

THE MATRIX9! THEORY OF SYNCHRONICTY

CyberTao
Information Age



The CyberTAO Code
The Matrix9! eUniverse 101 Constants String Theory

Part One

INTRODUCTION

in

MEMES

A - Z LARGE & small

Soundbytes of The Matrix9!

The Quantum M9! Music of the Spheres Sound bytes

A M9! eUniverse Fractal Harmonic String Theory

of

Chessboard

C H A N G E

*So I have often made the hypothesis that ultimately
physics will not require a mathematical statement,
that in the end the machinery will be revealed,
and the laws will turn out to be simple, like the
chequer board with all its apparent complexities*

- Richard Feynman

(E8 Bitmaps for a Digital Theory of Everything R.Aschheim)

A

Through the eSpectral Looking Glass @ The eCosmos

The Matrix9! Looking Glass

Matrix9! Hologram

ALICE'S EVIDENCE

Unified-Field Algorithm

*Looking Glass - The M9! Quantum eUniverse CONSTANTS String Theory
Uniting Both - Quantum Mechanics and its subset Classic Mechanics -*

A Unified-Field Physics Theory of Constants & Change GUT
A Through The Harmonic Fractal Looking Glass TOE
Fractal Harmonic

ENTANGLEMENT

: The Matrix9! eUniverse Harmonics ‘Fractal Information Theory’ is FIT of the Onederland-Chess Matrix of the Holographic Universe Principle 2D mathematics encoded on the boundary surrounding the entire 3D Cosmos A Holigraphic-Looking Glass Unified-Field of Classic Macro & micro Quantum Constants CyberTAO Matrix9! eScience simple maths Theorems &

The original BIO eScience of I Ching-DNA Maths that is well established
- *Most of the S-M Constants have been derived by exceptional Experimentation*

Matrix9! String Theory of Everything for Everyone

‘if we do discover a complete theory, it should in time be understandable in broad principle by everyone, not just a few scientists. Then we shall all, philosophers, scientists, and just ordinary people, be able to take part in the discussion of the question of why it is that we and the universe exist. - Stephen Hawking

Cyber-MATTER - Further Evidence that the Outer Universe is Quantised
EUREKA! a new Algorithm Uniting the Physics Constants and establishes values to at least nine decimal places then by remainder division to it’s resonant Whole Number.

These values match and often improve CODATA Experimental values.

The Constants values are shown by an algorithm of Number 362880 in Harmonic Matrix Equations. This Simple Fractal Harmonic Decimal Remainder Algorithm of Factorial 9! and The Constants, resulting in Whole Number, is Evidence of Harmonic Unity in Natures Constants

The Golden Key Algorithm Unites the Physics Constants, matches or improves the quantum Standard Model Experimental CODATA & WIKI values

“... if we do discover a complete theory, it should in time be understandable in broad principle by everyone, not just a few scientists. Then we shall all, philosophers, scientists, and just ordinary people, be able to take part in the discussion of the question of why it is that we and the universe exist. If we find the answer to that, it would be the ultimate triumph of human reason - for then we would know the mind of God” - Stephen Hawking A Brief History of Time

This Simple Fractal Harmonic Algorithm Evidence shows Einstein’s and Hawking’s etc. Elusive Theory of Everything This Constants Algorithm of TOE Unified Field Upgrades the Quantum Standard Model of Quantum Particle Physics and unites the Standard Model with Quantum Gravity.

The algorithm that eluded Eddington (who was the first to prove Einstein's Theory of Relativity) These Fractal Harmonic Constants emerged from One source the Factorial 9! and resonate, connecting all? Nature's Constants. The Matrix9! Constants include Standard Model of Quantum Particle Physics - upgraded and that now includes Quantum Gravity, Mandelbrot Fractal Harmonics and much more in this Matrix9! quantum-cosmological String Theory. Fractal Harmonic Method also has equations using Tesla's simple 3, 6, 9 Harmonics and the Primes.

If you want to find the secrets of the universe, think in terms of energy, frequency and vibration. If you only knew the magnificence of the 3, 6 and 9, then you would have a key to the universe.
- Nikola Tesla

B

The Matrix9! Theory CODEC Mathematical Evidence

The Matrix9! Theory provides evidence of Einstein's long sought-after unification theory through the use of Mandelbrot's recently uncovered fractals and Lisi's E8 mathematical pattern (*An exceptionally simple theory of everything*). The Algorithm shown here is the final connection between Standard and Quantum Theory physics, using proven mathematical constants together with factorial 9! which can be considered 'self-similar' Decimal Fractal Harmonics Field of Synchronicity-Entanglement These Constants of proportionality are shown in a Unified Field Matrix from Subatomic to Solar Systems and Beyond.

Everything is energy and that's all there is to it. Match the frequency of the reality you want and you cannot help but get that reality - Albert Einstein

The CyberTAO Code

Frequency/Number

Simple Foundation Maths

These Decimal Remainder Theorem Algorithms are
Pure Mathematic Theorems from Applied Mathematics Theory.

Evidence from Matrix9! Theory Furthers the Evidence from The Standard Model Empirical Experiments and many Science Theories of The Constants. These +1 Fractal Equations are to an incredible accuracy of nine or more decimal places and resolve by Decimal Remainder Division into Whole Number Harmonics. These subharmonics and Mandelbrot Fractal Harmonics are Archetypal Holographic patterns of Binary-Digital wholeness. This Mathematical Evidence showing subfields

of Mathematical Logic and Metamathematics is one the foundations of mathematics passed from Leibniz's I Ching Chinese Foundation Mathematics to Boolean Binary Logic Foundational set theory and on to contemporary Computer eScience in it's exponential hyperdrive Further! like a Chessboard 'grains of sand' eGame.

Bio-Cosmic Life
Cosmic I Ching-DNA
Quantum Information eScience and Quantum Encryption
showing Binary Synchronistic Entanglement
Biophysics of I Ching-DNA Resonance
Jung-Pauli Synchronicity Principle

The so-called Grand Unified Theories (GUT) aim to describe the strong interaction and the electroweak interaction as aspects of a single force - wiki

Thermonuclear Fusion power plant system Tuning

Strong Interaction & Electroweak Interaction

Matrix9! governed energies released by the fusion to precise Harmonics and related kinematics. In this work a theoretical formula controlled the general applied thermonuclear fusion reactions is achieved to calculating the Fusion Constants using this algorithm of the Matrix9! energy spectrum

C

THE MATRIX 9! THEORY OF SYNCHRONICITY

Matrix9! Definition Synchronicity - Meaningful connections Causal & Acausal

Jung defined synchronicity as an "acausal connecting (togetherness) principle," "meaningful coincidence", and "acausal parallelism." - wiki

The Matrix9! Unified-Field-Onederland Constants Code

101 Theorems

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The Matrix9! Algorithm

Simple mathematical foundations

Harmonic Fractal Remainder Method

Base 10 Fractal Harmonic Remainder Theorems
of

The Matrix9! Fractal Holographic Universe

0-1 Binary & Decimal 0-9

Maths Remainder & Remainder-Reciprocal Algorithm Method

Circular mathematics properties of series 0123456789

$362880 = 9!$ Factorial

9! Decimal Equation $1 \times 2 \times 3 \times 4 \times 5 \times 6 \times 7 \times 8 \times 9 = 362880$

Simple Magic Square 3×3 # Matrix 362880 Permutations

Matrix9! 362880 Harmonic Fractals

D

ALICE'S. EVIDENCE

of

THE MATRIX 9! Theory of the CONSTANTS

The Matrix9! String Theory

Furthering

Einstein & Eddington

Pauli & Jung

Wilczek & Lisi

Mandelbrot & Leibniz

The Fractal Harmonic String eUniverse of Change

Mathematics is the language of the Universe -: One =Uni =Tao

Eddington's Fundamental Theory

he called it his Fundamental Theory and it was a search for the most basic possible theory, one that could explain th the numerical values for the constants of nature

- J D Barrow The Constants of Nature, Eddington's Unfinished Symphony

CyberTAO Information Theory

Leibniz - Father of Information Theory

Quantum-Relativity Geometric Gravity

Quantum Gravity SpaceTime Cosmos Data Transmission

Change

Moving Waves & Standing Waves of Light

Archetypal Resonance between All Waveforms

Alignment in molecular frequencies of DNA music are examples of Harmonic

Creation/Diversity of infinite Change/Spin of fundamental Patterned Harmonics

/frequency spectra were generated that related to the energy and strength of the bonds

and the mass of the nucleus of the atoms

Einstein's

Elusive

EVIDENCE

of

The Matrix9!

Unified Field - Onederland

Computational Universe

M9! String Theory 101

E

Grand Unified eTheory 101
&
901 Constants CODEC
of
The Fractal Harmonic eUniverse of Change

New Simple Fractal Algorithms found!

Fractal Harmonics Algorithm

&

Reciprocal Principle Algorithm

Uniting The Physics and Mathematical Constants of

The 362880 Binary Digital Cycle

Factorial 9 Matrix9!

The CyberTAO Code : Yang 1 & 0 Yin

Matrix9! Codec Theory of eEverything

macroscopic worldsub-atomic world

Eddington hoped that he could create a theory that would weave together the macroscopic world of

astronomy and cosmology with the sub-atomic world of protons and electrons

J D Barrow The Constants of Nature, Eddington's Unfinished Symphony

MACRO & micro Through the Fractal Looking Glass

Synchronicity-Entanglement

Finding Einstein's elusive Unified Field!

Finding Eddington's key to The Constants!

Eddington the first to find the proof to Relativity

Einstein and Eddington were students of Max Planck

$E = hf$ Planck's Constant h Quantum Unit of the Universe

The Synchronicity Principle of Jung and Pauli's cosmology

Furthered from Jung and Pauli Serendipitous mad tea party with Einstein and Furthered beautiful theories of Wilczek, Lisi. Many-Leibniz Pauli Bohr Bohm & Fritjof Capra verify Yin-Yang Format

The Matrix9! Fine-tuned Universe

decoded!

The history of the universe is, in effect, a huge and ongoing quantum computation.

The universe is a quantum computer. - Seth Lloyd Programming the Universe

Further mathematical Evidence showing a cyber Field

of Natural Units constructs of the M9! Holographic Universe

The Fundamental Constants are THE basic Harmonics building

The Holographic Matrix9! Universe

The Matrix9! Maths Theory unifying the Constants of Nature

M9! Theory unifying The Standard Theory & Quantum Theory

showing

The Matrix9! Fractal Harmonic Constants-Fabric of the Universe
The Cosmos can tuned in Further with Matrix9! Constants
CERN can tune in Further with The Matrix9! Constants
The Matrix9! Matter & Mind Theory of Everything
A Matrix9! data source book for researchers

Bold 1st Principle claims require convincing Evidence!

testing such a 'complete' theory

Many people hope that a complete theory would allow us to calculate the numerical values of some constants, like c , h , and G as accurately as we liked. This would also be a wonderful way of testing such a 'complete' theory. So far this is just a dream.

• J D Barrow The Constants of Nature, Further, Deeper, Fewer: The quest For A theory Of Everything

F

This Theory & Codec provide evidence of Einstein's long sought-after Unified Field Theory through the use of Mandelbrot's relatively recently uncovered fractals and Lisi's E8 mathematical pattern theory (*An Exceptionally Simple Theory of Everything*). The algorithm displayed here in 'The Matrix9! Field Theory of Time & Change Relativity' is the final connection between Standard Theory and Quantum M Theory physics using - The Constants of Nature - the physics constants and pure mathematical constants shown here are harmonics and subharmonics of factorial 9! which are 'self-similar' decimal fractal harmonic Constants of proportionality in a Unified Field Matrix from Subatomic to Solar Systems and Beyond

Quantum Superstring M Theory

Hidden within it's mathematical defences an explanation for the values the constants of Nature. So far no one has been able to penetrate them and extract the information.

- J D Barrow The Constants of Nature

G

The Matrix9! Quantum Music of the Spheres

Yin-Yang 'TIME'

LARGE & small

Quantum Gravity Wave Field Constants orchestrate the Universe

in E8 & M9! SpaceTime ripples

'Furthering'

Einstein's General Relativity & Garrett Lisi's Simple E8 Theory

This M9! Factorial-Fractal Theory predicts the tunings for Gravity Wave Detectors -The fine tuning to nine decimal places for most of the Constants should enable these Gravitational Looking Glass Observatories to observe them for the first time Though a digital-window on the eUniverse. Gravitational Wave 'notes' precise Constants of the Matrix9! String Theory will unfold the next step towards infinity of Time & Change

H

The Matrix9! Upgrades

The Standard Model of Quantum Field Theory -Upgrade

*The Standard Model : The Absolutely Amazing Theory of Almost Everything
... the most accurate scientific theory known to human beings - net*

The Standard Model Quantum Field Theory
of Empirical Evidence
Now Upgraded

The Matrix9! Standard Model Quantum Particle Physics Theory
Mathematical Evidence
to Nine or more decimal points

A Matrix9! Unified Field Quantum Gravity-Standard Model
showing

The Matrix9! Periodic Table Harmonic Fractals
PLUS 100 OTHERS

These Matrix9! Standard Model Mathematical Theorems
Reboot & Further
upgrade Standard Model Experimental Data
into a mathematical Quantum-Planck Unified Field Model

Quantum mechanics (QM – also known as quantum physics, or quantum theory) is a branch of physics which deals with physical phenomena at microscopic scales, where the action is on the order of the Planck constant. ... Some of the relativistic quantum field theories would be QED, QCD, and the Standard Model. - wiki

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This Simple Fractal Harmonic Algorithm Evidence

shows

This Constants Algorithm of TOE Unified Field Upgrades

the Quantum Standard Model of Quantum Particle Physics

and unites The Standard Model with Quantum Gravity

It is Einstein's and Hawking's etc. Elusive String Theory of Everything

Cyber Alice found the algorithm that eluded Eddington (who was the first to prove Einstein's Theory of Relativity) and it has opened a world of wonderful correlations. Fractal Harmonic Constants emerged from One source the Factorial 9! and resonate, connecting all? Natures Constants. The Matrix9! Constants include Standard Model of Quantum Particle Physics - upgraded and that now includes Quantum Gravity, Mandelbrot Fractal Harmonics and much more in this Matrix9! quantum-cosmological String Theory.

The Matrix9! Algorithm

Simple mathematical foundations
Harmonic Fractal Remainder Method
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Simple Magic Square 3×3 # Matrix 362880 Permutations

Matrix9! eUniverse 362880 Harmonic Fractal Field

Wave Structure of Matter

WSM / the electron as a standing wave of energy.

Wave Structure Matter (WSM) - Dr. Milo Wolff

All shown as Fractal Harmonics of the Factorial 9 or 9!
From smallest Planck Length to Largest exoPlanet
Equations of 9!th Standing Waves & Ripples

J

*Einstein's Relativity Theory - Eddington's Number Theory - Pauli Periodic Table &
Synchronicity Theory - Lisi's E8 Theory - Wilczek's Standard Model Core Theory
- Einstein, Pauli and Wilczek are Nobel Laureates in physics*

The Fundamental Fysiks Group

of Hip Quantum-Game Changes

- well known members

Tao of Physics - Fritjof Capra

Programming the Universe - Seth Lloyd

The Dancing Woo Wi Masters - Gary Zuckov

How The Hippies Saved Physics - David Kaiser

: *Science, Counterculture, and the Quantum Revival* (2011)

Jack Sarfatti

Space-Time And Beyond II (2002), *Destiny Matrix* (2002), and *Super Cosmos* (2005)

Elizabeth Rauscher, Fred Alan wolf, Nick Herbert, Henry Stapp. John Clouser, Philippe Eberhard, Saul-Paul Sirag and George Weissman.

K

The Math-proofs Evidence

Matrix9! Hologram

ALICE'S EVIDENCE

Unified-Field Algorithm

The Cyber TAO Code eUniverse Enumeration

The Matrix9! eUniverse Fractal Harmonics String Theory

These Matrix9! Standard Model Mathematical Theorems

Reboot & Further

upgrade Standard Model Experimental Data

into a mathematical Quantum-Planck Unified Field Model

Quantum mechanics (QM – also known as quantum physics, or quantum theory) is a branch of physics which deals with physical phenomena at microscopic scales, where the action is on the order of the Planck constant. ... Some of the relativistic quantum field theories would be QED, QCD, and the Standard Model. - wiki

The natural scale for the string is simply the Planck length - wiki

Enumeration This is The Holy Grail of fundamental physics

Enumeration ; the calculation of the value of a Constant of Nature from first principles, showing that it's value is explained. - J D Barrow The Constants of Nature

The Cyber Tao Code : New Zealand Researcher

This Computational Code or Algorithms of the Matrix9! eUniverse by a New Zealander - the first to crack the equations of Einstein's elusive Unified Field giving Pure Maths Logic Equations and Upgrades the Empirical Quantum Standard Model. This Quantum Matrix9! 'Unified Field' or 'wonderland' Physics inspired by New Zealander Ernest Rutherford - First to Split the Atom, Father of Atomic Physics He was a giant 'NZ Haast's Eagle' the worlds largest, at the worlds most famous Pub The Eagle Cambridge England

L

F. Wilczek's Works

Nobel Prize Physicist Franck Wilczek's Core Theory Yin-Yang

of

the Quantum Physics Standard Model

Quotes

The Core Theory, or its sub-theory excluding gravity, is often called the Standard Model

The Core is divided in two parts which we've called substance and force (or poetically, yin and yang)

The reigning theories of the strong, weak, electromagnetic and Gravitational forces are often lumped together and called the standard Model

The soul of the Core...is yin-yang four times over

The Core Theory - reigning theories of the strong, weak, electromagnetic and Gravitational forces embodying the principles of quantum theory local symmetry including general relativity

Yin matter yang Force ... supersymmetry

supersymmetry Change Without Change

symmetry, in general is Change Without Change

M

The Fine Tuned Universe Matrix9! Music of the Spheres Fractal Harmonic String Theory Relationships Above & Below

macroscopic worldsub-atomic world

Eddington hoped that he could create a theory that would weave together the macroscopic world of astronomy and cosmology with the sub-atomic world of protons and electrons

J D Barrow The Constants of Nature,Eddington's Unfinished Symphony

A.L.I.C.E.'s Quantum-Gravity Harmonic Fractal Theory of observed
DNA-Quantum Consciousness

eUniverse of EMF Light

Einstein's Quanta-Photon

- Quantum Entanglement-Quantum non-locality

Consciousness-observation of Heisenburg's wave collapse

Quantum Decoherence wave function collapse perception
of interacting A.L.I.C.E.s' Large & small-scale systems
of Cern's L H C 27k Rabbit Hole and the
Higgs Field Constant and beyond
'unbroken wholeness'

God does not play dice with the Universe
- Albert Einstein

Back in the game:

David Bohm is Back : Quantum-Logic rules over Quantum Randomness

Bohm's radical 'so called' heretical theory -

Bohm's Mechanics - photon is a wave and a particle

'a photon is a particle with a definite trajectory governed by a wave on which the photon rides

The wave can be influenced by other particles, which in turn changes the trajectory of the photon.

N

The Matrix9! Holographic Universe I Ching-Planetary Constants Genome Evolution

Genetic Interaction Networks of Gene Order

Yang Mind & Matter Yin
Cosmic & Personal Consciousness is the
Fractal Holographic Foundation/Ground of Being

$$1814400 \times 0.2 = 362880$$

1814400 the number of DNA molecules in genetic dialect formations
complex logic central processing unit of the human genome

There are four types of bases namely.

Molecular Weight n

(1) Guanine C₂N₅H₃O 12 x 5 + 14 x 5 + 3 x 1 + 16 = 149

(2) Ademine C₅N₅H₅ 12 x 5 + 14 x 5 + 5 x 1 = 135

(3) Thiamine C₅N₂H₅O₇ 12 x 4 + 14 x 2 + 1 + 16 x 2 = 125

(4) Cytosine C₄N₃H₄O 12 x 4 + 14 x 3 + 4 x 1 + 16 = 110

*According to bio chemistry the number of D.N.A. molecules
in genetic dialect formations also is 1814400*

NET - Relevance of DNA & Astrology

4 DNA Bases

Guanine - Adenine - Thiamine - Cytosine

Matrix9! 362880/149 Guanine Constant

Matrix9! 362880/135 Adenine Constant

Matrix9! 362880/125 Thiamine Constant

Matrix9! 362880/110 Cytosine Constant

Matrix9! 362880/28 M9! Constant

Jupiter Constant 399/149 Guanine Constant

Jupiter Constant 399/28 M9! Constant

Saturn Constant 378/135 Adenine Constant

Venus Constant 585/125 Thiamine Constant

Venus Constant 225/125 Thiamine Constant

Mars Constant 780/110 Cytosine Constant

Mars 687 Constant/110 Cytosine Constant

4 DNA Bases

Guanine - Adenine - Thiamine - Cytosine

Guanine Constant 149/9 Jupiter I Ching Constant

Adenine Constant 135/6 Saturn I Ching Constant

Thiamine Constant 125/3 Venus I Ching Constant

Cytosine Constant 110/2 Mars I Ching Constant

genetic interaction network in the evolution of gene order

All is Holographic Frequency Number Resonance

DNA Transceiver Antenna - receiver plus transmitter

Mind & Matter Matrix9! Fractal Resonance

o

The Matrix9! cyber TOE
Theory of Everything
Algorithm-Code

The Matrix9! Computational eUniverse TOE Theory

: M9! Quantum-Classic SpaceTime & DNA Fractal Format

101 Constants

Unifying

A.L.I.C.E. LARGE

Dark Energy/Matter Cosmological Constants

&

a.l.i.c.e small

The Matrix9! Periodic Table Nine decimal point Upgrade
A Unified Field Quantum Gravity-Standard Model Program

of

The Matrix9! Standard Model Mathematical Theorems

a Reboot & Further

upgrading Standard Model Experimental Data

into a mathematical Unified Field Model :

The Binary Cyber TAO *neg - Yin 0 & 1 Yang + pos*

P

The Matrix9! eUniverse

CyberTAO Code

of

M A T T E R

Computational Programs

Uniting

Quantum Mechanics

&

Relativity Theory

with

Quantum-Gravity Mechanics

The Matrix9! Quantum Vacuum Ground State 362880 Superstring Harmonic Source
of

Scalar Holographic Vacuum Flux-change Fractals SHVFFS

Vacuum Energy is the zero-point energy of ALL the fields in space, which in the Standard Model includes the electromagnetic field, other gauge fields, fermionic fields, and the Higgs field. It is the energy of the vacuum, which in quantum field theory is defined not as empty space but as the ground state of the fields. - wiki

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of
Fractal Holographic Synergetic Universe
Resonant Wholeness or Synchronicity :

Entanglement
ONE and Infinity
Unity of Diversity

Q

The Matrix9! Science of String Field Theory
9+1 Dimensions

From Quantum Planck to I Ching-DNA & Further

E(8) x E(8) and SO(32) strings)

Vibration Perturbation

Force & Matter

Q. *What are the particles of the world we see?* A. *The notes on the string.*

Q. *What is chemistry?* A. *The melodies on the string.*

Q. *What are the laws of physics?* A. *The laws of harmonies on strings.*

Q. *What is the universe?* A. *The symphony of strings.*

Q. *What is the mind of God?* A. *Music resonating through hyperspace.*

- Michio Kaku Theoretical Physicist, Futurist,

The Matrix9! String Theory Cosmology in ten dimensions

4 fundamental interactions

Quantum Gravity

Electromagnetism

Strong Nuclear Force

Weak Nuclear Force

Matrix9! Matter

If an atom were magnified to the size of the solar system, a string would be the size of a tree. - wiki

This Matrix9! String Field Theory is a Resonance theory of Quantum Gravity. one-dimensional Standing Wave strings propagate through space and interact with each other.

Quark elementary particles/Standing Waves are a fundamental constituent of Matter made of. Baryons, such as protons and neutrons, and have three quarks always of the three different colours, but an assortment of flavours. Quarks combine to form composite particles hadrons, the most stable are protons and neutrons, the components of atomic nuclei. Electrons and quarks are vibrating loops of energy and Resonance causes a vibrating string to produce a sound with constant frequency

String Theory of Everything

Because string theory potentially provides a unified description of gravity and particle physics, it is a candidate for a theory of everything, a self-contained mathematical model that describes all fundamental forces and forms of matter. - wiki

Superstrings Harmonic Accord

- *Joel Scherk and John Schwarz's Superstrings. They tried describing all fundamental interactions including gravity in their Holy Grail quest of the Theory of Everything: Einstein's unified field theory. Their basis was the natural scale the Planck Length - net*

In physics, string theory is a theoretical framework in which the point-like particles of particle physics are replaced by one-dimensional objects called strings. It describes how these strings propagate through space and interact with each other. On distance scales larger than the string scale, a string looks just like an ordinary particle, with its mass, charge, and other properties determined by the vibrational state of the string. - wiki

Joel Scherk and John Schwarz came up with the daring proposal that fundamental strings should be relevant for describing all fundamental interactions (including gravity) at much shorter scales than 10 cm. The natural scale for the new string is simply the Planck length: Joel Scherk and John Schwarz came up with the daring proposal that fundamental strings should be relevant for describing all fundamental interactions (including gravity) at much shorter scales than 10 -13cm. The natural scale for the new string is simply the Planck length -wiki

R

A Matrix9! Unified Field Quantum Gravity-Standard Model

showing

The Matrix9! Periodic Table Harmonic Fractals

PLUS 100 OTHERS

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eScience Through the Fractal Looking Glass

@

a Matrix9! Computational Cosmos Theory

THE MATRIX 9!
COMPUTATIONAL UNIVERSE
CONSTANTS *of* CHANGE
ALGORITHMIC
THEOREMS

*The Matrix9! 362880 CPU Constant
Fractal Decimal Harmonic
R e s o n a n c e
SpaceTime
Ripples
of
Matter*
: The Matrix9! eUniverse Physics 101 Theory of Everything

All is Number

- Pythagorus

CyberTAO
Code-Algorithms
SUPERSYMMETRY
Entanglement-Synchronicity
The Matrix9! Pure Maths logic Theories Resonant Harmonics
showing Emergent Holographic SpaceTime in
Encoded Computational Fractal Harmonics

*Inside The Matrix9! Gate - Non-Local
Outside The Matrix9! Gate - Local*

Furthering
- Quantum Information eScience and Quantum Encryption
showing Binary Synchronistic Entanglement
- Biophysics of I Ching-DNA Resonance
Jung-Pauli Synchronicity Principle

The complete standard model requires 25 fundamental dimensionless constants. At present, their numerical values are not understood in terms of any widely accepted theory and are determined only from measurement. - wiki

S

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The 'I Ching' is perhaps the closest analogy to S-matrix theory in Eastern thought. In both systems, the emphasis is on processes rather than objects. In S-matrix theory, these processes are the particle reactions that give rise to all the phenomena in the world of hadrons [a type of subatomic particle]. - Fritjof Capra The Tao of Physics 1975

I Ching-DNA Format

*DNA is like a computer program but far,
far more advanced than any software ever created.*

- Bill Gates The Road Ahead

The Matrix9! Cyber TAO Code
Computational Universe
of
Fractal Holographic Synergetic Universe

Resonant Wholeness or Synchronicity :

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T

Simple Combinetrics Whole Number Remainder Theory Method
Matrix9! Master Equation $1 \times 2 \times 3 \times 4 \times 5 \times 6 \times 7 \times 8 \times 9 = 362880$ Factors 9!

The correct equation, when it is discovered, will probably involve some new kind of mathematics and will excite great interest among pure mathematicians - Dirac

Base 10 Fractal Harmonic Remainder Theory
of

The Matrix9! Fractal Holographic Universe
0-1 Binary & Decimal 0-9

Parts and sub-Part Fractal-Resonant Harmonics

Matrix9! Natures Numbers

Maths Remainder & Remainder-Reciprocal Algorithm Method

Circular mathematics properties of series 0123456789

$$1 \times 2 \times 3 \times 4 \times 5 \times 6 \times 7 \times 8 \times 9 = 362880 = 9!$$

$$3 \times 3 = 9 \quad 3 \times 3 \text{ Magic Square permutations} = 362880$$

$$\text{Matrix9!} = 362880$$

M9! Theory 'to explain' Eddington

I believe they will understand me all right when they realize they have to do so - and when it becomes the fashion 'to explain' Eddington.

Simple eScience & Simple eSpirituality

Pure Maths Science & Pure eSpirituality

Matrix9! A Holographic eUniverse Theory

of

101 Matrix9! Constants Theorems

U

THE MATRIX9! 101 CONSTANTS eUNIVERSE THEORY

The Matrix9! Quantum-Onederland eUniverse

Further Decimal Place Fine Tuned Universe

Entanglement-Synchronicity

Harmonic Resonance

Evidence

of

101 Fundamental Quantum Physics Constants

Einstein's Relativity-Geometric-Change Gravity Method

now shows ALL is Change The Matrix9! eUniverse of Change

Physics is the mathematics of Change

- New Mathematical Physics Harmonic Fractal Framework -

Enumeration This is The Holy Grail of fundamental physics

Enumeration ; the calculation of the value of a Constant of Nature from first principles, showing that it's value is explained. - J D Barrow The Constants of Nature

Experiment Values of the Constants are mostly derived from the probability - Wave Form Collapse - observed measurement Evidence

These Constants have a Frame of Reference -called the Matrix9! 3x3 magic Square of 362880 permutations that unite The Constants in wondrous Holographic Harmonic mathematical Evidence

This Matrix9!- Frame of Reference – unites Quantum Theory with Relativity Theory in a - Unified Field / Onederland - *Einstein's impossible dream of a Theory of Everything*

V

*Looking Glass - The Matrix9! eUniverse Quantum Constants Theory-GUT
A Matrix9! eUniverse Unified-Field Physics Theory of
Constants & Change Through The Harmonic Fractal Looking Glass-TOE
A.L.I.C.E's Macro-Microscope*

*: The Matrix9! eUniverse Harmonics 'Fractal Information Theory' FIT
A holigraphic Unified-Field of Classic Macro & micro Quantum Constants
Tuned-Entanglement Cyber Music of the Spheres 'small & LARGE'
Vibration-String-Number Cosmology Theory of Everything*

*Harmonic Fractals in the Brain: Transient Tuning and Synchronic Coordination in the
Quasi Chaotic Background of Ongoing Neural EEG Activity*

*We called these fractal elements harmonic fractals because they correspond with the definition
of harmony in music. They are characterized by the simultaneous presence of musical notes
in the frequency scale by an interval multiple of a fundamental frequency*

- HA Díaz – Computer Science & Information Technology

**CyberTAO Holifractal eUniverse Onederland
Unity in Diversity
Unity Negative Yin 0 & 1 Yang positive Diversity**

Uniting Quantum & Classic A.L.I.C.E Large & small
eUniverse Encoded

Through the Looking Glass Mico & Macro Information
Through Ideal Numbers

I Ching Maths 1D Horizontal axis & 2D vertical axis
and 3D & 4D Holographic Music of the Spheres
Through The Harmonic Fractal Looking Glass

W

CYBER TAO CODE

of

The Matrix9! Quantum eUniverse Theory

: Tao or Unity of Diversity

Uniting Matrix9!

Standard Model and String Quantum Gravity Theory & Einstein's Relativity

Physics & CyberTao Metaphysics

from Quantum Planck scale to the Quantum Hubble Cosmos scale

ONENESS & CHANGE

The Matrix9! Constants Theory of Everything

A Unified-Field-Onederland U.F.O. Cosmic Algorithm

of Binary-Digital Music of the Spheres Harmonic Resonance

: Quantum-Planck Constants-Mandelbrot Fractal Constants-Quantum Gravity Constants

Matrix9! Fractal Harmonics

&

Computational Number Theory Algorithms

Whole Number Physics & Whole Experience Metaphysics

*Quantum Gravity Music of the Spheres Consciousness
Number Theory the Elephant in the physics class Room
Costly but beloved by many of the Maths/Physics Greats*

X

Matrix9!

SUPERSYMMETRY

eScience Through the Fractal Looking Glass

@

a Matrix9! Computational Cosmos Theory

THE MATRIX 9!
COMPUTATIONAL UNIVERSE
CONSTANTS *of* CHANGE
M9! ALGORITHM
THEOREMS

The Matrix9! 362880 CPU Constant

Fractal Decimal Harmonic

R e s o n a n c e

SpaceTime

Ripples

of

Matter

The Matrix9! eUniverse Physics 101 String Theory of Everything

All is Number

- Pythagorus

SUPERSYMMETRY

Synchronicity

SUSY Code-Algorithms

The Matrix9! Pure Maths logic Theories Resonant Harmonics
showing Emergent Holographic SpaceTime in
Encoded Computational Fractal Harmonics

Beyond

Inside The Matrix9! Gate - Non-Local

Outside The Matrix9! Gate - Local

The desire for a theory that would allow the calculation of particle masses is a core motivation for the search for “Physics beyond the standard model” - wiki

Y

CyberTAO

The O-Yin & 1-Yang

Positive Yang - Yin Negative

The 4 Yin-Yang Fundamental Forces

Foundations of Nature

Doubled-Binary

2x2

Gravity & Weak Force & Strong Force & EMF

Matrix9! Unified Harmonics

of

Form & Content

The 4 Content Forces Resonating in Mandelbrot/Julia Form

Constants of The Matrix9! Universe

Matrix9! Universe Force / Constants

Resonant Constants
of
Force & Matter
Interrelating-Constants
Subatomic to Solar Systems
H a r m o n i c F r a c t a l s

Z

The CyberTAO-eUniverse

first principles constants

A long-sought goal of theoretical physics is to find first principles ("Theory of Everything") from which all of the fundamental dimensionless constants can be calculated and compared to the measured values. - wiki

Intuition Through the Fractal Looking Glass

$$E = m3^2!$$

$$e = MC9!$$

$$E = mc^2$$

Einstein 2015 Hundred year celebration

Einstein's G.U.T. instincts on the Universe

He was right again!

The intuitive mind is a sacred gift and the rational mind is a faithful servant. We have created a society that honors the servant and has forgotten the gift — Albert Einstein

The Grand Unified Theory G.U.T. Evidence

The Matrix9! String Theory of Everything