



Title: 28 December 1988 Personal Correspondence on Rocks, Physics, etc.

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Published by: Worldwide Indigenous Science Network

Publish date: 31 August 2013

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Dec. 28, '88

Dear Pam and Woody

Happy New Year. This year will be a year of Take Off for you (so my fortune cookie says). I wish a great success for your Science. That makes you very busy, But I have a favor to ask for you. If it is possible for you (or one of you) to come down to Lethbridge and give a talk on Native Science, say in March, could you kindly do that for me? I have a course called Integrated Studies 2009 "Current Issues in Wars and Peace". It is given Tuesday/Thursday 1:40-3:00. The Theme of the course is "Paradoxes Of Progress" and I intend to touch on Colonialism/Imperialism. [I shall send you the course outline.] I would like to have a lecture, story or discussion led by you. If possible, let me know.

Yours

Sam K.

To Pam: Please look at the picture book enclosed. Also there is a one story about "Stone Book", which might be of interest to you. The style of painting may be called "Super-realist" --- "Super" meaning "superposition" of two "manifolds" (spacetime-s) ---. I am tempted to try painting like that. It might be possible to do talking and thinking in the same manner. I tried one time a poem in two voices ("Dodos did not make it"). Writing in the Super-realistic stylism may be a fun. Of course, it is a taboo in English (called "mixed metaphors" etc.) and readers would be confused. Worse, Psychiatrists would say you are schizophrenic. Zeno's Paradox is a mixing of "Being" and "Becoming", which is illogical in European Languages. [*1]

But in Eastern Philosophy (Yoga), it was well known technique to go into "schizophrenic" state (controlled in some sense by a company of a master/assistance, and considered to be dangerous) to remove the "dictate" of rationalization and to get in touch with the repressed part of mind.

The advantage (and trouble) of Quantum Language is also coming from "Mixed Metaphors" --- say in "Particle/Object" metaphor and "Wave/Field" metaphor ---. People have troubles in talking individual and Social matters in the same breath. Environment and Human Will are in two disconnected worlds in our usual way of thinking. Even most

Biologists do not see the same dichotomy in Evolution Theory. Blackfoot language does mix "Being" and "Becoming" in one word, but I do not know if People are taking any advantage. I get an impression that people who come to university are thinking in English.

I am reading about an article in a book about D. Bohm's Implicate Order. It has to do with Double Field (Manifold, Universe) that undergoing what Physics calls "Deformation under Stress". It is a General Relativistic idea that the Universe is made of the "Stress" of Space-Time, but this article tries a Space-Time including "Becoming" manifold.

The Double Space-Time is just like "Rock" is formed under great Cosmic Forces. The "Rock" stores that dynamics like Trees store their life stories as Tree Rings. What we sense and recognize as "Existence", "Mass", "Spin-Rotation", etc., are manifestations of the "Stress", which comes from "Becoming" part and relates to Implicate Order. (The word "Stress" in ordinary usage connotes something undesirable, but that has little to do with what Physics calls by the same word. You might understand the "Stress" as something like the explosive "Anxiety" that young lovers experience. You note that for them that is the "Meaning of Life". They are wrong only in seeing it as individualistic/narcissistic sense. But they are not too far off the mark.)

Chinese, Japanese knew of "Vein" which is used as a metaphor for "Reason". They talked of "splitting Rock by the Reason" etc. What Relativity tries to do is to find "Vein" in Space-Time, or the "Stress Dynamics" that generate the Space and Time, as well as Matters within.

[see also Paul Davies. The Cosmic Blueprint. Simon & Shuster 1988.]

When Newtonian Physics made Space-Time to be nothing", it ironically turned out that space-Time had to be harder than Steel --- because it transmit Light wave, and, since the harder the Medum is the faster the wave propagates, Space-Time that transmits Light Wave had to be very hard ---. Now, since Relativity, Space-Time became somewhat Soft and Movable (Feminized). It also connotes that Physics changed from that of Objects in Motion to Fields in Interaction.

The ways of thinking Social phenomena that give rise to policies, ideologies, prejudices at this time are by and large still Newtonian. People tend to think and talk in the metaphor of "Objects in Motion", though some changes in the ways of thinking do show up sometimes. That is why it is interesting to hear you explaining how Native Science works in Human-Social phenomena/situations.

At any rate, I am doing what so called "Finsler Geometry" now, and trying to see what it tells me about Rock and Dream. What is interesting about Finsler Geometry is that it has "double Space-time" (or "Double Manifold": one is static "Being Part", like the Geometry that Einstein et al have explored, and another dynamic Becoming Part which is not about "objects".) I think it is closer to what Faraday was dreaming some 150 years ago. I might come to share the Dream, though it may take a few years for me to get to the stage. And by some luck, it might be what you told me about "Rock".