

**Time, dynamic time, .. it is that thing in question, that is not subject of discussion (up to the present days) , but it ought to be..**

*Citation:*

**Lady Joanka** : *In science there dominates a hard competition for place under the sun, so I hope, that you remain on at power of your successes and failures and ready for other fight.*

**JN** : *thanks for compliment. However „days" of HDV still only wait to come...none of special community of physicists namely my HDV doesn't read. I know it ... According to People's-metre.*

**Lady Joanka** *Can I get this time but rather query on your opinion concerning referred treatise on behaviour of time, because in your hypothesis you promote its 3D character.*

**JN** *Your inquiry is handsome indeed, but there isn't on good peaceable discussion environment here.*

A) – To **time free-dimensionality** I have already even logical reasons, I'm already described them many of times. ( once upon time I will summarize them ).

B) – Time is not only three-dimensional. Next interesting thought I wrote about not a long time ago that : even **its rate of flux** is changing from Bang to us, i. e. to contemporary age of 13,8 billions of years, and I have explained reasons, and upheld it by vision, that the STR means **slew of systems** ( system of the observer and system of moving body within that system ... , or thus system of radiation issuer ), and ...and slew of systems entails, that the **red shifts indicate that slew**, and ...and if this slew of global universe is/was/will be of the credible reality which is proven by that STR, then it is also out of validity Hubble's law  $v = H \cdot d$  about expansion of time space, about axial expansion. Universe, then time space 3+3D **doesn't expand, but unpack itself instead** (!) since the Bang at passage of time.

C) – And..and because in GTR surely matter is curving time-space, then also thence it next vision- consideration follows, that **on the big scales continuum of time space will be coherent, smooth and in the direction to the Plank's scales time space will distorts, i. e. curls**, physicists say to it that the **time space on the Plank's scales in vacuum „boils"**, it is „frothy" ( transformation of „smoothness"of time space- nets of dimensions on „pockmarks" of time space nets,I will explain later ) and ...and what does it mean ?, indeed I already wrote it not long time ago ( and nobody !!!!! until now didn't come to with me to discuss proper discussion ).. It means, that **in such foam of time space there are both of them- time and lenght „, quantized" ...why ?**

...indeed if I will make a cut through that foam or flat of that cut, so I observe in it the following things there : clumps and clusters and localities of dilutions ...articles and lacunae, ...compressions and decompressions, ... zeroes and units, ...black and whites, ...alive cat and lifeless one, ...and so on and so on. And why is that of that way? Indeed, therefore, that in the locality of this way crooked- frothing environment of time space, crooked dimensions (of both of them time and lenght ones ) there *interval runs* (let's name it as a point ) alongside very crooked orbits thereby Ye also intervals on time dimension are visible. To observe them „, once in the trajectory of the movement“ and another time upright to area of cut. And another time dimension is even „, cause - woollen" like that surfer wave on such extremely short interval that **even time runs backwards– namely in environment of those Planc's scales, not in large - scale- Universe.**

In vacuum foam all the time/everywhere it proceeds, that even time runs on very tiny intervals backwards- other way round, i. e. against „expansion – unsquashing" of the Universe and

time. Therefore it is possible to build up those virtual pairs, where that one particle from two of them has got inside nesting „ time interval with that opposite flux course ", ( it is antiparticle from anti - world, where time passes conversely, clock-wise but only on extremely tiny interval ...and then they annihilate each other again.)

D) – Well, because all this A), , B), , C), is possible to do with time, and time itself does it ( *passage of time is changing ..., curvature of time changes, ...i. e. time interval unpacks , ... and produces wave-like parcels with inside placed-incorporated intervals of flowing time backwards, ... and so on* ) so for these reasons and visions „ about time" to be evident the next phenomenon :

E) – Universe „ has got" its primary objective screen 3+3D of time space, flat, plane state, infinite one ( state obviously formed already before Bang , but also after Bang as „ screen-net- web" 3+3D, in which „our Universe is swimming ", i. e. fancy crooked states of time space dimensions ).., thus in it then that locality=singularity „ swims", locality of our Universe", which **unpacks itself, but not expands** according to some Mr. Hubble´s opinion. In this primary objective screen- basis- spatio - temporal net-, in web 3+3D of time space all other crooked states of dimensions„ swim", which are just but *matter and field*,

All fundamental particles (Standard model) are built up not „ afresh from Nothing" ( nor created by Creator an- block ) „ as crooked locations- wave-like parcels" namely of those time space- dimensions but this is spontaneous process.., and they then associate/penetrate into the wens = quarks, leptons, baryons - the atoms, molecules, substances =a mankind, ( products of microcosm ) plus stars, galaxies, gravitational field around star bodies and so on (products of macrocosm). This all „ actions" for reasons- causes. For Principle of „ curving" of 3+3D of time space. Summary of point D) : in primary objective screen 3+3D of time space which is plane can „ swim" and *they swim, They are nested into*, thousands , billions of crooked states one another physically , chemically , biologically , mutually connected that the one another are nested - submerged- into objective green 3+3D ...namely familiarly we cannot obviously observe this around us, but we could do it in principle.

F) – And if you Mrs. Joanka this all about time that I am talking about will examine in logical considerations with specialists, then you can actually accommodate for yourself even vision E): it means that the Universe **not only** unpacks to the large - scale – spectrum of the space , **but also it at the same time** with unsquashing - also thickens- envelops- compactificates itself into the „ mini – universe“ = thereinto the boiling vacuum. Namely even unsquashing parallel to simultaneous pelletizing functions- runs here and there everywhere all around us : on Wenceslaw Square,, Near the ground pond, at home in bed, on hall schools, simply ... simply : where you peep, there you see „ point- singularity" ( billions of points- singularities ), which just unpack themselves and pellet **c o n c u r r e n t l y** and at the same time ...everywhere, everywhere, everywhere without any exception and independently.

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