

Collected on discussion group „Origin of the Universe“ in August

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I have found out explanation of inflation THEORY on Aldebaran by prof. Kulhanek ... and took for making notices for myself introductory passage at once. In 1979 an American theorist Alan Guth has realized that a certain solution for some problems of standard model **could be** which means that it was nothing else but just „a first idea“ (!) of how to solve troubles of SM ... and of course every idea can come into being just but with mathematics ... but troubles can be sorted out even by different ideas !!! and they also can be modelled with maths !!! a short headlong expansion in the course of the earliest phase of the Universe existension. Or a headlong unpacking „already incurred“ random big lokality twisted from curved dimensions of the space-time. **Should** the universe sometimes close to its origination shortly exponentially inflate itself spatially about many orders, many problems with horizon and planarity of the universe, also with nonexistence of magnetic monopoles and likely even problem with initial singularity **would be solved**,

It is not off limits not even scientifically impossible to use even another remedy for the purpose to sort out those 4 problems, as is for example a suggestion – idea of Hypothesis of the two quantity universe (HTQU) and in the frame of it included idea of changing state of crookedness of dimensions before and after the Big-Bang...

Contemporary time space is already almost flattened not from the reason of its extensive expansion but from absolutely different reason. This reason is unwrapping of its global intergalactic curvature. Problem of horizon is also sorted out by 3+3D time space whereof has to be significant $v^3 < c^3 = 1/1$ in order time could flow just in one direction.

Initial singularity is resolved too in that sense that in the course of time space unwrapping the Hubble's law is invalid hence astrophysicists are leaded ONLY into point-like singularity whereas for the origin of „this state of the Universe“ after Big-Bang there is not important as condition number one „a greatness“ of that curved lokality at time space unwrapping process.

Of that **curved lokality = our Universe** can be nested into pre-Big-Bang infinite plane state of 3+3D space-time. Flowing of time is also due to curvature of time space whereof is valid $v^3 < c^3 = 1/1$; http://www.hypothesis-of-universe.com/docs/c/c_038.jpg

because as a new zero would be beginning of inflationary phase during which time the Universe was originated from some kind of precedent form. (Often it is speculated about quantum foam.)

http://www.hypothesis-of-universe.com/docs/c/c_016.jpg ; full of wild fluctuations,

http://www.hypothesis-of-universe.com/docs/c/c_036.gif ;

http://www.hypothesis-of-universe.com/docs/c/c_034.jpg ; which are the consequence of the Heisenberg's relations of uncertainty principle). Origin of the Universe within inflationary model is actually nothing else but „mere“ phase changeover from one „state“ into another one.

Or by changeover from one state 3+3D time space curvature into another state of time space curvature, in the concrete into state of plasma = as fabulously curved frothily state of time space curvature. At the present time we know a few theoretical and experimental facts which

support the idea of inflation. As far as the second proposal will be explored, that might be called Hypothesis of the Two-Quantity Universe, HTQU, then it also will have many supporting facts Nevertheless its existence for a certainty is still not evidenced. Thus it is not a theory !!, (as some unnamed Czech person has claimed)

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Mr. Hnedkovsky... Is he or not Mr. Kulhanek's trainee ?

It seems you read/see Mr. Ullmann for the first time in your life ((. otherwise you would take note already a long time ago that his name is written with double „nn“, about Ullmann I told you already on NYX.

http://www.hypothesis-of-universe.com/docs/f/f_006.pdf . Well, nobly is perfekt..))

Now:

Even here on 15th August 2019, 3:09:37 you have been blackout for 97% and 5 hours later, i.e. 15th August 2019 at 11:31:13 it is a little bit better, around about 87%. It's a progress, isn't it ? ...and maybe it will be even better with you.

Of course, I don't say „the same“ like Ullmann, each of us has got a different language, different ability of description and different knowledge of maths (Ullmann about 300% better than me) but it doesn't exclude that both of us have very similar style of thinking, that both of us have the same seeing upon the Universe and it doesn't take away the force of „the new insight“ for understanding of the Universe. His interpretation of „space-time“ I have read already in 1982-3. In the package he sent me his first publication of his book that just at the moment smelt of novelty. I got it as a present and read it whole, some of passages even repeatedly. His interpretation is already 40 years old, slightly different from the interpretation of top physicists at those days. His interpretation seems to be even better. From his book I have begun to understand states and faery of time space and ideas came into my mind that actually by very curving of dimensions of time space 3+3 into the glomerules – wave-packets by this way the Universe itself realizes – produces „something“ (elementary mass particles) which will have the NATURE of the matter + „something else“ in addition to it as we will classify **as properties** (glomerate states) that „unentangled“ plane time space 3+3D has got not, such as mass, charge, spin, symmetry etc.

Mr. Ullmann says: Should we take a super-microscope and observe into the deepness of microcosm so we could see as far as into the size of proton **10^{-15} m still plane** time space and **this plane time space would have been flatbed up to the size app. 10^{-20} m** so to the scale of the size of neutron and quark but still time space would have been **smooth**, only with a tiny curvature „coming from the gravity“ (((of course inside of proton or electron respectively situation is entirely different))) and....and now let's imagine that we would zoom **that flat area** of sea level even **more deeply on the level of minus 20 orders** !!! This is already madly unimaginable magnification and only (!) on these scales we would observe increasing of fluctuation of the lenit dimension curvatures. **Only and only on this scale of 10^{-40} m** we would see bubbling quantum foam composed from time space dimensions, the space itself is boiling there. (***, The next new things I'll explain later).

Already along about that time the light came into my mind telling me that in this way curved dimensions are present inside of all elementary particles, so called geons, that curved dimensions are the base upon which particles of the matter exist, that „those torsions or curvatures“ of dimensions respectively are the very style of the construction of „something“ which then later has got behaviour of the matter, that this is the matter itself. Matter is nothing else but wrapped – balled state of time space dimensions. Likewise if you appreciate

that for the construction of the T O T A L matter that you can observe around us (atoms, molecules, compounds, proteins, DNA etc...) there is necessity of just !! presence of three pieces. Geons: (i.e. quarks U, quark D and elektron) , then it is amazing how everything is easy and madly realistic.... And it is realistic also for the next connections of those three pieces into atoms, molecules, conglomerates that we can see in chemical and biological textbooks.

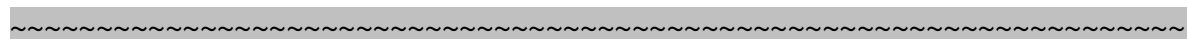
Very Mr. Ullmann helped me in 1981-3 to reach these ideas about „ Two-Quantities Universe, about simplicity of the mass construction by the only and only process of dimensions curving of that 3+3 time space. No God or „Origin from Nothing“ or likewise.“ After 39 years I have different knowledge, a new astonishment: That nobody during 40 years didn't realize it, didn't realize that beauty and simplicity of matter origin by „the rolling and agglomeration“ of dimensions into the glomerules.... It is surely so much *shocking* logic, it is not a God's magic, it is so naturalistic, it's not origin of „something from nothing“, without explanation....this is also not just origin of matter itself but also originating of the laws of nature but what is important, it was GRADUAL, SUCCESSIVE birth (into the order of incidence of these laws too). This is not groping „why“ everything appear such a way how it is look like. All of this the sense of two-quantities state can explain sensibly. - - So that it is shocking me very much that during 40 years HTQU is certainly read by tens and maybe it is already even hundreds of scientists and not yet until now nobody discovered it should be explored „why“ time space on the microscopic scales distorts itself into quantum foam.... Why?????...why??? and whether or not this curving into like cocoon looking forms is the only way of how very Universe produces mass after Big-Bang ... in plasm which is fabulously curved very time space where „curvature itself represents matter-plasm“...etc.etc. there chemici elements and so on.

It's very shocking me that until present nobody was born, no physicist, who would such idea like this noticed and started work on it To answer questions ... why time space dimensions are curving into quantum foam ... from where the crookedness u n p a c k e s itself but not chaotically but systematically, very sophisticatedly, in accordance with some maths, rules etc-- Yes, of course, it is shocking me, that Mr. Kulhanek and his fellows educates, **and even on purpose**, such people like in a club presented himself „**hex8**“, (who wrote *û* at the end). Mr. Kulhanek produces such „yes-no persons“ hunderds and hunderds each of the year.. It is strongly visible even on the NYX, on the former Aldebaran, on the DONKEY, Perch and on the next websites. It is unbelievable, what kind of absurdities „today's by Mr. Kulhanek that laic educated public vomites“ This way sick community may not be intoxicated by some Mr. Nobody from Decin, by crushed folk thinkers.... We have to have here a new thinker generation of Kulhanek-like persons..... ***Let's fall away what unsteady is, what opportunistic is***, as it was expressed by communistic president of former Czechoslovakia Dr. Gustav Husak in 1969 and so called democratic vision of the world in science now is strike out by Mr. Kulhanek.

hex8 I used to be an artist.

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Please, Mr. deddek, Mr. Ullmann is not a scientist or any guru in physics.. Yes, he writes in Czech but it might be his only plus. He published one book years ago and has got his own websites but it is roughly all. Such public thinkers like he is are just a few of them. For example, what do you imagine if you observe those vacuum fluctuations to be given by me to you? What is happening there concretely? What do particular tints of gray colour mean?



On the enclosed picture from above – down there quantum-foam like surface irons there analogous to we are obviously accustomed to the same in the case of fractals. Mr. Hnedkovsky doggedly claimed to explain time space „unpacking or unsquashing“ respectively unpacking *t o r t u o s i t i e s* of six dimensionsand so I have explained and explained so long time until I have used carelessly Ye also fractalswhich wasn't a good choice for the purpose to „give explanation“ for unpacking but ... those helping examples are not many of those in account But somewhere examples have to be taken out, haven't they? But from where? First of all: The very word „unpacking“ has been chosen by myself randomly. (Everyone is free to choose another term) against generally approved understanding of Hubble's **expansion** of the Universe, against expansion of *s p a c e* among galaxies respectively and even linear expansion according to formula $v = H \cdot d$. I am myself against Against the term „expansion“ because what the Universe does is NOT radial expansion which logically leads Mr. Hubble and his worshippers to the point, Bang-to the singularity. No, I am against the Bang in the point-like singularity and then against linear space expansion, then against sort of growth points on axes x,y,z and from Nothing additionally....I am against some kind of propagation of finite vectors, against propagation of final Universe with its boundaries somewhere in which case Mr. Guth introduced flaming inflation and nowhere he didn't explain in his „mathematical theory“ (that I have studied in English version) of „how“ point-like length vectors „are prolongating ... by means of rubber bands ? Will that straight line be quantized to the series of zeroes and one's or there is series of „vacancy-nonvacancy-vacancy-nonvacancy-vacancy???

According me expressions as „unwrapping-unsquashing-unrolling-unpacking-decompression“ is much more elegant (in initial plasma after Bang) instead of expanding of line into longer and longer line. (((The question is and it will be a long time still of how „*the left hand side*“ extreme : *i.e. infinite plane time space and on the „right hand side*“ extreme *i.e. in principle final locality of the exceedingly crisp-crumpled-rumpled-wrinkled time space* actually looks. *Can this state of locality be a subset within infinite space-time? Mathematicians should talk about it not me, I have only intuition.*))) Mathematicians offer still repeating „iteration“ that in graphics man can apprehend even for example as unwrapping-unpacking. Why not? Fractals yes, It was misguided if I used for „unwrapping“ fractals *i.e. „somehow „selected inner curvature of the system“* which I am drawing near or postponing far away – all again alongside line = creasy,mussy,crumpled paper I am only zooming out and in by means of virtual microscope but what it's important is that I DO NOT UNPACK in the sense of my kind of cosmical time space unpacking which is unpacking already 13,8 billions of years in each point of space-time yesterday, today and tomorrow. In physics these are not new terms and expression dimension is satisfactory enough. Some 3D samples for inspiration:



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From distance space-time looks to be plane but closely it is crooked, distorted (not just curved but really crooked, corrugated foam-like looking....) as far as here it is good.

But according to it is *good* for you only after Ullmann said that whom I'm had to take him for help when the same I affirmed too. Torsion of dimensions from quantum foam in microcosm unpacks into the direction of macrocosm ..., you have said, I quote it again: „, *on the other hand unpacking of Universe (or of space or space-time) is the term without any meaning. Nowhere it isn't told clearly, what it as a matter of fact means, nor how it manifests itself, if at all some mathematical description exists somewhere. According to me it is but just empty bluff.* Hubble „, directed" universe linear expansion !!!!!!!!, why ??? indeed therefore, that he found out linear relation $v = H \cdot d$.

But he found this out only on big spectrums, only "to the relict radiation", where „, unsquashing" already is „, ready, done" ; yes, it began that unsquashing in the quantum foam, but on galaxial spectrums there is already an almost straight theoretic line, there's space theoretic Euclidean space plane and ... and nevertheless in the very large localities near and inside of galaxies" (plus in galaxies plus in them in atoms) time space is incurvated gravitationally.

Gravitational lenses are proof of that..and even in large - scale – universe there are local torsions, incurvatures, globally indeed according to Hubble „, straight line to the Bang" ...; but if I as though choosed a vocable „, unsquashing" was only therefore, that I didn't have other more suitable one at the hand, by, that I'm had to put into **comparison** Hubble's straight line in direction near the Bang plus my evolution from Bang from plasma torsions = today's torion of quantum foams – see Ullmann's direction from Bing to the blow - up Universe...so there wasn't other vocable than "unsquashing" to be chosen.

Mr. Hubble magnifies by expansion, I would like to tell that it isn't linear from Bang, so I use the term „, unsquashing of curvatures", which seems to be true : after-Bang plasma is unpacking itself, in which atoms and ...and galaxies accumulate ...; plus contemporary micro - world around us unpacks also, i. e. quantum foam in vacuum is everywhere ...;and even that problematic dark energy in question throughout whole universe represents in essence nothing else but „, foam of time space" on the Planck's spectrums and by vacuum curving dark energy swells in the Universe, but density is constant. So that : reason of dark energy „, rising“ is continual-steady and straight- running dimensions curving on the Planck's scales – boiling vacuum is (could be) that dark energy.

but your [total] nonsense is, that this feature of space - time (see analogy with the mirror or water surface) you declare as „unsquashing“.

Yes, I declare it ...profession can not be nonsense ...yes, shan't at hand – meanwhile – other term than that of „, unsquashing" ... Do you have other one ? Yes it is a „, feature" of time space that once is flat-like (Euclidean) and at another time there's a second extreme i. e. that is awfully crooked (contrast to- Euclidean) ...have you got at it some Czech vocable : on mad torsion ?) And ...and if it will come an action, that in the geometry turns torsion into no-torsion, then what is it ??? what is real- physical and what is geometrically- mathematically ? & behind - equally, to make things worse you deny expansion this way.

Unsquashing or unpacking respectively is also expansion, but Hubble's expansion is linear namely my one isn't linear ...so how to name it ????. You really want assert, from space nerospina, therefore from put look different than closely? ehm. Take look on animation the sea shell, when that eye retreats sees smoothness, and once you can fix one's eyes at otherwise, once do galling linear plus another time contemplation elevated plus then protracted ...or change that torsion „, to the eye" unevenly ...; why should have Hubble truth and to assert, that there is no other expansion than linear ???

Ullmann says, that the until bigness of 10^{-20} m space-time is smooth, or even Hubble has in view straight line till direction to distance of 380 000km, but as far as in distance smaller till those of 380 000 km time space begins distort „,into Bang“ ; = to the plasm ... - do – curvature in micro-cosm, into microsystem, first smoothness, then curving. At that today's vacuum : as

far as at the level 10^{-35} m there space-time begins to distort into the quantum foams. WHY ????????????, Think about it before you say „ idiocy, or gigantic phantasmagoric" .

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Joanka

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.... with by any higher scale of sizes torsions of dimensions are more and more smaller

It is excepting till this time no quite succeeded in HTQU approached conception of dimension. I think it isn't completely incomprehensible. On enclosed picture down from top quantum- foam-like surface smooths itself analogous to be common for us in the case of fractals. Mathematicians offer all the time regurgitating "iteration", which in graphic art man perceives and e.g . like unsquashing. Fractals in physics are not new term and have quite acceptably determined conception of dimension. Several 3D demonstrations for inspiration:

I have to acknowledge and compliment for improved propriety in communication. Mutually comprehension of "subject of debate" on term : u n s q u a s h i n g is not such, here is no praise at all. At least according my opinion. Joanka , at least from my point of view it is that an always speech „ I about goat, you about rolling stock". Already long since I thought that we keep with „ the strange“ people cleared up notions such as *dimension* and as though then we can dialogue base upon conceptions on which we have no mutual disputes any more. So that I will replay my own dictionary of expressions and their meanings.

: system co-ordinates x,y,z are three axes- straight lines geometrical upon yourself perpendicular and they represent to us Euclidean flat-plane space. All right then as though center pin- straight line isn't dimension, then as though geometrical straight line isn't same thing what is called „ dimension". Time space is „ physical continuum" whereas system co - ordinate we will consider for only the purpose of „ geometric help" (almost abstract thing). - - this was re-enactment really, but really simplified (that one more accurately would solicit again two - year - old quarrel, of what bass experienced – I plus Hnědkovský ; we will not to be it again reparate) So that Joanka, as you say : nor approximate conception of „ dimension" isn't completely comprehensible to you ..., I am sorry, but I will not construe that. Simply discuss it with those ones that the conception of „ dimension" understand. I am already in one of my own fumbling from eightieth clear in mind : Universe is spatio - temporal environment and then from two – quantities composed. I have quantity with title of „ lenght" (everone can serve with a notice title what he wants, but better is to coordinate and accept agreement in it), and lenght presents itself by three

longitudinal dimensions „ x" - latitude, „ y" - altitude, „ z" - longitude ...they will (God be praised, or unfortunately to the future considerations) coincidental co - ordinate system of axes for common, usual geometric space. I perceive difference between them so, that the a) „ dimensions" are physical, really real b) „ axes" are geometric only ...; Dimensions (namely even time ...about them there will be speech later) are mass creating artifacts of Bang, existence of Universe, whereas „ axes of system" are straight line which are not crooked, we will not to distort them, (but into that system we will put in crooked shapes) whereas dimension yes. They are mass creating. Photon that's flying by from the star round the Sun to the our eye, his „ course" „it will twist- will incurvate", so that it is not course, but that is a physical dimension which twists and it's running alongside it. ...that is that famous trampoline round the Sun, around every material ball, they are dimensions, gravitation's curving DIMENSIONS and no space in terms of „ axes of the system". Continuation will come next time for not making it not so long.

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.Joanka 16th August 2019 17:53:59

... with by any higher scale of sizes torsions of dimensions are more and more smaller

Second part of my response excepting till this time no quite succeeded in HTQU approached conception of dimension. I think it isn't completely incomprehensible. So that from my point of view time space 3+3D is not only environment hereof about this universe, environment of two quantities „ Length" plus Time" (where every quantity has three „physical" dimensions ..., in compactifications then there are these primary objective dimension used for **multidimensional** objects by using of those primary objectives), but they are also reality of „ artifacts" built from these 3+3 dimensions – consequently matter, mass elements. Standard model talks about 25 ' pieces '- wave-like agglomerations- geons- glomerules of elements. (6 quarks, 6 leptons, 8 gluons, 4 intermediary elements, plus H- Higg 's boson).Physics produces them by using of the „ miracle- by creation from Nothing", I plus Universe alone produce them of those dimensions : by curving dimension until „ wrapping or envelopment respectively". (I hope as though discussing public will dissect vocable „ wrapping" at least one month ...the same way like vocable „ unwrapping" ...to bend out essence of debate). So that it will not amaze, then tarnation amaze everyboy that all matter around us is built

only of three „artifacts“ : of quark U, quark D and elektron. It is simply amazing, fascinating and irreplaceable by no other system except of Universe and in this Universe.

Ullmann says, that the time space is up to the sizes 10^{-20} m smooth, dimensions are smooth (axes also but axes are smooth straight lines on all geometric sizes and independent on physical reality) and ...and only on the sizes- scales 10^{-40} m the things begin to be done : curving of **d i m e n s i o n s** , here comes time space foam into the being, it is boiling –foaming, its dimensions are „bubbling“ by their headlong torsions ...and we from size of 10^{-30} to the 10^{-40} m don't anticipate „ what is happening" and why dimension themselves are twisting, curving, wherewith they are curving, and to the what configurations are curving, according to which laws and rules curving to the quark, lepton and so on.

If mankind will never reach „ depths" of 10^{-40} m, how can oaves (not only world's ones but also the percids) assert, that the fundamental particles are not wave-like parcels from dimensions of two quantities time space. ????? I propose that, they already know as though that is a gigantic phantasmagoric ...how did They strike upon that ??? On enclosed picture down from top quantum- foam-like surface smooths itself analogous to be common for us in the case of fractals. Mathematicians offer all the time regurgitating "iteration", which in graphic art man perceives and e.g . like unsquashing. Fractals in physics are not new term and have quite acceptably determined conception of dimension. Several 3D demonstrations for inspiration:



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.... with by any higher scale of sizes torsions of dimensions are more and more smaller

Third continuation to Joanka's contribution. It is excepting till this time no quite succeeded in HTQU approached conception dimension I think it isn't completely incomprehensible. On enclosed picture down from top quantum – foam-like surface

smooths analogous to fractals at what we are accustomed to. Hnědkovský doggedly demanded on me to explain „unsquashing" of time space, let us say six dimensions $c u r v a t u r e s$ unsquashing. And so I have interpreted and interpreted, as far as I'm „inadvertently" used Ye also fractals ... which wasn't completely good option, hit rose - apple on chuck block „for the purpose of explanation" the term unsquashing, but ...but of those auxiliary instances are not too much in account ...somewhere to take instances we have to, but where ? Above all : the vocable „unsquashing" I have chosen accidentally (everyone can elect any other vocable) against generally approved universal comprehension of Hubble's Universe expansion respectively $s p a c e$ expansion among galaxies, namely even linear expansion according to formula $v = H.d$.

Here I am against ...against expression and sense „ expansion", because what the Universe does is not radial expansion which herewith pseudo - fact Leeds Hubble plus and his worshippers to the point-like singularity. No ...I am against the Bang clink in point-like singularity, and then I am against linear expansion of space, then some growth of points on straight line x,y,z , namely from Nothing ...I am against some sort of propagation of final abscissae, finite universe, where some Mr Guth will hatch vehemently inflation and nowhere in his „ mathematical theory" (which I'm in English examined) didn't explain, „ how" punctual longitudinal abscissae „ protract" wherewith protract ... by elastic band ?, Will that straight line „quantizes" on series of zeroes and units on the principle „one gap- non gap- one gap- non-gap- one gap etc...???

According me expressions as „unwrapping-unsquashing-unrolling-unpacking-decompression" is much more elegant (in initial plasma after Bang) instead of expanding of line into longer and longer line. (((The question is and it will be a long time still of how „the left hand side" extreme : i.e. infinite plane time space and on the „right hand side" extreme i.e. in principle final locality of the exceedingly crisp-crumpled-rumpled-wrinkled time space actually looks. Can this state of locality be a subset within infinite space-time? Mathematicians should talk about it not me, I have only intuition.))) Mathematicians offer still repeating „iteration" that in graphics man can apprehend even for example as unwrapping-unpacking. Why not? Fractals yes, It was misguided if I used for „unwrapping" fractals i.e. „somehow „selected inner

curvature of the system“ which I am drawing near or postponing far away – all again alongside line = creasy,mussy,crumpled paper I am only zooming out and in by means of virtual microscope but what it’s important is that I DO NOT UNPACK in the sense of my kind of cosmical time space unpacking which is unpacking already 13,8 billions of years in each point of space-time yesterday, today and tommorrow. In physics these are not new terms and expression dimension is satisfactory enough. Some 3D samples for inspiration:



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Von Zeppelin is waking up

Von_Zeppelin to destroy mankind pclub php framework
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<https://vesmir.cz/cz/casopis/archiv-casopisu/2008/cislo-1/rozpinani-vesmiru-podle-soudobych-poznatku.html>

Energy at space expansion is not preserved. I think (Jolanka’s saying it from adjacent club), as though „ *opinion of significant part of professional public pertains to thought, that the standard cosmological model, analogous to that of Hypothesis of Simulation belongs into category of religion, because already perhaps every symmetry, every conservation doesn’t preserved ...and that is a horror and nightmare.* And according to my opinion this horror is just evident because of powerful principle of PSSSA, then principle of variation in symmetry with asymmetry in all regions, in physics, perhaps also in chemistry and biology either, namely in succession of genesis of development of Universe that is changing in time ...; space expansion, then of all three dimension of time space would according to physicists meant growth „ points-like- abscissae" on final straight line namely „ from Nothing" (Mr.Guth’s inflation phase is illusional, just because at least something would stand good.) ...which would be no problem in the case of „ unsquashing of curvatures.“At reflections on red shift of light at its pilgrimage through ever expanding space - unreasonably, without logic „ cui bono“ (?). Only therefore that Hubble said this his

miraculous equation coming from his miraculous observation in form of $v = H \cdot d$...and from miraculous evaluation of red shift of the light that doesn't prove expansion but on the contrary time space unsquashingbecause red shift is conform to / with STR that is of clear-cut evidence for slew of systems, then proof of crooked photon orbit from issuer to the eye of local observer. -question rises necessarily where that part of its energy loses in consequence of decreasing of its wave length. This one I can't explain, but I am able to say, that the dark energy shoot up = swells with time, because it „ rises in vacuum as boiling and eddying and bubbling dimensions dimension which are the already 13,8 billions of years unpacking, and so that these boiling dimension are in their entirety a form of mass-energy, every dimensions curving is mass-making, and energy density is in spatio-temporal unpacking on large - scale - spectrum constant. Again it is connected with space – time dimensions unsquashing .

According to contemporary comprehension of space expansion this energy simply loses. That would a mad people's thinker didn't say ...Law of energy conservation at space expansion isn't applicable. And ...and madness in universe only swarms, doesn't it? It's consequence of reliance upon general theory of relativity, in which energy conservation law stands good physicists proclaimed by statement and there's end of it and now they gape up like turn up mouse for only definite additional conditions. plus Bulgarian constants and Bangladshian divining rods. Those are actually not valid within expanding space (even if they are executed at most others applications of that theory). Therefore also space can expand at constant density of dark energy. Additional conditions are not needed i fit will be find out that the space-time is unwrapping. Aggregate energy in expanding volume must surely grow up !!! OK.To. Boiling vacuum (which is awfully wrapt- matted spatio - temporal dimensions) will be same all the time, and even after Bang recently everywhere around us ...everywhere is present vacuum on scales 10^{-40} m and there it is boiling there still. And everything is boiling there = crooking like after Bang so even today it produces by that way crescendo amount of dark energy

A few days ago there was talk about "time space expansion versus time space unsquashing " and I tried explain it interpret it and also I had only non - constructive objections, objections

suitable just for quarrelsome style of duologue. So I've brought in critique violent inflation, when Mr.Guth "plants"into the straight line next new, "created" point created from „Nothing“ (no reasonable response was delivered) and so I'm along brought objections, next objections against expansion, that even here too among galaxies "rise from Nothing" new point-like abscissae by the power of divining rod.

And again any reasonable response "how and why" .You set antagonists espouse tension plus execrate unsquashing, that is why I'm bringing in call appeal for "I am looking for mathematics" 18.srpna 2019 7:56:17 to be explained "how it is possible fulfil demand of string-like builders i. e. "to introduce into 3+1 time space additional dimensions

..and when I already started to talk about string theory, so I've uttered question, that when they – string theory boosters - can supply to the physical 3+3D time space excessive dimensions in the form of ringlets and creasy glomerules, why I couldn't also supply to the time space instead of those "tyres" my wave-like packets...and so on. So in the end „Mr. Carlos“ brought in kindly didactic tale his contribution and opened debate upon this subject : how to express "in flat 3+3 D time space" very much incurvated states of o t h e r s additional dimensions that are already perhaps even not physical...and from which it is possible to construct elements of mass = wave-like packets and then conglomerates and so on and so on and how to express in "infinite 3+3D plane time space final locality, but with ultra - crooked dimensions that in that flat platform swimm"....etc. and it is further unpacking in opposite direction.



deddek counter thinking has got a purpose [Cosmology, astrophysics, HTQU](#)

19th August 2019 6:38:26

Karlos: (.....)

18th August 2019 [17:48:43](#)

It puts only very miscalculate, what as a matter of fact you try chart to the mathematical model because everything, what you are saying, is too common and inexplicit. **Yes, it is by me described knotty and few clearly. Hereto, to describe it c l e a r l y e n o u g h, I would needed „mnemotechnic people's fable", which will be at variance with mathematics, but I am not able to do it otherwise ...when it will be described unmathematically, immediately roguishes will jump out and will scoff and vilify human dignity. It's that problem : expertly I don't know how to describe „what is the matter of fact“ and familiarly I must not do it hereat ridicule.** So that very briefly: As fundamental of everything are symmetries in Lieo's group, expressing manifold - topological space that is not so completely Euclidean. **You say „fundamental of everything" ...but „ what is that „ everything" means ??? ... should it of Halley's comet base were symmetries in Lieo's group ?? – do you see, that here and just here there is that stumbling – block of good communication and interpretation that I would like to understand ? ...; I would need to know from mathematician firstly those first three points from 18th August 2019 at 7:56:17 ...then it is possible to move forward. Near point c) I would it rectified : „ in infinite 3+1 (3+3) D flat-like Euclidean time space „it will be placed" finite locality (and that will have different number of crooked additional dimensions) with those compactificated crooked dimensions (string theory boosters would call it not as**

the „crooked dimensions", but as „short vibrating strings from NOTHING", whose vibrations they obviously interpret „as" characteristics of fundamental particles.

In my case it is not string- twine and trepidation, but at me that is a intricated- creasy parcel of „mathematical additional dimensions „swimming" at that original 3+3D spatio-temporal Euclidean screen. They build fundamental particles „from abstract string which is from Nothing and from its trepidation" but I build fundamental particles by „wrapping-packing of mathematical additional dimensions, by bundling them into glomerules" and ...and option of form of glomerulus already determines kind of element and all its characteristics. I have no need „trepidation" of something to me is enough „state of glomerulus composed from other dimensions" thereby I have got element ...and that one then „swims" in the screen of 3+3D. 1D Euclidean is straight line, 1D variety is a circle. Always there has been symmetry, that the beginning and the end is selfsame point. Brightly, it is fable to that ideas preceded „of how" something would may be“ ..., every fairy tale can have different motive and on that motive then action matches, or mathematical manner, if you want. On my motive it is also possible to think out mathematics, but that one however I don't possess. You will be surprise but even those string theory boosters have big troubles, „how" to describe their string idea into the mathematics. Leaving alone to proof it for me too. But I have it dressier than those of string boosters, I have got concrete „parcel of dimensions giving them determined torsion" for by any fundamental particle individually..

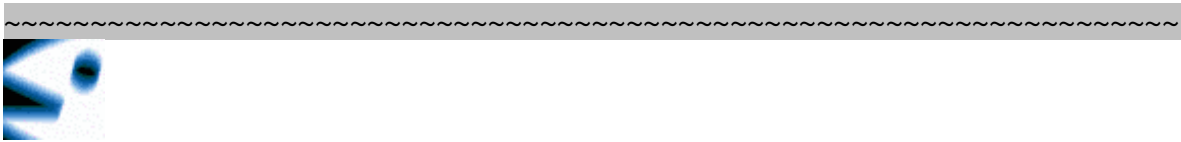
In particle physics these symmetries really foresaw existence of some subatomic particles that were later on experimentally verified, nevertheless they were small groups (anticipated as product E3 and E5). What do practically these intuitions meant? **Do you see, do you see?** ...firstly there are those intuitions and then „state" is modelled by mathematics. Nobody never ever didn't prohibited to build „glomerule, wave-like packet“ from additional dimensions and this one explore as physical reality. Why not? What ever must be but just one „intuition" ? As though universe prefers organization planning such a way, to form globally interconnected symmetries. **Construction of fundamental particles (of those ones primary exist 26) is so elegant and from those ones then construction of conglomerates by interlinking of „creasy glomerules" is something so elegant, logical even as well as simple and for the Universe word for word very practical ...as though I awfully marvel, that the physicists hereto have as large resistance against that and solve „production" of fundamental particles as „one string that has infinite amount of vibratory modes". In the unshot ultimately also those modes in the end in essence will be packaging into the „creasy geons"**

... A whole trick is, that the possible Lie's topologies are not mathematically present in account.- What hard thing to find are particular products among groups that will finally create even bigger meta-symmetry (by assembling of sub-spaces). **I don't understand mathematics, but I feel, that it was artificially yielded according to prime idea- and that idea was of those of strings. Make another idea = wave-like parcels and add new mathematics to it.**

Therefore there has been considerable skepticism round naive theory of themselves-similarities. **O.K. I can understand it even as well as I got. (even if „I don't possess" mathematical rules.)** That is something similar like in Abel's group of prime-numbers. For demonstration - (of the factorization problem of groups as such, it has nothing to do with physics): Let us say, that we have a prime-number „p“ (representing manifold of the world). Partial sub-symmetries then are enacted in sub- spaces a,b (which are again prime-numbers), whereas obtains $p = (a + 1) * (b + 1) + 1$. And then further we can distribute sub-spaces in the same way, whereas given to factor is again prime-number. The fact that it is a prime-number is very important - it interlocks maximum symmetry of sub-space, but likewise it holds under how superior space as a matter of fact may look. We cannot do there what we want to. Self-similarity stretches only up to that extent, that there is sort of rule for fanfold space preservation of topology, no, that the sub-space is naive change of scale of hyperspace

so that way, how it is claimed by fractal theories. Further applies that the Lie's groups (plus possible dimensions for subgroups interjection), as well as prime - numbers are to all appearance "accidentally" incident attractor within chaos (one of formulation of Riemann's hypotheses).

In the context of exotic theories such as this club represents it is possible then speculate on base of the above. For example as though everything in the Universe with running of time organizes themselves- O.K That self-organization certainly and indeed stands on some interesting principles that the Universe at initiation of genesis in Bang has „elected" for itself ...so that it won't as far as so be ingenious from Universe of „how" it has manufactured succession still more complicated mass structures and to the themselves organized cadenced, but it will to approbation to that universe „according to what" made that genesis, „according to what“ recipe it carried out that genesis, according to which formula-rule-law and ...and where did it took from ??!!!! I declare vision, that even natural laws are given to the birth, that the ALL OF THEM were not nastal in Bang at once, but also laws arised gradually to the succession alongside with „growing up" complexity of the mass structures, as far as to DNA. to the still more complex groups, which makes expansion of space no,no ...whereas ...expansion isn't by that „law" nor by as a rule which „organizes" immense complication of mass, that is of built only of the three artifacts from : quark U, quark D plus electron ...As a result are e.g . fatty acids and proteins ...and so on and ...and even people produce such matter that the Universe alone never ever until now didn't and could't produce !!! e.g . polyurethan and ...and next billions of compounds that the mankind developed, no universe ...of course by abidance of rules matured by genesis since the Big-Bang because sub-spaces will start to be limited by structure of hyper-spaces – „another floor in tower ".



Karlos: (.....)

[18th August 2019 19:16:45](#)

Everything, what I've spoke about, is merely only basic foundation - stone of mathematical models of theoretical physics. From corpuscular models - in LHC after as much as "theory of everything" like is (super) string theory, m- theory, E8 theory. To reading how it is doing *in the concrete* - <https://arxiv.org/pdf/0904.1556.pdf>

At any case type of the argument of the type ;“how it can be ringlet, when it is that a stroke“ is without sense in mathematical model. Because thing is of that kind , that the entrance is though stroke, but model considers it to be the ringlet, in order to that model would go by at all - up at all functioned. It is enough notional method ...This phenomenon is called as a projection and specially in at mathematics it is absolutely common at abstractions to the more dimensions. Then should not be issue in abstractions to go on and model fundamental particles into the two - sign language, then to the two - quantities language,..why not ..., plus where“ exceedingly“ dimensions (mathematical dimensions)can be used „dimension of time space into the wave-like parcels.

Who did it forbide??

21.08.2019

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