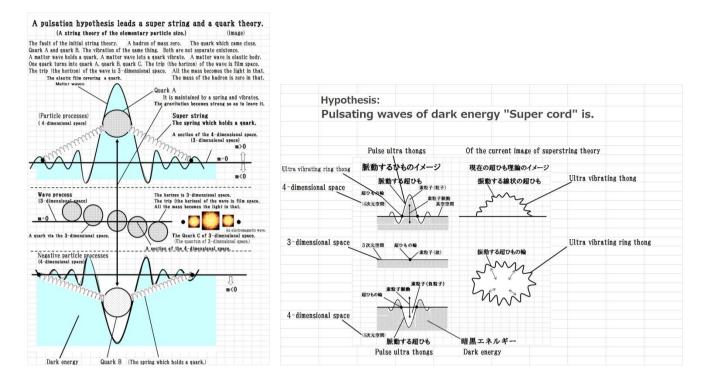
A hypothesis reforms a super string theory.

The Elementary Particle Pulsation Principle. The complete table of contents.



Chapter 6. No. 3: revolution in superstring theory.

- [1]. Advanced "superstring theory"
- [2]... most likely candidate for the ultimate theory and superstring theory.
- [3]... continued looking for Einstein 4-dimensional space.
- [4]. elementary pulsation principle is the new geometric model of superstring theory.
- [5] Waveform pulse Ultra is a string.

Chapter 1. Elementary particle pulsation principle.

- [1] Basic concept of the elementary particle pulsation principle.
- [2] The concepts of elementary particle pulsation principle, and the existing facts.
- [3] The grounds that came up with the idea of the hypothesis of the pulsation principle. Its history.
- [4] The first step to elementary particle pulsation principle birth.
- [5] I built the geometric model of the elementary particle pulsation principle.
- [6] Summary of the elementary particle pulsation principle.
- [7] The hypothesis of the elementary particle pulsation principle. (The original of the 1980 announcement)
- [8] An elementary particle is a lump of the energy. It is super-high-speed and pulsates. The reason.
- [9] The application of the elementary particle pulsation principle. The grounds of the idea.
- [10] The characteristic list of the elementary particle pulsation principle. (Timing distinction).
- [11] Figure of the quantum-mechanical uncertainty principle.
- [12] The idea of elementary pulsation principle apply the concepts.
- [13] Elementary pulsation principle concepts of theoretical physics puzzler. (1-33)

Chapter 2. Dark energy pulsating principle.

- [1]. dark energy in 1998, validated by the discovery of the accelerating expansion of the universe.
- [2] Elementary particles pulsating principle and dark energy pulsating principle.
- [3] dark energy information.
- [4]... present a strong candidate for dark energy.
- [5]... dark energy exist in 4-dimensional space.
- [6]. mechanism of particle mass due to pulsation of the dark energy.
- [7]. dark energy pulsating show supersymmetry.
- [8] dark energy and the energy of the vacuum space equivalent mechanism.
- [9] dark energy and the Higgs field.
- [10] Elementary particles mass generation mechanism.

Chapter 3. May be found in 4-dimensional space.

- [1]. May be found in 4-dimensional space.
- [2]. Elementary pulsation principle found the four-dimensional space
- [3]. Discover kept looking for Einstein's four-dimensional space.
- [4]. Diagram of the 4-dimensional space.

Chapter4: dark matter discovered.

- [1] Elementary pulsation principle hypothesis and dark matter.
- [2] Candidates for dark matter and dark energy.
- [3]. A perfect candidate for dark matter.

Chapter 5. Solve the mystery of the chapter 6 the double slit experiment.

- [1] Experiments led to the origin. Quantum mechanics and probability interpretation.
- [2] Solve the mystery of the double-slit experiment.
- [3] double-slit experiment become a gravitational wave detection?
- [4] modern version ether experiments.
- [5] dark matter and dark energy candidates
- [6] double-slit experiment matter waves interpretation

Chapter 6. No. 3: revolution in superstring theory.

- [1]. Advanced "superstring theory"
- [2]... most likely candidate for the ultimate theory and superstring theory.
- [3]... continued looking for Einstein 4-dimensional space.
- [4]. elementary pulsation principle is the new geometric model of superstring theory.
- [5] Waveform pulse Ultra is a string.

Chapter 7: quantum mechanics back to reality.

[1] a probabilistic interpretation.

Origin [2] probability interpretation of the double-slit experiment.

The discrepancies to the probabilistic interpretation [3].

Another stroke characteristics of particles [4].

Geometric description of the concepts by pulsating particles [5].

Concepts of theoretical physics [6] elementary pulsation principle to solve (1-33).

Chapter 8: The unification of gravity and electromagnetism.

- [1]... to the goal of modern physics and the Super grand unified theory hypothesis.
- [2]. elementary pulsation principle announced in 1980, with the physical society of Japan.
- [3]... article published in 1980, has been kept on the cinii National Institute of Informatics, Japan physical society.
- [4]... on the Internet Encyclopaedia Wikipedia articles.
- [5]... an illustrated guide to the nuclear forces, gravity, electromagnetic force.
- [6]... unity based on elementary pulsation principle forces, gravity, electromagnetic force.
- [7]. structure of pulsating principle model for finite nuclei.
- [8]. it front and back of the same photon-photon and quantum gravity.

Chapter 9. Pulsating Big Bang universe model.

- [1]. The current universe model.
- [2]. To deny the cosmic inflation model.
- [3], the large-scale structure of the universe.

- [4]... microcosm was illustrated on the cover model.
- [5]. Models of the universe birth starting with the size of the universe, without exceeding the speed of light.
- [6]. by dark energy pulsating universe model.
- [7]. Cover model shows, many of the microcosm.
- [8]. to solve the mystery of cosmic large-scale structure voids (bubbles) in in the Galaxy.
- [9], each pulsating voids (bubbles) is a microcosm.
 - [10]. Solve the mystery of the cosmic microwave background radiation.

Chapter 10. The geometry of the universe.

- [1]. The geometry of the universe.
- [2]. Space no. same scale and structure of the vacuum space.
- [3]. All things geometric figure.
- [4]. All things geometric cover.

Chapter 11. Equation, (quantum gravity equation) of all things.

- [1] The quantum gravity equation.
- [2] The grounds that zeroed the space fixed number of the quantum gravity equation.
- [3] The challenge to a quantum gravity equation.
- [4] Challenge to a quantum gravity equation, 2.
- [5] Challenge to a quantum gravity equation, 3.
- [6] I apply gravity equation to an elementary particle.
- [7] When a gravitation constant becomes zero, all things become the vacuum.
- [8] Figure of equation of all things.
- [9] The cover of the quantum gravity equation.

Chapter 12. I challenge "proof of the Lehman expectation".

A mathematics difficult problem biggest in history.

- [1] With the mathematics difficult problem "proof of the Lehman expectation" biggest in history.
- [2] I challenge the difficult problem Lehman expectation that rejected the geniuses challenge for 150 years.
- [3] It is challenged the mystery of the prime number, a mathematics difficult problem biggest in history, proof of the Lehman expectation.
- [4] Neology of the Lehman expectation. A point of intersection that all O points are straight.
- [5] An elementary particle pulsation principle founds a door of the Lehman expected proof.

Chapter 13. Dark energy physics, other.

- [1] Supersymmetric particles, supersymmetric mechanics.
- [2] Proof of the Riemann hypothesis.
- [3] The challenge of high-temperature superconductor materials.

仮説が超弦理論を改革する。

第 1 章 素粒子脈動原理

- [1]素粒子脈動原理の基礎概念
- [2]素粒子脈動原理に関する既存の事実、概念
- [3]素粒子脈動原理の仮説を着想した根拠とその経緯
- [4] 素粒子脈動原理誕生への第一歩
- [5] 素粒子脈動原理の幾何学的モデルを構築
- [6]素粒子脈動原理の概要
- [7]「素粒子脈動原理」の仮説。(1980 年発表の原文)
- [8]素粒子が超高速で脈動しているエネルギーの塊であると仮定する根拠。
- [9]素粒子脈動原理の適用、諸概念発想への根拠
- [10]素粒子脈動原理の行程別特性表
- [11]量子力学の不確定性原理の図
- [12] 素粒子脈動原理の適用、諸概念発想
- [13] 素粒子脈動原理が解く理論物理学の諸概念(1~33)

第2章 暗黒エネルギー脈動原理

- [1] 宇宙の加速膨張の発見により1998年に検証された暗黒エネルギー
- [2] 素粒子脈動原理と暗黒エネルギー脈動原理
- [3] 暗黒エネルギーに関する情報
- [4] 暗黒エネルギーの有力候補を提示
- [5] 4次元空間に実在する暗黒エネルギー
- [6] 暗黒エネルギーの脈動による素粒子質量の発生機構
- [7] 暗黒エネルギーの脈動は超対称性を現す
- [8] 暗黒エネルギーが真空空間のエネルギーと等価となる機構。
- [9] 暗黒エネルギーとヒッグス場。
- [10]素粒子質量の発生機構

第3章 4次元空間の発見

- [1] 四次元空間の有力候補を提示。
- [2] 素粒子脈動原理が四次元空間を発見
- [3] アインシュタインが探し続けた4次元空間を発見。
- [4] 4次元空間の図

第4章 暗黒物質の発見

- [1]素粒子脈動原理の仮説と暗黒物質
- [2] 暗黒物質の完璧な候補
- [3] 発見した暗黒物質は完璧な候補と等価

第5章 二重スリット実験の謎を解く

- [1] 量子力学の原点、確率解釈に導いた実験
- [2] 二重スリット実験の謎を解く
- [3] 二重スリット実験が重力波検出実験になるかも?
- [4] 現代版エーテル実証実験。
- [5] 暗黒物質・暗黒エネルギーの候補
- [6] 二重スリット実験の物質波解釈

第6章 超弦理論の第3次革命

- [1] 最先端理論 「超弦理論」
- [2] 究極理論の最有力候補・超弦理論
- [3] アインシュタインが探し続けた4次元空間
- [4] 素粒子脈動原理は超弦理論の新幾何学モデル
- [5] 暗黒エネルギーの脈動波形が超ひも

第7章 量子力学を実在にもどす

- [1] 確率解釈
- [2] 確率解釈の原点、二重スリット実験
- [3] 確率解釈への疑義
- [4] 素粒子脈動の行程別特性
- [5] 素粒子脈動原理による諸概念の幾何学的解説
- [6] 素粒子脈動原理が解く理論物理学の諸概念(1~33)

第8章 重力と電磁気力の統一

- [1] 超大統一理論
- [2] 現代物理学の最終目標、超大統一理論への仮説
- [3] cinii 国立情報学研究所に保管されている 1980 年の日本物理学会で発表した資料。
- [4] ネット上の百科辞典 Wikipedia に掲載された記事
- [5] 核力・重力・電磁気力の図説
- [6] 素粒子脈動原理による核力・重力・電磁気力の統一
- [7] 脈動原理モデルによる原子核の構造。
- [8] 光子と重力量子は同じ光子の表と裏

第9章 脈動ビッグバン宇宙モデル。

- [1]. 現在の宇宙モデル。
- [2]. 宇宙のインフレーションモデルを否定。
- [3]. 宇宙の大規模構造。

- [4]. 表紙に図示した小宇宙群モデル。
- [5]. 宇宙の大きさから始まる宇宙誕生モデル。
- [6]. 暗黒エネルギー脈動宇宙モデル。
- [7]. 表紙のモデルは、沢山の小宇宙群を示している。
- [8]. 宇宙大規模構造(ボイド)の謎を解く。
- [9]. 各々のボイド(気泡)が小宇宙である。
- [9]. 宇宙マイクロ波背景放射の謎を解く。

第10章 万物の幾何学

- [1] 万物の幾何学
- [2] 宇宙第規模構造と真空空間の曲日構造が同じ
- [3] 万物の幾何学の図
- [4] 万物幾何学の表紙

第11章 万物の方程式・(量子重力方程式)

- [1] 量子重力方程式
- [2] 量子重力方程式の宇宙定数をゼロにした根拠
- [3] 量子重力方程式への挑戦
- [4] 量子重力方程式への挑戦、その2
- [5] 万物の方程式への挑戦(3)
- [6] 重力方程式を素粒子に適用する。
- [7] 万有引力定数がゼロの時万物が真空になる。
- [8] 万物の方程式図
- [9] 量子重力方程式の表紙

第12章 数学史上最大の難問「リーマン予想の証明」に挑戦

- [1] 数学史上最大の難問「リーマン予想の証明」とは
- [2] 150年間天才達の挑戦を退けてきた難問リーマン予想に挑戦
- [3] 素数の謎、数学史上最大の難問、リーマン予想の証明に挑戦
- [4] リーマン予想の新解釈。ゼロ点は全て一直線との交点
- [5] 素粒子脈動原理がリーマン予想証明の扉を開く

第13章 暗黒エネルギーの物理・その他

- [1] 超対称性粒子・超対称性機構
- [2] 高温超伝導材への挑戦