

Double slit experiment interpretation by gravity waves.

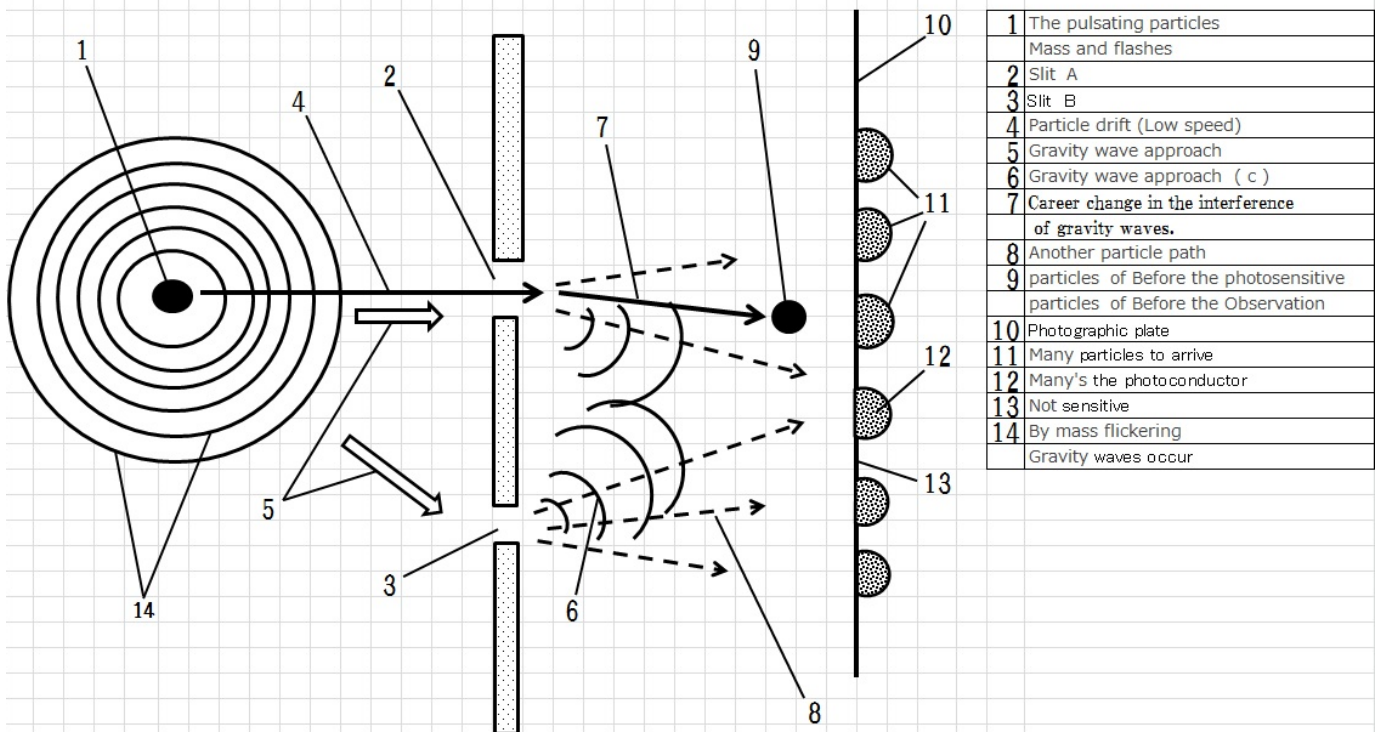
Elementary pulsation principle predict the particle mass flickering.

Due to relativistic mass flickering raises the gravity waves.

Career change in the interference of gravity waves.

[Double slit experiment interpretation by gravity waves]

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	By mass flickering Gravity waves occur

Hypothesis of Pulsation principle

The year 1980

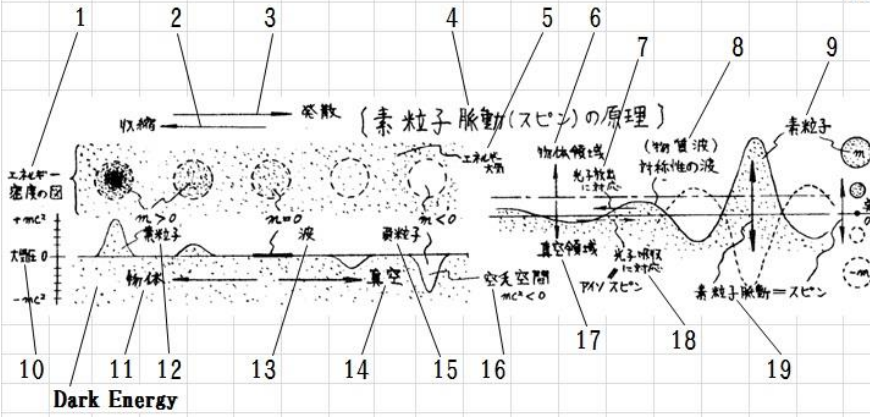
Terubumi Honjou 本荘光史

仮説

Hypothesis

脈動原理

Pulsation principle



1	Energy density
2	Shrinkage
3	Divergence
4	Pulsation principle
5	Dark enelgi
6	Object area
7	Photon emission
8	Matter waves
9	Elementary particle physics
10	Energy density
11	Object
12	Elementary particle physics
13	Wave
14	Vacuum
15	Negative particles
16	Empty dead space
17	Object area
18	Photon absorption
19	Pulsating

Figure) The year 1980
Presented by the physical society of Japan
Dark energy was discovered in 1998.

Hypothesis of Pulsation principle

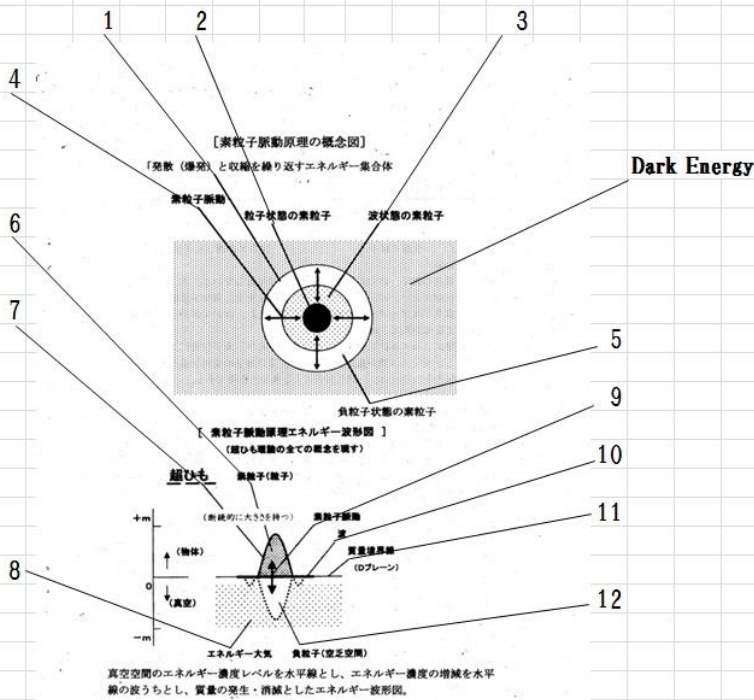
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In 1980

Terubumi Honjou 本荘光史

Hypothesis

Pulsation principle



1	Energy collective
2	Elementary particle physics
3	Wave
4	Pulsating
5	Negative particles
6	Elementary particle physics
7	Ultra thongs (Superstring theory)
8	Dark Energy
9	Pulsating
10	Wave
11	Mass border
12	Negative particles

Figure) In 1980
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Chapter 6.

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

The mystery of the chapter 6 the double slit experiment

[1] particle and wave duality.

Einstein light particles called "quantum physics". However, nature as the waves of light, proved completely disappeared to? What happens after young's experiment (experiment of the interference of waves) became the deciding factor of the wave theory with a grain of light one at a time. Over time, was drawing the pattern for a while, and light grain, grains of light interference experiment (Figure 1), and scrawled the interference stripes. In the presented wave phenomena and not one by one size fit to interfere, attracts a large number. Light does not have both particle and wave nature, and then you think. Grain: If one is in here, on the other is not. Wave: what cannot be confined to one location and spread. Totally opposite nature can live together why? Source 4)

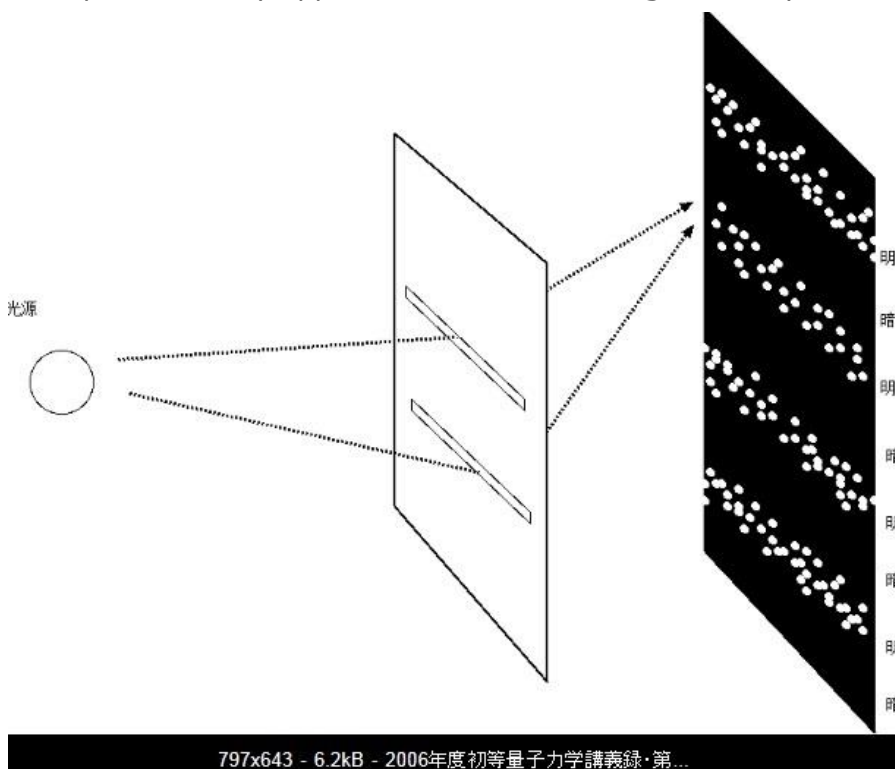


Figure 1 block diagram of the double-slit experiment

Firing electrons from the electron gun and a photographic plate on the other side. The way is in a vacuum. Put the metal screen located in the path of an electron. The Board has two slits, electrons have to pass through here. Then on photographic plates in photosensitive electron gray stripes drawn as an image. The stripes are the same as wave interference fringes, showing the wave nature of

electrons. In this experiment by firing electrons one at a time, the same result is obtained. That is hit many times repeatedly e to launch one at a time from the total in the photographic plates and still same as interference stripes. Sure to cause similar interference as well as experimenting with large molecules called Fullerenes, instead of the microscopic particles in 1999, Anton Tsai ringer, electron and photon-like when the. Tsai ringer has goals and then produce interference fringes by the virus. Source: 5

- Quantum mechanical probability interpretation source: 6, source: 44

By the discovery of the double-slit experiment and matter waves particles were found that the properties of the particle and wave properties are satisfied at the same time. Led the only real equation by Schrodinger Equation representing the double-slit experiment contains imaginary numbers, calculated as the square of the absolute value. Born became the mainstream of quantum mechanics to understand the equations obtained for the Copenhagen interpretation and the interpretation of probability is called.

- Double slit experiment a most strange's Wikipedia 6

In that the impact probability distributions are interference fringes. Patterns of particle impact of one particle is completely consistent with the particles generally envisioned, but that points to "dominate the distribution of spatial spread (considered = wave)" of its existence. Theory of particle and wave duality "behavior of large numbers of particles form a wave nature" had in the past. But this experiment of single particle in a strange phenomenon and indicate what dominates the distribution of spatial spread of the counterintuitive common. And in the most common particles particles at one point should exist and what governs the distribution of space spread over the same seems unlikely. But only finds facts contrary to common intuition "combines the properties of 'something to dominate the distribution of spatial spread, single particles'" from this strange experiment results. It is hard to believe, but this is the nature of quantum in the experiments show the unshakable truth.

Image of the atomic structure • probability interpretation

Nuclear and electron probability waves are distributed like clouds around the Center. Source: 7

Instantaneous contraction of probability waves mystery • double-slit experiment and observation.

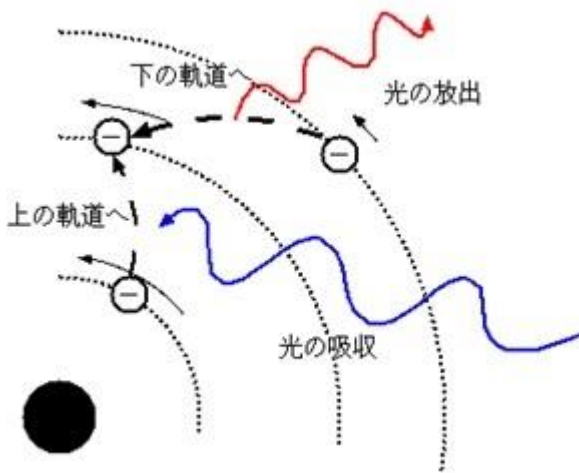
Irrational probability interpretation and the limitations. The convergence of probability waves. The convergence of wave packets.

Probability wave is not a physical wave waves of possibility, and exist. Double-slit experiment at tried to converge has a moment, e reaches a photosensitive plate (time zero), infinity, probability waves had spread wave packet convergence problem. It TEM wave packet reduction observed problems, etc. There is doubt and instant transmission of the action is contrary to the special principle of relativity. Physicists have your doubts and even now, Einstein and Schrödinger, and have not yet yielded the conclusion. Source: 8

- Quantum mechanics of the hidden variable

David Baum of the University of London, is hidden at the bottom of the visible symptoms more profound order and its governance formed the world thinks.

- Atoms orbit jumps. Source: 7



- Quantum mechanics, orbital transitions of electrons in atoms have instantaneous action of time zero.

Einstein to the probabilistic interpretation • negative. Source: 9

Quantum scientists was theory that coincidentally dominated by uncertainty and the physics of the microscopic world. I abhorred the idea of quantum mechanics that Einstein came to focus on the most significant structure of the universe is uncertain in nature.

A question about Einstein's quantum mechanics was at two. One is the strangeness of the measurements indicated in "Schrödinger's cat". Is the concept of man and moment to change the State of matter and quantum mechanics. Einstein said "not that should matter far interact instantly. There is no signal transmitted faster than the speed of light, according to the theory of relativity. It is like admitting the existence of telepathy in this. 」

You should have beautiful order independent of human nature, and Einstein's quantum mechanics criticisms. Still cannot answer fundamental paradox shoves Einstein, quantum mechanics theory is developed. Einstein's friends one after another and changed into the followers of quantum mechanics. To the higher Institute of Princeton, he muttered. "I thinks about quantum mechanics as much as 100 times of relativity. "In anguish over the quantum mechanics, Einstein's loneliness is deepened. Source 40)

- Schrödinger's cat. And the presence of observation and more dead than alive's cat. Source 9
- Still in the fundamental equations of quantum mechanics, Schrödinger himself is the creator, the Schrödinger equation has been lifelong, probabilistic interpretation and the measurement problem of quantum mechanics was hold doubts. Objected to the interpretation of the convergence probability waves observed by. And even now is the problem that resolved completely is hard to say.

- (Goethe's chromatics)

Germany poet.

Goethe is "color" is on the boundary between light and dark, and thought. Color does not appear looking at light through a Prism. The Goethe discovered that lined with bright color only on the portion of the boundary between light and darkness. "Color, half light, half shadow is. And the marriage of light and dark that "it is the conclusion of Goethe. I think it shows up when Goethe was together with observed and observing for the first time, nature's true. Hacked by the experimental nature, replaced by numbers nature is no longer losing really is. Goethe thought has been re-evaluated by quantum mechanics. Source: 10

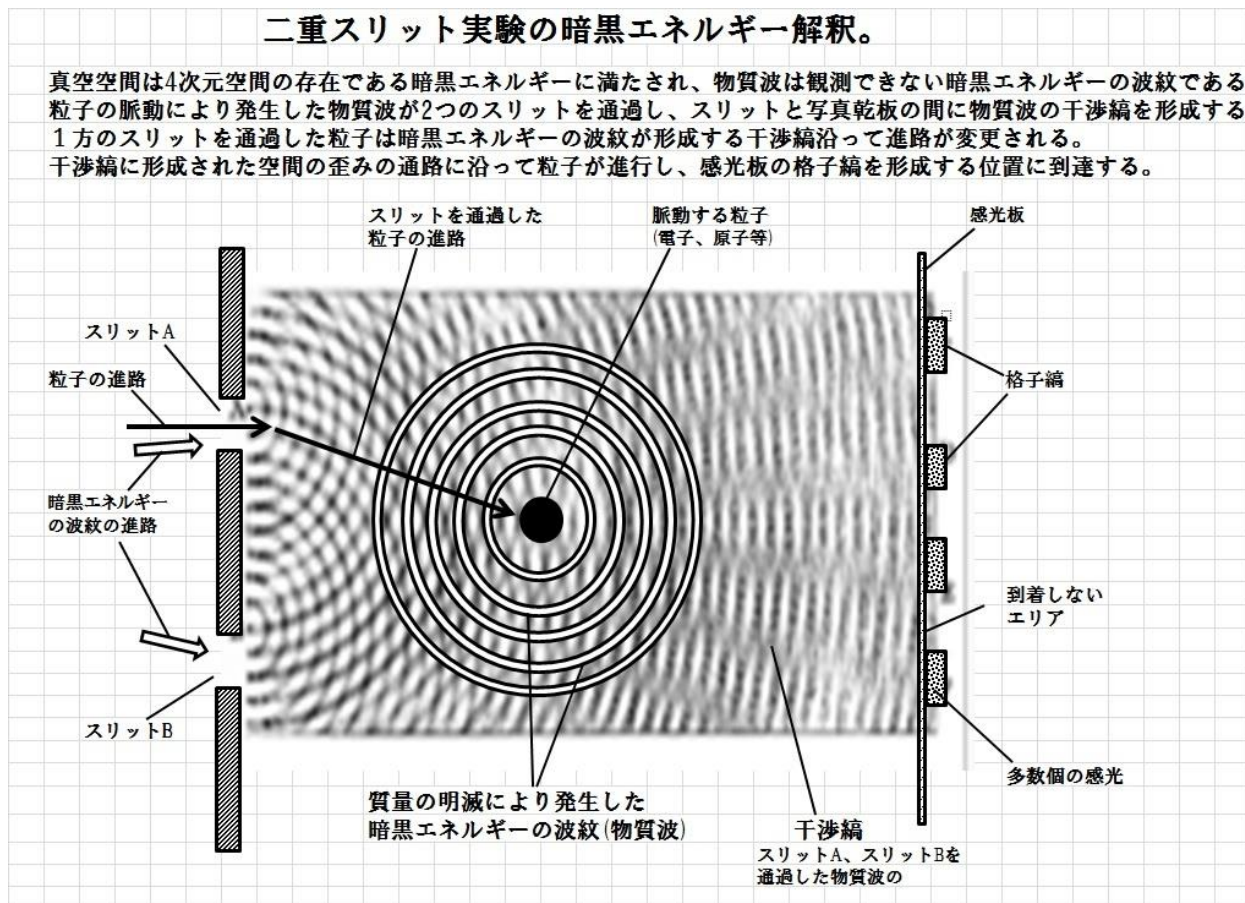
There are people with questions of quantum mechanics • basics.

Quantum mechanics is "seeing" the man"went beyond the science of common sense, namely"observation"meaning. Trying to submit quantum mechanics to reinterpret the world people still have doubts on the foundations of quantum mechanics. Source: 40

Solve the mystery of the double-slit experiment [2]

Solve the mystery of the double-slit experiment physics of dark energy (particle oscillation principle)

For the mystery of the double-slit experiment of quantum mechanics can be said and the probabilistic interpretation interpretation based on elementary pulsation principle understand mystery mechanism with matter waves due to the existence of dark energy and particle pulse ripple and returns to the theory of quantum mechanics.



Dark energy interpretation of the double-slit experiment

According to particle oscillation principle, vacuum space is filled with dark energy in a four dimensional space cannot be observed, up 73% of the universe. Matter waves are non-existent probability waves, not ripples of dark energy exists in. Interact with electromagnetic force by exchanging photons and matter waves appear as zero mass of light in 3D space. Of matter waves \pm ingredient belongs to a four dimensional space, plus ingredients is dark matter meets the outer space, up 23% of the universe. Negative component of matter waves is the distortion of the space and gravity child meets the space, revealing the gravity of dark matter. Double slits to experiment has verified the existence of dark energy and matter waves and gravitational waves.

- 1) by 2015, current, dark energy is physical cosmology, physics, one of the biggest mysteries, including superstring theory advanced by existing physical theories not obtained even for studying the prospects.
- 2) tenuous energy that repel each other, and then evenly spread in the vacuum space is dark energy.

3) set the particle oscillation principle is the energy density of dark energy and horizon and the horizon in the vacuum itself. Particles are repeatedly at high speed (corrugated surface) concentrations of dark energy, and pulsating. Horizon is zero mass, upper negative mass, mass, at the bottom with a specified.

4) elementary pulsation principle discovered the four-dimensional space not visible from our 3-dimensional space.

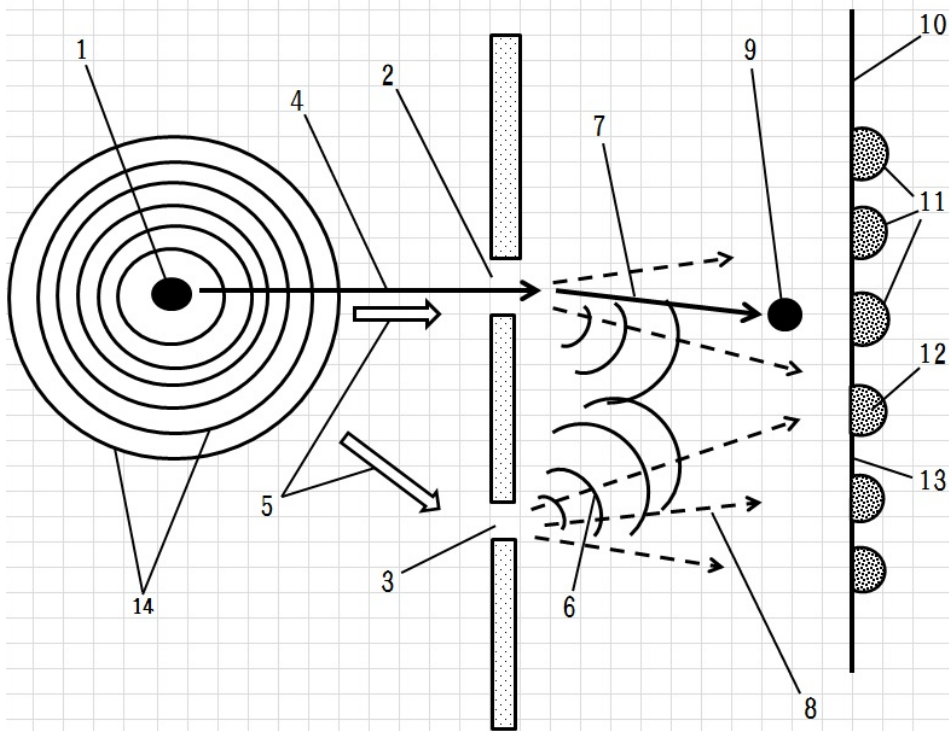
The 4-dimensional space in dark energy and dark matter.

5) double-slit experiment is the origin of the probabilistic interpretation of quantum mechanics, has not yet settled its interpretation.

6) to reach the position due to pulsation of electrons passing through the slits on the other hand, dark energy by particle oscillation ripples (matter waves) through one slit and ripple and interfere with the lattice fringes.

[Double slit experiment interpretation by gravity waves]

**Elementary pulsation principle predict the particle mass flickering.
Due to relativistic mass flickering raises the gravity waves.**



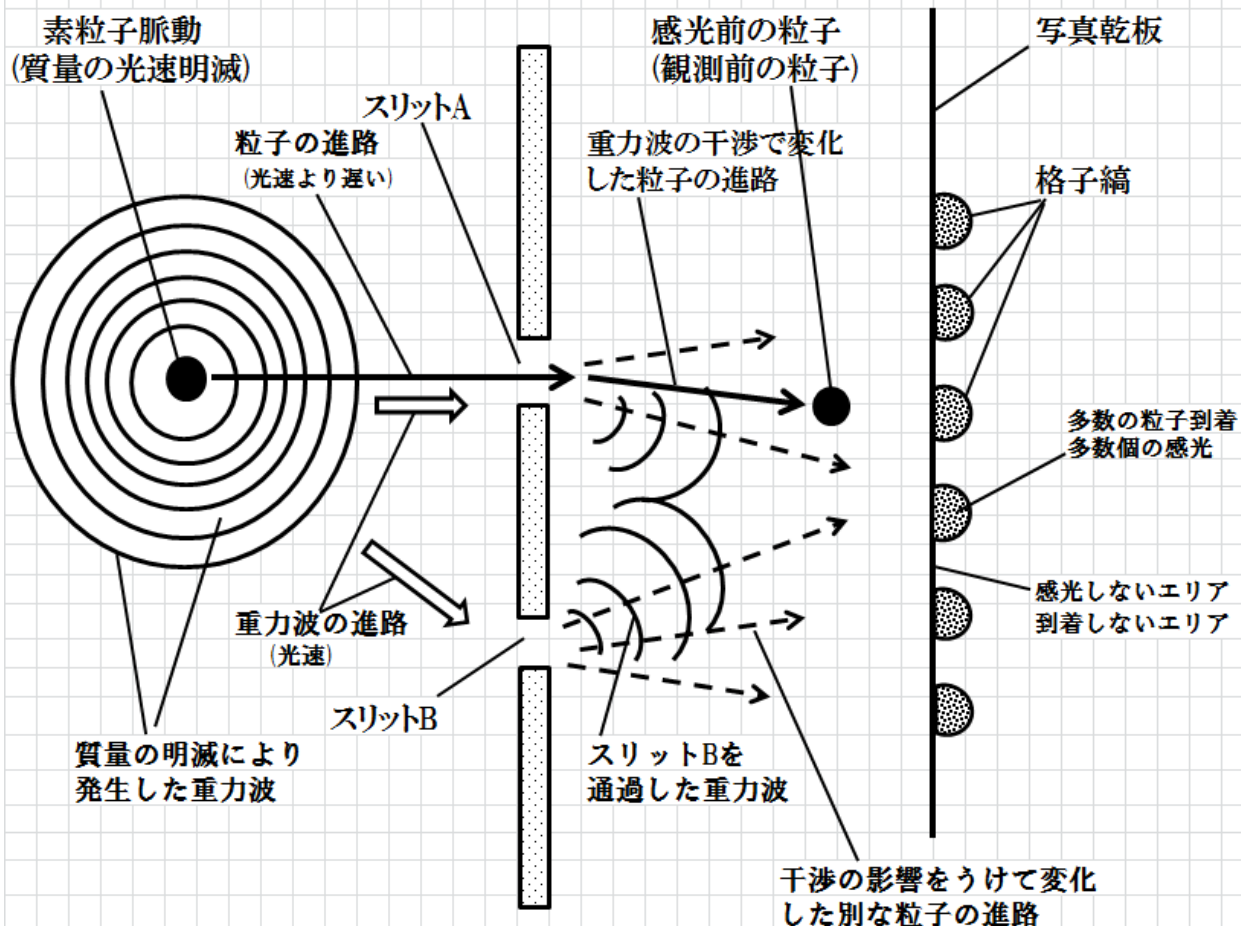
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【二重スリット実験の重力波解釈】

素粒子脈動原理は素粒子質量明滅を予言。相対論により質量明滅は重力波を発生させる。

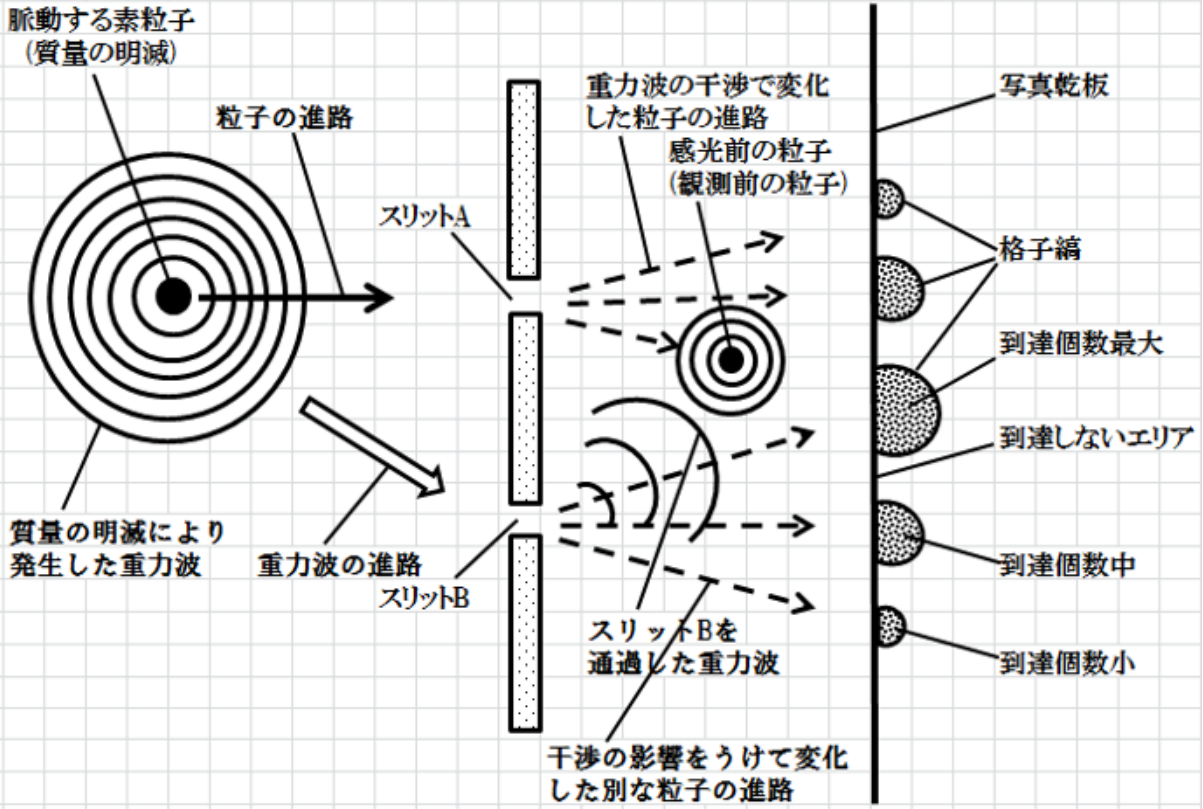
素粒子の進路を変える作用力は核力や電磁気力でないのは明白。残されたのは重力のみ。
いまだ成功していない、宇宙の連星による重力波の検出実験に代わる重力波直接検出実験となる。
波紋が重力波であれば素粒子の質量が明滅している証拠、素粒子脈動原理の検証実験でもある。
確率波解釈や観測による確率波の瞬間的収束等の困難な解釈を導入する必要がない。

電子、中性子、原子等の粒子を1個ずつ投射し、多数回繰り返した結果、格子縞状に分布して感光する。



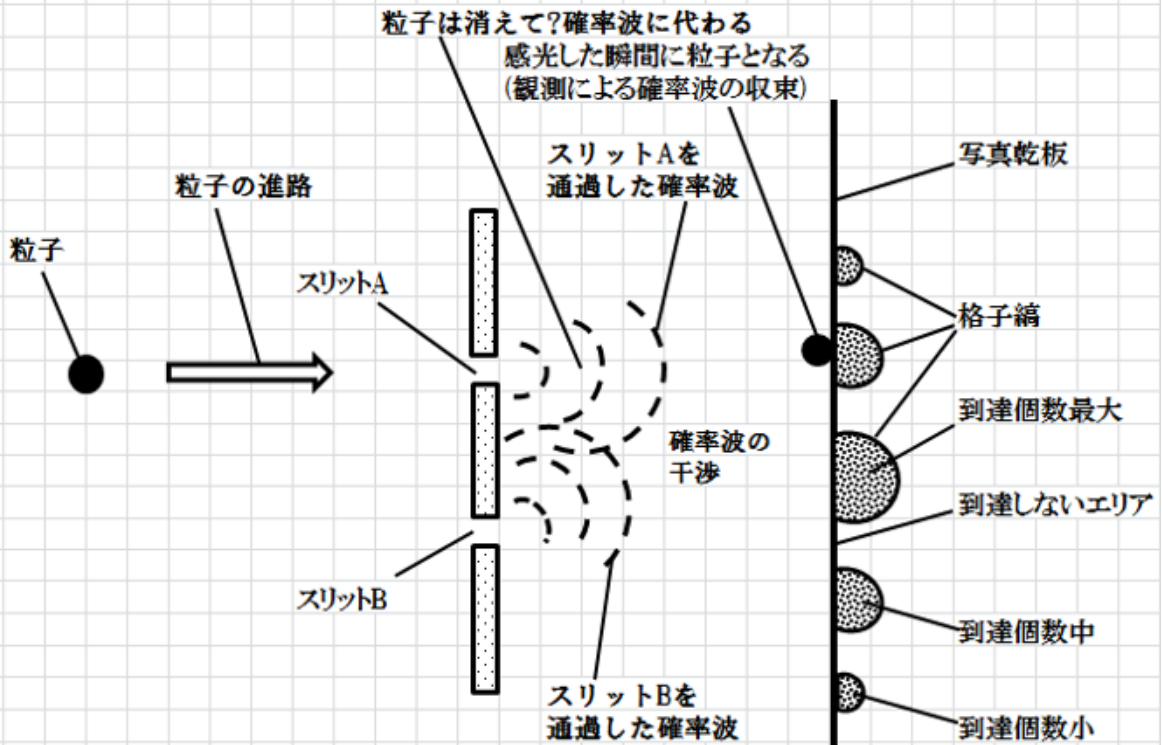
〔素粒子脈動原理による重力波解釈〕

二重スリット実験



〔現在の量子力学による確率波解釈〕

二重スリット実験

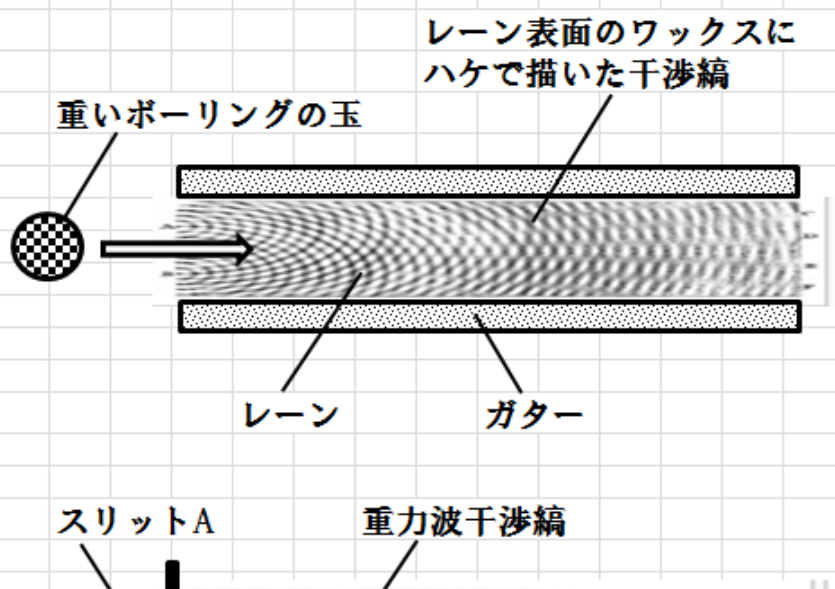


二重スリット実験の重力波解釈における 重力波干渉縞による粒子進路変更の概念図

重力波干渉縞は時空のわずかなさざ波(空間の歪み)だが、はるかに重い粒子の進路を変更させて干渉縞を形成させる。

粒子 進路変更のイメージ図

重いボーリングの玉もレーン表面ワックスのわずかな波形に影響されて進路を変更してガターに落ちる。



double-slit experiment become a gravitational wave detection?

And through the other slit real double-slit experiment concerning the birth of quantum mechanics, according to interpretation based on elementary pulsation principle matter waves, pulsing slit one of electrons and photons to penetrate, after passing both matter waves interfere with Plaid is occurring. Considered that involve gravitational interaction interaction of matter waves Valley and Valley in force in this case the changed course of the electron and photon. If you might be using the double-slit experiment of gravitational wave detection experiments becomes possible. Currently, gravitational wave detection experiments using interference of light and laser are being explored for many years, but still didn't realize is the detection of gravitational waves. Matter wave compared to the wave, according to the study from the pulsating principle, an order of magnitude shorter wavelengths. So, if you take advantage of the matter wave interference double slit experiment system for gravitational

wave detection becomes possible might be. Gravity waves may be detectable by gravitational waves from binary space, Pulsar to sensitize to the photographic plate through a double slit. The plaid by pulsar light, different Plaid by gravity waves may be can be discovered. If you have tried a video taken by ultra-sensitive cameras instead of the photographic plates, new discoveries may lie.

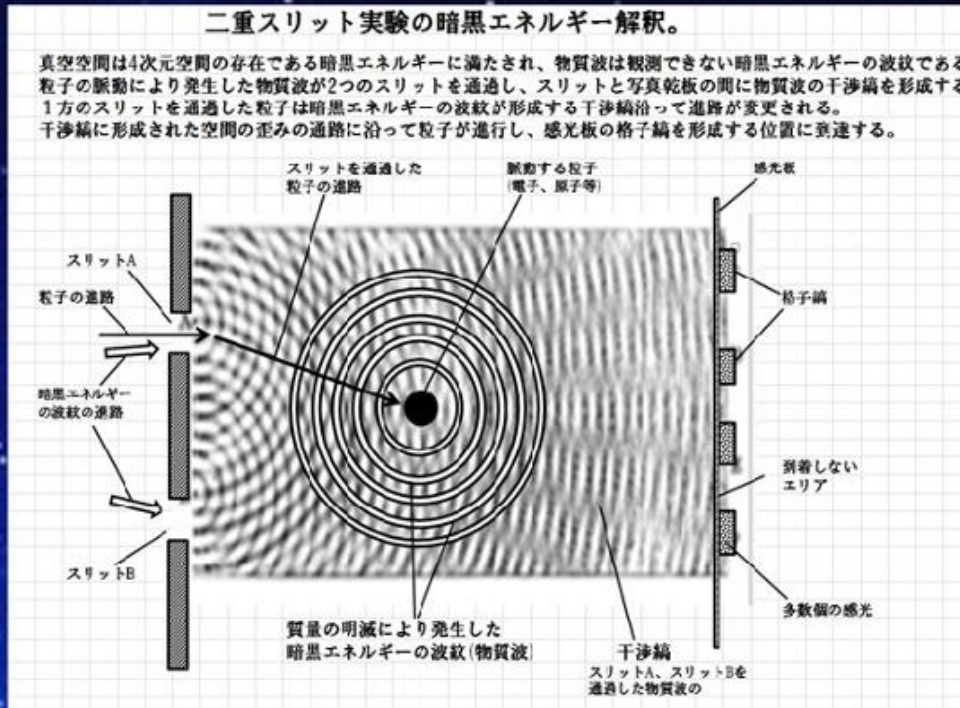
[4] modern version ether experiments.

Could not detect the presence of the ether was tried once, as a detector of ether catch interference of light by the Michelson-Morley experiment. According to the reasoning from the particle oscillation principle, Doppler effect of the modern Edition ether (ocean energy atmosphere, the Higgs boson), particle pulse 1 cycle every an has been cancelled. By using a double slit apparatus used in the detection of matter waves, is thought to be affecting the pulsating 1 cycle of matter waves, there, enables detection of ether a contemporary version may be.

And through the other slit real double-slit experiment concerning the birth of quantum mechanics, according to interpretation based on elementary pulsation principle matter waves, pulsing slit one of electrons and photons to penetrate, after passing both matter waves interfere with Plaid is occurring. Interaction of matter waves Valley and Valley in force will **change** the course of electron and photon to gravitational interaction is involved.

二重スリット実験の謎を解く

私の仮説、素粒子脈動原理が2重スリット実験の謎を解く



- 1) 二重スリット実験は量子力学の原点であり、確率解釈の発端となった。
分割できない粒子の進路が、スリット一つの実験と二つの実験では異なり、量子力学の解釈は粒子存在の確率波が二つのスリットを通過して写真乾板に格子縞を発生させるとしている。
- 2) 素粒子脈動原理による「二重スリット実験の暗黒エネルギー解釈」によれば、真空空間には見えない暗黒エネルギーが均一に分布して存在し、素粒子脈動による波紋(物質波)が二つのスリットを通過し、一方のスリットを通過した粒子の脈動による物質波との干渉によって粒子の進路が影響され、写真乾板に格子縞を形成させる位置に到達する。
- 3) 宇宙の真空空間に見えない暗黒エネルギーの存在が検証されて謎となっているが、二重スリット実験にて、真空空間に見えない暗黒エネルギーが存在し、その波紋が二つのスリットを通過して格子縞発生の原因となっているならば、そこに確率波を導入する必要はなく、量子力学の確率解釈を変更して実在の物理に戻すことができる。
- 4) 暗黒エネルギーの物理(素粒子脈動原理)は二重スリット実験の謎を解明し、量子力学の確率解釈に疑義をとらえたアインシュタイン、シュレーディンガー等が正しかったことを証明する。