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THE ONE HUMAN PROBLEM, ITS SOLUTION, AND ITS RELATION TO UFO PHENOMENA

January 3, 1977

Thomas E. Bearden

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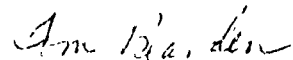
Dear Ms. Healy:

I am enclosing two additional reports which I would appreciate your placing in the DDC system if possible. I believe these reports contain information on the very forefront of science and philosophy.

This letter of course constitutes permission to publish the reports.

Your courtesy and consideration is most appreciated, and I hope you had a marvelous holiday season.

Sincerely,



Thomas E. Bearden
Research Scientist
MS Nuclear Engineering

2 incs

1. The One Human Problem, Its Solution, and Its Relation to UFO Phenomena
2. Solution of the Fundamental Problem of Quantum Mechanics

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) The author divides development of life in a biosphere into seven stages: (1) development of planet, primordial atmosphere and ocean; (2) appearance of amino acids; (3) appearance of self-replicating supermolecules; (4) formation of one-celled organisms; (5) formation of multicellular organisms; (6) brain linkage of an intelligent technological species; (7) the omega or allness stage. Two types of biological behavior control are advanced: genetically programmed (rigid, nonadaptive) and genetically unprogrammed (adaptive, learned). (Cont'd)		

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Block 19. (Continued) hyperchannel effect, hyperframes, inception, infrared, intelligence, Jungian psychology, life, light, linked brains, many-worlds interpretation of quantum mechanics, mass, materialization, memory, metaphysics, mind, mind/body problem, neurosis, nontechnological species, orthogonal frames, orthorotation, perception, personality, psychic phenomena, psychology, psychotronics, psi, psychokinesis, quantum physics, relativity, reality, spacetime, species, spirit, stages of evolution, technological species, telepathy, time, tobiscope, tulpa, ultraviolet, unidentified flying objects.

Block 20. (Continued). Intelligence is viewed as the ability to adapt behavior, and represents a decrease in the portion of behavior control that is genetically programmed or "hard-wired." Two types of intelligent species are recognized: technological (possessing a tool-using member) and nontechnological (without a tool-using member). Man is thus a fifth-stage, technological species.

The intelligent technological species, being relatively deprogrammed, is highly adaptive and competitive, and many of its species-specific checks and balances are reduced or eliminated. By adapting tools in its own internal competition, the technological species continually increases its own internal competitive deadliness. The species is thus a self-killer and carries the seeds of its own destruction because of its intelligence and use of tools. It will eventually destroy itself unless it advances to the sixth stage.

→ The sixth stage consists of linkage of all individual brains in the species into one single superbrain. Thus a superbeing having absolute control of space and time results. It requires a technological species to accomplish linkage, resulting in a multidimensional, eventually nonphysical superbeing. When technology is sufficiently advanced for linkage to be developed, the power of the species' tools is so great that its own self-destruction is imminent. Thus an advanced technological civilization is near linkage or Armageddon, and in either case it vanishes as a limited three-dimensional species of the fifth stage. This accounts for the notable absence of technological species such as man in the observed universe.

→ The author presents a quantitative argument for the existence of sixth-stage beings. Granted the existence of one, the existence of others follows. The UFO phenomena are consistent with the hypothesis that a sixth-stage superbeing is stimulating the deep collective unconscious of humanity in preparation for the eventual linkage of man into a single superbeing at the sixth-stage level.

→ A calculation is given which indicates that linkage results in exponential increase of such effects as psychokinesis (literally, of inception of intent onto ordinary spacetime) so that the superbeing gains absolute mastery over spacetime and physical dimensionality.

A brief sketch of how to develop a psychotronic brain link is given, and the automatic establishment of a hyperchannel link when sufficient brains are psychotronically linked is pointed out.

This paper is one of a series by the author which attempts to unite physics and metaphysics on a single common basis, based on the addition of a fourth law of logic and connection to Everett's many-worlds interpretation of quantum mechanics.

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Foreword

In 1976 several events occurred which may yet significantly influence the progress of science, scientific procedure, and the content of science. First, Jimmy Carter was elected President of the United States -- and so in 1977 the U.S. will have as its president a nuclear engineer/farmer who has personally seen an unidentified flying object in the presence of multiple witnesses, and who accordingly can vouch for the fact that it is not kooks, frauds, and charlatans who are seeing unusual and paranormal phenomena in the skies, but ordinary, sober, intelligent, levelheaded citizens of stable mind and mien. Further, he is himself sufficiently qualified in scientific discipline to recognize that what he saw was beyond the pale of ordinary phenomena and present-day scientific knowledge. And in an interview with the National Enquirer prior to his election, Candidate Carter stated that should he be elected he would order the release of all governmental information on UFO's. Second, the slightly sanitized Project Bluebook files were released by the U.S. Government. At this writing, leading UFO researchers -- such as Dr. Allen Hynek -- are poring through this mass of information, and digest articles of the pertinent features of Project Bluebook investigation and information can be expected shortly. Even though the methodology used in the Project's investigations left a great deal to be desired, the material does constitute a goldmine that will contain some information difficult to refute. Third, very quietly and without fanfare, much of the restriction formerly placed on UFO sightings has apparently been lifted. The North American Air Defense Command, e.g., confirmed for the first time publicly that its radars had tracked UFO's for several hours and jet interceptors had been scrambled to attempt to intercept the objects themselves. Fourth, other prominent Americans continued to reveal either their own sightings of UFO's or their direct personal knowledge of sightings by NASA and the Armed Forces; e.g., Walter Cronkite reported in an interview by the National Enquirer that during his coverage of NASA space operations, the astronauts had sighted UFO's and reported the sightings in their communications which he, Walter Cronkite, was monitoring.

Thus it appears probable that those dogmatic critics who have unreasonably blocked scientific investigation of UFO phenomena will at long last be muted -- and hopefully even muzzled -- during 1977. In any strange new area of scientific endeavor, three stages are met: (1) the "snicker" stage, when guffaws and horselaughs greet the awkward and faltering attempts to initially come to grips with the problem, (2) the begrudging acceptance stage, when the evidence has become so overwhelming that no sane person can any longer ignore it, and (3) the nonchalant stage, when the attitude communicated is "Of course we knew all about that all along!" So after some thirty years of the snicker stage, there is finally hope that we are at least beginning to move toward the stage of begrudging acceptance.

And there is very real reason for excitement at this slow progress toward lessening the implacable opposition of scientific management to the study of UFO phenomena. What is being exhibited in this worldwide phenomenon is something totally beyond our present scientific knowledge. For the first 25 years of study on the phenomenon, most "respectable" UFO researchers were either knowingly or unknowingly engaged in an attempt to prove that the phenomena were due to contacts with advanced extraterrestrial scientific cultures. And consciously or unconsciously,

study of the phenomena was centralized around this pattern in a strong and sustained attempt to forcefit the data to the idea. Only within the last five or six years has it become increasingly apparent that this naïve explanation simply will not fit the phenomena exhibited. To researchers such as Keel and Constable and Vallee, the relation of the UFO phenomena to other aspects of man were realized fairly early on, and their efforts in the face of both orthodox science and the established UFO organizations are examples of what it has taken to highlight those additional and uncomfortable aspects of UFO's that most Cartesian thinkers would prefer not to examine or even notice. Men such as Hynek, Vallee, Constable, and Keel are due some special niche in the Hall of Fame of the New Science that will be born before the enigma of the UFO phenomenon is solved. There are of course others as well, but these examples suffice to carry the intent of the observation.

But one thing the UFO phenomenon is not: It is specifically not due to a group of young stalwarts in an advanced civilization on Planet X of the star Sirius or otherwise, getting liquored up on a weekend, and hopping into the old space jalopy, motoring over to Planet Earth, and jollyng the natives.

For some twelve years the present author has been laboring with some diligence in an attempt to at least sketch out the outline of the new science that is necessary before paranormal phenomena -- including ESP, UFO's, psychokinesis, etc -- can be comprehended. This search has led to some most unusual and unexpected corners of human thought and knowledge -- and experience as well. But a consistent pattern has been found, albeit a pattern so strange that the unprepared mind is prone to recoil in dismay or even fear at the vista of reality that emerges. Nonetheless, the pattern can be put into the language of physics -- specifically, it can be united with Everett's many-worlds interpretation of quantum mechanics -- and metaphysics and physics combined into a single consistent, scientific system. And in that system a solution to the UFO problem emerges -- a strange, bewildering, awesome solution that is a direct parallel in one sense to the Book of Revelations and to many of the great religious prophecies. Nonetheless, the scientific correlate exists, and from the pattern a single human problem is highlighted and its solution is technically possible. And from the nature of that solitary human problem and its solution, the UFO phenomena take on a startlingly new interpretation.

In "An Approach to Understanding Psychotronics," the author has already presented an outline for the solution to the UFO phenomenon and the physics of that solution as well. In this present paper the author presents the human problem and its solution that fits the physics previously derived, and sketches out the unexpected nature and purpose of the UFO phenomena in accord with that solution.

Reality is holographic, not Cartesian cubic. Jung's collective unconscious is on the way to acquiring a collective conscious mind -- one single superconscious mind, rather than the billions of fragmented individual mancell minds it presently possesses. This paper sketches out the nature of that acquisition, and the Appendix contains the proof that the process results in a multidimensional superbeing having absolute control over, and transcendence of, ordinary time and space. Two hundred million year old bare human footprints in solid sandstone and six hundred million year old human sandal prints in solid rock bare witness to the fact that we are not the first cycle of man that has followed this development process on Planet Earth.

Indeed Man shall reach the stars -- but in a manner undreamed of in his present wildest imagination. And indeed there are stranger things in ultimate reality than are dreamed of in our philosophies.

Thomas E. Bearden

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The evolution of a life-bearing planet may be divided into stages, the first five of which are: (1) The formation of the planet itself and some billions of years of cooling, so that a primordial atmosphere and ocean are gradually evolved; (2) The fomenting of amino acid structures in the violent convulsions of the primeval sea and planet; (3) The formation of the self-replicating supermolecules, DNA and RNA; (4) The formation of one-celled organisms; (5) The formation of multicellular organisms. At the upper end of the fifth stage of evolution, the intelligent mobiles emerge, as do eventually tool-using intelligent mobiles. This is the level on which man finds himself on the planet Earth.

What are actually evolving are competing control systems, and their natural competition for control surgically excises the less competitive.

An organism uses two basic mechanisms to control its behavior; one type's genetically programmed and the other is genetically unprogrammed. Thus one control mode is nonadaptive and one is adaptive or learned. That fraction that is unprogrammed is available for experiential or learned programming.

Now intelligence may be viewed as the ability to adapt behavior; e.g., to use tools. Thus an increase in intelligence represents a decrease in the portion of behavior control that is genetically programmed or "hard-wired," and a corresponding increase in the unprogrammed portion of behavior control that is available for adaptive learning.

Each organism must possess a mixture of both types of control. If it were completely programmed, it could not make any change at all in its responses to external stimuli, and random environmental changes would quickly present it with death-dealing stimuli not in its genetic catalogue. On the other hand, if the organism were completely deprogrammed, it also would be quickly destroyed. Adaptive behavior must be learned by trial and error, and fatal errors (e.g., forgetting to beat the heart) would occur frequently unless there were many preprogrammed responses.

Variations, mutations, and natural selection result in the different species having differing ratios of programmed versus deprogrammed behavior control. A "more intelligent" species is simply one which possesses more deprogrammed control and less programmed control. E.g., on earth, Man is the species of land mammal possessing the least programmed control and the most unprogrammed control.

Eventually, one or more species will deprogram significantly and become extremely adaptive; i.e., highly intelligent. But if this species does not possess a highly manipulative body member, its use of external physical tools will be limited or nonexistent and it will remain nontechnological. Examples of such earth species are the bottlenosed dolphin and the killer whale. However, if the species has a highly manipulative body part, it can readily adapt external tools. It is then inherently technological and its tool-using abilities will continue to develop due to its "intelligence" or adaptive ability. The use of tools intervenes in the statistics of survivability, and itself becomes an evolutionary determinant. I.e., tool-using skill becomes a survival trait and a selection mechanism for the species. Man is such a technological species on planet Earth.

With the development of clothing, fire, and fabricated shelter, the technological species will become less environmentally limited. Further, it will become dominant over all other species because of the increasing power of its tools. Its "tool-teeth" will eventually be sharper than any other animal's teeth; its "tool-muscles" will be stronger; its "tool-feet" faster. The technological species will dominate its biosphere, and as its natural enemies are overcome, its numbers will dramatically increase. But ironically, its developing technology causes it to accelerate toward its own destruction.

When programmed animals fight for territory, females, or food, the "fight" is usually conducted in a rigidly stylized manner if within the same species. The victor rarely kills or seriously wounds the vanquished because the victor is programmed to stop fighting when the loser retreats or yields. This is not from benevolence, but from programming. However, the deprogrammed animal is not rigidly hardwired to relent when it defeats another member of its own species, and it will very often kill the loser. Being highly adaptive, it can and does adapt a much greater variety of reasons for killing into its competition. To its own species, the deprogrammed, intelligent, technological species is a self-competitor and a self-killer. Since its ability to compete is a function of its developing technology, its internal competition thus is increasing. Technology feeds back to increase its own rate of development, and thus the species conflict has positive feedback. Viewed as a servomechanistic complex, the technological species is actually out of control, highly unstable, and it is headed pell-mell exponentially toward resonance and biospheric explosion. Unless its servoamplifier gain and competitive positive feedback can be dampened, the technological species will catastrophically expire.

But the significant reduction of adaptive, deprogrammed behavior would constitute the loss of intelligence per se and would be a giant step backward in evolution. Genetically there is no return for the deprogrammed technological species, which has crossed a one-way threshold in evolution. The species will go into destructive resonance and explode within perhaps tens of years, while evolutionary changes to genetically re-introduce behavior control would require hundreds of thousands or even millions of years. The natural evolution of Man is finished now, within the lifetime of the average reader. The fifth stage of planetary evolution of life is the final stage of evolution by natural selection.

Thus, any "next step" in evolution must be taken technologically by the species itself if it is to be taken at all. Any such step to a sixth stage of evolution must paradoxically involve the reimposition of positive internal control, somehow without giving up genetic deprogramming. The fact that rigid and foolproof control must be established to eliminate destructive competition, while at the same time genetic control must remain relinquished if intelligence is to be retained, is the precise, contradictory, solitary human problem. It is this hard nut that all systems, organizations, governments, societies, sciences, theorists, religious leaders, meglomaniacs, dictators, pontificators, and well-meaning but ignorant visionaries and humanitarians have failed to chew and swallow since time immemorial. The usual solution advanced is this. "If everyone would just be a perfect citizen, behave ideally, and love and help everyone else always, then the problem would be solved."

Any fool will agree with that; the proposition is incredibly naive and a tautology. The question is, "How, pray tell, can one get all persons to be perfect?" Law, logic, philosophy, creed, religion, practice, love, sacrifice, money, the ballot, and the bullet -- all of these have empirically proven that they cannot solve the human problem for all humanity. Since none of the solutions advanced to date can solve the problem, we must discard them all and search for a new approach.

And a Teilhardian solution indeed emerges if one ponders diligently. The solution can be synthesized into two parts: each individual human must possess an internal mechanism for generating appropriate limits to personal behavior, and there must exist a totally reliable external process to implant or induce the internal mechanism. And one would also hope for the "maximum individual freedom within the constraints of minimum essential inter-individual control."

The only viable solution is to link the brains of all men into one giant superbrain. It is the entire species which has been developing, and it is the entire species which now must be linked into one superbeing. Jung's collective unconscious must acquire a single integrated consciousness, instead of the fragmented billions it now possesses. Each man must function individually within its own sphere, but in interman harmony under the control of a single linked-species nervous system.

This linkage must be accomplished technologically by creating and installing a system of direct communication links between all men's individual brains. A most curious phenomenon occurs whenever two nervous system brains are directly linked together so that each can perceive no temporal delay between the two; the beings, egos, and personalities of the two brains integrate and merge into one being, one ego, and one personality. Thus linkage admirably ends the destructive competition between the formerly separated brains.

E.g., suppose you and I have linked our brains. If I am you and you are me, then "we" shall find it impossible to disadvantage "each other" since "we" and "each other" no longer exist. I.e., only one "I" remains in the two linked brains, integrated in both of them. So the "one" cannot kill the "other" because no "other" any longer separately exists.

In fact, absolute proof of the "single-being" identity of two linked brains unequivocally exists. The human brain (cerebrum) is composed of left and right hemispheres, completely separated except for a thick connecting cable of nerve fibers called the corpus callosum. Essentially the left cerebral hemisphere controls the right side of the body and the right cerebral hemisphere controls the left side of the body. With two brains in charge, one half (usually the left) almost always dominates, and each of the two halves specializes. However, signals from one half are immediately transmitted to the second half, preventing the second half from detecting any difference or time delay between itself and the primary half. I.e., the second half gets an immediate "wiggle" and perceives that it, the second half, originated the wiggle. When consciousness can perceive no difference, identity results, just as separate movie frames appear continuous (each two appear one) when flashed at 22 frames per second. Thus in one's own body, two brains are integrated into one functional brain and one perceptual personality. There is no conscious separation of the two brain hemispherical perceptions, and one consciously is aware of only one being or continuity, himself. In humans whose corpus callosa have been severed, the two brains exhibit separate consciousnesses and separate "personalities."

If one holds up both hands and observes them, one is perfectly aware that there are two separate hands, but is only aware of one being to whom the hands belong, even though each hand is being controlled by a different cerebral hemisphere. Two complete human brains linked together would experience something analogous. There would be complete awareness of two separate bodies, but awareness of only one being to whom the bodies belonged. The linked being in two bodies would be aware of a "right body" and a "left body" just as one human now has a sense of a right hand and a left hand.

Linkage is a straightforward technical problem. It is a problem of great magnitude, but it is within the reach of technology to solve it. E.g., work on biological radio communication has been underway in the Soviet Union some fifty years or more, and direct mind-to-mind linkage has probably been achieved, as reported by Kazhinskiy, Lisitsyn, and others. As early as 1939-1940, the Soviets were experimenting with telepathic induction through, or modulated upon, an electromagnetic signal, directly from mind to mind, or from nervous system to nervous system. These experiments found the concomitant interception by the nervous system of one animal of bio-radiation waves emitted by the organism of another animal or man, and the conscious or unconscious analysis and synthesis in the receiver's brain of the stimulating signals. The Russian work revealed the transfer and intercept of bio-electromagnetic and bio-radiation waves accompanying every thought process. Animal and human experiments clearly demonstrated that biofield inception from two or more minds may be cyborged, even in the mind and body of one person or one animal, just as the two hemispheres of the human cerebrum are presently cyborged in one human brain. The biofield wavelengths emitted by the human nervous system were determined to be within 1.8 - 2.1 mm. An electromagnetic theory of brain activity that incorporated direct unconscious brain connection was developed. The use of hysteresis concepts was invoked. Hysteresis is a lag effect, i.e., an action followed by a time delay, followed by a reaction. This is precisely the type reaction one would need for subliminal brain communication. Memory was theorized in this manner, to pursue interrogation of it directly and unconsciously. After all, that is what a normal brain does anyway, when it recalls something from memory. Not only was it possible to induct images and sensations from one brain to another at a distance, but it was also possible to artificially postpone the emergence of mental images and sensations, received by the percipient, to a predetermined moment. The received information first formed subconsciously. A process of subliminal probing was worked out, and how this can be done brain-to-brain was theoretically explained.

In sophisticated EEG signals, the purely informational part was isolated and the brain was viewed as communicating with itself holographically. 23 EEG rhythms were worked out and experimentally fitted formulas developed. Frequency ranges were tabulated, along with the complete EEG frequency scheme. The frequencies extend up to 8.1×10^{20} hertz, an incredibly high frequency. This wavelength is in the neighborhood of 4×10^{-13} meters, which is less than three orders of magnitude from the Fermi length, 10^{-15} meters. Thus the brain exhibits frequencies that can slightly interact with the strange, noncausal world of quantum physics. This directly suggests the operational connection of thought and consciousness with quantum events (i.e., it suggests inception and psychokinesis). In fact, if quantum geometrodynamics and the many-worlds interpretation of quantum mechanics are correct, a direct mechanism for psychotronics is indicated. Eleven EEG rhythms had nonmultiple

frequencies and appeared as independent oscillating processes. The biological code of the EEG signals was of prime interest, and the number of digits of the code was found not to exceed 44.

In evolution, perhaps the human population had its own genetic language phonemes and each distinctly separated population developed its own language superimposed upon them. If this premise is indeed true, then the often striking use of a word or its close derivative to mean the same thing in widely separated cultures has an underlying genetic explanation. The demonstrated ability of two minds to telepathically communicate, even though the two humans speak sharply different languages, could also then be explained. From the viewpoint of this genetic language code hypothesis, the Soviet work on 44 EEG code digits or less is of fundamental importance. It may only require 11-23 channels and a 44-digit code to directly link human brains. And this could be determined in animal experiments in communicating through a severed corpus callosum to its connected brain half. It also appears that the Soviets either have broken the 44-digit code or are very close to it. Thus one can surmise that either direct brain-to-brain linkage can already be accomplished, or that capability is imminent. It is exciting to visualize the rapid, short-term development of a brain linkage system using, say, scanning skullcaps mounted on the head, centrally connected by a biowave-modulated, electromagnetic datalink system. Sixth-stage brain-to-brain linkage may already be emerging as these words are written.

Once the species is linked, the problems that man causes man simply vanish. All of these problems depend upon the conscious differentiation of being between two individuals, and this differentiation no longer exists. A single integrated being does not rob, cheat, hurt, kill, or abuse himself or any of his body cells.

The needs of each individual mancell in the linked species are constantly attended to. This is indeed absolute and perfect democracy; not only is each mancell participating in his government, he is his government! Selfishness, greed, hate, prejudice, discrimination, murder -- all have simply disappeared. One does not hate himself; one cannot be selfish except with respect to another, and no separate "other" now exists. One does not discriminate against himself or part of himself; one is not prejudiced against himself, etc. The standard of living is automatically far higher; there is no loss to crime, waste, and duplication. Poverty, war, crime, hunger, fear, intolerance, and misery are gone. All the problems that man causes man disappear because mancell no longer causes them to mancell.

Another immediate advantage of linkage is personal immortality. The personality is totally operational, and it can be totally recorded on physical media. Indeed, it is exactly so recorded on and in the physical nervous system "medium" of the body itself. And in the linked species, it is recorded numerous times, holographically throughout the entire species nervous system. Death of a particular physical body is of no more consequence than the death of an individual body cell or brain cell is to a present human being. No personality, experience, memory, or feeling is ever lost! If desired, a new body of exactly the same type (e.g., a clone) can be "reoccupied" by reactivating the "personality recording" and installing it. This already happens each time one reawakens from unconsciousness or coma. Giant banks of brains for the superorganism would be practical. Specialized mancells and nonman-cells for every conceivable task and purpose would be genetically engineered. Nature organizes; that is the master plan, and the linked technological species represents master organization.

The gigantic expansion of consciousness and intelligence is indescribable. Any mancell can recall anything from total linked memory and think it directly, complete with all its shadings and ramifications. The consciousness, intelligence, knowledge, and memory of the entire species are in each mancell and directly available to it. E.g., by linking only two monocular retinal patterns in the brain, binocular vision and the third dimension are gained. Can the fantastic dimensionality of linkage of even 1,000 perceptions of the same concept or idea be imagined? With linkage, insight is immediate and unbelievably multidimensional. The entire capability and dimensionality of the species is brought to bear, and such insight is incomprehensible to our present understanding.

Now the entire theory behind psychotherapy is for the patient to gain insight into his personal "hangups," repressions, etc. With total insight, all psychological problems are resolved. Rapidly the linked species becomes totally sane, something which has never before existed for mankind. Insanity and severe neurosis no longer develop because the insight is always available in the first place. The thousands of harmful games humans play on, against, and to each other no longer exist. The species-wide insight and identity result in the loss of all ideological and dogmatic absurdities, which are immediately revealed for what they are. The eyes of each person are literally opened in the strictest sense of the word.

With integration of all humanity into a single coherent consciousness, the inceptive (psychokinetic) actions and capabilities of all the mancells are also coherently integrated. Thus, given enough cells linked together, the superbeing begins to acquire a direct power and dominance over time, space, and matter. I.e., it begins to exhibit "godlike" powers. The linked, sixth-stage being thus develops into multiple dimensions, overcomes limitations of time and space, and becomes independent of matter and matter-changes. These characteristics indeed constitute the seventh stage of evolution, the penetration above and beyond all stages.

The struggle to comprehend stages six and seven accounts for all metaphysics, philosophy, religion, etc., and the total lack of direct experience with or on those stages accounts for the forbidding difficulties involved in their comprehension. These stages are noncausal and causal experimental methods cannot be applied, so the gaps in our ability to comprehend them are formidable indeed. The seventh stage is the "return to allness" or to pure being, or simply to "nothingness" or no-thing-ness in its absolute meaning. This is the void that is devoid of void. This is the nature of the Ultimate God pure being. Omega is alpha, the end is the beginning, and the beginning is zero (the absence of all differentiation). Thus all is indeed holographically "closed upon its tail" and identical, including being itself.

Being is undifferentiated, that is its total definition. Since it is totally undifferentiated, in being there is not even any differentiation between "being" and "not-being." Being is a total identity operator, and can even identify with its own opposite. All-being, the Ultimate Godness, is simply totally undifferentiated. Since it is undefined, it encompasses all things and nonthings. Without definition, there can be no defined (perceived) difference. That is why all things are, and why any particular thing is. It is why a thing can also not-be, i.e., cease to exist. To be perceivable or not perceivable is totally operational; such terms have no meaning except relative to an operation, perception. Removing the limitations of the perceptive, comparative operation removes all distinction between "being" and "nonbeing" -- and this is the solution to the age-old problem of change, and to the ontological problem, that the philosophers have sought in vain to solve.

The final evolution of the living process is godness itself, pure being. Unlimited godness can both be and not be, such is the nature of unlimitedness. With the seventh stage transcendence of all stages and all limitations, thus ends the life model of Earth and Man.

Thus for the unlinked, fifth-stage technological species, there are only two alternatives. First, and more likely, its intraspecies conflict will simply reach critical mass and the species will convulsively destroy itself and its biosphere. Humanity may be within 25 years or less of this asymptote now. Second, and less likely, the species may link into a sixth-stage superbeing and eliminate its internal competition, friction, and suicidal bent. Linkage appears extremely unlikely unless outside assistance and intervention are received.

But there may after all be evidence of such intervention. The phenomena loosely classed as "unidentified flying objects" (UFO's) appear to directly fit the strange characteristics to be expected of a linked sixth-stage superbeing engaged in giving prenatal assistance to the embryonic human species and preparing it for linkage "birth" of the species into a new superbeing.

If, e.g., we assume from the latest archeological findings that man in essentially his present form has existed about five million years on planet Earth, and if we roughly assume that modern science is only about one hundred years old, then modern science represents a window of less than 0.3×10^{-4} times the width of the total human experience. The search in the cosmos for intelligent life exhibiting our particular technical characteristics would appear to have little chance for success. Any other species at man's present technical level is progressing so rapidly toward destruction or linkage that man's detection of its "narrow window" will very likely not occur, or occur only after it has already vanished as a fifth-stage species. Either alternative for a fifth-stage species eliminates it as a fifth-stage species. It is no accident that man's universe appears devoid of other fifth-stage species at our own technological level!

On the other hand, contact with sixth-stage beings, i.e. with the fifth-stage species who linked, survived, and transitioned, is much more probable. Perhaps half of the inhabitable planets involve species more advanced than our own; if so, then the window of sixth-stage beings is indeed vast. E.g., if we assume that the universe is at least 20 billion years old, then that is about three times as old as earth itself, about 4,000 times as old as man, and about 2×10^8 times as old as the narrow window of man's modern science. In a window of such relative magnitude, the probability of sixth-stage being(s) appears to be quite certain. Granted even the tiniest probability of linkage, so many trials on so many planets have occurred that the probability of at least one success approaches closer to certainty by far than the discriminatory accuracy of the data assumptions used to set up the estimation. From the window viewpoint alone, one can essentially assign a probability of unity to the assumption that the UFO phenomena represent the contact of the human species with a sixth-stage being.

Thus the UFO phenomena can be fitted to the hypothesis that they represent the prenatal care of the earthman by a linked superbeing, in preparation for the forthcoming linkage of the human species and the birth of another linked superbeing. To paraphrase Shakespeare, indeed there may be stranger things in heaven and earth than we have dreamt of in our philosophies.

One thing, however, is clear: From our viewpoint, the final crisis is here. For Man, it is now or never. Of course, nature is patient -- another billion years or two is all right because in the end time itself is a part of her creation, and is of little or no consequence to her. But for man, a single technological species on a secondary planet of a medium-sized star in the remote rim of the galaxy, time has almost run out. Man is merely one more of nature's experiments, a species which happened to opt for a little more genetic deprogramming of behavior, and now is his moment of truth. If he can successfully link before he destroys himself and his biosphere, then the ultimate solution is his; if not, then nature merely scraps this biosphere called Earth and begins again somewhere else.

Which will it be for mankind, the "lady" or the "tiger?"

The next three or thirty years will most assuredly tell.

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APPENDIX I: THE HOLOGRAPHIC HYPERCHANNEL EFFECT

This effect is based on the concept that a human being must accomplish a minute inception (psychokinesis) onto his physical system. Specifically, he must incept the movement of three or four electrons in the brain. This constitutes then an input signal to his ordinary physical system, which is then viewed as a complex servomechanism. The gain of this servomechanism is rather high, being able to transform or "amplify" the movement of several electrons into powerful movements of the entire body. The inceptive effect cannot be explained by ordinary physics, which can account for the servomechanism gain only. Once the input signal is generated, however, the rest of the amplification and action are viewed as being properly described by ordinary physics of inert matter. Thus the human is viewed as largely servomechanistic and mechanical, but guided and directed by the nonphysical which affects or alters the physical in a minute fashion sufficient to constitute inputs to the ordinary physical system.

Our purpose here is to show that, given this single small human inceptive effect, linkage of multiple brains in coherent fashion leads to an exponential increase in the inceptive effect, thus eventually approaching the absolute mastery of space and time for a linkage of sufficient number of human brains and minds into one single superbrain and supermind.

From the multiplicity of orthogonal frames permitted by Everett's many-worlds interpretation of quantum mechanics, we now select an infinite set of clustered 3-dimensional spatial frames which all share a single time dimension in common. Using one frame as a laboratory reference frame, the other spatial frames may be characterized as having one, two, three, or more orthogonal turns away from the laboratory frame. These succeeding orthogonal frames are variously called hyperframes, bioframes, orthoframes, hyperchannels, orthoworlds, etc. A particular set of material phenomena in one of the orthoframes is referred to as a biofield, hyperfield, or orthofield with respect to the laboratory frame.

In figure 1, we represent each brain by a triangular symbol, and consider it as an amplifying device having a gain of A_0 . For simplicity, the inceptive input signal is represented as E_1 , since in moving an electron, a voltage must be induced. For simplicity, we also show the brains as a linear array lying in a straight line. The distance L separates each brain, and here L is assumed constant for simplicity.

Two factors must now be realized: (1) the first hyperchannel operates in the realm of the ordinary electromagnetic field, although this realm is visualized much differently from normal considerations. I.e., we visualize a photon as an ordinary particle of 3-dimensional matter, resting in a 3-dimensional spatial frame (hyperframe) that is orthogonally rotated spatially in higher dimensional space, at 90° to the observer's spatial frame. The hyperframe and the laboratory frame share the same 4th dimension, time, in common, however. (2) At the speed c (which determines the hyperframe in the first place), all L 's

are zeroed out, by the equations of the special relativity transformation. Thus one may view (hyperview) each triangle (brain) as superposed on each other triangle (brain). Further, there exists a very small, finite, nonzero probability that the state of one triangle coincides exactly with the state of another superposed triangle, at any given small increment of time. This probability corresponds to a direct fraction of identity between two triangles, since "time is stopped" along the chain. I.e., at any given small increment of laboratory time, any given triangle has on the average a small fraction of identical coexistence with any other triangle. This identity fraction is labelled I_k in figure 1.

It is important to note that, for a very small fraction of time, each triangle coincides with each other; i.e., for a small fraction of time the existence of one triangle is totally holographic. This fraction totally violates the ordinary conservation of energy, which is applicable only to a single channel system. The hyperchannel represents a second channel, an identity channel, and in this channel an object can be in multiple places at the same time. If the triangles, regarded as operating processes, are even slightly coherent, then multichannel communication and holographic transmission of a single state-energy into multiple state-energies occurs through the hyperchannel. Using figure 2, we now proceed to calculate the hyperchannel effect.

First, we choose any stage i and a second stage j . The ordinary input to stage i is simply the output of the previous stage, stage $(i-1)$. That output is

$$A_O^{i-1} E_i \quad (1)$$

where E_i represents the original inceptive input to a triangle. I.e., the ordinary input is just the product of the "amplifier gains" of the previous stages multiplied times the original input to the inline amplifier array. The ordinary output of stage i will then be

$$A_O^i E_i \quad (2)$$

Now on examining stage j , we realize that it is hyperlinked back to stage i by the identity fraction I_k , and so are all other stages. Thus the total hyperchannel input to stage I is

$$\sum_{j=1}^n A_O^j E_i I_k \quad (3)$$

and the hyperchannel output of stage I will therefore be

$$A_O \sum_{j=1}^n A_O^j E_i I_k \quad (4)$$

$$E_{O(i)} = A_O^i E_i + A_O \sum_{j=1}^n A_O^j E_i I_k \quad (5)$$

or

$$E_{O(i)} = A_O^i E_i + A_O E_i I_k (A_O + A_O^2 + \dots + A_O^i) \quad (6)$$

For stage n:

$$E_O = E_{O(n)} = A_O^n E_i + A_O E_i I_k \left[\frac{1 - A_O^{n+1}}{1 - A_O} \right] \quad (7)$$

$$E_O = A_O^n E_i + A_O E_i I_k \left[\frac{A_O^{n+1} - 1}{A_O - 1} \right] \quad (8)$$

For $n \gg 1$, $A_O \gg 1$

$$E_O \approx A_O^n E_i + A_O E_i I_k \left[\frac{A_O^{n+1}}{A_O} \right] \quad (9)$$

and

$$\frac{E_O}{E_i} = A_O^n + A_O^{n+1} I_k \quad (10)$$

where A_O^n represents the gain factor by ordinary theory of inert amplifiers, and $A_O^{n+1} I_k$ represents the exponential hyperchannel gain factor of the linear array.

Since that is the inceptive (psychokinetic) channel, the inception of a linked array of minds may be seen to increase exponentially as the number of brains in the linkage increases. This is in fact an inceptive cyborg effect, and it is holographic.

The Soviets found, e.g., that an individual fish is more sensitive to magnetic fields when he is in a group of his peers than when he is alone. Psi-blockers are well known to often hamper or destroy a psi-positive's ability. Groups of empathetic persons often achieve remarkable ESP. Identical twins very often exhibit remarkably similar lives, even though separated at birth, as though cyborged into the same overall behavioral pattern.

Our purpose, however, was merely to show that inception/psychokinesis increases exponentially with coherent linkage, and that has been shown by equation (10).

From equation (10), regardless of how small I_k is, the inceptive gain of a linked series of brains can be made as high as desired, merely by linking a sufficient number of brains. Psychokinesis is holographically linkable and exponentially amplifiable. Given a sufficient number of linked cells, absolute mastery of space and time is achieved.

$\sim \rightarrow C$ (At the speed of light, all L's in this direction equal zero)
 \rightarrow (v = c specifies the 1st biofield or hyperchannel)

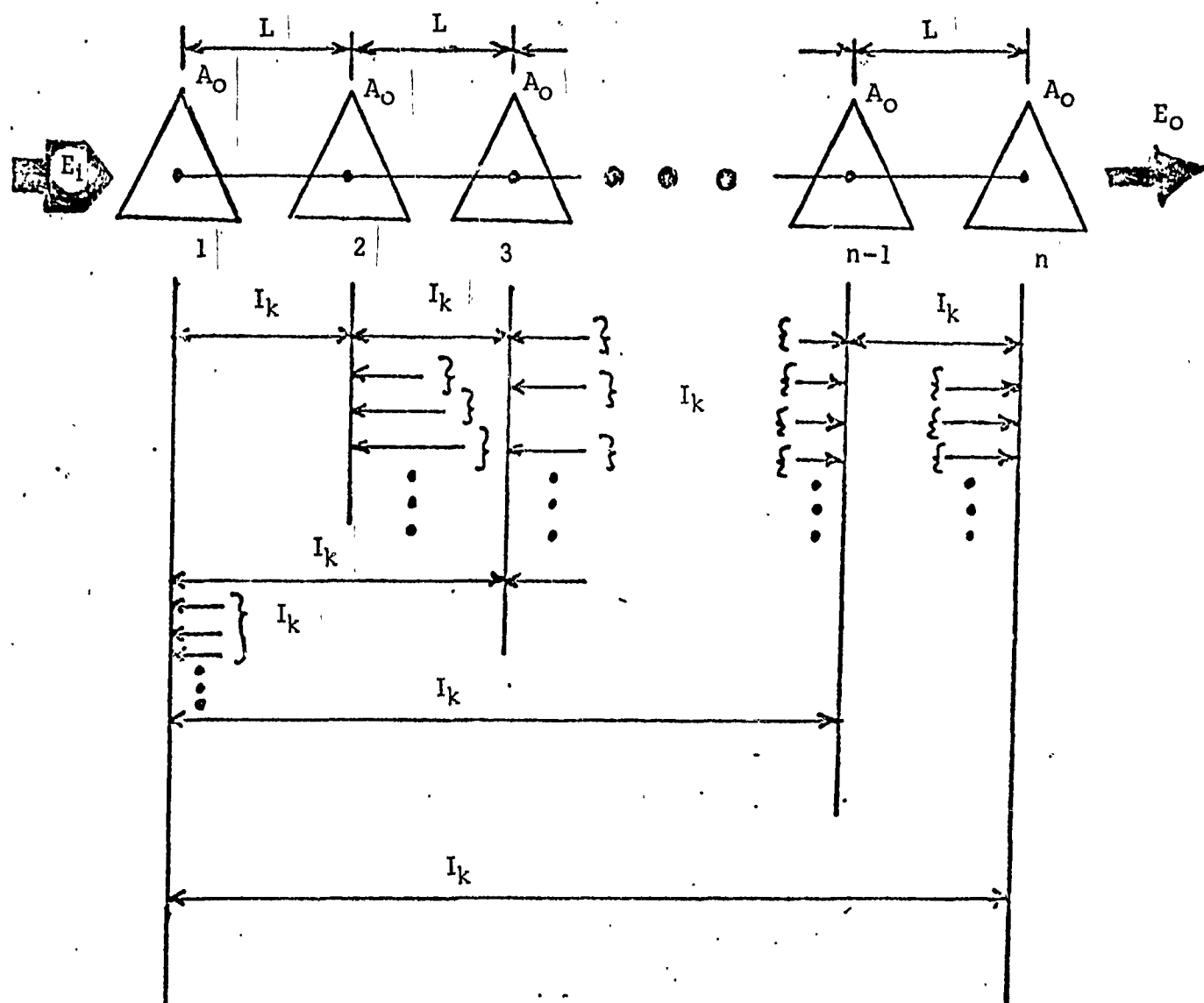


Figure 1. Hyperchannel identity of linked brains/beings

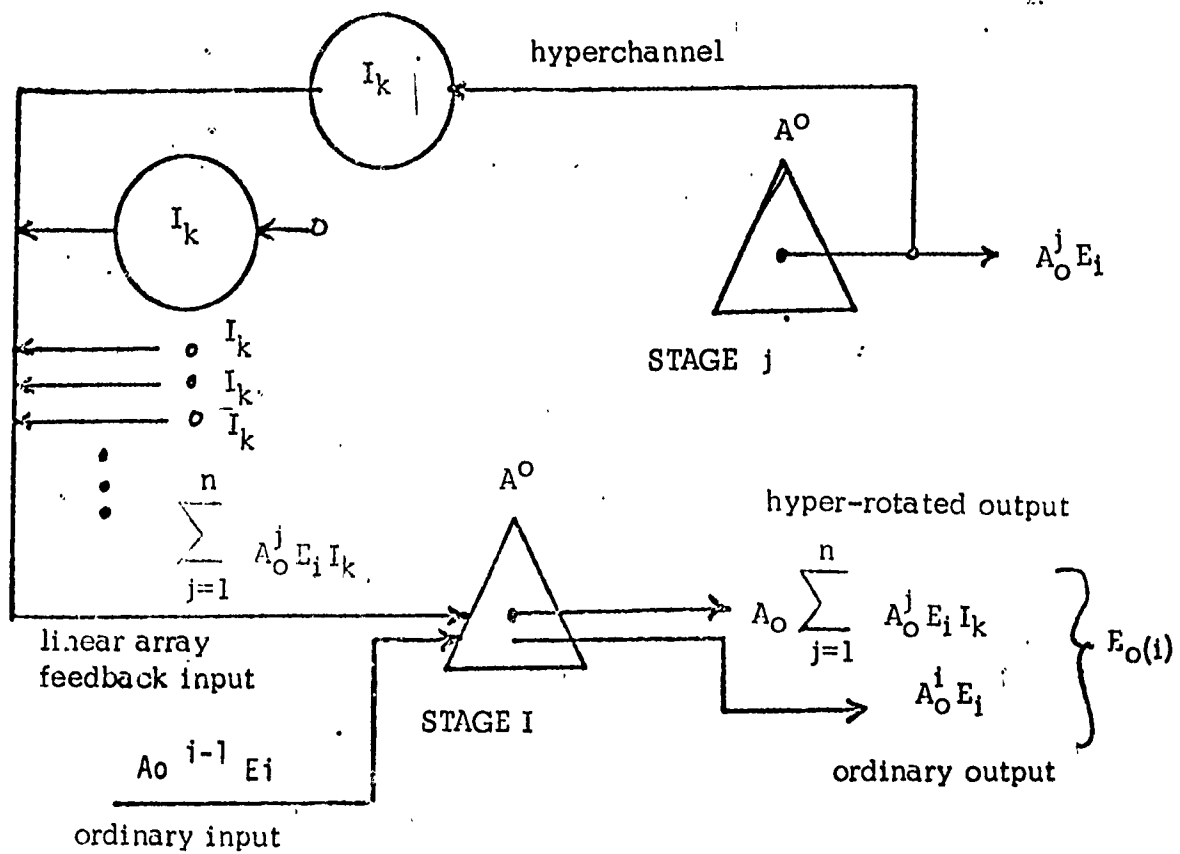


Figure 2. Output of stage i of a linked brain series.

APPENDIX II: How to Develop a Hyperchannel Brain Linkage System

Briefly, a scheme for developing a hyperchannel brain link would be as follows.

First, the Soviet physicist Adamenko found that a sharp resistance drop occurred at each acupuncture point. I.e., this may be detected by simply measuring skin resistance (electrically); at points where sharp drops occur, the acupuncture points have been detected. Adamenko invented a simple instrument to do this, the tobiscope. In the human body, there is a system for processing anenergy (orthorotated energy, or energy which exists in orthogonally rotated 3-spaces), and this system is connected to the acupuncture points. The acupuncture meridians comprise the "nervous system" for anenergy; i.e., a body system (one or more) exists in the orthogonal 3-space frames, and this system is what has variously been called the "aura", the spirit, the prana body, etc. This anenergy system is also connected to and into the nervous system of the body. The "mind" or "mental body" of a biosystem is simply a quite ordinary physical body, but in an orthoframe that is three orthogonal rotations away from the laboratory frame in which the ordinary matter or mass of the biosystem exists. Thus to the laboratory observer there is no spatial intersection with the mind-body, hence the mind-body does not physically exist (it temporally exists, however, since it shares the same time dimension in common with the laboratory observer's 4-space). Briefly put, the acupuncture point/meridian system of the ordinary physical body contains the boundary points connecting the various bioframes of the organism; these connections are the so-called acupuncture points, and what occurs at these points is orthorotation of anenergy of the third frame (mind-body) into anenergy of the second bioframe. This second bioframe anenergy then circulates through the meridian system and is connected to the nervous system of the body at the nerve endings of the ordinary nervous system. (E.g., chiropractors know of and treat a certain kind of disorder at the particular junction between nerve ending and meridian branch. This junction, where orthorotation between anenergy in the second bioframe and electrical energy in the first bioframe occurs, is known as a celluloma, and it is not known to ordinary medical doctors. I.e., the disorder of that junction results in a celluloma. These junctions are where crosstalk between second and first bioframes occur by means of orthogonal hyperframe rotation. The anenergy is converted to ordinary electrical energy by orthorotation, being reduced by a factor of c in the process. Ordinary electrical energy in the nerve ending is converted to anenergy by orthorotation at the junction, being reduced by a factor of c in the process. This is the means by which the anenergy system and nervous system in a biosystem communicate or crosstalk. The acupuncture points themselves provide the crosstalk points/junctions between the third (mind) bioframe and the second (anenergy) bioframe of the biosystem).

Adamenko also discovered that groupings or plexuses of acupuncture points were frequency sensitive/selective. Pavlita (Czechoslovakian engineer noted for building psychotronic generators) found some 64 different "points" or plexuses in the body which when psychotronically stimulated yielded specific biosystem reactions (unspecified). At any rate, frequency bands can be established for the acupuncture plexuses, with each band containing the channel for specific biosystem communication. The correct anenergy frequency can be psychotronically modulated upon a weak RF carrier at the right or desired frequency for the biosystem communication desired. The RF carrier -- at very weak level of a microwatt per square centimeter or less -- can then be beamed at the body. When the RF carrier hits the skin, the acupuncture plexus of the particular anenergy frequency band resonates to the psychotronic (anenergy) modulation riding on the weak RF carrier, thus demodulating

the psychotronic signal from the RF carrier and introducing it (the demodulated signal) into the biosystem's anenergy meridian system.

The RF carrier is necessary for a very good reason: the psychotronic effect is otherwise destroyed by ordinary light in a short distance. I.e., ordinary light (the first biosystem) blanks it out by a factor of c^2 . Thus malevolent thoughts directed at one do not normally kill him; modulate that same thought (third bioframe) upon a weak RF carrier at the proper frequency and radiate it at a biosystem, and the biosystem will shortly die. As radionics operators have repeatedly demonstrated, health or disease can be tuned and radiated. With the proper tuned crosstalk, anenergy can heal or sicken. An adaptation of this approach could very probably quickly produce a cancer cure, but these applications digress from the main point intended. Suffice it to say that biosystems normally attune their functional systems closely to the visible light spectrum for a good reason: the quenching effect of light has a tuned response closely approximating the visible spectrum. I.e., quenching has a sharp Q in that region. In the ultraviolet and infrared regions, the quenching effect is not nearly so great, and very strange phenomena indeed can be induced in those regions. E.g., cells can be completely killed by ultraviolet light, then left dormant in darkness for 24 hours. After that time, if the dead organisms are reradiated by ordinary visible light, many of them will revive. What happens is that the uv introduces a small external component signal into each cellular biosystem's crosstalk points (which are points on the external tissue membranes, similar to acupuncture points on the human body) connecting its second and first bioframes. This signal constitutes "jamming" of the ordinary life interchanges, hence life functioning (crosstalk communication) is jammed. Reradiation of these points with ordinary visible light constitutes a shield or blanket against the jamming, and also a stimulus or shock to the system's junction points. Just as the heart can be stimulated again into functioning after having been stopped, so can the crosstalk system or "life operations" of a biosystem. So dead cells killed by uv and held in darkness for 24 hours can often be revived by ordinary visible light. Even more spectacular examples are available; e.g., living anenergy tulpa forms can be produced by thoughts and photographed in the infrared. Cf Trevor James Constable, The Cosmic Pulse of Life, Merlin Press, 1976 for a description of the process and pictures of the effects obtained by this pioneering and courageous researcher. Many other strange and paranormal effects can also be obtained in the IR and UV portions of the spectrum, but these suffice to make the point.

At any rate, mind linkage or brain linkage can be accomplished through external RF links, if the correct biosystem plexuses are monitored and their signals modulated onto the connecting RF links between biosystems, with common introduction to all the linked biosystems by acupuncture plexus channel selection and acupuncture point demodulation of the psychotronic signals/anenergy. In this respect, Lisitsyn's paper listed in the references is exceedingly important, and it shows that the Soviets either have already accomplished multiple brain linkage or are very near it now.

There is also a way of developing the linkage directly through hyperspace itself, and it appears reasonably probable that, once a sufficient number of brain stages are linked, the hyperchannel is automatically activated and maintained, making it unnecessary to continue the external RF link.

It should also be pointed out that the two cerebral halves are in fact linked in the same manner; anenergy-modulated electrical signals travel through the corpus callosum to accomplish the linkage, making two brains into one, and two personalities and minds into one personality and one mind.

Thus a brain linkage system could be developed through animal experiments by use of acupuncture point monitoring, light-shielded modulation of the correct acupuncture anenergy signals onto a common RF carrier complex, demodulation of the anenergy signals from the common carrier, etc. The entire system is well within the state of the art now. Once sufficient brains are linked (the author's personal estimate is in the vicinity of 60-100), the hyperchannel link is automatically established and the external RF link is no longer necessary. Just as some time is required for an infant to learn the coordination of his binocular vision, so the linked brains require some time to learn the coordination of their new multidimensional superbrain.

But linkage is practical now, it can be accomplished, and that is the final destiny of man.