

New ether theory

The grand unified theory

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ether`s properties

ether is energy of vaccum and do pair charge production.

it is already been proven that vaccum has energy by "casimir effect".

pair charge act as 「dielectric fluid」(have electric permittivity of vaccum ,that in proportion to magnetic permiability)

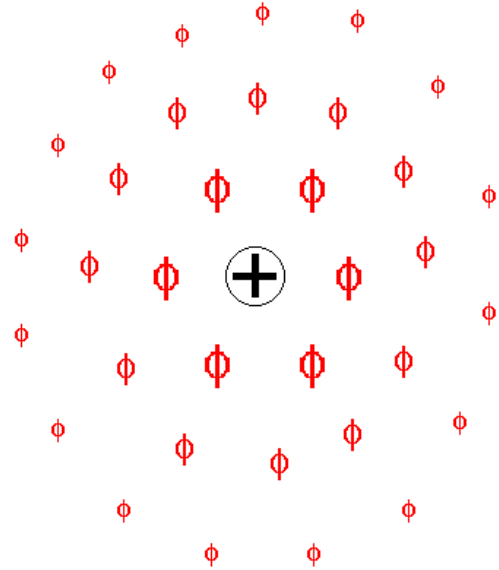
ether(dielectric)`s make opposite charge distribute increase in proportion to electric potential to prevent electric field. ether(vaccum energy) filled space uniformly

ether(dielectric) polarizability =a(in proportion to ether density)

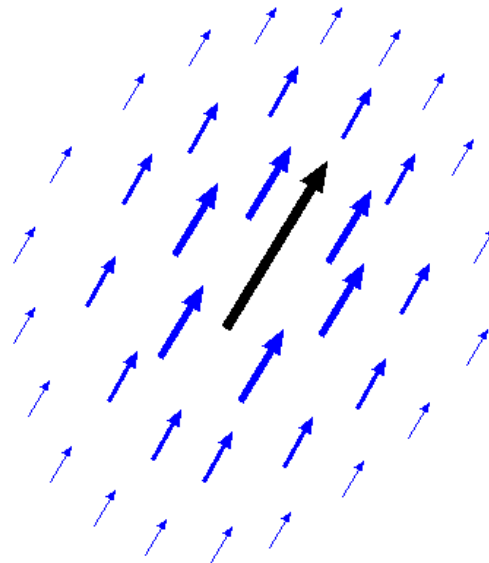
The original of the electric field made by charge= E'

$E=E'(1-a)$ ether`making opposite electric field = $-E`a$

Ether`s making oppsite charge increase in proportion to electric potential
to make opposite electric field as dielectric



電荷の回りのスカラーポテンシャル

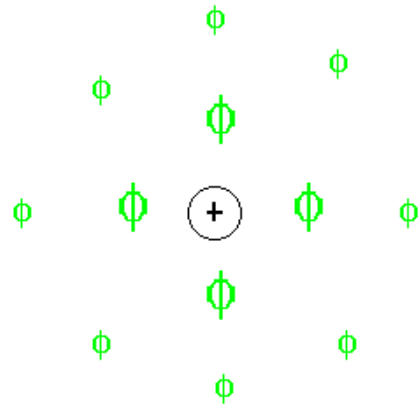


電流の回りのベクトルポテンシャル

Integration of electric force and magnetic force

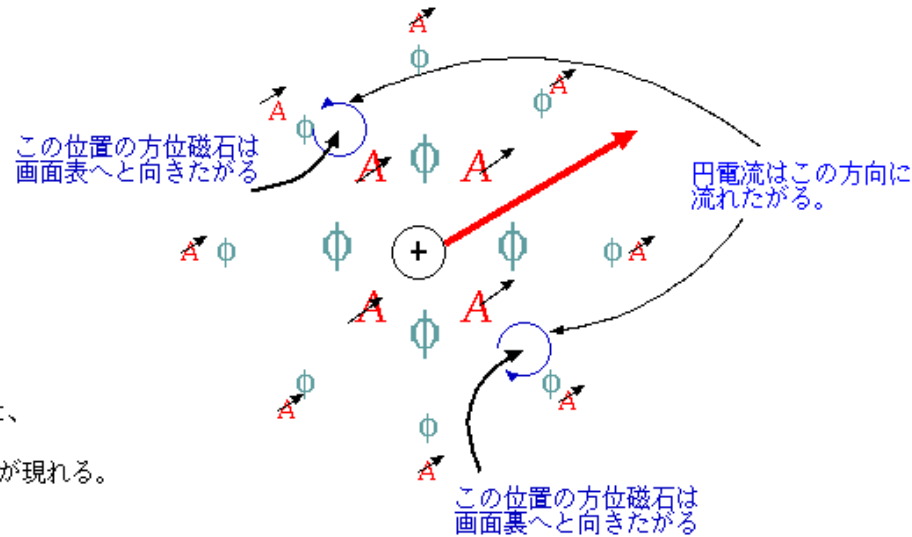
When, charge moves. Scalar potential moving makes vector potential, and makes fluid mechanics phenomenon.

静止している電荷とその回りのスカラーポテンシャル



ϕ が動くと、
 ϕ と A が現れる。

運動している電荷とその回りのスカラー&ベクトルポテンシャル



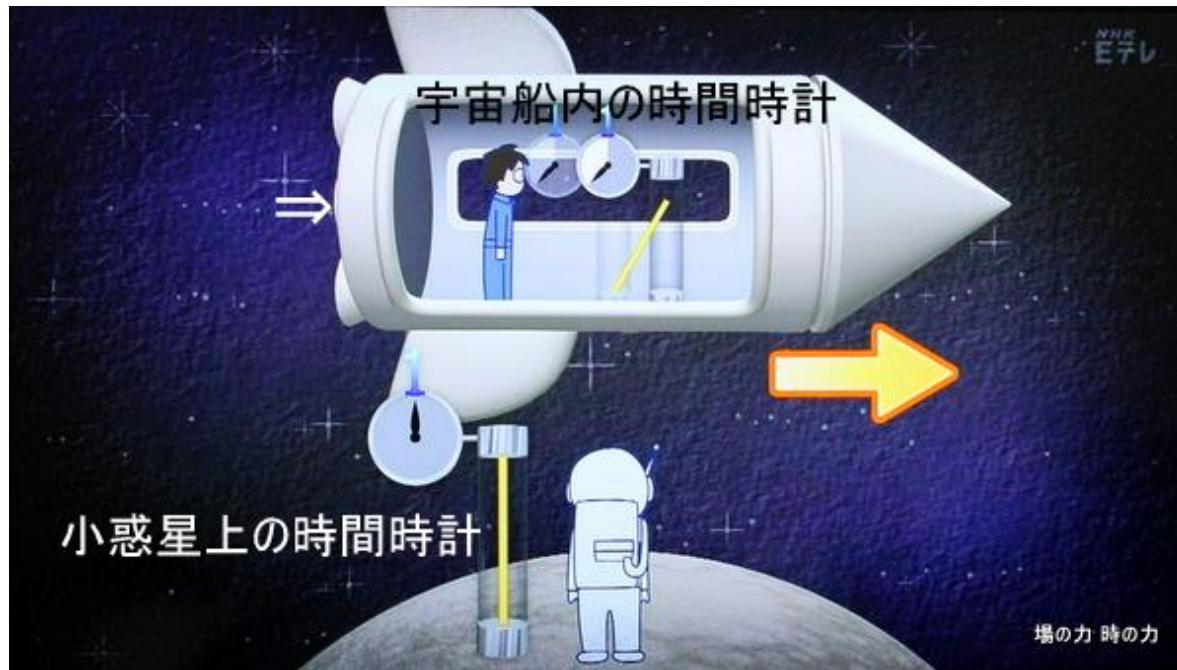
Special relative theory by ether

speed of light constant on ether.

ether is dragged by earth.

matter wave speed inproportion to light speed because
matter wave is electromagnetic wave.

time delay can be explained by light clock that light round trip Perpendicular
to the direction of movement.



Quantum mechanics by electromagnetism

matter=mass`s electric field energy (almost inproportion to total charge volume)

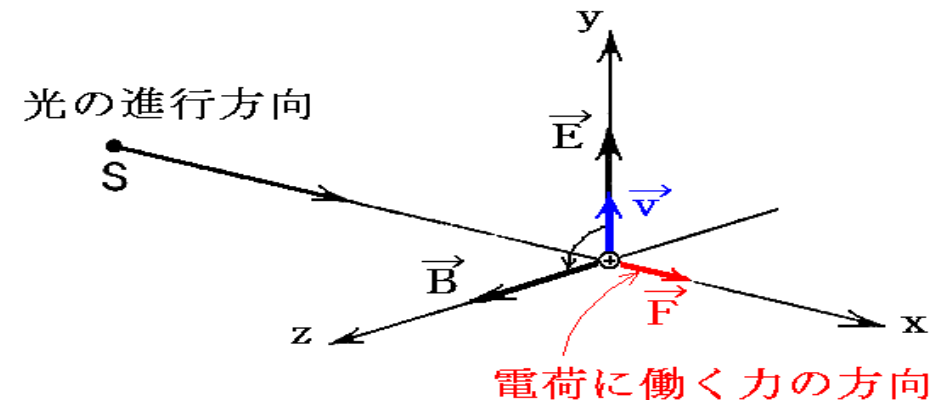
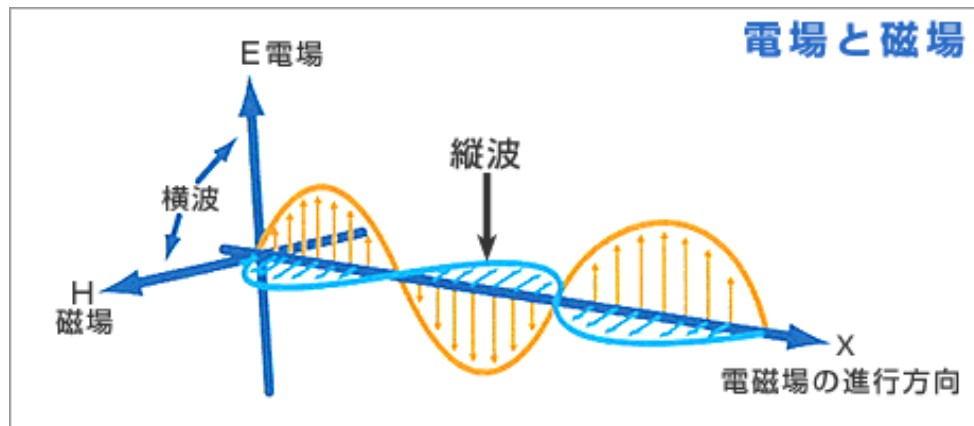
so, matter accompany electromagnetic when matter move.

matter wave`s electric field energy ($1/2\epsilon E^2$) in proportion to matter=mass`s electric field energy.

matter wave have De Broglie wavelength and move by mass speed.

Matter wave vibration in proportion to momentum because

Vibration speed in proportion to power to move forward



Newton`s law by electromagnetism

matter=mass`s total electric field energy , so charge move as electromagnetism

(it`s electric field energy made by matter`s electric field energy)

it is mechanism of inertial work.so matter wave go light line.

inertial matter worked by matter = total electric field energy

it is same to Generation of electromagnetic wave by Acceleration of electrons

it is already confirmed by Dynamical Casimir effect.

$$E=mc^2$$

$$E=ft$$

Constantly $x/t=c$

$$ft=fx/c=E/c$$

Mass's Electric field energy change , make electromagnetic wave.

When Electromagnetic wave's electric field energy

Is same to mass, have momentum= mc .

$$E/c=mc$$

$$E=mc^2$$

General relative theory by ether

In gravity field ,ether (dielectric) is gathered by electric force.

$$\text{ether density} = 1(\text{space average}) + GM / (rc^2)$$

Ether density difference occurs electric force difference .

It is gravity force.

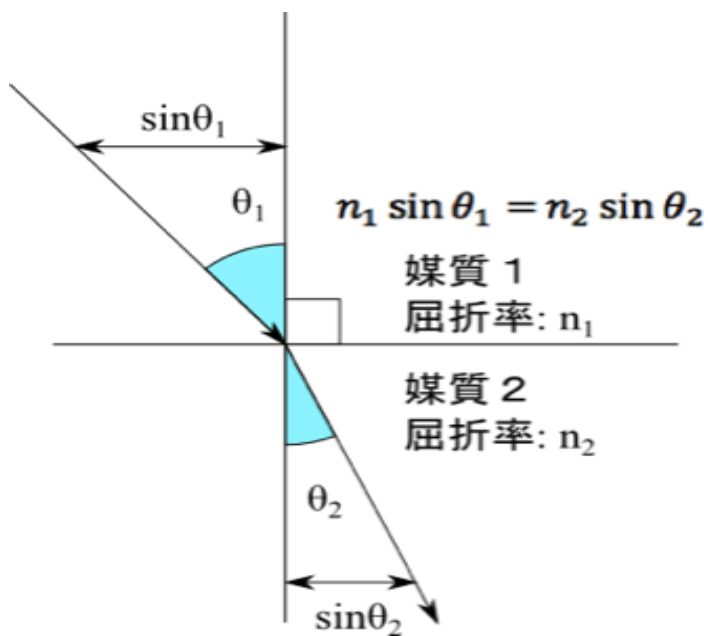
Permittivity of vacuum and permeability of vacuum change in proportion to Ether density.

so, ether refractive rate(ether density)

can be calculated by $c=1/\sqrt{\epsilon \cdot \mu}$

For your information, Original Spatial density (not ether) can regard constant

In certain gravity situation, ether refractive index(density) is increasing by same amount g/c^2 (c =space average light speed , g is acceleration of gravity) . light move by snell`s law , so light falls by gravity acceleration



Gravity wave

Electric field change with light speed by Maxwell
so, gravity field changed by electric force,
and ether move at less than light speed infected by electric force
change.

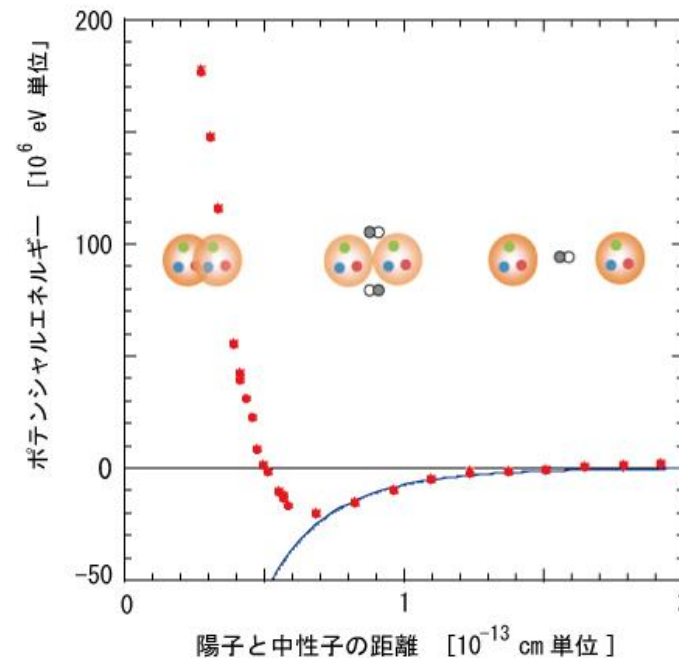
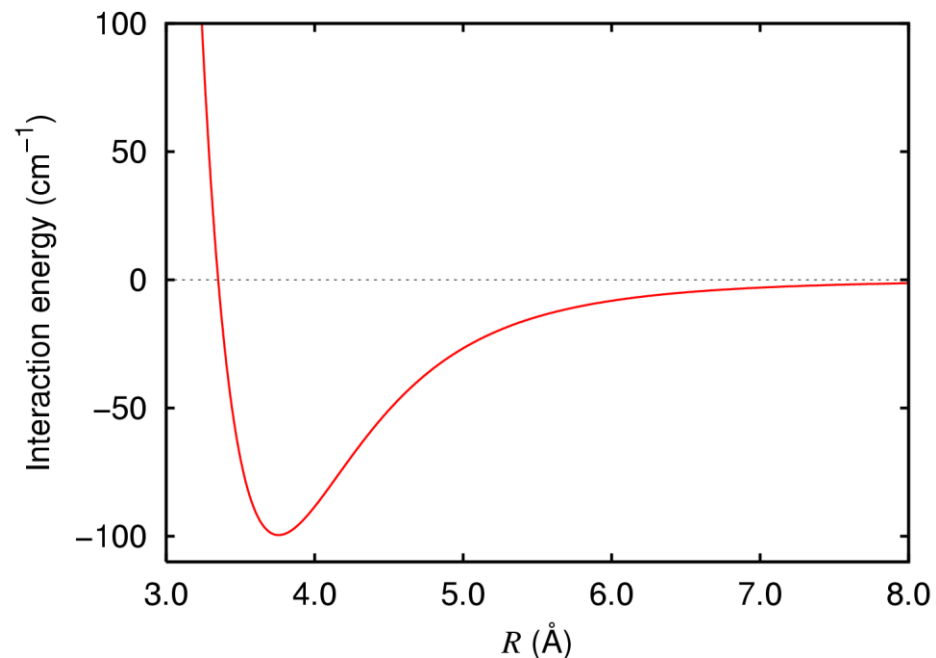
So gravity wave speed is light speed

“strong force” by electromagnetism

It is same to van der Waals force($1/r^3 \times 1/r^3=1/r^6$, potential $1/r^5$)

Left graph is Intermolecular force potential , right graph is neutron and proton Interaction force(“strong force) potential,

It is almost same.



Why total quark`s mass entirely different to neutron or proton?

Mass=total charge accompany matter wave(electromagnetic wave),
And electromagnetic falls with gravitational acceleration (g).

mass want to fall g , so mass rotation fastly to increase inertial mass (special relative theory effect) to stabilization.

Why saturn`s ring is made?

This answer is ether rotated by saturn rotation.

Matter wave (have inertial force)

is electromagnetic wave made by matter charge,

So , matter go along light line and satellites curved by ether rotation and make ring.

Hubble`s law by ether

- ▪ Hubble's law by ether
- ether`s exist make it possible to explain to hubble`s law naturally.
- vaccum has characteristic impedance,it is resistans.
- that is to say space is not expanding.

Conclution

- Ether(dielectric fluid), electromagnetic wave medium is exist
- gravity lens is occured by ether density (refractive) rate of change
- gravity force is electric force by ether density difference

In gravity field

- saturn`s ring is made by ether rotation affected by saturn`s rotation.
- typhoon is made by ether rotation affected by earth`s nucleus rotation
- gravity wave speed is light speed
- "strong force" is Van der Waals forces
- CP Symmetry can`t collapse because ether is uniformity majorana and untimatter universe is exist.

And big bang is untiblackhole and blackhole collaption.