

## **Dimensions of Consciousness as expressed through the Symbology of Mathematics and Physics Baiss Eric Magnusson, October, 2005**

### **One dimension**

Makam - same as the sixth and eleventh dimension, pure intelligence as defined by Pir Vilayat, humbleness.

Physical - non-existence.

Geometry - the point and its imaginary counterpart.

Meditation - shrink yourself down, to a point, then disappear.

### **Two dimensions**

Makam - duality, this is the plane of human discourse.

Because of the true-false inadequacy of this discourse, I believe it to be the meaning behind Murshid's writing, "there is right in every wrong and wrong in every right."

Physical - gravity, bipolar energy, emotions, yin/yang, balance which is harmony expressed in 2 dimensions, the splitting of the atom.

Geometry - the line and its imaginary counterpart form the cross.

Practice - Ya Mubdi(the Beginner), Ya Wahhâboo(the Bestower), Ya Mu'îd(the Restorer), from left to right; the horizontal being the journey of one's life from leaving the shore, sailing across the ocean of life, and then reaching the port call of one's life with a bright light beckoning you, where you meet the Restorer. Then vertically start upwards with Ya Alim( Divine Intent) and down into the heart, Ya Razzaq ( the Provider), with the arms reaching outwards then coming into the heart in a sweep.

### **Third dimension**

Makam - ordinary reality, when asleep the "supermarket state of consciousness" of Pir Vilayat, when awake, the love, harmony and beauty of Hazrat Inayat Khan. The Buddhists free

us from what we "try to hold on to" as the Reverend Joe Miller would say.

Physical - matter, the crystal is the morphology of harmony in the third dimension, spiral phyllotaxis, i.e. growth, is the transformation into the fifth dimension.

Imaginary Geometry - real space.

Meditation - starting with the tetrahedron, transform into the octagon, icosahedron and vector equilibrium ( the sphere ); then transform the shapes back down again, finally shrinking the tetrahedron down into nothingness and then back into space. The point of disappearance is the intersection into the sixth dimension. Center yourself in the heart chakra. Similarly use the cross of the Zikr of Spirit-Revealing, as presented in Pir Zia's Risala.

"The Message is a call to those whose hour has come to awake, and it is a lullaby to those who are still meant to sleep."

Sayings of Hazrat Inayat Khan

### **Fourth dimension**

Makam - "be everywhere all at once" - Pir Vilayat; authentic religion, as practiced by the orthodox, the fourth chakra (in the throat at the top of the spine).

Physical - time, quantum mechanics, hologram, electro-magnetism; when harmonious - heaven, when inharmonious - hell.

Psychological - feelings of kindness and sympathy toward others.

Imaginary Geometry - quantum mechanics.

Meditation - qas'b, with the practice of past, present & future as given by Pir Vilayat.

### **Fifth dimension**

Makam - the plane of light and universal beings, akasha, all

memory is encoded in the fifth dimension.

Physical - growth, life itself.

Imaginary Geometry - envision the growth of a tree or crystal ( P. D. Ouspensky, Buckminster Fuller, Pir Vilayat ) and use the transformation of the spiral phyllotaxis, offset the glance in nature of the two images of the eyes. Recursion is a higher order transformation than reflection.

Meditation - the growth of a tree, music, light, the cosmology of the universe, the upper dantian, the sixth and seventh chakras.

### **Sixth dimension**

Makam - the Christ Consciousness, Fana-fi-Rasul, transcendence.

Physical - the oscillation between the real and the imaginary, or between matter and energy ( $E=MC^2$ ). The hexagram of the I-Ching, with spirit or imaginary above and matter, the spirit of which is energy, below. Qi, though, literally flows between the two. I cannot speak of Shen, unless it be the holographic lights.

Imaginary Geometry - beyond time and space, only experience-able through sacred music and light.

Meditation - the meditation of the third dimension; but enter into the transcendence for a timeless period as the meditation deepens. The higher forms of samadhi.

Experience the **Lover** as the fourth dimension, **Love** as the fifth dimension, and the **Beloved** as the sixth dimension.

The mapping of memory is the matrix which consists of  $\{0,1\}$  and the sensor line, thus creating three dimensional space. In logic, the fuzzy logic which exists in the domain of the real numbers between  $\{0,1\}$  is the the logical equivalent of meaningless in the 4-state logic of  $\{\text{true, false, meaningless and imaginary}\}$ . However the mapping from the memory which is true, false, meaningless to imaginary involves a three-dimensional transformation. This is a

useful meditation for entering the sixth dimension.

**I use the word spiritual and imaginary interchangeably, that's the mystical way. The imaginary dimensions which "relate to" the real, one through five dimensions, constitute the seventh through tenth dimensions. The imaginary space is duality of one looking at one, but from a spatial, time, potentially offset outlook in the first four dimensions. It is in the transformation between the imaginary and the real that the meta-information can be encoded, as in DNA, with the transformation itself the meta-programming. The imaginary space in the fifth dimension is the realm of sacred music and beings, and of recursive beings, like growing crystals. Love, being the only power there is, is the energy behind the growth/music of the ninth and tenth dimensions, whereas life is the spirit of the fifth dimension.**

### **The eleventh dimension**

Makam - divine presence

Physical - the music of the spheres, experienced by love.

Imaginary Geometry - string theory

Meditation - sacred music, both as found in humanity and in nature, whereas the dance of light in nature is the same divine music.

### **Additional notes:**

Changes of life, which is all there is, are occurrences in the transformation between the dimensions. The weak nuclear force I would like to ascribe as the physical manifestation of weak link architecture (as described by the network theorists), an area of greatest interest to scientists today. The ego is the tendency to "only" associate the breath towards self-centeredness. One needs to learn how to move the breath/energy in closed and open circulations, as in the micro-cosmic orbit of qigong.

Spirituality must have embodiment, Pir O'Murshid Hazrat Inayat Khan used music and breath to embody this spirituality, but the range of vibrations we receive, particularly as affected by the domain of the internal combustion engine of the twentieth century, are coarser than the vibrations used by the sacred musicians.

We must work on mastering the jinn, qi and shen of the human body to further complete this embodied spirituality.

According to G. Spencer Brown, the Oxford mathematician who wrote Laws of Form, the duality inadequacy of human discourse can be healed by adopting cognition of four state logic, that is all discourse, including the Law, can be looked at in terms of ( **true, false, meaningless, imaginary** ). The word imaginary is here used in the mathematical sense ( a great deal of our mathematical theories rely on it ). Meaningless is the result which is the set of all the real numbers between 0 and 1, upon which the field of fuzzy logic is based. Philosophically speaking, it is the search for otherness. Another interesting hypothesis is in the domain of quantum mechanics, an extremely difficult area of mathematics, which I have delineated as a analogue of the fourth dimension. I consider awareness of the fourth dimension to be of aid in picking up those signs of warning that proceed a possible harmful accident.

It seems to me that you cannot transcend through to divinity from time, without attempting the transformation into the fifth dimension. Another theory, by the late David Bohm, restores determinism by postulating a "pilot wave" that acts behind the scenes to guide particles. Recently, as Dr. Leggett pointed out, some physicists have tinkered with Schrödinger's equation. A modification proposed by the Italian physicists Giancarlo Ghirardi and Tullio Weber, both of the University of Trieste, and Alberto

Rimini of the University of Pavia, makes the wave function unstable so that it will collapse in a time depending on how big a system it represents.

Dr. Zeilinger suggested that reality and information are, in a deep sense, indistinguishable.

**"There is one God, the Eternal, the Only Being; none else exists save God."**

**The first Sufi thought of Hazrat Inayat Khan**