occurs there also emerges a new sense of order. This paper will show how this whole order can be made understandable through the use and devising of new word symbols which help us to communicate not only different systems of thought but also different levels in each system.

In a world where there exists many paradigms and ways of thinking it is essential for mankind to develop an awareness of how the divergences, and differences of applied knowledge inter-relate and intersect. Since there are so many interpretations of reality based on initial orientations within specific disciplines it is also necessary to demonstrate transfer-functions or inter-dependent variables which bind the many avenues of our thinking. Therefore, it is paramount we develop new ways to comprehend these divergences and to that end an information system proves useful. Furthermore, as we use more developed models to map the terrain of our consciousness we have to devise an approach to make decisions which take into account the entirety of the multiple systems.

The question I want to pose is how we develop transfer-functions that run through divergent points of view. In our acts of communication one factor which is important is to determine at what development level a person has constructed his/her order of reality.

Example 1.

Causality:

One-way causal

Two things cannot cause each other. Cause effect relations may be deterministic or probabilistic (conditional probability)

Random process

Each event is independent and has its own probability. Non-random patterns and structures are improbable, and tend to decay.

Mutual causal

Many things may cause one another. There are many causal loops in the universe. Mutual causal processes can generate and maintain patterns, such as evolution and morphogenesis.

Cosmology:

One way causal.

Predetermined or almost predetermined universe.

Random Process

Decaying universe.

Mutual causal

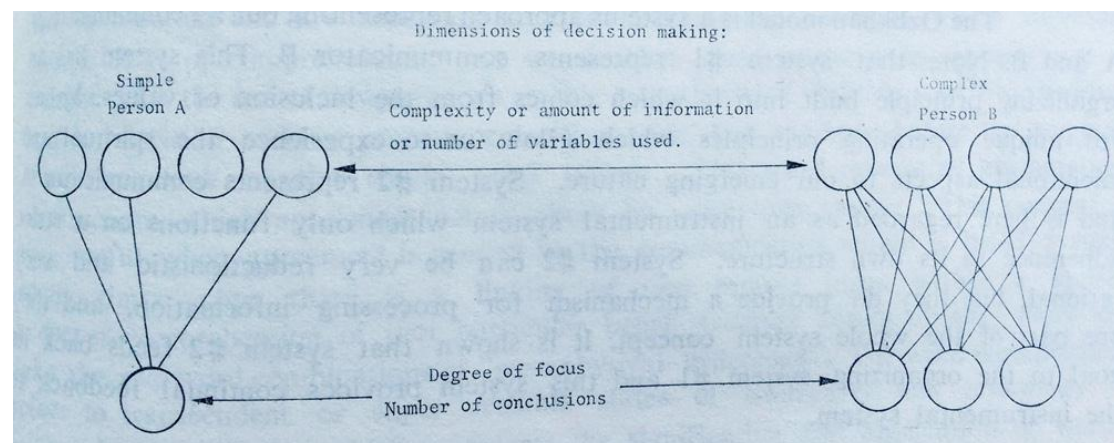
Self-generating and self-organizing universe.

In these #2 examples' let's assume that in an interactive communications act the sender was constructing an order of reality from a predetermined point of view, and the receiver was developed according to a self-generating point of view. Naturally much confusion or difference would ensue due to the belief systems being premised differently.

Therefore, how does this difference resolve itself within a decision environment?
Let's look at how these two paradigms can be represented. Example2:

Ref. Example 1. Dr. Magoroh Maruyama, System Sciences, Portland State Univ.

Example 2:

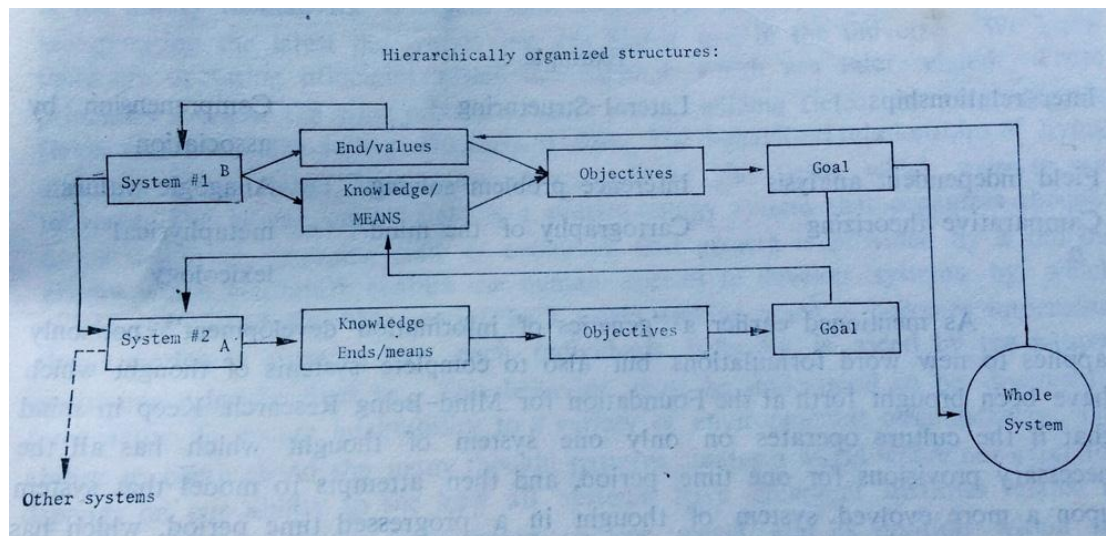


It is shown that person A is using a deterministic approach or an isolating approach and person B is using the contextual or poly-ocular approach. The information which A is receiving is based on a pre-set system and B has developed several systems by which to make a decision. However, if both A and B were to employ a new organizing principle based on general systems theorizing each would find an opportunity to see relationships among the various data entries which comprise the point of view each is operating from. From a general systems approach it has been shown that our universe is holonomic in nature and not strictly hierarchical in nature. However, each system has its own hierarchy within a whole systems framework.

Ref. Example 2. Dr. Phillip L. Hunsaker School of Business Administration, University of San Diego

Example 3.

Ref. Example 3. Dr. Ozbekhan Mgt. and Behavioral Science Center University of Pennsylvania



The Ozbekhan model is a systems approach representing our #2 communicators A and B. Note that system #1 represents communicator B. This system has an organizing principle built into it which comes from the inclusion of values. Values are unique operating principles which allow us to experience the spiritual and intentional aspects to our emerging nature. System #2 represents communicator A and is here regarded as an instrumental system which only functions on a strict adherence to its own structure. System #2 can be very reductionist and very rational, but they do provide a mechanism for processing information, and they are part of the whole system concept. It is shown that system #2 feeds back its goal to the organizing 'system #1 and this system provides continual feedback to the instrumental system.

In order to have both systems understood by each respective communicator It IS necessary to develop junction points whereby a dialogue can develop. In these information systems it is shown that the goal outcome of each system is fed back to the other system for a continual monitoring of the processing of the data. This whole system approach has a built in feedback loop to provide data about the effectiveness of the "flow through" system of knowledge.

What can be learned from these approaches in light of existing insights to present day knowledge accumulation? Furthermore, what systems have been developed to date to account for increased knowledge accumulation? The answers to these questions I will limit to new concepts in linguistics. As our species move forward in time we are constantly organizing our language to symbolize our field of vision. What these new linguistic formulation do is encapsulate disparate clusters of information into new whole systems representation.

Example:

Inter relationships Lateral-Structuring Comprehension by association

Field independent analysis Inference problem solving Anagogic values

As mentioned earlier a "genetics of information development" not only applies to new word formulations but also to complete systems of thought which have been brought forth at the Foundation for Mind-Being Research. Keep in mind that if the culture operates on only one system of thought which has all the necessary provisions for one time period, and then attempts to model that system upon a more evolved system of thought in a progressed time period, which has more informed states of awareness, then a retardation effect would ensue.

Let's single out a few of the word combinations to gain a sense of their ability to encapsulate information for new wholes to emerge. Word clusters provide new information and are necessary to form illuminating concepts which represent another level of comprehension. As we develop word patterns or re-orderings of thought with the use of language we enable a synthesis of data bits to be absorbed into our decision making process or decision style. For example, before we combine words let's look at the single word "synesis". This word represents grammatical constructions which agreement comes about by sense over syntax. This concept is very useful when agreement is needed in the communication within a belief system. Many times when there is a linking of two remote ideas within a system a deeper comprehension of that particular belief structure comes about. Now let's take the two word combinations of "metaphysical-lexicology". The word metaphysical refers to transcendent or super sensible states of awareness and lexicology is a branch of linguistics which represents the signification and application of words. The combination of these two words into a meaningful whole is a syntactical approach to words or the formal relations of words. The joining of words is the ability to create with thought which in turn produces visions of new orders of reality. If we take the two words "comparative theorizing" we have a whole order representation of multiple states of specific disciplines of knowledge. In our endeavors to model consciousness several other combinations have resulted such as "cartography of the mind" pioneered by Dr. Rolf Von Eckartsberg of Duquesne University. Finally, what approach is necessary to provide an infrastructure or agreement within disparate information systems or in belief systems?

We must ask ourselves from where did the belief system begin, or how it was obtained, and to what end or goal the system is striving for. Today new tools are constantly being created to store information and to retrieve information for the purpose of solving problems and making decisions. Consciousness evolution is the ability to map the emergent structures which provide new thoughts that are incorporating the latest discoveries on this planet and in the universe. We know there are operating principles within the universe which are inter-related. These principles are also the same principles which are the guiding fields, or morphogenetic fields that allow life to have the form it does. The behavioral relationships of living and non-living things have been determined by the fields which exist in our universe. The human energy field is a radiant energy system that organizes thought forms within an emerging state of evolution. Our growth is provided by a radiant energy which constantly enables the human species to develop systems by which to observe and change this energy. In a world seeking peace it becomes imperative that attention is given to how each individual's behavior is aided by the natural environment he/she lives in. This behavior must be understood to be divergently inter-active to ensure

adaptability to a variety of environmental circumstances. The ability to comprehend the many thought patterns creates a world where our evolution depends on our ability to see how all systems have emergent qualities related to a higher and more subtle relationship to our world and its position within the universe.