

## Basic Thoughts on God's Revealed Acting Touching Aspects of Physical Cosmology Horst W. Beck © 2009

[Related background literature by Horst W. Beck:

Variationen zu einer interdisziplinären Schöpfungskosmologie. Frankfurt/M 1999 {VAR}; Light, Space and the Puzzle of Time - [www.institut-diakrisis.de/beckref2.pdf](http://www.institut-diakrisis.de/beckref2.pdf) {GLC}, H.W.Beck Marken dieses Äons, Bonn 2003, 95-142 {GLC}; Vom Geheimnis des Lichtes und der Zeit (On the Mystery of Light and Time). Gott und die Vernunft. Berlin 2009, p. 121-195 {MLT}. [www.professorenforum.de/professorenforum/content/artikeldatenbank/Artikel/2008/v09n02a1.pdf](http://www.professorenforum.de/professorenforum/content/artikeldatenbank/Artikel/2008/v09n02a1.pdf) ]

### 0 Abstract

„Cosmology will never be the same again” proclaimed the astronomer William G. Tifft, faced with the observations of the last decades. The obstacles are the 99,9..% of barely understood dark energy and matter of the physical cosmos, the exponential explosion of recently detected black-holes, the strong periodicity of red-shift in the cosmic spectra and the partly observed sudden changing of the red-shift value of identical previously measured galaxies in a few decades. The question arose: do we see the same galaxies in different physical states lined up on their moving curve? All these and other exaggerated features focus on the mystery of the basic energy form “light”, which constitutes in its electromagnetic feature space and time as an information induced and multidimensional holomovement (D.Bohm). In 1905, anno mirabile, A.Einstein invented two revolutions in physics: special relativity and the quantum reaction of light and matter. The “photon” was born. The next step to general relativity then challenged the standard world view and led to the hot big bang scenario, with its billions of expansion years as conditioning the time frame for the special evolving of galaxies, stars with orbiting planets and eventually expected life garments. But, can we earth bound observers gain information from the sky by other means than the captured light spectra? Indeed, the CCD technique leads to overwhelming picture galleries of the whole sky-calotte – NASA’s benefits! Yet, does anybody really understand cosmic “light”, the biggest mystery ever faced? The CCD analyzed spectra are demanding quantum statistics from space and dark-energy hyperspace. As D.Bohm, C.F.von Weizsäcker, B.Heim and others showed, one needs a complicated quantum hermeneutic as frame of reference to explain any cosmic scenario. The standard hot big bang is hardly to apologize faced with newest apocalypses of the cosmic light field. What will the Geneva’s crash-machine reveal from 2009 on? The God-particle field (L.Lederman)? I intend to convince the reader, that the challenging MYSTERY OF LIGHT AND TIME opens a new possibility to understand the cosmic reality as a scenario of *this eon*. In biblical terms: Creation-Fall-Incarnation and Salvation. There is no contradiction between what we can see by the amazing CCD-pictures and its interpretations by chosen quantum hermeneutics as frames of reference according revealed salvation-history conditions. Naturalistic scenarios must also confess their chosen ideologies. *Cosmology of this eon* becomes a challenging face up to naturalistic ones! In the above named back-ground literature one can find the basics of the proposed paradigm of the splendour of quantized light spheres of the created *cosmos*, which presents in no time and space aspects any *chaos*. In short: ***S(i)-paradigm*** [Quantum-Light-Cosmology – QLC - in contrast to the naturalistic big-bang-standard belief].

## I Introduction

The center of the Christian message, namely that in Jesus, the carpenter's son from Nazareth in Galilee, the creating God became man some 2 000 years ago, had to make its way in the following generation against all the established philosophies and religions of its time. In an environment moulded by religion and philosophy, Christian groups tried to put the essentials of their faith into a nutshell. In the first centuries, the early church struggled to find formulas and made them compulsory in synods. From the beginning it was important to proclaim the one God as Creator of heaven and earth in contrast to different views of gods and the world. Further, the one Lord Jesus Christ was to be confessed as the Son of this almighty God of creation and salvation. The so-called Nicaenian creed of 381 is the basis of the creeds of almost every denomination:

*We believe in one God, the almighty Father, Creator of heaven and earth, and of all that is visible or invisible; and in one Lord Jesus Christ, the Son of God, the only Son, begotten from the Father before all eons, light from the light, true God from the true God, begotten, not created, equal in nature (homousion) to the Father, by whom everything has become existent...*

Its beginning reveals the importance of the Christian belief in creation. The task of Christian theology is to explain the creed in the context of the prevailing philosophy of science and religion.

The New Testament testimony sounds on Jesus Christ: *"God's secreta... is Christ himself. In him lie hidden all God's treasures of wisdom and knowledge" [Col 2,3]. "He is the image of the invisible God; he is the primacy over all created things. In him everything in heaven and on earth was created, not only things visible but also the invisible orders of thrones, sovereignties, authorities, and powers: the whole universe has been created through him and for him. And he exists before everything, and all things are held together in him..." [Co 1,15-17].*

We conclude: the proper basics, the outstanding own-value of the Biblical and Christian message in contrast to the most religious and metaphysical issues, is just the very relation of the whole, the created universe, to Christ as creator and redeemer. So from the very beginning of Christian believers and their communities the ambition to grasp all aspects of creation and life under the faith on Christ, respectively the Triune God, was fundamental. So the biblical good news spread out to the horizon of mankind, was a deep challenge to all thinkers, philosophers, and scientists. This challenge founds the very interesting twist between philosophy, ethics, science and belief for now about two millennia, at least in the Western realm. What an exciting history - where faith and science clash! This twist is in the 3<sup>rd</sup> millennium just as actual as since Christ's incarnation. So we have to clear the actual and future task for Christians, respectively for both, scientists and theologians.

## II Salvation History and Cosmic Time

Consequently a basic statement sounds: God’s sovereign initial and perpetual creation activity does not need mediating by beforehand bestowed abstract *laws of nature*, which should guarantee self organizing procedures to evaluate the things. Just this naturalistic start-point give birth on the than needed enormous time horizons. Time is the central stumbling block between natural world concepts and a consequent creation and history view as Heilsgeschichte (salvation history).

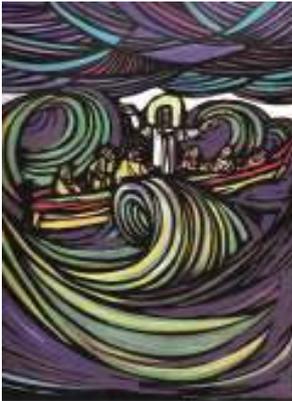


Fig. 1

Was ist das für ein Mann, dass ihm sogar die Winde und das Meer gehorsam sind?

"What sort of man is this, that even winds and sea obey him?"

Mat 8,23-28 par

So let us first clear up this stumbling stone. A short report of an exemplary godly deed of JESUS, the incarnated GOD’S SON, provokes: He met a leprosy ill man and spoke: “be health”, and the leprosy ill man was *suddenly* healed [Marc 1,41]. The report by MARC underlines “*at once*” The full-mighty acting of Jesus by word’s command and sudden realization for the eyes of watchers is in no way an interruption of *natural laws* [Fig.1<sup>1</sup>. It

is like the contrary: it is the demonstration how the in the following sketched projection chain, mathematically treated, by the German physicist B. Heim according to Fig.2 from <G4> unto 4-graded EINSTEIN-space-time, works: Coordinates of the material world and the 6 Coordinates of the non-material background:

$(x_1, x_2, x_3)$	$+ (x_4)$	$+ (x_5, x_6)$	$(x_7, x_8)$	$+ (x_9, x_{10}, x_{11}, x_{12})$
Space	Time	Structure	Information	Realm G4
R3	T	S2	I2	G4

K.POPPER-J.C.ECCLES: P-E I

P-E III

P-E II

<sup>1</sup> Fig.1, Fig.7: Josef De Ponte: Die Heilsbotschaft in Bild und Wort. Stuttgart 1967

<b>Projection chain form G4 into the material world ac- cording to W. DRÖSCHER - B. HEIM ( R3</b>	+	<b>T )</b>	<b>&lt;-- S2</b>	<b>&lt;-- I2</b>	<b>&lt;-- G4</b>
Figure 2					
<b>Space</b>	+	<b>Time</b>	<b>Structure</b>	<b>Information</b>	<b>Realm G4</b>
<b>( x<sub>1</sub>, x<sub>2</sub>, x<sub>3</sub> )</b>	+	<b>( x<sub>4</sub> )</b>	<b>( x<sub>5</sub>, x<sub>6</sub> )</b>	<b>( x<sub>7</sub>, x<sub>8</sub> )</b>	<b>( x<sub>9</sub>, x<sub>10</sub>, x<sub>11</sub>, x<sub>12</sub> )</b>
<b>material World</b>				<b>Non-material Back- ground</b>	

In 2001 died a German theoretical physicist, BURKHARD HEIM, leaving behind four volumes<sup>2</sup> on a basic quantum field theory [developed over 50 years]. B. HEIM graduated in theoretical physics at the University of Göttingen 1954. But as a disabled invalid (crippled by a war accident 1944) he was prevented from an academic carrier and so he could spent his lifetime for this work. As HAROLD E. PUTHOFF in 1997 was informed on the theory by a group of German physicist, he stated: this stage of theory overtakes the American scenery in super-gravitation (TOE) for three decades<sup>3</sup>.

In short some features in my interpretation: B. HEIM started the KLEIN-KALLUZA way of a total transformation of all forces in their geometrical dimension, inclusive geometrical aspects of *information-causality*, by respecting the results of quantum theory. So the basic feature of space-time is a *discrete* one, and the fabric of space needs a discretely describing not in differential equations (as GRT), however by a set of discretely formulated difference-equations for all mutual effects on the base of PLANCK-WHEELER structure of hyper-space. Fascinating solutions of the basic set of difference-equations were found. One could imagine a primordial expansion phase with the result of a nearly static cosmic web of PLANCK-cubes, by HEIM called *metron*. It is not a sea of randomly moving PLANCK-particles-pairs, treated by BARRY SETTERFIELD in its timely evolving. It is a space-time corset for all thinkable events. In this cosmic grid as a three dimensional and finite standing wave set, each space-time-point in form of a discrete PLANCK web-mesh, may be accessible by mathematical algorithms. This theory with its solutions leads to a multidimensional hierarchy of coordinate-spaces, ending in the mathematic way organized causation regimes. All

<sup>2</sup> On B.Heim see: Variationen {VAR} 6.3. 81-92.

<sup>3</sup> [[http://people.blinx.de/behemoth/protosimplex/protosimplex\\_e.htm](http://people.blinx.de/behemoth/protosimplex/protosimplex_e.htm)]

events appearing in the foreground of fourfold EINSTEIN-space-time are projections from hyperspace creation-background.

Cosmic phenomena are suggested as projection of hyperspace and have a deeper causation as the measurable and observable realm. According to B.HEIM as well as D. BOHM, the basic force besides gravity and electricity to hold and run the cosmos is information, projected from an immaterial source to the visible space-time reality. The French Philosopher JEAN GUITTON, in discussion with the Russian physicists GRICHKA und IGOR BOGDANOW, points out in his *meta-realism*<sup>4</sup>: we and all cosmic objects are swimming in a basic information field. So space and time itself are relative to this information cause.

Natural processes are complementary: The dialectic between *stationary* and *contingence running*. The *normal* is stationary and its probability is nearly *one*. Thus we speak the metaphoric way of *laws of physics or nature*. E.g.: The famous GALILEI formulated the *law* of falling objects. That's of course our quite normal experience. But according to the quantum logic, sketched in multidimensional quantum field theories by B. HEIM and D. BOHM, with a logic rate of probability we have to account for so named *contingence events*. The last are in no way random, rather controlled and induced by an accompanying immaterial latent leading level. The above projection picture (Fig.2) sketched this *downward causation*. DAVID BOHM, the famous Scottish quantum physicist and philosopher of the quantum reality came in his life-work to a B. HEIM sustaining conclusion: we and all physical reality are embedded in a *implicate order* with a steady active information, stimulating the projection process onto the special realms of *explicate orders*. This domain of *explicate orders* is like the playfield of special sciences also in physical and mathematical features. The steadily active projection's chain can't be handled reversely and confirms strictly *downward causation*, the above sketched theory explication of B.Heim [Fig. 2]. This quantum-theory wisdom must be strictly held in vision for cosmological theoretical endeavors as special explicate orders. D. BOHM argued: the whole cosmic process is due to active information and a quantum process, a *holomovement*. This *holomovement* can't be grasped the EINSTEIN's way by differential equations, his for most physicists amazing geo-metro-dynamics.<sup>5</sup>

For instance, the birth of the whole galaxy system with all parameters of order and stability could be grasped in terms of B.HEIM's theory as spontaneously and simultaneously induced by hyperspace circumstances. One can this initial scene, the sudden birth of galaxies in their rotation and gravitation dynamics, and radiation activity interpret in terms of B. Heim as a space-time rupture at  $T_{gal}$ .  $T_{gal}$  signs the birth-time of "this eon" in its than valid characteristic.

Space-time conditions and mutual forces to run are results of originating, say creation, phase rupture (sinf-fall), conservation and the holomovement accompanying directing, and not their conditions! Hence you can't calculate backwards to the origin of a cosmic system on the stationary conditions now experienced. The contingence events are not to calculate. That's consequently exhausting the results of quantum theory.

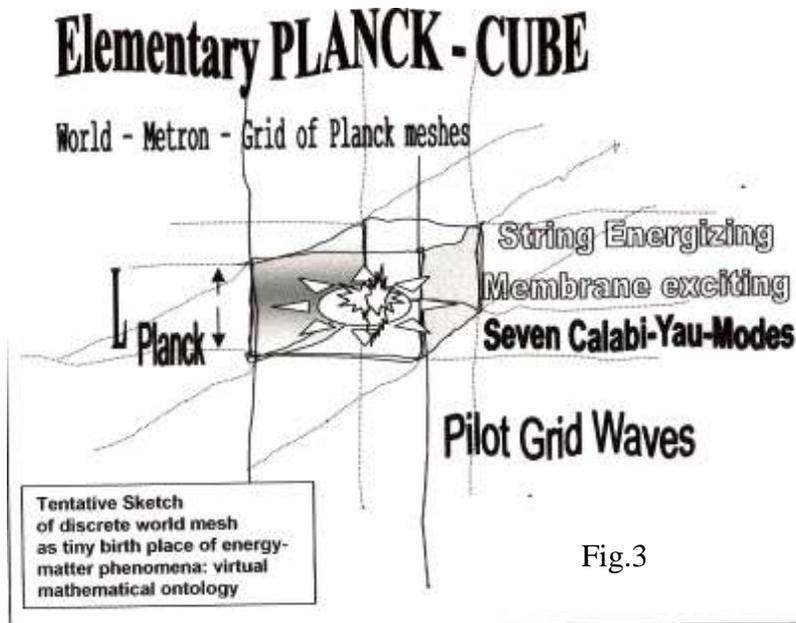
<sup>4</sup> Jean Guitton, Grichka und Igor Bogdanow: Gott und die Wissenschaft. Auf dem Wege zum Metrealismus. München 1992.

<sup>5</sup> {VAR} 5. 44-76; {QLC} 2.6.-8., 110-133; {MLS} II.5. Verführerischer als der DARWINismus - der EINSTEINismus ? Ungewohnte Nachlese über das Einstein-Jahr 2005. [www.institut-diakrisis.de/darwinismus\\_einstein.pdf](http://www.institut-diakrisis.de/darwinismus_einstein.pdf)

We should verify that there is nowhere pure *physical* reality. Each phenomenon on the creation stage is rooted in the three POPPER-ECCLES-aspects. Of course, an elementary particle, an atom as a special particle feature, and mainly the basic creation strata called *metron* by B.HEIM, are touched.

After a primordial expansion phase of this world grid of PLANCK-cubes – this phase should be maintained in the secret of God’s original acting and not subdued to an object of science<sup>6</sup> – we gain the astonishing multidimensional topology of space in the above mentioned double sense: corset for created entities and medium of GOD’s sovereign ruling the things. According to some results of the multidimensional quantum-field or hyperspace-theory of B. HEIM, we can sketch the following features:

The discrete *metron*-web of PLANCK-cubes is a limited, finite, energetic substance, presented in 3 space-like dimensions by a standing pilot-wave, swinging on the PLANCK-wavelength  $L^*$ <sup>7</sup>, energized from a central emitting and back-flashes receiving source.



In the double picture of quantum theory, it is likewise a basic creation substance of the DE BROGLIE-wavelength  $L^*$ , or a universal wave. So the basic quantum stage presents a finite quasi-EUCLIDIAN space scaffold for all possible creation entities. Concrete entities may bow this ground stage by the effects of gravity and electromagnetic mutual effects. In this second influence realm discretely formulated relativity as a special *explicate order*

may count.

One of the most striking results of the B.HEIM-theory is the mathematical concern of this ground stage of creation: each space-time-section may be addressed by a mathematical algorithm. So an additional digital feature of this space-time corset is revealed. Those pilot waves<sup>8</sup> with a stretching speed of nearly infinite value are bearing controlled information to induce addressed PLANCK-cubes. The basic substance of creation, the *metron*-web, is also a digital one. It presents the capacity of a cosmic internet bestowed with inconceivable computer and message capacity. As also J.GUITTON’s meta-realism indicates: The basic substance of creation proofs as a cosmic information matrix.

<sup>6</sup> Hubert Gönner: Einführung in die Kosmologie. Heidelberg u.a.1994, speaks in his Elementary Cosmology concerning the class <of inflationary theories>, stimulated by Alan Guth, soberly of the era of mathematical myths. Variationen {VAR} 55.

<sup>7</sup>  $L^* = 1,6110^{-33}$ cm. Variationen {VAR}, 125.  $L^*2$  s. c. PLANCK-WHEELER-elementary plane.

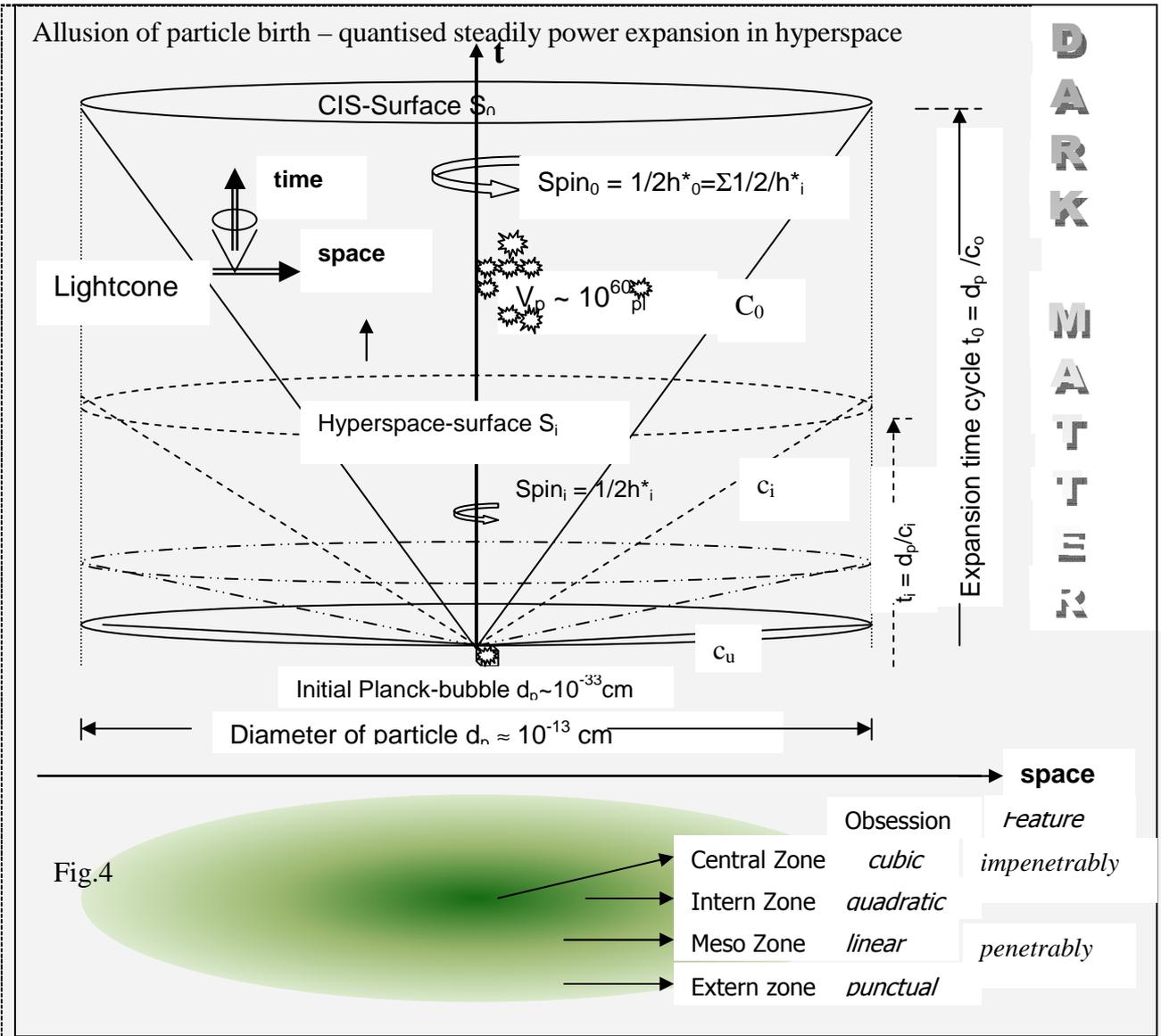
<sup>8</sup> The QCD (Quantum Chromo-Dynamics) of elementary particle shows as incomplete und demands the hypothesis of a universal field of energy reservoir, named a scalar HIGGS-field. The scalar representation reproves on information characteristics and touches the *metron*-web of B.HEIM.

In line with the above touched projection theory of B.HEIM, each space-time-unit can be a kernel of energetic stir to project a special elementary particle by power expansion from  $10^{-33}$  cm – string feature - to the range of  $10^{-13}$  cm – elementary particle stage. The particle feature is programmed by informed and in modes conditioned strings.

B. HEIM discerns three kinds of spontaneously from primordial hyperspace induced projections in the fourfold EINSTEIN spacetime to rays, respective particle features: the photon light cones, the ponderous electric neutral *neutron* and the charged ponderous *proton* and *electron*. Those phenomena are likewise the sources for the gravitation fields. This basic projection found the hyperspace-dynamics the mathematics' way. The birth of an elementary particle as a sophisticated projection chain results from a kind of storm of information bits ( $10^{40}$ ), hierarchically controlled by the three imaginary coordinates  $x_4 - x_6$ . The bit-storm invades a selected manifold of PLANCK-cubes. One can roughly estimate for the COMPTON diameter  $D^* \approx 10^{-13}$  cm of a particle an amount of  $\approx 10^{60}$  affected cubes. Electrical charge and gravitation effects were understood as specific space distortions in the granulate of PLANCK-size. It is really bold to imagine or sketch features in such a tiny creation horizon. But the stimuli came from super-collider results, were particle collision traces led to the threefold quark understructure of nucleons, inner swinging turbulences of the nucleons. From here the diverse string issues took the mathematical way onto the converging p-prane swing type, representing information configurations in the PLANCK-web.

Following tighter the B.HEIM-projecting chain, contingently induced materialization to concrete particles starts from  $G_4$ , as the treasure of mathematically configured primordial constraints of the possible creation entities, mediated through the coordinate background spaces [12], mathematically appearing as quantum probabilities and imaginary information coordinates, selecting the addressed PLANCK-cube realm with a very specific excitation, inducing the feature of a particle, charged electron or neutron or charged proton.T

The picture of a cloud of steered up PLANCK-particles, respective PLANCK-cubes forth oneself. The two named regulative coordinates ( $x_5 = -i\varepsilon$  and  $x_6 = -i\eta$ ) steer the time elapsing ( $x_4 = -ic_i t$ ) of inflationary power expansion from the central PLANCK-string set onto the particle cloud sphere ( $10^{-33} : 10^{-13}$  cm). Quantized light cones ( $c_i$ ) may drill the energetic resource of transitory pilot waves of the metron set into analogously quantized spin fractions of the PLANCK cube collective ( $\approx 10^{60}$  cubes). So we suggest in the line of H. ARP a quantization of encapsulated spins  $\frac{1}{2} h^*_i$ . The surface spin of the concerned fermions, electrons and nucleons, in the accessible CIS-realm of EINSTEIN-spacetime counts for the sum of encapsulated spin quanta  $\frac{1}{2} h^*_0 = \sum_i 1/2 h^*_i$  [ $'_0$  for 'Cis'-surface,  $'_i$  for embedded hyperspace part;  $h^* = h/2\pi$ ]. The fruitful theory of DRÖSCHER-HEIM showed, how this touched projecting events lead to the basics of quantum-theory, mainly the HEISENBERG'S uncertainty conditions  $\Delta x \Delta p \geq 1/2 h^*$  and  $\Delta t \Delta E \geq 1/2 h^*$  which guarantee the ZPE of hyperspace as the significant energy realm of creation. In the projection chain reality the uncertainty principle is induced by accompanying subspaces, which sign the openness for immaterial information, guiding the phenomena of CIS-surface of creation.



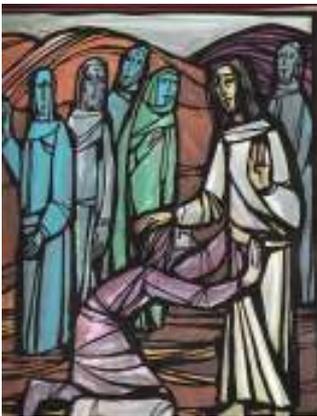
In the framework of above sketched light-cone diversifications ( $c_i$ ), we have to follow the hyperspace-birth of particles from the PLANCK-web onto the CIS-surface. One speaks of a stationary power expansion from the basic string configurations inside an initially excited PLANCK-bubble, spreading the bit conditioned constraints in a spin rotating cloud of PLANCK-grids, with sub-features of quark confinements and spin-fractions, according to the light-cone quantization. The quark confinement, invented by M.Gell-Mann 1967 and since refined to the QCD-model of elementary particles for the accessible CIS-side, may count for the stableness of nucleons during eon-time. The electron's PLANCK-bubble cloud seems weaker and convertible to other particle forms.

Coming from this basic projection chains according to B.HEIM's hyperspace dynamics, *Gedankenexperimente* on the atom highlights invades the imagination. The insight, that the speed of light will be characterized by the physical properties of transgressed medium also providing the hyperspace dynamics, may now be accepted to *normal physics*. The cosmological theories of V. TROITZKII, the Russian astronomer from Novgorod/GUS<sup>9</sup> and B. SETTERFIELD's proposals on the subject showed, that the stableness and geometry

<sup>9</sup> [VAR] 69ff.

of atoms will not be affected by changing light speed, even if the spins and orbiter velocities of electrons were ruled by speed of light. Just the PAULI-law of possible energy status', bearing the fascinating structure of periodicity of elements and the chemical laws of quantum reactions, combining the atomic elements onto the world of stuff and creation entities, seems not being depending on the numerical value of the speed of light. The main reason may be the quantization of the light cones itself in the mystery of hyperspace. The PAULI-law in the CIS-sphere of atoms and elements, seems to be rooted in the quantization law of light-speed cones of the hyperspace dynamics. So there reveals a harmonic's scale from the fine tuned string constraints directed by the  $x_5 = -i\varepsilon$  – and the  $x_6 = -i\eta$  - entelechy-coordinates through the quantization of light cones and spins, the way of power expansion onto the CIS-particle level eventuating in the atom's countenance.

Each the atom constituting particle, the nucleons and the orbiting electrons, are worlds of its own, deeply rooted in the hyperspace dynamics, representing besides the radiation quanta of energy of the PLANCK-web metron, the main amount of ZPE.



Within the HEISENBERG-swell the wonder of healing, say the new creation of cells and skin-webs, may be of limbs and eyes, comes to pass in the visible CIS-world. Hidden in the hyperspace-mystery, we imagine a storm of regulated bits (implicate order) invading the (explicate) subspace order with the visible result of the healed body [Fig.5]. A wonder in this sense: the stationary surface probabilities are shifted to the normally unexpected: that can be really seen and led the watchers praise the LORD. But this is an additional demonstration of the validity of *quantum theory* with the well foundation of [PCC].

At this point of reflection, it will be of advantage for the further efforts to make a fundamental distinction or definition: CIS-realm of creation = physically accessible energy-mass part form elementary particle sphere to in principle visible galaxy horizon, namely the work realm of *normal physics as explicate orders*. TRANS-realm = dominant hidden energy-matter of s. c. vacuum, better hyperspace, the touch realm of *new physics*, without any chance to exhaust the affairs of *implicate order*. [Energy-matter relation CIS: TRANS ~ 1 :  $10^{100}$  reveals as experienced foreground reality to hyperspace embedding like endless].

The DROESCHER-HEIM [PCC] is the key for the stumbling block of time to understand *nature*, better to say: *creation*. Man with his mandate to work needs time to handle the given things as craftsman or subtle technician the way of CIS-physics, chemistry, electronics, and so on. Natural processes need time according the experienced and statistically formulated CIS-laws. Man without a vision on an all-mighty creator are misguided to belief on s. c. *natural laws* as the actors to self-organize the complex things as stars, galaxies, planets with organisms. The NOBEL-laureat KONRAD LORENZ stated: *Evolution* of organisms needs three constructors: *time, random chance, selection*. >Time< gains the hypostasis of a creating subject: the central challenge of naturalism!

Seeing stars and galaxies in its present gravitational and chemical dynamics, presses in the flair of natural world view to propose gigantic time horizons, partly with the

top postulate of infinity, for instance the way of mix-master conceptions, where our believed big-bang expansion phase is only a special one in endless changing eons and universes.

Free from this naturalistic pressure, the under Christians and Jews world wide intended creation-theory meanwhile has gained fruitful competitive alternative-paradigms: in biology via the by FRANK MARSH<sup>10</sup> established and by experts developed *basic-type concept*, in geology via by some experts forced *flood models*<sup>11</sup>. The astronomical and astro-physical framework seems very insistent for adapting on a Biblical horizon of God's sovereign acting on the well-concern of his human creature.

Let us focus on the key: if we concede gigantic space dimensions in the fourfold EINSTEIN-spacetime, a clever and irrefutable argument seems at first glance: a faire and honorable Creator does not deceive his creatures with old-shining and pseudo-time-spanning creation features! Has God really created the light-bridges between very distant light-sources to fib us in our time-imaginings? [PCC & QLC] offer a surprisingly fascinating solution for our intelligent responsibility, with which the Creator has bestowed us. Who is willing to satisfy his intellect, may study and strengthen [PCC & QLC]. Best theoretical physicists and mathematicians merely reach the goal, as Gods creation wisdoms transcend all human endeavors! Nevertheless some key highlights can be grasped: light in its quantized hyperspace and CIS-characteristics is such a basic wonder to establish and rule the creation, that the observing and modeling scientist, better we all, may bow our knees.

The [PCC, Fig 2] projection-wisdom combined with the quantized light medium reveals a quasi timeless and merely energetic ground dimension as a mathematically handled information sphere, named symbolically  $\langle G4 \rangle$ . In this basic realm all in  $S_0$  as hyperspace projection appearing entities are predisposed. We met the creation sophistication of quantized atoms [Fig. 4], which realize the wonder of in the hyperspace-dimensions hidden shadow worlds. One striking conclusion of [PCC] was the expectation, that suddenly and simultaneously at all space-time-points atomic and complicated molecular structures can appear on the CIS-stage, the absolutely contingent way. Quantum theory by its very confinement underpins this by implicate order shifts of probabilities – from quite normal to incredibly unexpected bundles of events. Nevertheless the stationary running of things, which can be handled by normal CIS-physics and CIS- techniques are dominant for our normal wellness and daily affairs. This bestowed dominance is likewise a protection to don't steadily experience the paranormal. For a consequent naturalist, life, science, and worldview freedom is this way granted.

B.HEIM, by his developed [PCC], states  $T_{gal}$  as absolutely contingent on the one hand and estimates on the other side the possible time horizon for the than following galaxy dynamics in billions of years, harmonizing on standard cosmology. [PCC] itself lets  $T_{gal}$  open as a free parameter. In this case Biblical constraints count.

To force the discussion of time horizons to the crack point: [PCC & QLC] put the causation of order and gestalt of visible phenomena into the projection chain of hyper-

<sup>10</sup> Frank March s. Junker-Scherer: Evolution - ein kritisches Lehrbuch. Giessen 6.Aufl.2006.

<sup>11</sup> M.Stephan: M. Stephan / T. Fritzsche: Sintflut und Geologie - Schritte zu einer biblisch-urgeschichtlichen Geologie. Holzgerlingen/Stuttgart 2000.

space beyond the swell of appearance in the  $S_0$  foreground. In the coordinate subspaces the causation procedures in its information ruled steps run in its own-time, quantized by light-cone fractions. In  $\langle G4 \rangle$ , where  $c_u \rightarrow \infty$ , and  $h_u \rightarrow 0$ , time elapsing and energetic backlash vanish in favor of pure information mathematics.

To say it as a provocation: the naturalistic time spreading from present to the past or future in billions of years may be a crucial misunderstanding of the essence of light and jostling away the hyperspace ontology. Hence [QLC] offers surprising solutions. Looking at the sky by the modern super-telescopes one may be overpowered by the fantastic scenery of stars, galaxies, the plenty of intergalactic physical events.

Because the time-horizon problem seems indeed the heaviest demand for our intellect, I'll try to focus it once more: one can put the causation chain of events the way of linear time steps modeled in any kind of evolutionary process-chain into the past and reach any primal chain-member, even the hypostasis *unlimited*. E.g. a *hot big-bang*, an endless mix-master scenario, a primal organic molecule, a primal cell, and so on. The now by PCC offered alternative reveals as the hyperspace-projection-chain, where endless time and space-steps eventuate in quasi-time- and space-less mathematically ruled information sets. Our experienced CIS-sphere is really open on each space-time-section, either in any past as in any present or future of our  $S_0$  fourfold EINSTEIN space-time.

Above we have discussed the trick of St. Hawking: our physical world shows proposed and dispatched from an abstract mathematical imaginary space, conditioned by unfixed and senseless probabilities, the only accepted border condition. Our big-bang world results from a chance bubble, than spreading physically out under this border conditions. This big-bang-world is consequently closed and functions under the initial bubble conditions and the pure physical laws. The message sounds: there is no Creator possible and needed.

If we take the Biblical account of mankind on earth historically and ontologically serious, we will reach from the present, where we do astro-science, to the past events borders of our eon-science. The important past-border shows as  $T_{gal}$ , the simultaneous and ubiquitous birth of the whole galaxy macro-edge. The sketched situation in astro-sciences and cosmology is now a quit another with appreciable edge-points, which are to strengthen:

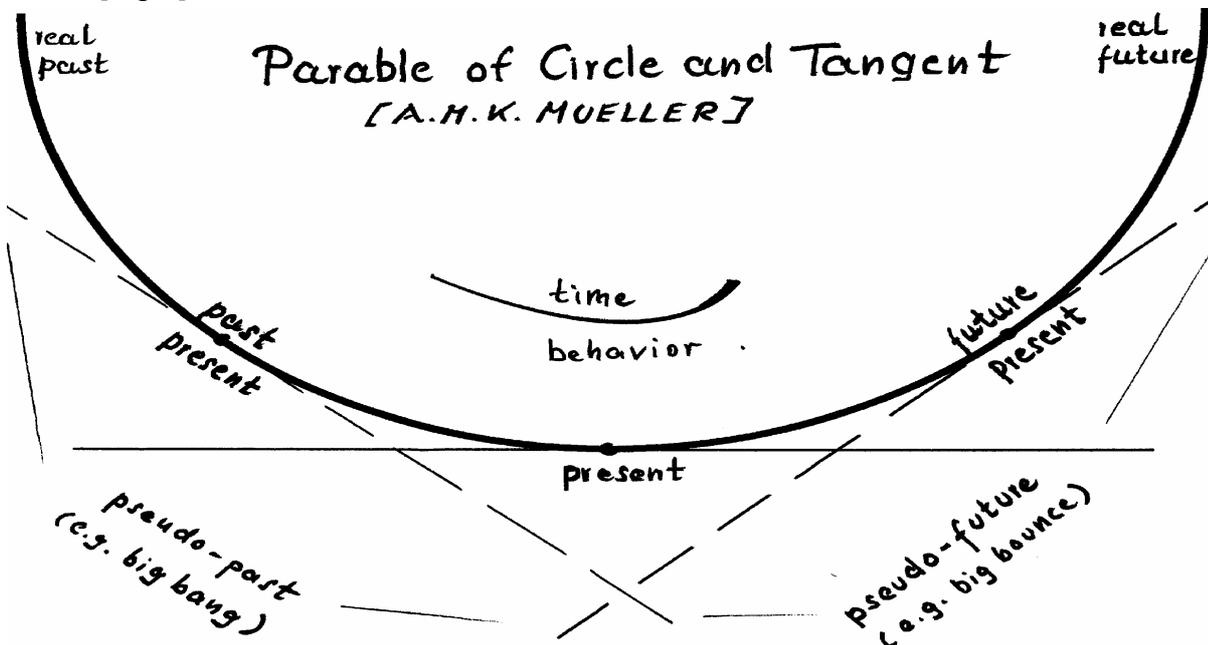
A reconstruction of the history of nature of the kind "what it will probably have been like" measured on our quit normal experience and physics, is employing the principle of the so called *actualism*.<sup>12</sup> It states that a scientific reconstruction of the history of organisms, the earth, or the cosmos, must take present experience as a measure, this being the only plausible one. If the *laws of nature* with its locally valid amounts, that form the basis of our present experience, should themselves be subjected to change either within the course of history or in the tension between stationary or contingent induced, this kind of reconstruction would yield a pseudo-history, founded on assumptions of constancy or symmetry that cannot be substantiated by science. Moreover, there is the general assumption of a mono-causal

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<sup>12</sup> Jitse van der Meer: The Uniformity Principle. In: Hierarchy - Towards a Framework for Coherence of Faith and Science (Pascal Centre Publication. Academic Series No.1), 1989, 25f.

connection of effects that is itself of metaphysical or even mythological character. We are confronted with a myth of uniformity that produces dummy realities in both past and future.<sup>13</sup>

The physicist A. M. Klaus Müller chooses the parable of circle and tangent<sup>14</sup> and states [Fig.6]:



*"The tangent is a straight line that touches the circle in one point. This point is an image for the present. Suppose that the circle be the true course of history, which in this image is bent. The question is: are we really looking at the past along the line of the circle - or are we looking along the straight line, obtaining consistent results down to some earlier point of the line - the big bang - but still diverging from the true past? I doubt that the big bang represents the true past of the universe. Instead it is my belief that the big bang is the past we will necessarily yield if we look back from present conditions."*

### III Summarizing Reflections on Time of This Eon and of the Whole Creation

We are already faced with the question of time. Is there any sense to speak of the age of the universe, the whole? Reviewing the way to make models of the whole we knock to some naturalistic tricks. The first: reduce reality to the behavior of gravitating matter; the second: overlook the electro-magnetic influence on structural regimes; the third: smear over all structure in matter aggregations to a super-fluid of mass; the fourth: forget all life aspects; the fifth: don't worry about the open micro-horizon with its hidden causation regimes; the sixth: postulate the constancy of basic values over all times and spaces. This way you get a closed naturalistic set of matter behavior which you can handle the model and mathematical path.

This did ALBERT EINSTEIN, making a space-time bunch to formulate a relativistic field theory in differential equation terms over a virtual geodesic particle path. It is very exciting, that until 1920 Einstein tried to find a solution for a static universe by introducing a cosmic

<sup>13</sup> Cf. Alma von Stockhausen: Entwicklung, der letzte Gedanke? In: Remigius Bäumer (edd.): Verabschiedung oder naturphilosophische Weiterführung der Metaphysik? Frankfurt am Main 1990, 11-40.

<sup>14</sup> A. M. Klaus Müller: Das unbekannte Land - Konflikt-Fall Natur. Stuttgart 1987, fig. 1.

anti-gravity term. His pantheistic intention was to avoid any singularity which would clash with his continuously and more aesthetically rooted worldview and his uniformitarianistic presuppositions. This way the question of an age of the whole disappears.

It was about 1924 a kind of revolution, as JOHN HUBBLE found a correlation law between the red-shift in the radiation spectra of cosmic sources and their brightness. Since this empirical correlation was interpreted as an indicator for an expanding universe, cosmologists found a *big bang* solution of EINSTEIN's field equations with that time singularity: Now the matter cosmos has its age: billions of years! Some Christians and theologians estimate this standard view as a strong indicator for *creation* and very compatible with the doctrine of creation.

For those the HARTLE-HAWKING issue is a challenge: no singularity in time and no edge of space: the self-sustaining matter entity needs no Creator! HARTLE and HAWKING have strongly criticized some ideal conformity presuppositions of too simple GRT-solutions of the so called FRW-worlds<sup>15</sup>. In the out of the quantum vacuum decay by the path integral method<sup>16</sup> deduced random wave-function of matter status, a destiny cosmos time arrow again disappears.

In spite of this challenging situation for big bang cosmologists - loosing a consistent theory for the s. c. standard scenario - they fix on two observable data realms: firstly the named *cmb* and secondly the *red-shifts* of spectra. But both data sets could be interpreted quite the contrary way: the *cmb* and the *red-shift* as signified.

I dare to indicate the *naturalistic* approach to establish a destiny age of the matter cosmos as failed, concerning the observable and the explanation power of theories. True to the introduced hermeneutic principle, not shying the term over-cutting between theology and science, as there is no pure *nature* besides *creation* and no pure *scientific truth* besides biblical revelation, we dare to reevaluate the *time* question.

In *this eon* recent mankind lives after the big flood, named *sin-flood*, and the act of dropping out of Eden, named the *sin-fall*. Both past events are tangible in all mankind traditions. Should we handle these messages from the past as historical facts, which also touch the physical and biological realm? Concerning the *sin-flood* we are stirred up by a fascinating publication of the two geologists Alexander and Edith Tollmann of the University of Vienna: "Und die Sintflut gab es doch (And there was really a *Sin-flood*)". Both are no *creationists* and attack the Bible traditions! They emphasize to leave the *actualism* in geology and come back to a strong huge flood catastrophe. They date the global flood on 7500 B. C. The real history of mankind and the surrounding earthly ecosystem bear the scar of this judgment *sin-flood* by God<sup>17</sup>. But what an obstacle *sin-fall* as a historical date, with relevance to geology, cosmology, mankind and bio-spheres? Let me contemplate:

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<sup>15</sup>. Friedman-Robertson-Walker-worlds. {VAR},55-57-

<sup>16</sup>. For the path integral method see Bernulf Kanitscheider: Physical Cosmology, 348.

<sup>17</sup>. The full title of the book is: Alexander and Edith Tollmann: Und die Sintflut gab es doch - Vom Mythos zur historischen Wahrheit. Munich 1993. - We must renounce of details here.

Jewish mystical exegesis paints an exciting picture of the deepness of creation<sup>18</sup>: All creatures originate in the mind and heart of God and transcend several creation stages, the sefiroth, to reach at least the earthly body-shape. The sefira round the throne of the Creator is named *the paradise* and the earth is *His footstool*. Jesus Christ used in His message on the mountain (Mt 5:35) the same picture citing psalm 48:3 and St. Paul described his mystical experience in terms of the *sefiroth*: he feels shifted through the *sefiroth*, the *third heaven* unto the *paradise* "and heard words so secret that human lips may not repeat them" (2 Cor 12:5). The biblical revelation bestowed us with a fruitful view of the real *deepness* of creation: space-time will not be understood in terms of random matter scenarios in scales of billions of years and billions of light-years, the naturalistic idolatry. The sketch<sup>19</sup> of emboxed animated parameter worlds  $S_i$  seems revelation like: a wonderful organized universe, rooted in God's throne and reigned by the Triune God, where Christ presents the mediator, the Holy Spirit His personal acting power, and the angels His servants. That is no naive cosmography of traditional ball shells! No painter can figure or design such a splendor of creation.

Here the by [GLC] suggested basic structures are enlightening. We suggest the sefiroth stages or spheres, physically spoken, separated by the quantized atom features in the sketched light-cone dispositions. We experience the fact that we can not transgress from our  $S_0$ -status by physical acts on s.-c. shadow-worlds  $S_i$ , emboxed in the tinted quantum-vacuum-hyperspace. Hence we introduce the term *PLANCK-wall*  $PW_{i,i+1}$ . Consequently we dare to interpret the *sin-fall* as a convulsive shift of men's body-shape and ecosystem from the paradise most 'light'-shaped *sefira* to the utter 'gloomy' or heavy shaped *sefira*  $S_0$ . The eon-time border  $T_{gal}$ , the touched stormy galaxy big-bang, may be interpreted this way. That's why  $T_{gal}$  reveals as a fundamental date of manhood and limits the sensible time-horizon also of all physical features of *this* eon  $S_0$ . In a new proposal of a Steady-State, Holographic, Tachyonic and Super-Symmetric Cosmology ask the authors F.M.SANCHEZ and CHR.BIZOUARD: are we possibly with our physical surrounding in the center of a black whole<sup>20</sup>? The authors calculate the radius of this black whole as the radius (SCHWARZSCHILD-radius) of our emboxed matter-cosmos. Biblically questioned: Can we understand the  $T_{gal}$ -scenario as a cosmic phase-transition, an in-crash into a black whole against a primordial light and matter reality. God's judgment! There is no exit, neither physically, nore by reflecting imagination, not at all by theoretical cosmology. Paradise lost for the prisoners! The Cherubim with the flaming sword are watching those doors (Gen. 3,24), later in text *Planck-wall* signed. Is *our* black whole embedded in light-spheres shaped by heavenly light characteristics  $S_{i...u}$ , physically suggested as dark-energy and dark-matter shapes, in sum as hyperspace reality described?

The *visible* and the *invisible* hemispheres have their special characteristics. Our visible sphere is biblically valued as the shape of fallen structure, as *this eon*, this world against the lost paradise and the hoped new world. The meaning of *fallen shape* cannot be re-

<sup>18</sup> On Jewish mysticism cf. James M. Houston: Reflections on Mysticism - How Valid is Evangelical Anti-Mysticism? In: Markus Bockmühl, Helmut Burckhardt (edd.): Gott lieben und seine Gebote halten - Loving God and Keeping His Commandments. In memoriam Klaus Bockmühl. Gießen, Basel 1991, 163-181.

<sup>19</sup> Details in {VAR},{GLC},{MLT}.

<sup>20</sup> Evidence for Steady-State, Holographic, Tachyonic and Super-Symmetric Cosmology: GED Special Issues: Gravity & Cosmology, Paris 2009. The Universe Permanence. Rational and Scientific Critique of Evolution. Experts Conference EVOLUTION-THEORY AND SCIENCE 7- 11<sup>th</sup> September 2009. Gustav-Siewerth-Akademie Weilheim. Preprint 2009.

stricted to the moral domain, it has its concrete physical and biological expressions. According to LEIBNIZ, the *best world* which can be granted to a morally free man must have the shape to hide the Creator: *deus absconditus*. No rational proof of God should be possible. The *free man* should have the naturalistic option *etsi deus non daretur* (as there were no God), to avoid any relation to a sovereign God and to speculate theoretically the  $S_0$ -physics way.

The *sin-fall* represents the deep separation between God and man. There are PLANCK-walls between. Consequently we have further on to clear the *time* question<sup>21</sup>.

Let me take the manifestation of the resurrected Christ as a model: I take the two stories of Luke 24 in account, where Jesus suddenly appeared to the disciples in His known body-shape, shared the *way-time* to Emmaus with two of them and afterwards shared *time* in preaching and eating with them in Jerusalem. He disappeared at once. His bodily presence was in our *measurable time*. Begin and end of His manifestation lie in the secret of *sudden* and can not be measured with physical clocks.

I dare to interpret *begin* and *end* of his body-shaped manifestation as penetrating respectively drawing back through *our* PLANCK-wall  $PW_0$  ore black-whole horizon. Christ's incarnation by the way of the womb of a woman is another secret, which may give a key to deeper understanding of human embryo-genesis in general<sup>22</sup>, but seems not to be relevant for our basic time question.

The manifestation model may offer a key to grasp *begin* and *end* of *this eon* the analogous way: The expelling of the first man-pair from Eden together with their whole life-sphere, their whole body-shape, could be understood as the shifting through Planck-walls into the inner-set of *our* macro-screen, the  $S_0$ -world, our so called black whole home. The *pre-history* of Christ *before* His incarnation and manifestations and His *post-history* *after* his ascending, lies hidden in the realms of invisible creation-spheres. *During* His Incarnation and manifestations Christ shared and fulfilled the *all* (Eph 1:23), in on PCC-QLC adapted terms, the full hyperspace reality.

Should we ask for any *history* ore *time-spans* concerning our recent *fallen*  $S_0$ -world beyond the *sin-fall*? We can imagine God's sovereign act of expelling man and his ecosystem *earth* in its astrosphere into the recent stage of  $g_0, h_0, c_0$  -physics as a kind of *big bang*. Many theorists of the *fire ball big bang* state: there is no sense to ask for *space and time* beyond. The sense to search for *time* and reality beyond the *sin-fall-big bang* scopes in questions to characteristics of the invisible, these for our recent sensorium hidden emboxed worlds  $S_i$ . Yes, there is *prehistory* of earth, son-system, galaxies, meta-galaxy-systems. But all this is in a quite another space-time order, which we can not describe in the  $g_0, h_0, c_0$  -physics, the paralogism of naturalistic physics. In this paralogism are rooted the pseudo-scales of billions of years and light-years<sup>23</sup>.

<sup>21</sup>. The German theologian Karl Heim, by Albert Einstein highly estimated as a correct theological interpreter of his relativity theories, marked our recent time experience as a basic character of the fallen status of our bodily circumstances. Cf. e. g. his: *Christian Faith and Natural Science* (Original: *Der christliche Gottesglaube und die Naturwissenschaft*; translated by Neville H. Smith). London 1953.

<sup>22</sup>. Cf. Horst W. Beck: *Biblische Universalität und Wissenschaft*, 361-365.

<sup>23</sup>. See the figure of A. M. Klaus Müller above fig.4

I guessed the complex and magnificent scenery of meta-galactic radiation sources, which is observable as radiation spectra on our atomic built detectors in the interior of our Planck screen  $PW_0$ , theoretically be interpreted as *black whole*, changed to  $S_0$ -radiation and red-shifted by the PLANCK-wall, from space-time orders  $S_{i..u}$  *beyond*. QLC may give some rational hints. Without doubt, we can see *real* histories of galaxies respectively *quasars*, but these are histories in their conjunct spherical *eigen*-times of  $S_{i..u}$ , which appear modulated by our  $PW_0$ , to our time order  $S_0$ . The look back on  $T_{gal}$  with  $S_0$ -atomic instruments divulges the fantastic complete scenery of galactic dynamics inclusive all mutual force-bridges<sup>24</sup>. For this reason the  $T_{gal}$ - big bang, in contrary to the hot big bang of SBB as a punctual singularity, presents the unbelievable full up developed ubiquitous, chemical, electrical, and gravitational dynamics of stars and galaxies and the additional interstellar and intergalactic physical quintessence.

The naturalistic paralogism is the naive and uniformitarianistic prolongation in the conditions of our experienced  $S_0$  spacetime to *pseudo*-pasts and *pseudo*-futures. For geologists and palaeontologists, the *sin-flood* is a kind of knowledge wall. Beyond this global judgment by the Creator lies a lost design of earth and biosphere. We cannot strongly reestablish this design with means of our post-flood experiences. The global flood paradigm seems very fruitful for these historical oriented sciences for all post-flood events and developments.

For cosmologists on their search for a common theory of the *super-force*<sup>25</sup> and the basic causation regimes it would be a worthwhile offer to leave the *naive* monistic one world view to gain a pretentious one. It may be that the mathematical skills of man can not reach this pretentiously differentiated creation view. The top-TOE of DREOSCHER-HEIM may announce principal margins of theoretical intellect. I guess, that the whole and experimentally stabled recent knowledge of theoretical physics should not be abandoned, even restrictively reevaluated as a special case of a more complicated emboxed world  $S_{i,i+1}$  – scenario in the spools of PCC&QLC. The successfully used  $SRT_0$  and  $GRT_0$ , the  $QED_0$  and  $QCD_0$ <sup>26</sup> are special cases for the  $S_0$ -world with on this special realm restricted validness. The *sin-fall* is a strict barrier to  $S_0$ -knowledge! For Christians and biblically oriented theorists it may be a worthwhile task and call to outreach recent theories to conjunct hyper-theories in the scope of emboxed parameter  $[g_i, h_i, c_i]$ -worlds, the mystery of accompanying shadow worlds and immaterial coordinate dimensions. A fruitful step of *new physics*<sup>27</sup>?

Let me close these reflections on *time* with some suggestions:

(1) The time-question is philosophically spoken one of the most pretentious ones (Augustinus) and Christians should hesitate to give simple answers, either in adapting their opinions to naturalistic views or in the way of naive statements as *we believe in the BISHOP USHER's chronology*.

(2) I dare further to imagine that the *eigen*-(proper)-space-time regimes in spheres of the whole, where for instance the histories of galaxies could be handled in billions of *eigen*-

<sup>24</sup> {MLT} Abb.28, 68f.

<sup>25</sup> Paul Davies: Superforce. New York 1984f.

<sup>26</sup> SRT = Special relativity theory; GRT = General relativity theory; QED = Electricity quantum dynamics; QCD = Gravity quantum dynamics; QCD = Quantum Chromo-Dynamics.

<sup>27</sup> Peter Trüb: Auf der Suche nach Neuer Physik. Studium integrale 16.Jg.H.2, 2009, 81-87.

years [ $c_u \rightarrow \infty; h \rightarrow 0$ ], the special time-period of the sphere  $S_i$ , could in principle be commuted to the time-scale  $S_0$ . If the presumptively introduced periodical law of red-shift distribution should hold for a commutation factor<sup>28</sup>, all cosmological events could relate to the existence of man in a granted creation as his ecosystem. This confirms the mentioned *maximum anthropoid principle*.

(3) The begin of *this eon* was signified as the *big bang* of expelling man and his created environment to the special physical and biological conditions of *now*. The shifting of any creation element through PLANCK-walls to obsess other spheres must not mean to lose the *pre-spheric* history or the broader spheric causation contact the projection-chain-way [PCC]. As Christ has His special *pre-existence* to his incarnation, He has also His *post-existence* and during his incarnation his *co-existence* to the whole. In analogy it is to presume, that any creation element of *this eon* may have a conjunct spherical prehistory in different space-time orders, which counts for his *Gestalt (shape)*, his special representation in *this eon*. For instance: the *age* of Adam, the first man, counts for *Eden-experience* and post-Eden experience. The post-Eden age is named for 930 years. For the *Eden-age* we have no measure out of *this eon*.

(4) In each radiation spectrum of extra-galactic cosmic sources a conjunct spherical history is hidden, which can not be grasped in our *linear* time elapsing. The radiation running time for instance from a quasar source with the red-shift peak  $z = 7$  (suggested at the *edge* of the measurable cosmos) which is 'linear' estimated to  $10^{10}$  years may be commuted by the red-shift factor  $z_i/z_0$  in our 'eon-time' to less than  $10^4$  years. Another exciting example could be the '*cmb*'. It represents the maximum red-shift peak of about  $z_u = \zeta \cdot 10^{11} z_0$  induced by the basic radiation field  $S_u [h_u \rightarrow 0; c_u \rightarrow \infty]$ . The commutation account ( $z_u/z_0$ ) shows no measurable time elapsing in our experienced world  $S_0$ . If, as I guess, *cmb* is the remainder of the basic *information field*  $\langle G4 \rangle$ , ubiquitous at any creation point in each sphere, it represents the *prima vista timeless* ubiquity of information influence to all created elements. Naturalistic big bang cosmology [SBB] puts consequently, according to its uniform presuppositions, the *cmb*-source in the big bang scenario. We are here faced with the most important paralogism of the naturalistic idolatry.

(5) We suppose for an emboxed parameter world the representation of each created element or living creature in the hidden spheres  $S_{\geq i}$ . Duly we can postulate *deeper* causation bridges between existing elements<sup>29</sup>. For our visible world is valid: Science is dealing with causation bridges according to our normal experiences: *causae secundae* (second causes). Facing the sketched emboxed spherical world-aspects we have to reckon with a deeper causation hierarchy: will initiated *causae primae*. The naturalists are steadily facing so called MÜNCHHAUSEN lemmatas: they are endless looking for the *last pure natural* laws, finding in this hermeneutic circle nothing else than the stipulated *quantum vacuum*, which can not be a

<sup>28</sup>. For the Arp-law of periodicity {VAR} 78-81.

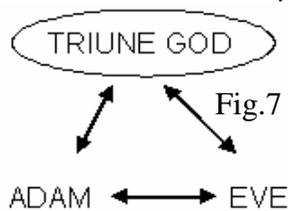
<sup>29</sup>. The theoretical physicists, looking for unified theories for all powers and mutual effects, come to question more dimensions. They tacle with s.c. shadow universes, which penetrate our measurable world. They also discuss at least theoretically effect bridges between material systems, which overwhelm partly the normal h,c,g conditions. It may be, that they are developing the needed matematical skills for the suggested disjunct emboxed [ $g_0, h_0, c_0$ ] world. See e.g. Paul Davies: Superforce, "In how many dimensions do we live?" Paul Davies: Superforce, "The living vacuum". New York 1984f.

*vacuum*. In contrary, it shows as the deepest mystery we can scientifically face. PAUL DAVIES states: as 99,99..% of the mass<sub>0</sub>-less cosmos reveals as vacuum, it must be of the highest interest for our research to understand the observable naught as the horizon of *self-organizing* the universe, namely the wonder of hyperspace. Newton used the wise term SENSORIUM DEI. *Self-organizing* (PAUL DAVIES) is of course to substitute as *God's acting realm*.

(6) The biblical revelation relates all created elements, all creatures to the Triune Creator Himself. We have marked some basic notions to a creation doctrine in the modern context of science. The exposed differentiated creation view should be a stimulating, if also inexhaustible program, to a competing approach and research to the naturalistic way.

(7) Conditions of reasoning of Creation by man in the image of the Triune Creator:

By revelation from the Triune Creator to the creature human, the latter received basic conditions of his own status of thinking, worthiness and behave. Man is created to the and in the image of the Triune God. This basic anthropological destination has a lot of aspects. I'll mention only some: man is essentially created as communication partner to his creator. The first couple, Adam and Eve, were created in the threefold communication set:



The threefold communication language is a creation gift by the Triune God and is a constitutive essential for man from the beginning. So Adam and Eve were created adult and ripe and so responsible for their attitude against the Creator in obedience and answer. A further aspect to be an image of the Triune as communication partner, would be sharing basics of reason and

logic. So reflecting of human reason, logic and language is unavoidably reasoning on Gods Triune intellectual and ontological essentials.

The Christian creed confesses the Triune God independent of a possible creation ad extra living in a Holy Sphere of eternal inside communication. The second Triune Person, the son as the model of created man, is confessed as the mediator of all creation. In His Holy Intellect and Conscious all for Him think-worthy entities are forethought, especially man himself. So all possible creation sets would be a mirror or glance of the original forethought. Consequently possible creation stands in the risk by realization to reveal essentials of the Triune Creator himself. Owing to this bias man receives a twofold revelation: 1<sup>st</sup> by realized creation itself and 2<sup>nd</sup> by all words mediated from the Triune God to man.

The mutual relation between God and human creature and all living and structural creation, as the ecosystem for human, is a strong one. Nothing is released from God's control. As Psalm 104 [29f] sounds:

תַּסְתִּיר פָּנֶיךָ יִבְהַלֵּון תִּסַּף רוּחָם יִנְעֹון וְאֶל-עַפְרָם יִשׁוּבוּן:  
תִּשְׁלַח רוּחְךָ יִבְרָאוּן וְתַחֲרַשׁ פְּנֵי אֲדָמָה:

When you hide your face, they are dismayed; when you take away their breath,  
they die and return to their dust. When you send forth your spirit, they are created;  
and you renew the face of the ground.

In his destination as the mandatary of creation to recognize and rule the things, man can't dispense of the Triune creator. In concordance with the named twofold revelation by

recognition of creation or being affected by God's messages, man is always confronted with God's weight and essential substance, in Hebrew 'kavod' [כבוד]. This Hebrew term characterizes a kind of original energy-substance of the Triune Being in three actively living Persons. The Bible call this Holy Sphere >God's Throne<. The Triune God in his Holy Sphere and very independent of possible creation ad extra represents a threefold core or essence, which will be a paradigm for the essentials of possible creation. Namely *personal individuation*, *word-information*, and *energy-matter-substance*.

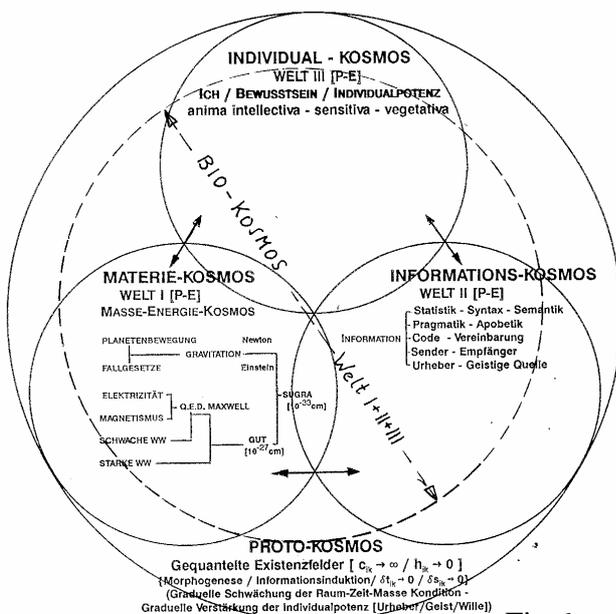


Fig.6

The Nobel laureate JOHN C. ECCLES and KARL R. POPPER have discussed insights into brain physiology as the basic realm of interaction between individual self and energy-matter and deduced a three-world's model: **world I** *physical objects and states*, **world II** *states of consciousness*, **world III** *objective world of information* [Fig.6].

None of these aspects of the created world can be reduced to one of the others, although **world I** remains the substrate of **worlds II** and **III**. Both experts stick to the evolutionary view, but they admit that any attempt to form a theory of emergence

*matter-information-spirit* in line with a mono-causal theory of evolution is bound to end up in contradictions to the present state of knowledge. Popper even grants his friend Eccles the admission that *conscious spirit* (world II) is the primary reality, which can be imagined as existent even without the substrate of visible energy-matter as world I. The question is, if not all *biological* research and explanation gets into touch with all these three world aspects.

We have to focus the shortly sketched trends of modern knowledge at the swell of centuries:

1<sup>st</sup> : *Information* reveals oneself as the basic value in all aspects of modern science and technology. There is only one valid current calculated in bits and bytes.

2<sup>nd</sup> : As W. Gitt diligently demonstrated, **information laws** surrogate now so called **laws of nature!** The last and very important causation ground of all phenomena of creation are not so called *physical powers* as gravitation or mechanical forces or electric-magnetic fields. They have only a mediating function to realize in the space-time information causes.

3<sup>rd</sup> : There are three ontological pillars of creation reality, which mutually interact without being on the same level of sense. The NOBEL-laureats K. POPPER and J.C.ECCLES gave the sketch: [Fig.8: Three aspects of reality].

4<sup>th</sup> : The overall experienced information hierarchy leads to an author [W.GITT].

5<sup>th</sup> : The physical reality itself seems in origin and recent presentation to be projected and sustained from and by an information source behind space-time as the foreground garment of phenomena.

These sketched basics of modern knowledge reveal the above mentioned inside Triune paradigm. The analogy seems very obvious: The *Holy Trinity* and the *Trinity of Creation*. Human reasoning shares this analogy:

**ANALOGIA TRINITATIS ET ENTIS.**