Microvita Research 1993 to 2013 - Part I

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Since 2003, four mv-models have been developed:

The vacuum fluctuation- (2003), the vector- (2005), the tensor- (2012), and the toroid-model (2013) of microvita. They build on each other, i.e. the vacuum fluctuation-model (vfm) shows the idea; the vector- (vem) and tensor-model (tem) describe its physical resp. mathematical functions; and the toroid-model (tom) summarizes all this into a unique geometrical model.

Shri Prabhat Rainjan Sarkar first introduced the concept of microvita in a Renaissance Universal talk on December 31st,1986. More discourses on the subject followed, until shortly before his death in October, 1990. They have been summarized in a book entitled 'Microvitum in a nutshell', comprising 37 chapters.

In 1989, Acharya Ratnesh Brc. published a first interpretation of the subject entitled Microvita: Cosmic Seeds of Life.

In 1993, the subject was highlighted at the 2nd Gauss Symposium, Ludwig-Maximilian-University Munich (Germany), where I also gave a talk about 'Time Patterns and the State of Mind' (Proceedings-2nd-Gauss-Symposium-Mathematics).

From 1992 to 1997, Richard Gauthier published 13 issues of the Microvita News.

In 2001, Prof. Sohail Inayatullah published Microvita and Social Evolution.

In 2003, we had our first European Microvita Seminar in Berlin (Germany).

In December 2005 and 2006, the 1st and 2nd International Microvita Study & Research Workshop was held in Vig (Denmark).

In 2007, Microvita Research e.V. was founded in Berlin (Germany).

In May 2008 and 2009, the 3rd and 4th International Microvita Study & Research Workshop was held in Berlin (Germany).

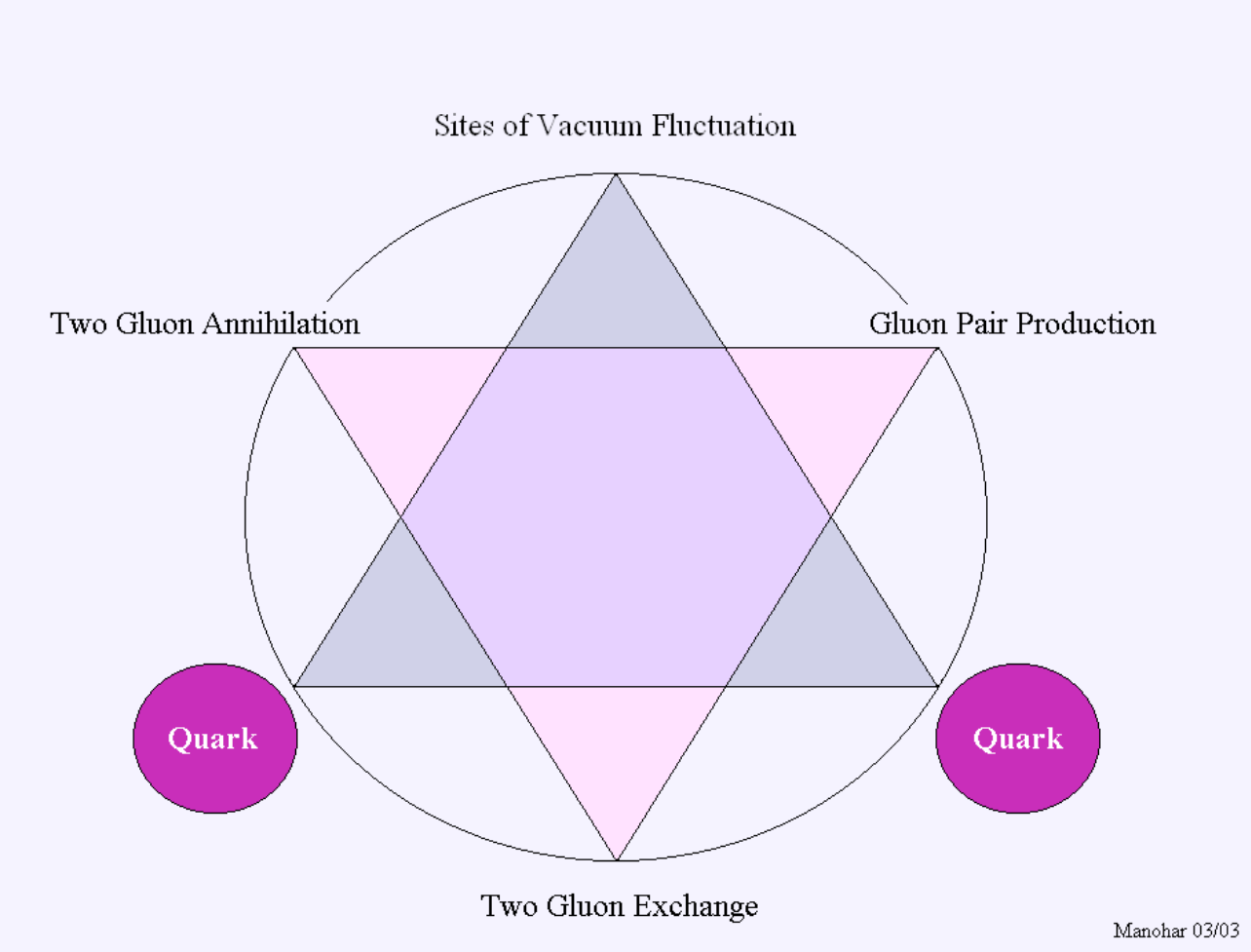
In March 2012, the first International Seminar on Microvita Research was held in Udaipur/ India.

Parallel to our exegetical endeavors, modelling of microvita started out from some key sentences. In 'Matter and Abstract' P.R. Sarkar writes, for example:
Now, the entity or entities coming within the conception of the mind are pure abstract, and those coming within the perceptions or feelings of the sensory or motor organs are matter, pure matter. But the position of energy and microvita is on this silver line of demarcation between matter and abstract.

And in ‘Questions and answers on microvita – part 5‘, he further elaborates:
Then, what is the silver line of demarcation between matter and idea ? Of that silver lining, the outside is matter and the other side, the inner side, is idea. That is, this silver lining is made of the initial stage of matter and the cruder stage of idea. If you consider that the atom is the constituent of matter, likewise idea is the constituent of microvita.

Accordingly, we had to clarify what ‘abstract‘ and ‘idea‘ actually stands for in this context (https://de.scribd.com/doc/15132383/MvHistoryPart1).

The answer of the year 2003 is summarized in figure 1:



This means that there is always an interaction between real and virtual force particles (gluons, photons, etc.), which amounts to the idea of a conscious vacuum, affecting fermions like quarks, electrons, etc.: Sea gluons/photons constantly annihilate each other, and at the time of re-emanation, they shall carry some bits of information from the vastness of vacuum to the limited existence of our fermiotic world.

In a next step, we started out from P.R. Sarkar‘s discourse ‘Neo-Ethics of Multilateral Salvation’, where he says:
Let us consider the case of the structure of a carbon atom. … The difference between two atoms is mainly one of nuclear difference. … Billions of Microvita produce a single carbon atom. That is why it cannot be said that everything comes from carbon atoms. Rather, the carbon atoms come from Microvita. Not only carbon atoms, but all other kinds of atoms are the creation of Microvita.

Thereupon we designed a Nucleon Model (=> From Imaginary Oxymora to Real Polarities and Return, p. 18), which could be generalized to describe various states of the energy-filled void. Consequently, the sites of force particle pair production and annihilation were considered to eventually prefer certain frequencies and phases. In the ground state, they would produce randomly, but at other conditions, the range of frequencies would be straitened; additionally, their phases would be synchronized, resulting in various degrees of coherence. So, the microvitum could be defined as a vector $\vec{\mu}$, allowing to shift the mean frequency and coherence at defined locations in space from (v_1, c_1) to (v_2,c_2), with $E = h\,v$.

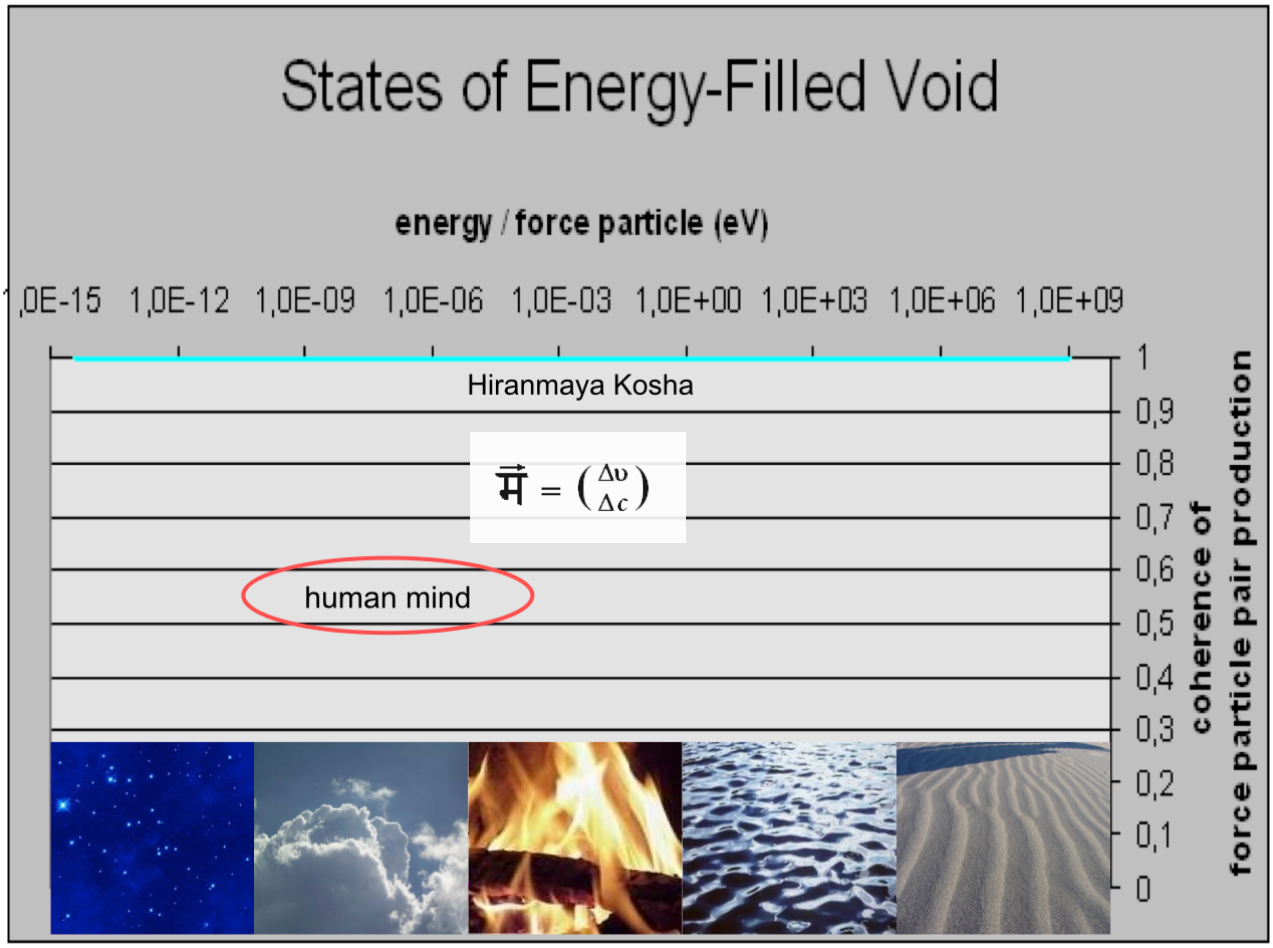


Figure 2 summarizes the answer of the year 2005:
The idea was that the state of mind can be characterized by two parameters, i.e. frequency and coherence, which determine not only the time patterns of the neuronal tissues (see 'Time patterns and the State of Mind', Proceedings of the 2nd Gauss Symposium, Munich, August 2-7, 1993), but also those of the virtual particles, produced and annihilated ibidem. Consequently the state of mind could be changed by a microvita vector $\vec{\mu} = \begin{pmatrix} \Delta v \\ \Delta c \end{pmatrix}$.