

#### <u>IKOSOLID</u> <u>Universe</u> with the open gate of BLACK Hole & WHITE Hole The 90 degree topological transformation with IKOSOLID

That to make the real number an imaginary number through the gate of BLACK Hole or to make an imaginary number the real number through the gate of WHITE Hole is done by the 90 degree topological transformation which depends on IKOSOLID as a conductor.

The reference: The paper The 90 degree topological transformation with IKOSOLID http://koeiikuyo.web.fc2.com



## K.I. DIAGRAM of the length and the side for IKOSOLID Universe



## PENROSE DIAGRAMS of various black hole solution



**K.I. DIAGRAM** of the condition of the multiple two dimensions body = The original form of IKOSOLID in case of nonlinear connection in the condition of the phase of 90 degrees = The cross of the flyover condition. The reference: The paper <u>Study of connecting point with three-dimensions</u> <u>and four-dimensions by pictorial art Part 8</u> http://koeiikuyo.web.fc2.com





#### Nonlinear Linear Connection

This connection becomes IKOSOLID with the feature of the 90 degree topological transformation and makes the gate of BLACK Hole & WHITE Hole open ! When this gate opens, a particle and an antiparticle can join without pair-annihilation in case of linear connection in the condition of the 90 degree phase 2

## **K.I. DIAGRAM** of IKOSOLID Universe with the open gate of BLACK Hole & WHITE Hole in case of linear connection in the condition of the 90 degree phase

IKOSOLID is the solid magic square: REAL IMAGE PICTURE of numbers circulates in the endless condition with one pair mirror on this IKOSOLID.



#### The applicability of IKOSOLID as the conductor:

That to make the real number an imaginary number through the gate of BLACK Hole or to make an imaginary number the real number through the gate of WHITE Hole is done by the 90 degree topological transformation which depends on IKOSOLID as a conductor. Reference: Paper <u>Unification</u> of the Electromagnetic Willpower and Gravity of Four-Power of the Space: Proof by ~ in K.I. website

All polygonal lines become the symmetry of mirror.

The place of particle is in the *surface* on upper section of IKOSOLID.

This right angle isosceles triangle is the gate of BLACK Hole & WHITE Hole. Yes, the gate is open! When this gate opens, a particle and an antiparticle can join without pair-annihilation.

K.I. DIAGRAM of the plane magic square divided in 2 (left)K.I. DIAGRAM of IKOSOLID Universe as a solid (right)



REAL IMAGE PICTURE / The reference: The paper <u>Study of connecting point with three-dimensions</u> and four-dimensions by pictorial art Part 1 & 2 http://koeiikuyo.web.fc2.com

# K.I. DIAGRAM of the condition of the multiple two dimensions body = The original form of IKOSOLID in case of nonlinear connection in the condition of the phase of 90 degrees (left) K.I. DIAGRAM of IKOSOLID Universe as a solid (right)



A B The reference: The paper <u>Study of connecting point</u> with three-dimensions and four-dimensions by pictorial art <u>Part 3</u> http://koeiikuyo.web.fc2.com

## **PENROSE DIAGRAM** of an infinite MINKOWSKI UNIVERSE



## K.I. DIAGRAM of time and space

That to make the real number an imaginary number through the gate of BLACK Hole or to make an imaginary number the real number through the gate of WHITE Hole is done by the 90 degree topological transformation which depends on IKOSOLID as a conductor.

Verification: It verifies  $E=mC^2 < E'=m'C^2$ , or  $E=mC^2 > E'=m'C^2$ , It verifies that IKOSOLID changes  $C^2$  to  $C^2$ , and changes m to m'

## **K.I. DIAGRAM** of Change from C<sup>2</sup> into C<sup>2</sup>, = Change of the quality of the time



## K. I. DIAGRAM of Change from m into m' = Change of the quality of the space

The reference: The paper Study of connecting point with three-dimensions and four-dimensions by pictorial art Part 6 http://koeiikuyo.web.fc2.com

#### Verification

Verification that IKOSOLID changes m to m'. (Refer to "Study of connecting point with three-dimensions and four-dimensions by pictorial art Part 5")

m is three-dimensional volume energy, which is changed into m' (septimal notation structure of 1:6) by changing six faces of volume energy (m) of the cube (=crystal cube) into six dots.









m= crystal cube (cube)

Field of Torus  $T^2$ (=bit)  $\circ$  : six faces

Field of Klein's bottle(=qubit) • : one

Connection of the field of Klein's bottle (=qubit)  $\bullet$  and the field of Torus  $T^{2}(=bit) \circ$ Septimal notation of "1:6"





The six faces of the cube (m) become 6 dots. Dot has no area and volum.



It verified that IKOSOLID changes C<sup>2</sup> to C<sup>2</sup>, and changes m to m'. It verified that IKOSOLID changes the quality of the **time** and the quality of the **space**.

 $C^2$  maximal-izes on the surface of IKOSOLID and **m** does a minimisation at the tips of IKOSOLID. And it verified  $E=mC^2 < E'=m'C^2'$  or  $E=mC^2 > E'=m'C^2'$ 

As the result, that to make the real number an imaginary number through the gate of BLACK Hole or to make an imaginary number the real number through the gate of WHITE Hole is done by the 90 degree topological transformation which depends on IKOSOLID as a conductor.

The applicability of IKOSOLID as the conductor: Reference: Paper <u>Unification of the Electromagnetic</u> <u>Willpower and Gravity of Four-Power of the Space : Proof by</u> ~ <u>http://koeiikuyo.web.fc2.com</u>

#### **K.I. DIAGRAM** of REVOLVING DOOR which replaces WORMHOLE.

REVOLVING DOOR is REAL IMAGE PICTURE that does the 720 degree phase rotation The ability of REVOLVING DOOR of REAL IMAGE PICTURE : It becomes the vehicle of particle & antiparticle. It joins our universe and other universe with particle & antiparticle through BLACK Hole and WHITE Hole.



As follows, 1/n squares are formed and function just like below. They become plane Magic square and form IKOSOLID's ( $C^{2*}$ ), which circuit vectors endlessly.



RI=Real image VI=Virtual image





RI'=Real image'



1/n square

Original form of 1/n square

Both of three-dimensional rotation and symmetrical rotation are 360 degree



360 degree clockwise rotation720 degree phase rotation

360 degree counterclockwise rotation

Completion of 720 degree phase rotation

720 degree phase rotation. 1/n square = REAL IMAGE PICTURE = REVOLVING DOOR becomes the vehicle with particle & antiparticle to join our universe and other universe through BLACK Hole & WHITE Hole.

#### **Plane Magic Square**

Vectors of plane Magic square at the time of n=16

Actual endless vector movableness and 720degree phase rotation which are the connection of the beginning and the end are done only on the IKOSOLID  $C^2$ , which is a solid magic square





Plane Magic Square

TSC Toward a Science of Consciousness

STOCKHOLM, SWEDEN-MAY 3-7 2011-AULA MAGNA HALL Consciousness Research Abstract 137 Koei Endo Ikuyo Endo Concurrent Session 16, Art-Technology Demo Exhibit

#### The 90 degree topological transformation with IKOSOLID

The unifying revolution to the foundations on quantum mechanics

IKOSOLID is Artificial Crystallization and the Solid Benzene. And IKOSOLID has the ability of the 90 degree topological transformation.

At the beginning of the quantum mechanics there were several interpretations. The mainstream is Copenhagen interpretation. Besides, there are Many- worlds Interpretation, Transactional Interpretation and so on. However, because the problem of the consciousness concerns, there is not decisive interpretation in the interpretation of the quantum mechanics at present. That is, the research of the quantum mechanics and of the consciousness have important relation.

By the 90 degree topological transformation with IKOSOLID, IKOSOLID SCIENCE gives the unifying revolution to the foundations on quantum mechanics.

The state of the existence of the positron ( the antiparticle ) is in the reverse of the electron ( particle ) and in the state of 90 degree phase to electron ( particle ). Therefore, the positron ( the antiparticle ) appears obediently in the three-dimensional world by the 90 degree topological transformation and turning a face of positron to the face side with IKOSOLID. As a result the positron made by 90 degree topological transformation with IKOSOLID becomes the outbreak-effect of positron without the pair annihilation of positron and electron. There is not a 90 degree topological transformation and the positron and electron. Therefore, it makes the pair annihilation of positron and electron. In the way of the occurrence, the difference of the positron made by 90 degree topological transformation and the positron formed with the actuator without 90 degree topological transformation becomes very important. However, in the present age thing reason, the high-energy physics ( the elementary particle experimental physics ) is mainstream. Therefore, if adding a 90 degree topological transformation by IKOSOLID as a conductor to the actuator experiment, the revolution happens to the high-energy physics.

It proposes to introduce the 90 degree topological transformation which depends on IKOSOLID into the actuator experiment. As a result, the decisive result of the quantum mechanics which the scientist all over the world craves should appear. Our research is about electron and the positron. Experimentally on the actuator, it is possible to do an experiment on particle and the antiparticle including electron and the positron, too.

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