

A Multidimensional View

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Of the many individuals who include a holographic representation of the universe in their "World Picture," Pribram¹ has labored long and well to clarify the central issues involved and has focused his attention largely on the sensory apprehension of this representation at the physical level of consciousness. The present author, who has been attempting to develop a model of reality that synthesizes both current physical understanding of the universe and understanding arising from psychoenergetic experiments in the parapsychological, religious, health, etc., areas, has opted for a multi-dimensional representation of consciousness and possible structures of the universe for its manifestation. Without such an extension beyond the purely physical perception frame, the scope of any "new paradigm" will be severely limited.

To illustrate what is meant by this, consider the entrance of Einstein's ideas on Relativity into the domain of classical physics. The theoretical work of Einstein showed that time and the three dimensions of space are intimately connected, such that they form a space-time manifold in our experiential frame of reference. He showed that, in certain domains of our experimental variables such as very high velocities, very large energy densities and very large mass densities, the observable behavior of nature meaningfully departs from expectations based upon a linear extrapolation of our common experience; i.e., clocks slow down, measuring sticks shorten, everything becomes heavier, etc. Experiments of the last two decades have confirmed that these very non-linear and totally unexpected phenomena do, in fact, occur.

Today, a number of investigators are considering the consequences of the space-time-X, space-time-X-Y and space-time-X-Y-Z type perception frames where the variables X, Y, and Z are other significant qualities of the human perception mechanism on a parallel footing with space and time. It is postulated that, as a consequence of self-integration of various types, individuals may manifest and manipulate the X-quality to such a degree that the four-dimensional space-time frame is coupled to a fifth-dimensional space-time-X manifold—so that, again, essentially nonlinear effects relative to space-time expectations appear. It may seem as if our scientific laws are being contravened by many of the psychoenergetic phenomena; however, this is not so. Rather, it is that these phenomena have their origins in a higher dimensional frame of perception of the universe and are not fully constrained by a four-dimensional space-time description. In the foregoing, we may wish to replace X by "coherence of intention."

We may now properly ask how the universe might be structured to allow an individual's coherence of intention to affect the world of his/her physical perception. In this author's model^(2,3), the following postulates are made:

- (1) Space is imbedded in the domain of Spirit.
- (2) This is a six-dimensional Euclidean space rather than just the three-dimensional Euclidean space that one perceives at the purely physical level of consciousness.
- (3) Space is a hexagonal close-packed lattice of active nodal points rather than a continuum.

- (4) The lattice consists of three sub-lattices, each of which is a reciprocal lattice to the other. The mind sub-lattice is the finest of the three (grid size $\sim 10^{-25}$ cm). Next comes the negative space-time⁽⁴⁾ sub-lattice (grid size $\sim 10^{-15}$ cm), and the positive space-time⁽⁴⁾ sub-lattice is the coarsest of the three (grid size $\sim 10^{-5}$ cm).

- (5) All substance arises from the nodal points as waves traveling in this lattice.

One of the conclusions of such a model is that, since these are reciprocal lattices of each other, when waves traveling in the mind sub-lattice are diffracted at that level, the constructive interference beams pass through the nodal points of the negative space-time and positive space-time sub-lattices generating correlative patterns at those levels. Thus, there is a connectivity and integration of patterns between these three levels. In addition, this information has a direct space pattern and an inverse or frequency space pattern, with the mind domain being the primary frequency domain⁽³⁾.

To illustrate the holographic features of the model, think of a coherent energy beam coming from the Divine level of the Self. It impinges upon the frequency patterns of substance that have been built at the Mind level of the universe and projects them onto a screen, really onto two screens, the negative space-time frame grid points and the positive space-time frame grid points. Thus, the information about what we are collectively doing in the universe at the Mind level is stored on these two grids in the form of holograms. Substance interacts with these grid points via a special coupling agent^(3,4); i.e., physical substance interacts with the positive space-time grid and conforms to the potentials written there while etheric substance interacts with the negative space-time grid and conforms to the potentials written there. This model proposes that when we make an action at the physical level, we are doing so at this level because our substance is trying to conform with the changing pattern stored on the positive and negative space-time grids.

Because things happen so much faster in the negative space/time frame, we conform at that level (the etheric level of substance) before we conform at the physical level. The physical is like a shadow, like puppets dancing on their strings. Generally, we only use our physical eyesight to observe this physical milieu. However, some appear to have developed the capability of perceiving things at the etheric level of substance or of perceiving the patterns directly from the grids. The more evolved they become, the more developed is this third-eye kind of sensing leading to what has been called precognitive awareness.

To see how the coherence of an individual's intention affects the universe via this model, consider first how an individual responds to events entering his/her consciousness in daily life. The response is in the form of thoughts, attitudes and actions. The thoughts and attitudes are waves that enter the mind sub-lattice and superpose with those patterns already there. If the individual's intensity and coherence is high, the degree of change will be high. This change at the mind level is thus instantly transferred to the positive and negative space-time grid points which produce eventual changes at the substance level. These latter changes prepare a new set of events which conform more closely to the attitudes and thoughts that served as the initial generator. Once again response is made to the new

events via thoughts, attitudes and actions, and so the cycle is iterated. In this way, we create our own future and experience that creation whether or not we are consciously aware of doing so. In a completely similar fashion, if we have a high coherence of intention, the energy density of our mental visualizations creates such a perturbation in the mind sub-lattice that large potential changes occur at the negative and positive space-time grids and changes quickly occur at the substance level of our perception in accordance with our visualization. Unfortunately, most of us are not sufficiently coherent to do this very well at the present stage of evolution. This is how changes are produced in our "World of Appearances and Form."

This model⁽²⁻⁴⁾ has many interesting consequences that, because of space limitations, cannot be dealt with here. It allows one to rationalize virtually all the ESP phenomena; i.e., precognition, remote viewing, materialization/dematerialization, etc. It allows one to understand how multiple, simultaneous existences could be possible. It allows one to understand a scale of consciousness that extends from that of rocks and minerals to that of bacteria, plants, animals and humans. From it, one can begin to understand what was meant by the statement made a long time ago that "the brain is in the mind but not all of the mind is in the brain." The present modeling proposes that the mind is not spatially limited because the information is represented in the frequency domain of one grid cell ($\sim 10^{-75}$ cc) and periodicity reproduces it everywhere. On the other hand, the brain, at the physical level, is a spatially localized, individualized thing that overlaps only some of the grid points of the mind sub-lattice.

References

- ¹ K. H. Pribram, *Languages of the Brain* (Prentice-Hall, Inc., New Jersey, 1971).
- ² W. A. Tiller, *Future Medical Therapeutics Based Upon Controlled Energy Fields, Phoenix I*, 5 (1977).
- ³ W. A. Tiller, *A Lattice Model of Space and Its Relationship to Multi-dimensional Physics*; Proceedings of the A.R.E. Medical Symposium, Phoenix, Arizona, January 1977.
- ⁴ W. A. Tiller, *The Positive and Negative Space-Time Frames as Conjugate Systems*; in *Future Science*, eds. S. Krippner and J. White (Doubleday-Anchor, 1976).

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