Hologram Dark Energy.

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Abstract.

This article presents a formula for Hologram Dark Energy. This means that on one hand materialized reality (gravitation-holograms) and on the other hand four extra time-dimensions located within in the dark energy of vacuum (time-holograms) can be derived by one formula. The gravitation-holograms lead to quantum-dynamics, which in turn leads to Newton-gravity as part of an Einstein-space-time. The time-holograms lead to a subquantum-drive beyond Einstein's-space-time's. Basically this implies the acceptence of my new cosmological model: The Rotating Torus Hologram Universe (RTHU). The formula enables jumping into vacuum and popping-out again elsewhere in an Einstein-space-time. This happens in a different way than might be done by wormholes. The transformations by wormholes are dynamics by strong curvatures within an Einstein-space-time, but RTHU-time-holograms seperate Einstein-spacetime's, whereby the RTHU is full of Einstein-space-time's. Three out of four extra timedimensions within the vacuum serve as a surrounding-time. The fourth one serves the control over the time-direction within the surrounding time. The four extra time-dimensions are subquantum-time dimensions. That's why this framework and dynamics give a new vision on the phenomenon UFO's (Unidentified Flying Object). An UFO according to my formula is capable of moving in time-holograms in order to return to gravitation-holograms and materialized reaility in the RTHU. Therefore UFO's get another name, called IHO (Identified Hologram Object). However, in order to develope such a technology menkind must learn how to increase or decrease rotating-vacuum at small scales,. That is the basic feature of the RTHU. This article explains the details of this vision by my formula for Hologram Dark Energy. The RTHU in itself is a rotating-vacuum instead of a Big Bang universe.

Short introduction.

We live in a "torus-world of time". This torus rotates. So, the universe is a rotating torus. This replaces the Big Bang. So, the Big Bang is not the origin of the universe. The certripetalacceleration of the torus gives the illusion of an accelerated-expansion as observed in the "Big Bang universe". But all over the place-in the torus- the Big Bang-illusion is observable and like the rotation of the materialized world also vacuum rotates instead of an accelerating expandable vacuum in a "Big Bang-universe". This vacuum is "special" and called Hologram Dark Energy. It is "special", because the Planck-boundary is replaced by a hologram formula as part of the Hologram Dark Energy formula. So, the Hologram Dark Energy-formula is based on a product of two parts. The first part is a Hologram-Formula (Tdan), which is active through parameters for torus-rotation due to centripetal vacuum-acceleration. Thereby whole numbers (integers) serve control over the time-transformation from one Einstein-space-time to another. Furthermore Planck-energy is one parameter and the Newton-constant is a second parameter for the effectuation of gravity. Then there is the second part of the formula, which serves the amount of Newton-force distributed in a Planck-torus. Both parts of the formula give control over the rate by which a subquantum-clock enables to bypass Einstein-space-time and return to Einstein- and Newton-gravity again. But there is more: The derivation of the formula also shows how darkmatter is a force instead of standard-model-particles. Such a dark matter force is emergent, which means it is generated from beyond the classical Planck-boundary and which is in turn a part of the RTHU. Therefore the RTHU has no origin. Contrairily it suggests a Big Bang-illusion due to rotating vacuum. In handwritten pages several details explain how Hologram dark Energy opens-up insights about rotating-vacuum, which leads the way to a new technology to make travelling in extra-time dimensions bewteen different gravitation-holograms possible. Moreover

it shows the details of a machine called IHO (Identified Hologram Object). We need technology to enter extra (subquantum) time-dimensions and have to learn how to construct a subquantumdrive, because just only a quantum-drive enables travelling by only the light-speed. So, basically rotating-vacuum is needed for an IHO-motor. The smaller the rotation-velocity is, the slower subquantum-time will pass and the stronger the addaption to an Einstein-space-time will be. Hence small whole-numbers reperesent a slower subquantum-drive-clock and larger numbers a faster one. That is what the first part of the formula does. The second part of the Hologram Dark Energy-formula is a Planck-torus. This is more like an energy-container for multiple amounts of Planck-energy distributed in the Planck-torus. So different Planck-energy-densities wil be possible. This generates the strength of the Newton-force relative to the Newton-constant mentioned in the first part of the formula.

The author.

[1] D.C.M. Visser (ing), DAN, independent cosmologist and art-painter, born 1947, living in Almere, the Netherlands. The content of his articles aim to explain that we live in a "Hologram Universe". The Hologram Universe Rotates and has the shape of a Torus (Rotating Torus Hologram Universe). The RTHU replaces and embeds the classical Big Bang Universe, which means the Planck-boundary is replaced by a Hologram-formula and enbedded in the RTHU. His in cascade-written articles mean that one article-result repeatedly served a new article and enabled interpetations about what dark matter and dark energy fundamentally is. His articles are hosted in the vixra-archive 'mathematical physics' and referenced as https://vixra.org/author/dan_visser.

Moreover he is an Art-painter too. His inspiration and creativity are rare due to his articles about the rotating Hologram Universe. His paintings may be an eye opener for collectors, musea and scientific institutions and are for sale. He painted in different styles throughout many years. He eventually attached the keyword "duonism" to his painting in order to refer the "duo-bits" in the Hologram Universe.

"Duo-bits" arrange the quantum-entanglement and are related to dark matter and dark energy in a new cosmological model - the RTHU. He derived the "duo-bit existence" in https://vixra.org/abs/1904.0552, wherein he divided the Schwarzschild-radius (event-horizon in blackholes) in small particles in order to make them part of the RTHU. However, the most important step was his starting-formula in 2004 wherein he mentioned a dark energy force as result from his thought-experiment (published in retro-spective in 2009 after being previewed by Christopher Forbes - PhD and FRAS in the UK. The thought-experiment served conservation of information (no information-loss in the universe) through dark matter force and dark energy due to bringing two blackholes together. Later on he came up with his Hologram-formula and abandoned the Big Bang as start for the universe.

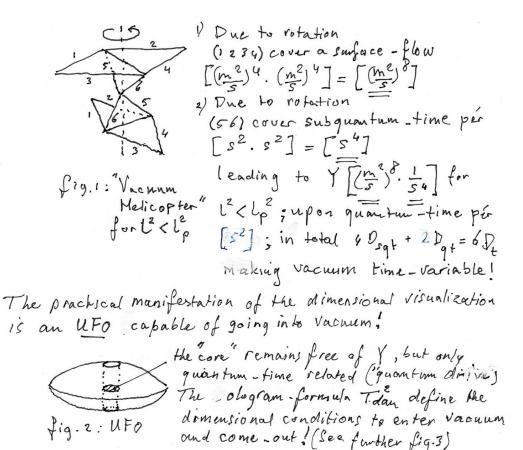
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$$1 \qquad 12/3/2022, Down Visser, filmere, NK$$
The derivation of Halogram Dark Energy
Teads to an expression for below the
Planck-boudary, which is replaced and
embedded is the RTHU by a Mologram.
formula Tdan It's parameters lead to specific dimensions!
The reference for the derivation is
vixra.org/nks/2201.0166, which is an
article that harmonized "seemingly dark
matter "dimensionally with a "dark matter-force"
and "dark evergy" is the RTHU.
The two formulas is the reference-auticle are
combined, as follows:
 $T_{dam} = \frac{sq}{m^2} \frac{f_{dm}}{n^2} \cdot n^2 (q F_N^{G=1})^2 [(m^2)^8 \cdot s^2]$ (2)
(1) and @ combined gives Hologram Park Energy (Y):
 $Y = F_{dx}^2 = sq F_{dm}^2 \cdot n^2 (q F_N^{G=1})^2 [(m^2)^8 \cdot s^2]$ (2)
(1) and @ combined gives Hologram Park Energy (Y):
 $Y = T_{dom} \times n^4 \cdot (q F_N^{G=1})^4 [D_Y]$ (3)
The parameters for below the Planck-boundary are:
 $o < N < 1$ and $\psi = G^2$ which lead to a $[P_Y]$
for $(^2 < L_P^2 \text{ as follows}:$
 $[D_Y] = [(m^6)^2 - \frac{1}{m^4} \cdot m^8] = [(m^5)^8 \cdot \frac{1}{5^4}] \checkmark (4)$
An 8D-surface flow party time.dimensions to
consider as subguartum time digram quantum time
both in vacuum $(4 - g_gt^2 + y_gt^2)$.

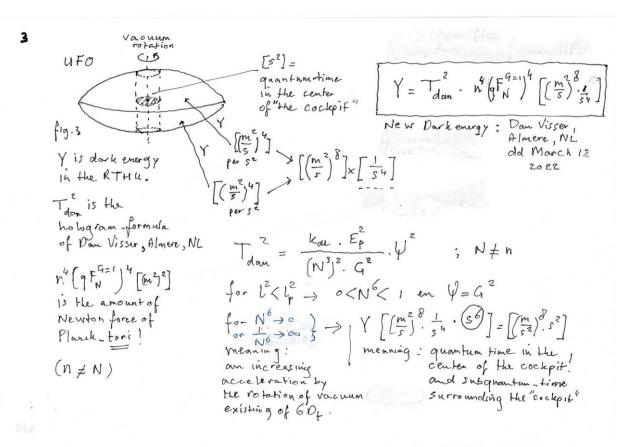
Dan Visser, Almere, NG, Marchie 8022

Note 1 : In earlier expressions of Y was mentioned YT(m2)8. 527. However, In this expression was no connection with the hologram -formula Todow -Logically the crux is : The Y [(m2) + j cventually exists in 6 D+ , piving : $Y\left[\left(\frac{m^2}{5}\right)^{\mathcal{B}} \cdot \frac{1}{54} \cdot 5^{\mathcal{B}}\right] = Y\left[\left(\frac{m^2}{5}\right)^{\mathcal{B}} \cdot 5^{\mathcal{B}}\right]$

Now the dimensional Visualization can be done:



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Dan Visser, Almere, NL, March 12 2022 Explanation Nº. (9 FN) 4 dimensions. $\left(\alpha \right)^{-1} n \left[\frac{1}{m} \right] \cdot q F_{N}^{Q=1} \left[m^{2} \right] = \left[m \right]$ An amount (n) of the Newton-force of a Planck-Surface (b) $n^{2} \left[\frac{L}{m^{2}} \right] \cdot \left(\frac{g}{f_{N}} \frac{f_{s=1}^{2}}{f_{N}^{2}} \left[(\frac{m^{2}}{m^{2}})^{2} \right] = \left[\frac{m^{2}}{m^{2}} \right]$ An amount (n^{2}) of the Newton-force of a Planck-hole h 4 [1 4] . (q F ~) 4 [[m2]2] = [m4] \bigcirc An amount (n4) of the Newton-ford of a Planck-torus. O is used in the formula for Hologram Dork Energy: $Y = T_{dow}^{2} \cdot n^{4} \cdot (qF_{N}^{G=1})^{4} \int (\frac{m^{2}}{5})^{8} \cdot \frac{1}{5^{4}} \int$ The other options for The will be explained in the next page.

5
The
$$T_{dom}^{2}$$
 options to determine $\begin{bmatrix} D_{y} \end{bmatrix}$ in the
Hologram Dark Energy (Y) are as follows:
(A) for $\begin{bmatrix} 2 < L_{p}^{2} \rightarrow \begin{bmatrix} Y \end{bmatrix} \begin{bmatrix} m^{2} & 1 \\ 5 & -5 \end{bmatrix}$, which Y have
described already as $\underbrace{UFo} - dynamics$;
(B) for $\begin{bmatrix} 2 \\ 2 \\ -5 \end{bmatrix} \rightarrow \begin{bmatrix} Y \end{bmatrix} \begin{bmatrix} y^{2} \\ 5 \\ -5 \end{bmatrix}^{2}$. $(m^{2})^{2} \end{bmatrix} = \begin{bmatrix} Y \begin{bmatrix} y^{2} \\ -5 \\ 5 \\ -5 \end{bmatrix} \end{bmatrix}$

(c)
$$\operatorname{for}\left[l^{2} > l_{p}\right] \rightarrow Y\left[\left[\binom{k_{g}}{5}\right]^{2} \cdot \left(m^{2}\right)^{2}\right] = \left[Y\left[\binom{k_{g}}{m}\right]^{4}\right]$$

dimensionally visualized as follows: ((kg,m)²]) The quantum misro

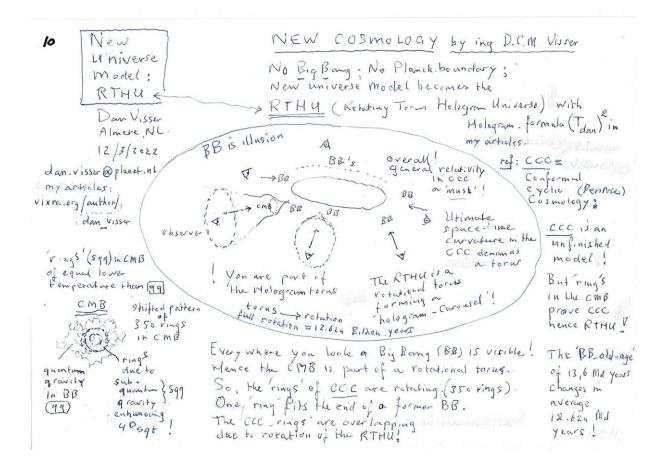
The dimensional derivation of the Mologram Dark Energy formula used the derivation of the Hubogram-formula Totan as follows, (dimensionally) according to Tdom dimensions: $T_{dom} = \pm \frac{k_{de}^{\frac{1}{2}} \cdot E_{p}}{m^{3} C} \cdot \Psi \left[D_{T_{dam}} \right]$ $\begin{bmatrix} I \\ P_{fdom} \end{bmatrix}_{l^{2} > l_{p}^{2}} \iff \psi_{=1}; G_{\neq 1} \longrightarrow N^{3} > 1$ $\begin{bmatrix} \frac{m}{5^2} \cdot \frac{1}{G} \end{bmatrix} = \begin{bmatrix} \frac{m}{5^2} \cdot \frac{k_g}{5^2} \cdot \frac{m^2}{K_g} \end{bmatrix} =$ $\left(\frac{m}{s^2} \cdot kg \frac{m^2}{s^2} \cdot \frac{s^2}{kgm} \cdot \frac{kg^2}{m^2}\right) = \left[\left(\frac{kg}{s}\right)^2\right]$ (two masses existing simultanuously per s) (Surface every acceleration)

The Them - hologram -formula is based on to be a replacement of the Planck-constant(h). and which is embedded in the new Cosmological model RTHU (Rotating Torus Hologram Universe).

Note's
1) Above the Planck-boundary
$$(l^{2}>l_{p}^{2})$$
 rotation
and Velocity of particles exist as foldows:
a) $h \cdot \Lambda c^{2} [(9.s) \cdot (\frac{kg}{m^{3}}) \cdot (\frac{m^{2}}{s^{2}})] = [9.s \cdot \frac{y}{m^{3}}]$
(rotation of an energy density)
b) $[9.s \cdot \frac{y}{m^{3}}] = [kg \frac{m^{2}}{s^{2}} \cdot s \cdot kg \frac{m^{2}}{s^{2}} - \frac{1}{m^{3}}] = [(\frac{kg}{s})^{2} \frac{m}{s}]$
(velocity of Mass-particles pers)
2) But for $l^{2} = l_{p}^{2}$ the velocity disappears
remaining just only $[(\frac{kg}{s})^{2}]$ to be transformed
to $[9 \cdot \frac{m}{s^{2}}]$, which means particles become
accelerating energy in words the Planck-domain.
3) For $l^{2} < l_{p}^{2} \rightarrow T_{dan} [\frac{m^{6}}{5b} = (9 \cdot \frac{m}{s}) \cdot (9 \cdot \frac{m}{s}) \cdot \frac{1}{kg^{2}}]$
duo 1 duo 2
 $duo - bits torus$

N is orwhole number (integer) and G is the Newkonconstant.

The U is a gravition-parameter. 7. For Q=1 Newton-gravitation is applied for quantum -, micro-an macro Scale in "Seemingly" constant vacuim For U=G2 Hologram - gravitation 19 applied in 40 , which means four subguantum time dimensions have to take into account for Einsteingravition (macro - space - time) -8. For the record: N = n in the Hologram dark energy formula. The rate of rotation is generated by the in The while n⁴ (also a whole number) generates the amount of force of a Planck-torus (correlated to a non-existing Planck boundary) g. Ep is distributed in the Planck-torus and Causer a variable Planck-torus-energy. And due to $\frac{1}{m_{e}^{2}} \left[\frac{1}{m^{2} \cdot s^{4}} \right] = T_{dom}^{2} \left[\left(\frac{m}{s^{6}} \right)^{2} \right] as in$ the basic reference article, the Hologram Dark Energy (Y) is a double-forus, which replaces the origin of the Big Boung into the RTHU.



10. Dark matter as fermions (normal particles) don't exist. Dark matter force as bosons only exists hidden in a Planck torus, which is a 40 sat domain, In the RTMU In the RTMUs there is no information-loss! described in my articles (visia.org/author) dom risser). This is shown as Y - Fold = 0 equal to Y = Fold related to + Ede is a dark energy force (see thought-experiment) and Y = Than . nº. (9 FN) according to dark energy $\gamma = T_{dan}^2 \cdot \frac{F_{da}^2}{F_{da}}$ $Y = T_{dam} \cdot n^{2} \cdot \left(q F_{N}^{G=1} \right)^{2} \cdot \left[s_{q} F_{Jm}^{2} \right]$ $Y = T_{\text{Hom}}^{2} \cdot n^{4} \cdot \left(g F_{N}^{G=1} \right)^{2} \cdot \left(g F_{N}^{G=1} \right)^{2}$ $Y = T_{dam} \cdot n^{4} \cdot (q F_{N}^{q=i})^{4}$ due to $S_{q}F_{dm}^{2}$ also causes $\left(qF_{N}^{2}\right)^{2}$ $\left|l^{2}\langle l_{p}^{2}\right|$ $\left|l^{2}=l_{p}^{e}\right|$ Dark matter force of Newton force on in the Planck-torus the Planck-boundary

Il

11. Dark Matter force (as mentioned in point 10) is actually chara terized as time - particles! These have a subguartum - origin as 4Dggt Rotating Vacuum generates large amounts time-particles. These affect Einstein -Space - time. In this respect gallaxies do not comprehend dark matter fermions.

The Mologram Dark Energy-formula enables to understand in this respect what UFO's are! UFO's are IHO's: Not Unidentified Flying Objects'; but I dentified Hologram Objects, which are capable of moving beyond the Einstein-Space-time through Variable-Time -Vacuum by Rotation (VTVR). This is explained in the next page in the confext of gravitation-holograms, light-hologram and time-holograms.

Hologram Dork Energy generates Variable - Time - Vacuum by Rotation (VTVR)

Black hole are not what it looker like, neither are wormholes, both compared to the time transformation in the RTHU: The difference is Churved space-time versus rotational-Nacuum with 4 dimensions Subguartum-time (40 sqt) This marks the existence of gravition-kolograms and time holograms generated by the Hologram Dark Energy -formule (part 1 and part 2): for I'll the Hologram Dark Energy Y is : $Y = T_{dom}^2 \cdot n^4 \cdot (g F_N)^4 [(\frac{m^2}{5})^4 \frac{1}{54}]$ parti parte for o <NG/1 have is active as a votationaltime - amplifier due to whole numbers in I down No # "; N= p6 ; p=n"; these parameters form; alp ('duo-bot') The whole number clock. 20gt -2Psqt rotatio - for time - transformation (variable) per (2D sqt) = 4D sqt in the RTHY. Duo -bits' represent quantum - entanglement of VTVR; this couples also "Light-holograms" to "gravitation-holograms".