

Ideas I'm still refining.

No, you will never understand the universe until you understand HDV <http://www.hypothesis-of-universe.com/en/index.php?nav=home> , above all the new and youngest ideas, i.e. from the last 5 years. For example, a sample here:

"Our universe", after the big bang, is the "final place" in the middle of Euclidean flat infinite 3+3D space-time, the state before the big bang, which is flat, infinite, without matter, without chow flow, without expansion, how else, ... Our universe it is a state that begins - occurs with a Big Bang, which is not an explosion, but a change from the previous state to the next, to a plasma state, which is an extra high curvature of dimensions = dimensions of two quantities. It is a boiling (true) vacuum, it is a foam of dimensions, that is, it is a final location in an infinite flat space-time that "floats-floats" in it. This basic "web-grid" as it was before the big bang is still around us, it exists not only before the big bang but after it, it is around us and we and the whole complex universe with matter and galaxies and black holes and gravitational fields are floating in that flat 3+3D network of spacetime. It's also beautiful that even a mathematician will wonder if he doesn't have to explore "how" big the singularity = "locality = our universe" and have to recognize the possibility of proposing the reality that in the infinite 3+ 3D non-curved space-time has a finite location arbitrarily large, even this location is almost infinite and almost zero...!! Not even a mathematician can determine how big a "unit" is - a unit interval of length or time in an infinite gridded grid of dimensions. That place is "our universe", just one.(!) No nonsense like "multiverses. And the Big Bang was not the creation of the universe "from nothing" (as string theorists claim), but it was a "jump = a jump change of state" from the previous to the next, I repeat : from previous to subsequent state, i.e. a "jump" from completely flat spacetime to completely curved spacetime, with extremely curved dimensions that expand (!) 13.8 billion years!!!!, a) expand, not expand into a global "real macro-structures" (the sky full of galaxies and everything we see into the "macroworld" is "floating", the differently curved dimensions of every place in the macrocosm we can see) and b) are packed away after the big bang !!!! in the microstructure = in the microworld and into matter !!!! ; they are packed (those dimensions) after the big bang into packages-bluns = elementary particles and these are further packed into more complex conglomerates, i.e. into atoms, molecules, into chemical-biological compounds. Etc, etc..., etc., as I have described elsewhere, for many years I have been describing the manner and mechanism by which elementary particles and more complex mass formations are formed from the dimensions of two quantities. (*)<http://www.hypothesis-of-universe.com/index.php?nav=e> According to physicists from Di Valentino's team, this anomaly (our universe and the big bang) could be explained if the expanding universe had a spherical shape. Which is even the same, better if the expansion is explained by "unpacking"! of this "initial" curvature of the space-time dimensions in the Big-bang = in a state of stoppage in which time begins to flow (which was only there before the Bang as a stoic quantity, a stoic state) and begins to expand = space and time dimensions begin to unfold; this state of space-time ultra-high curvature of the dimensions of time and length, is plasma, it is a state of post-Flash plasma, foam. In this foam "vacuum boils", on Planck scales, it acquires wave packets that become elementary particles, our human concept, packets that manifest properties !!, such as mass, rotation, spin, charge, etc. etc. (Each particle has a different number of packed dimensions and a different curvature of these; this then determines their properties). Then such an initial state of the Universe, the

space-time after the Big Bang, is packed-packed, further and further and at the same time (!) expands "out" "of the singularity" into macrostructures. And at the same time it collapses "into itself", into matter. That is, there is a clustering of elements into more complex formations (mass particles, such as quarks, leptons, further on baryons, resonances, then to atoms, then to molecules to compounds - this is the "packing" of packages into more complex conglomerates, and this happens not just after the big bang, but the packaging continues today; the complex mass of proteins, DNA... We still have the Planck-vacuum around us, today, continuously throughout the history of this! Universe..., all around us in the boiling vacuum of planck and sub-planck scales, the same marches are going on as they were a million years ago, as they were a billion years ago, and 14.24 billion years ago right after the Big Bang. This whole "local universe" of curved dimensions is embedded in a 3+3D grid, in a mesh of flat Euclidean dimensions. The universe is "floating", in an endless flat space-time. And at the same time *unpacking...and packing* also takes place from big-bang. What type of curve is the unwrapping for the global version, I don't know, and I thought 35 years ago that this unwrapping was parabolic...; Summary: it means that the universe is expanding, sorry, unfolding not only (!) after the Big Bang and after the relic radiation era, but still all around us today (gravitational curvature is still around, unwrapped, other curvatures, electromagnetic, etc. are still normally .., only the "most global" 3+3D space-time field, gravity, is the most widespread and is immeasurable, how small the curvature is close to absolute flatness-straightness.

"Our universe", after the big bang, is a "local place" in Euclidean flat infinite 3+3D spacetime, (ie the state before the big bang, flat, infinite, no matter, no chow flow, no expansion, how else when infinite.). It's the final location that begins—it occurs at the big bang, which is not an explosion, but a change from the previous state to the next, to the plasma state, and that's an ultra-high curvature of 3+3 dimensions of two quantities. It's a boiling vacuum, it's a foam dimensions, i.e. an extremely curved environment; that is, it is a "finite" Universe in an "infinite" flat space-time that "floats" in it. The basic Euclidean network - a grid, 3+3 uncurved dimensions, in the state before the big bang, it is still around us, it exists not only before the big bang, but also after it, it is around us and we and the whole complex universe with matter and galaxies and black holes and gravitational fields, (which are crooked dimensions), we "float" in that flat basic 3+3D network of space-time. The beautiful thing is that even a mathematician will wonder if he doesn't have to explore "how" big is the singularity = "locality-our universe" and will have to recognize the possibility of proposing the reality that in an infinite 3+3D non-curved space-time there are finite localities, arbitrarily large, that is near-infinite and near-zero... Not even mathematicians can determine how large a "unit" is—a unit interval of length or time in an infinite grid grid. That place is "our universe", just one. No nonsense like “multiverses. And the Big Bang was not the creation of the universe "out of nothing" (as string theorists claim), but it was a "jump = jump change of state" from the previous to the next, a "jump" from a completely flat spacetime to a completely curved spacetime..., with extremely curved dimensions, which have been unfolding for 13.8 billion years!!!!, A) They don't expand, but unfold into the global curvature of the "real structure" (The sky full of galaxies and everything we see "floats" the differently curved dimensions of every place we see). B) And simultaneously with the global unpacking, the "local locations" are packed (in the microstructure = in the microworld.) They are packed into matter !!!! They are packed (those dimensions) after the big bang into balls = elementary

particles, and these are further packed into conglomerates, i.e. into atoms, molecules, into chemical-biological compounds. Etc, etc...etc, as I have described elsewhere over the years. According to physicists from Di Valentino's team, this anomaly could be explained if the expanding universe had a spherical shape. Which is even the same if the expansion is explained by the "unfolding" of this "initial" curvature of the space-time dimension in the Bang = in a state of arrest in which time begins to pass and expand = the space and time dimensions begin to unfold; this state of space-time of ultra-high curvature of the dimensions of time and length, is a plasma, is a state of foam. In this foam "vacuum boils", on Planck scales it acquires by deformation packing mini-localities = "frozen states" - wave spheres-wave packets that become elementary particles, our human concept, packets that manifest themselves with properties such as mass, spin, charge, etc., etc. (Each particle has a different number of packed dimensions with a different curvature of these; this determines their properties). Then such an initial state of the Universe, the space-time after the Big Bang, unfolds, expands "out" "from the singularity" and still, simultaneously further, collapses, "into itself", into matter. This means that there is a clustering, "combining" of matter elements, such as quarks, leptons, bosons, etc. into even more complex units, into baryons, resonances, then into atoms, then into molecules, into compounds - this is the "packing" of curved dimensions into packages, into more complex conglomerates, and this happens not only after the big bang, but that packaging continues to this day; proteins, DNA... We still have the Planck vacuum around us, "yesterday and today", continuously throughout the history of this! The Universe..., all around us in the boiling vacuum of the Planck and subplanck scales, the same processes are taking place as they were a million years ago, as they were a billion years ago and 14.24 billion years ago right after the Big Bang. This entire "local universe" with curved dimensions is nested in a 3+3D grid, a grid of flat Euclidean dimensions.

The universe "floats" in an infinite flat space-time. And at the same time, since the big bang, there has been (realized) the unfolding=unpacking and packing of dimensions. Both at the same time. What type of curve do we have for global unpacking, I don't know, probably a parabola, I thought about it 35 years ago...; This text was *twice "deformed" by a translation from Czech to English and back again to Czech and then once again to English..., I am very sorry for the complexity of the text, which I no longer feel like correcting.

Znovu postavený (vylepšený) text

Part No 01) ““Náš““ Vesmír, po velkém třesku, je lokalitou v euklidovskyy plochém nekonečném 3+3D časoprostoru, je lokalitou konečnou, která začíná-nastane tím velkým třeskem, (což není výbuch, ale Změna stavu předešlého na stav následný) do stavu plazmatu, což je ultra vysoká křivost dimenzí dvou veličin, časoprostorových. Je to vřící vakuum, je to pěna dimenzí ; **je to lokalita konečná v nekonečném časo-prostoru plochém, která „plave“ v té základní euklidovské síti – rastru, předivu nekřivých dimenzí.** Tuto základní „sít’-předivo-rastr“ ve stavu před big-bangem tu máme kolem stále, existuje nejen před big-bangem, ale i po něm, je kolem nás a my a celý složitý vesmír s hmotou, galaxiemi a ČD a gravitačními poli, plaveme v té ploché síti 3+3D časoprostoru. Krásné na tom je, že i matematik bude v úžasu, když nemusí zkoumat „jak“ je veliká ta singularita, „Lokalita-náš Vesmír“ a bude muset uznat možnost návrhu reality, že v nekonečném časoprostoru 3+3D

nekřivém je konečná lokalita libovolně veliká, je skoro-nekonečná i skoro-nulová... Nelze totiž ani pro matematika určit jak velká je „jednotka“ – jednotkový interval délková nebo časový v nekonečném rastru-síti-předu dimenzí. Ta Lokalita je to „naš Vesmír“...jen jeden. A Velký Třesk nebyl vznikem Vesmíru z ničeho (jak tvrdí strunoví teoretikové), ale byl to „skok = změna stavu“ předešlého na následný, „přeskok“ z totálně plochého časoprostoru do totálně křivého stavu časoprostoru.

Part No 02) PředTřeskový stav plochých dimenzí se ve „stop-stavu zvaném Big Bang“ změnil náhle do lokality konečné (neznámo a nepoznatelně jak velké) s nesmírně křivými dimenzemi, které se 13,8 miliard let rozbalují !!!! **Rozbalují se** do globální „reál-struktury“ (obloha plná galaxií, kosmická síť) **a sbalují se** !!!! v mikrostruktuře = v mikrosvětě do hmoty !!!! Sbalují se (ty dimenze) po velkém třesku do balíčků = elementární částice a dál se sbalují na konglomeráty, tj. na atomy, molekuly, do sloučenin chemických-biologických. Atd.atd....atd., jak to popisují jinde už mnoho let. **Podle fyziků týmu Di Valentino by tuhle anomálii mohl vysvětlit, kdyby rozpínající se vesmír měl tvar koule.** Což je to samé, ba lepší, když se rozpínání vysvětlí „rozbalováním“ oné „startovací“ křivosti dimenzí časoprostorových ve Třesku = ve stop stavu, ve kterém začne plynout čas a rozpínat se = rozbalovat se začne prostor; http://www.hypothesis-of-universe.com/docs/c/c_032.gif tento stav časoprostoru ultra-vysoké křivosti dimenzí času a délek, je plazmou, je stavem poTřeskové kvark-gluonové plazmatické pěny. V této pěně = „vřící vakuum“ na Planckovských škálách se rekrutují mini-lokality = „zamrznuté stop-stavy“ – vlno-klubíčka-vlnobalíčky, kteří se v našem lidském pojetí stanou elementárními částicemi. (Každá částice má jiný počet sbalených dimenzí a jiné křivosti těchto; to určuje jejich vlastnosti). Pak se dále takovýto zahajovací stav Vesmíru, časoprostoru poTřeskového dále **rozbaluje a souběžně sbaluje. Rozbaluje se „ven“ „ze singularity“ a sbaluje se „dovnitř-do sebe“.** Pro výrobu elementárních částic hmoty. Čili nastane shlukování elementů (hmotových částic jako jsou kvarky leptony, pak na baryony, rezonance, pak to na atomy, dál na molekuly až sloučeniny – to je to „sbalování“ křivých balíčků do složitějších konglomerátů a **to se děje nejen po Třesku, ale sbalování se děje i dnes ; složitá hmota bílkoviny, DNA..**

Part No 03) (I dnes máme kolem sebe planckovo vakuum). Průběžně po celou historii tohoto ! Vesmíru..., **všude kolem nás** ve vřícím vakuu planckových a podplanckových škál, se dějí stejné pochody jako před milionem let, před miliardou let a před 14,24 miliardami let hned po Velkém Třesku. Celý tento „Lokální Vesmír“ s křivými dimenzemi, je vnořen do 3+3D rastru, do sítě dimenzí plochých euklidovských. Vesmír „plave“ v nekonečném časoprostoru plochém. A přitom od Třesku probíhá **i to rozbalování, i sbalování.** Jakého typu křivky to rozbalování je do globálního provedení, to nevím, a domníval sem se už před 35ti lety, že toto rozbalování je parabolické...; Resumé : znamená to tedy, že Vesmír se rozpíná, pardon, rozbaluje nejen (!) po Třesku a po éře reliktního záření, ale furt, dodnes, všude kolem nás (gravitační zakřivení tu ještě kolem je, nerozbalené, jiná zakřivení čp elektromagnetická, apod. tu stále běžně jsou .., pouze to „nejglobálnější“ časoprostorové pole 3+3D, gravitační, je nejrozbalenější a je to neměřitelné jak hodně-málo se křivost blíží absolutní plochosti-přímce. →

←

Part No 01) ""Our"" The universe, after the big bang, is a location in the Euclidean flat infinite 3+3D space-time, it is a final location that begins-occurs with the big bang, (which is

not an explosion, but a change of the previous state to a subsequent state) into the state of plasma, which is an ultra-high curvature of the dimensions of two quantities, space-time. It is a seething vacuum, it is a froth of dimensions; ****it is a finite location in an infinite flat time-space that "floats" in that basic Euclidean network - a grid, a yarn of non-curved dimensions.**** We still have this basic "net-yarn-grid" in the state before the big-bang around , exists not only before the big-bang, but also after it, it is around us *and we and the whole complex universe with matter and galaxies and CD and gravitational fields, swim in that flat 3+3D network of space-time.* The beautiful thing is that even a mathematician will be amazed if he does not have to investigate "how" great is the singularity, "Location-our Universe" and will have to recognize the possibility of proposing reality, that in an infinite 3+3D non-curved space-time, the finite location is arbitrarily large, it is almost-infinite and near-zero... It is not even possible for a mathematician to determine how big a "unit" is - a unit interval of length or time in an infinite grid-net-yarn of dimensions. That Location is "our Universe"...only one. And the Big Bang was not the creation of the Universe out of nothing (as string theorists claim), but it was a "jump = change of state" from the previous one to the next one, a "jump" from a totally flat space-time to a totally crooked state of space-time.

Part No. 02) The pre-Bang state of flat dimensions suddenly changed in the "stop-state called Big Bang" to a final location (unknown and unknowable how big) with extremely crooked dimensions that unfolded for 13.8 billion years !!!! ****They expand**** into a global "real-structure" (a sky full of galaxies, a cosmic network) and ****they unpacked**** !!!! in the microstructure = in the microworld into matter !!!! After the big bang, they are packed (those dimensions) into packages = elementary particles and are further packed into conglomerates, i.e. into atoms, molecules, into chemical-biological compounds. Etc.etc....etc as I have been describing elsewhere for many years. >According to the physicists of the Di Valentino team, this anomaly could be explained if the expanding universe had the shape of a sphere.< Which is the same, even better, if the expansion is explained by "unpacking" that "starting" curvature of the space-time dimensions in the Bang = in the stop state, in which time begins to flow and expand = space begins to expand; http://www.hypothesis-of-universe.com/docs/c/c_032.gif this state of space-time of ultra-high curvature of time and length dimensions, is a plasma, is a state of post-Bang quark-gluon plasma foam. In this foam = "boiling vacuum" on Planck scales, mini-localities = "frozen stop-states" are recruited - wave-balls-wave packets, which in our human concept become elementary particles. (Each particle has a different number of packed dimensions and other curvatures of these; this determines their properties). Then, such an initial state of the Universe, **the post-Big Bang space-time is further expanded and simultaneously repackaged. It unfolds "out" "of the singularity" and collapses "in-to-itself"**. For the production of elementary particles of matter. In other words, there will be a clustering of elements (mass particles such as quarks, leptons, then into baryons, resonances, then into atoms, further into molecules and compounds - this is the "packing" of curved packages into more complex conglomerates **and this happens not only after the Big Bang, but packaging is still happening today; a complex mass of protein, DNA..**

Part No 03) (Even today we have a Planck vacuum around us). Continuous throughout the history of this ! The Universe..., all around us in the boiling vacuum of the Planck and sub-Planck scales, the same processes are taking place as they were a million years ago, a billion years ago and 14.24 billion years ago right after the Big Bang. This entire "Local Universe" with curved dimensions is nested in a 3+3D grid, in a network of flat Euclidean dimensions.

The universe "floats" in an infinite flat space-time. And at the same time **both the unpacking and the unpacking have been going on since Bang**. I don't know what type of curve the unpacking is to the global version, and I believed already 35 years ago that this unpacking is parabolic...; Summary: it means that the Universe is expanding, excuse me, unpacking not only (!) after the Big Bang and the era of relic radiation, but still, to this day, all around us (gravitational curvature is still around, unexpanded, other curvatures such as electromagnetic, etc. . are still common here .., only the most "global" 3+3D space-time field, gravity, is the most expanded and it is immeasurable how much-little the curvature approaches absolute flatness-straightness.

I believe that my "vague description" will one day see the exact completion of the idea.

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