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<http://findingmoonshine.blogspot.com/>

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Dear Mr. Professor

It will be already about 34 years since I began to appeal my hypothesis to be discussed by physicists. However, maybe.... maybe something must be wrong because contrary to my struggle these specialists – cosmologists from unknown reasons are still ignoring this my hypothesis. Perhaps because of I am not mathematician and my conceptional work represents more or less „logical – philosophical“ concept rather than rigorous scientific approach to the problem. One of the ideas that forms part of my hypothesis is „*a succession in genesis – evolution of the Universe*“. Succession as to which is possible to record or describe even mathematically (!) and which would end in DNA-helix, for example.

.... And suddenly one moment of knowledge occurred in my mind. (It happened after I have watched one part of your TV educational serial; *He has written numerous academic articles and popular books on mathematics, including the bestseller 'The Music of the Primes', which was also televised on BBC4 in 2005. His latest book 'Finding Moonshine: A Mathematician's Journey Through Symmetry' was published in February 2008.*), that whole those 34 years I barked up the wrong tree. Prior to telling you „with what and why“ I came up with my hypothesis exactly upon you, as a mathematician, it seems to be necessary to mention, at least a little bit, my very hypothesis shortly.

As a motto of my work I have chosen the title Hypothesis of The Two Quantity Universe. There is an attempt for a convincing opinion, let's say proposal, in this extensive work that relates to a way of how matter of this Universe was and still is „produced“ after Big-Bang. Matter „is producing“ **by bending – curving dimensions of quantities, by geometrical and topological curving-deformation of physical spatio-temporal quantities**. These quantities are just two in number, quantity „Length“ (it has three dimensions) and quantity „Time“ (it has also three dimensions in my hypothesis) so that both Quantities have „their own“ dimensions.

On the Planck's scales this dimensions curving process looks to be **bizarre** – there exists „spatio-temporal foam“ there where „geometrical“ wave-agglomerations“ are emerging-creating-producing... That hot plasm which occurred instantly after Big-Bang represents that boiling spatio-temporal foam. A few basic wave-packets had arisen then there and these are

mass elementary particles.(!) Astonishingly they are just three basic ones : two quarks and one electron. That's it! Then mutual c o n n e c t i n g of them took place giving birth to protons and neutrons then these formed atoms, atoms then became building blocks of molecules etc.etc. Whole process looks like chain reaction ending in proteins, DNA and life.

So that after Big-Bang initially flat Universe had changed itself instantly and transformed „abrupt“ into plasm which is a foam of „dimensions curved in bizarre way“. On Planck's scales this foam still exists but in addition to it even other versions of curved time space were originated according to succession of genesis. These further states of the curvatures of space-time were becoming less and less curved and in succession from older ones to newer ones any „new, newer or let's say younger“ states of time space are „swimming“ in and on background of those older ones. Curvature of one time space state is dived in another one. This is a very imperfect way of how this process can be described.

Thus – „just one great **equation of genesis**“ works still since moment of Big-Bang. Perhaps DNA can represent such >mathematical progression of the states<. This progression starts up just „in Big-Bang“ and results in most complex protein at present. The Universe itself then produces mass from dimensions of just two physical quantities (from „Length“ and „Time“) by mechanism of curving or wave-agglomeration process, respectively. Even fields (and other attributes of material world) are **curved-twisted state** of dimensions. They are by geometrical-topological style manufactured, prepared by certain process (that I am going to describe later) . This process is starting from „originally flat euclidean space-time“.

Dear Professor, There is not enough space in this mail to give detailed explication of all my ideas. I would like to bring closer just one of them that I think it's necessary to be brought exactly to you

Vision is about this: Big-Bang is neither explosion nor creation of the Universe so far from originating something from nothing. The Big-Bang is only „**change of the state**“ nothing else, change coming from previous state and going to subsequent one. Pre-Big-Bang state of the Universe is perhaps euclidean, flat, 3+3 dimensional, infinite, without matter, without fields and without passage of time, in brief without any kind of physical properties in every respect. → It was, let's say, sort of infinite state of inertia of the time space. From some reason unknown to me there „**change of the state**“ happened !!! There was succession of next states entered upon , **colossal spreading succession of states of changes took place** changes of what? → changes of curvatures of dimensions of the quantities and their combinative association.

I think there did not exist immediately after the Big-Bang all physical laws (known to us today), interactions and there did not exist chemical laws, rules, even biological ones not at all. These laws, rules, principles, properties etc. „had been produced“ gradually as a parallel branch to branch of mass generation concerning physical, chemical and biological forms of matter. The Universe begun its own genesis of evolution. (into succession of states of time space changes).

I think that one of the first „grounds“ for Universe to start a chain of changes and growth of complexity is the **principle of interchange between symmetry and asymmetry**. Without

this principle genesis of evolution would never been happened. Even passage of time could neither start to run nor expansion of the Universe also. „Curving of dimensions“ into some geometrical-topological formations and states obviously also represents one of the principles without which no genesis of Universe evolution would happen. There instantly begins „curvature or deformation of dimensions of the physical quantities after Big-Bang and this phenomenal phenomenon is „ground and way“ of how and why Universe produces mass and physical estates.

Dear Professor...perhaps even now you can bear an idea in your mind of „how it would be possible to create“ just one mathematical description of „equation of everything“, of how to write down mathematically succession of evolution of the Universe states respectively **just from two symbols (!)** (i.e quantity length – „x“ and quantity time – „t“). In such Universe then by means of principle of interchange between symmetries and asymmetries passage of time is turned on and set up to respect just one arrow i.e to go forward $v < c = 1$, As next a huge and spreading succession of states of dimensions of this Universe came into being as a process leading from less complicated to more complex structures (elementary particles and their conglomerates, chemical elements, molecules of different substances as far as DNA helix and proteins and life, respectively. (DNA helix is nothing else but another way of substituted mathematics, another way of recording technique that was written down by very Universe and that begins in that plasmatic foam of boiling time-space in Big-Bang). This growing up process of growing complexity of matter is worked out by means of knotting-interweaving of two-quantity wave packets and this is what I am convinced of to be possible to be written down mathematically as one equation of everything.

http://www.hypothesis-of-universe.com/docs/eng/eng_009.doc
<http://www.hypothesis-of-universe.com/en/index.php?nav=home>

Dear Professor, could you help me in this matter ?? Could you help with searching „last Hilbert's problem“?? It means research of mathematical way of recording (based upon two symbols ... „x“ and „t“) of succession regarding interchange between symmetry and asymmetry in order to make this record valid for equations of all physical interactions and simultaneously even for helical structure of DNA, respectively.

Dear Professor, I do not require you to do anything for my hypothesis. I will be happy only from very fact if you will really read through this letter. Even this your careful reading I will evaluate as >a progress< in my misery taking already 34 years, 34 years of my untiring effort to find at least one person in all intellectual world who would like to come to think of this new idea ... idea of HDV (hypothesis of two-quantity universe).

Thank you for your response.

Ing. Josef Navrátil , j_navratil@volny.cz

Notice

Dear Professor, it was written :

Symmetry, reality's riddle...

The world turns on symmetry—from the spin of subatomic particles to the dizzying beauty of an arabesque. But there's more to it than meets the eye. Here, Oxford mathematician Marcus du Sautoy offers a glimpse of the invisible numbers that marry all symmetrical objects.

I believe that you will not be affected if I will not agree with that. On the contrary to yours I believe that there exists not only „symmetry“ in the Universe. Symmetry is only „a local phenomenon“ and what was crucial for start up of genesis of this Universe is presented by principle of interchange between symmetry and asymmetry. Thus – not just symmetry is involved. Dear Professor, >cut out< any part, any volume of time space anywhere in the Universe (together with mass and fields). Then you must find out that such chosen volume of time space doesn't have equilibrium. There will not hold true conservation law there, there will not be overall symmetry of every entity, interaction, charge, number of antiparticles to particles simply put: Nowhere in the Universe just symmetry dominates.
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