Best Ranking in Front-line Physics (by authors selection)**.**   2017/5/6,7,10

Aim at here is revealing **truth not published** in established science society international.

❶❷❸ are to demand you ideological change toward theism.The others are to reveal defects in science society.❿. ⑪ is crucial problem of do or die at now world, warning both for climate science society and global people. ⑫is protest against HAARP engineers

❶**Proof on God<physical vacuum world is almighty one !!!>**(by author)**.**

http://www.777true.net/Proof-on-God.pdf

The other world can be proved **almighty**.While the other world and the world could communicate(**revelation**) with each other by **astral projection**(go and back **soul transition** to the other world,a hypothesis at now) or **charge density wave** by **neuron charge action** .

Prophecy(revelation in the sacred books)by person paranormal ability is genuine.

At first,disclosing exact quantum physics is to reveal religious world,but not atheism !!.

This is entirely upside down against the established and stubborn fake science in the past.

Recognition on real quantum world may change your ideology in the imminent now world.

⑴So called reaction of **quantum vacuum polarization(VP)** creating and annihilating particle and anti-particle from and into nothing(vacuum) is logically contradictory. Creating something from nothing is evidently against **causality law** in our common sense.Then once contradiction had been realized,anything is to become possible=almighty(Logic Theorem).

⑵**Creation of Universe from Nothing** is due to **Nothing Law<→❷**(1)**>**.

⑶**Logical Transition** from nothing world(contradiction)to matter world(non contradiction).

Matter world never allow <mark>double being of **A** and **not A**</mark>,that is,<mark>a cause realize a result !.</mark>

This **causality** in general is to generate physical law described math ruling.

☞：Mankind history could be told struggle process of **theism versus atheism**.The former race is Jew and the latter is white European nobility and ultra wealthy.NAZIS the anti-Jew Device was created by US wealthiest and the technology and person were secretly imported USA after the war to create CIA-military industry Complex.Now they are called also globalist.Their boss is the Emperor D.Rockefeller.God is justice,truth and agape,while Satan is injustice,lie,and hatred. Thus,you could see who has been ruling the upside down now world ?!!

＊Their fundamental motive could be fully comprehensible by following hatred axioms of them.

Nation and people are those who should be exploited by eugenic nobility hereditary.

Perpetual war toward global hegemony by setting up enemy......Hoegel philosophy

HEGEL AND TOTALITARIANISM THE CULT OF STATE POWER

http://www.worldfuturefund.org/wffmaster/Reading/Quotes/hegelnew.htm

❷The Supreme Origin of Creation Universe by the Almighty.

⑴*Logical Cosmology*(by author)*.*

From ancient era,mankind has been thinking of the supreme mystery of creating universe.

If there was something *not nothing*,those can not be called beginning of this universe.

If there was *nothing*,those can not become something *not nothing*.

Nothing **has been being** *Nothing* **Forever !!!.**

This may be decisive Logic of us all at now !!!,but it is this that is decisively wrong !!!.

The answer is as follows due to logic on **Observabability.**

If there were nothing at all,also physical law can not be<→⒜> !,
Thereby,anything is possible such as creation from nothing(by **the Almighty !!**).

However once matter had been created,physical law was to begin the ruling<❶⑶>.

⒜**Observabability and Quantum Logic**<Birkov-Neumann>.

Birkov,G.& Neumann,J,V:Ann.Math,2nd Ser,37,823(1936)

The Summary:

Modern Precision Theoretical Physics never allow abstract something non observable.
But those decisively demand concrete observability.*Quantum Logic* was initiated from
definition of most precise measurement and lead to Hilbert Function Space Theory.
Then physical variable is hermtian linear operator and those operand are vector of the
space.This entirely accord with Quantum Mechanics initiated by experimental findings.

⒝**Thereby it is decisively impossible to declare something law on nothing**.

⑵*Physical Cosmology*(not by author)*..*

Modern physicists had substantially succeeded to establish so called **Big-Bang Theory** as
Physical Mechanism,which had been approved both Theory & Observation

https://en.wikipedia.org/wiki/Big_Bang

Theory	Observation
1922,1927 **expanding universes** 'solution by A.Friedman and by G.Lemaître with Einstein Gravity Field Equation(1916)	1929 red shift increases with distance due to **expanding universe** by E.Hubble
1946 Big Bang theory by G.Gamow*⁾, physics teacher in author of teen age.	1964 **Big Bang** reverve wave as cosmic microwave background by Penzias&Wilson

Summary to tell ,the initial dot point of this universe was supreme high energy density with
supreme high temperature,and those were to be expanding universe as today's one.

http://www.777true.net/Energy-Creation-Process-from-QED-to-QGD.pdf

An evident validity of creation from nothing is total universe energy at now$=+\mathrm{E}-\mathrm{E}=0$.

❸There are **Parallel Running Worlds** in (11;1)dimensional one due to **QGD**.

According to QGD,original space at creation universe was (11(space)+1(time))dimension.

As expanding universe with temperature down went on,the dimension was to degenerate to

(3+1)at now.Thereby,12－4＝8 dimension was to be left empty,in where another universe

could be as parallel running universe.

http://www.777true.net/img008-Quick-Guide-to-Quantum-Gravitational-Dynamics.pdf

http://www.777true.net/Energy-Creation-Process-from-QED-to-QGD.pdf

http://www.777true.net/The-Fatality-of-Predestination-Theology.pdf

　"*God never throw dice by A.Einstein*" is genuine.

　　In ❶,we proved almighty of vacuum world which belong to Parallel Running Universe.

　　In the total universe,there are everything possible<⟨1⟩> !!!.

☞:Our universe is (1+3)dimension,while 8 space dimension is empty.

"2 dimension paralell running universe"

arrows means empty space axis
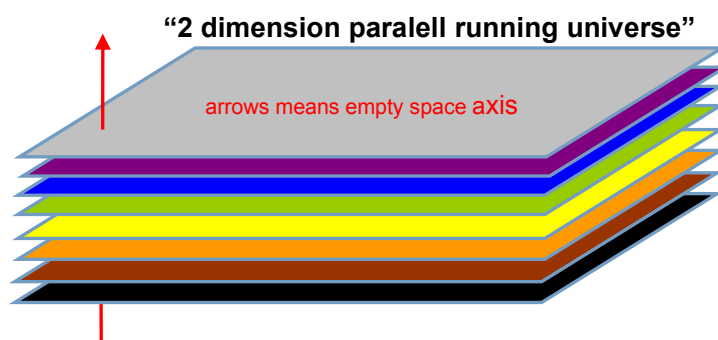
❹**Energy Creation** is genuine **by** $0＝＋E$(available positive energy)$－E$(gravity) .

Activating negative energy by making attraction force is decisive in the engineering.

Scalar wave is radiated from Capacitor Antenna,which propagates **electrical polarization**

wave with negative energy density field and positive energy of charge density field.

At last,positive energy is available,while negative energy become gravity one.Because

electromagnetic force is a member of family the original quantum gravity force.

http://www.777true.net/Energy-Creation-Process-from-QED-to-QGD.pdf

http://www.777true.net/BWG.pdf

This is the validity of so called free energy technology. The total energy of universe is

accurately 0 ,which is provable exactly in QGD.

$0＝＋E$(available positive energy)$－E$(gravity field one).

Note attraction force(gravity one)is **negative energy**.

*N.Tesla's scalar wave generating Electricity is utilizing this principle.

❺Gõdel's Theorem had decisively confirmed Science(not by author).

⑴*Truth is Probable!!*<Gõdel's Completeness Theorem>.

Proof is done by exact **inference** which must be **tautology**(self evident).

Proposition **A** is statement with definitely true or false.For example,conjuctional proposition

"A or not A"(A$\lor \neg$ A) is always true with no concern on meaning of A(tautology).

See **APPENDIX_1**.

http://www.777true.net/Proof-on-God.pdf.

∗Genuine Completeness Theorem is not for propositional logic,but as for **predicative logic**.

predicative logic is *concrete statement* on propositional logic as

A＝Pa≡"*a is P"*, where *a* is subject and *P* is predicative,this is our dairy languages.

$\forall xPx$≡"all of x *is P"*, where x is subject set(x={$a_1.a_2,...$})and *P* is predicative,

$\exists xPx$≡"there exist x *is P"*, where x is subject set(x={$a_1.a_2,...$})and *P* is predicative,

---
$\forall xPx$＝{$(Pa_1)\land(Pa_2)\land(Pa_3)\land........$}, $\land$≡**and**

$\exists xPx$＝{$(Pa_1)\lor(Pa_2)\lor(Pa_3)\lor........$}, $\lor$≡**or**

If each Pa_k($k=1, 2, 3, ...$}is definitely true or false<incompleteness theorem deny this !!>,

thus **predicative logic can be transformed to simple propositional logic !!**.

⑵There is singularity causing information loss in Natural Number theory.

〈Gõdel's Incompleteness Theorem Belongs to Statistical(probability) Theory〉

The simple proof of IT："There must be incomplete proposition of which true

or false never be determined in non cotradictional Theory with Natural Number Theory".

Proof::you never can determine the largest natural number in Natural Number Theory.

☞:Note real number $0*=\lim N\to\infty \ 1/N=1/\infty$ is also indefinite, because $\infty=1/0$.

In fact,**real number zero** is contradictory as being nothing and being not nothing.

$0\equiv$limit N $\to\infty \ 1/N=\varepsilon$,then $0<\varepsilon$ can be less than any finite positive real number by

taking N$>1/\varepsilon$,so it can not help to be nothing,but **zero**. Although, then can you tell "N"

definitely ??.None can tell such "N"$=1/\varepsilon=1/0$ definitely !!.

Can you tell something indefinite completely nothing ?!!!.

Real number zero is singular point in mathematics and physics.

http://www.777true.net/Logic-the-most-simple_but-supreme-way-for-recognition.pdf

---
This is very important,because there are only two category in this world.

Causality Law(probability=1) and non-Causality Law(0$\leqq$probability$<$1).

The former is complete,while the latter is incomplete with information loss leading to probability theory.

*probability=0 is ordinary non occurrence,however invisible vacuum physics is also zero.

⑶**The Essential Origin of Probability in Quantum Physics**(by author)**.**

A dot electron position at x is probability $|\Psi(x)|^2$ in Quantum Mechanics. $|\Psi(x)|^2$

is called **electron cloud** by wave function $\Psi(x)$ in Quantum Chemistry.Classical Mechanics

is complete causalitic,while Quantum one is probabilistic.Why the latter is with probability ?.

<mark>Probability and INFORMATION LOSS is a co-body</mark>. That is,there must be something

indefinite in Probability Theory in General.This is due to <❺(2)>.

∗**Reaction Probability from** state＝|i> **to** state＝|f> **in Quantum Field Theory.**

$R_{fi}=\langle f|(1/i\hbar)\int dt\iiint dx^3 H(x)|i\rangle$.... this is probability amplitude. $|R_{fi}|^2=P_{fi}$.

$H(x)=e\hbar\overline{\phi}(x)\gamma^\mu A_\mu(x)\phi(x)$. .. electron＝$\phi$ and photon＝A reaction Hamiltonian.

Then note the Hamiltonian is **product of field operators** such as $\phi(x)$ and $A_\mu(x)$.

This can not be mathematically **regular,**because ϕ and A are **hyperfuction**. The operators

must satisfy **commutation relation** with yielding **delta function=** $\delta(x)$ **the hyperfunction**.

Therefore, ϕ and A are **hyper-function**. Then their product with common time and space

variables=x can not be regular(not defined in hyperfunction theory).Thereby,$H(x)$ can not be

regular,but something information loss(the origin of probability).

A something dot being can not be *definite* as was discussed in <❺(2)>.

This is nothing,but the supreme and final conclusion in matter science.

The Indefiniteness is decisive to avert evoking Irrationality in making approved interpretation.

⒜：Note elementary particle's size in **Standard Theory** the complete is zero.

　　Only the standard theory can agree with many many experimental results.

　　This fact justly agree with contradictioness of real number zero<❺(2)>,

　　That is,real number is nothing and non nothing simultaneously.

⒝：Any real number in finite physics can not be with zero error. Thereby,we can not array

　　　real numbers from zero to positive finite value.Very regret to tell,outstanding

　　　mathematician G.Cantor's infinity theory($\aleph_0<\aleph$) is not correct.

❻Correcting "*Time*" in Quantum Physics<The Summary>:

http://www.777true.net/Quantum-Stochastic-Mechanics_QSM_the-Hidden.pdf

①**Time and Energy Uncertainty Principle** by modified Winer-Kinchin Theorem.

$\Delta t(t) \Delta E(t) = \hbar$. 〈$\Delta t$ reaction time by energy statistical deviation ΔE〉

②Hermitian(self adjoint)operator as **Observable Physical Variable** in Quantum Mechanics

Time independency of Hermitian Hamiltonian $\equiv H_0$. → {$\Delta t = \infty$、 $\Delta E = 0$}.

Time independency of maximum observable of H_0. → {$\Delta Q_r(t) = \infty$、 $\Delta P_r = 0$}.

$i\hbar d P_r/dt = [P_r, H_0] = 0$. 〈r=1, 2, . . , M〉. . . this is also called good quantum number.

<u>Unique</u> Eigen State Realization of (H_0. {P_r})in Sample Process. → **Markovian**.

But not those superposition state<*Paradox of Schröodinger's Cat*>.

③Time Depedent Hamiltonian $\equiv H_S(t)$ must be non herimte singular→{$\Delta E = \infty$、 $\Delta t = 0$}.

(1)vertical quantum state transtion by random alternating Hamltonian {$H_0, H_S(t)$}→ **Markovian**.

(2)time rate of random generation $H_S(t) = 1/\Delta t(t) = \Delta E(t)/\hbar$.

(3)**1st order quantum transition amplitude** : $R_{fi} = \langle f| \int_0^{\Delta t} dt H_S |/i\hbar| i\rangle$

transition probability : → $T_{fi} = R_{fi} * R_{fi}$. 〈$1 =_f \Sigma_f T_{fi}$. . . **normalization**〉.

☞:As is above,this theory does not need multi order quantum amplitude derived by so called

perturbation method sometimes with so called **divergence difficulty**.

This theory is completely free from indefiniteness on quantum state transition calculation

in the principle.However the actual calculation on multi-body system is not easy.

(4)**transition probability rate** from **state** $|i\rangle$ to $|f\rangle$.

$\Gamma_{fi}(t) = [\Delta E(t)/\hbar] T_{fi}$.

④**Establishing Master Equation for Quantum Stochastic Process.**

Or **Schrödinger Equation with stochastic Hamiltonian**{$H_0, H_S(t)$ by $\Delta E(t)/\hbar$}.

$d\omega_j(t)/dt = \Sigma_k \Gamma_{jk}(t) \omega_k(t) - \Sigma_k \Gamma_{kj}(t) \omega_j(t)$.

density change rate ＝(inflow sum—outflow sum)/unit time..........This is account principle

⑤Solutions for closed system and non closed one.

$\omega(t) = \Sigma_{n=0}^{\infty} \mu_n(t) T^n \omega(t_0)$. . . . . **Markov Chain Expansion**.

After all,equation ④ was found to be **relaxation process solution in general closed**

system(2nd law of Thermodynamics).See also as for non closed one.

http://www.777true.net/img007-Quick-Guide-to-Quantum-Stochastic-Mechanics.pdf

❼One electron can simultaneously go through double slit(by author)**.**

http://www.777true.net/Real-Image-of-quantum-Chemical-Reaction.pdf

https://en.wikipedia.org/wiki/Double-slit_experiment

<mark>You never solve the mystery by classical concept of continuous trajectory of electron movement in space and time.</mark>　　Then the negation is discontinuous dynamics !!.

An elementary particle is not a perpetual being of localized ball-like something,but instantaneous being of jumping bubble at a time & space in non localized supreme chaotic (random)**quantum wave field(the vacuum field)**.The bubble is to discontinuously and instantaneously appear and disappear at anywhere and anytime with probability.

VP creation	←＊→
VP annihilation	→＊←

It is similar with boiling stewpan the bubbling.The most essential mechanism is

instantaneous & random space transportation through dipole chain tunneling.

This is justly origin of probabilitical quantum wave $\Psi(t;x)$. Ψ is probabilitical amplitude for non-maximum observable such as x,but can be constant value for maximum observable (conservative variable such as energy,momentum,charge,..).That is, random,while constant.

❽Schrõding's Cat and Instantaneous Vertical Quantum State Transition(by author)**.**
　<<Famous Mistery in Quantum Physics had been solved>>.

http://www.777true.net/Real-Image-of-quantum-Chemical-Reaction.pdf

http://www.777true.net/Quantum-Stochastic-Mechanics_QSM_the-Hidden.pdf

http://www.777true.net/img007-Quick-Guide-to-Quantum-Stochastic-Mechanics.pdf

So called **superposition** of proper states(state dog alive ＋ state dog died) in **sample observation** is not correct<❻②>. There is no quantum states superposition in an actual sample quantum process. Proving this fact needs full description on concepts in Quantum Mechanics. This new discovery could have established **Quantum Stochastic Mechanics** describing general time evolution process of quantum one.**Chemical reaction time** is statistical in Ensemble.

⑴**Active Measurement on time dependent non-maximum observable.**

　A typical example is observation on time dependent electron position＝x.The actual observation need lighting electron by photon or catching onto photo film.The <mark>man made</mark> collision causes instantaneous vertical state transition or wave packet convergence.

⑵**Passive Measurement on time dependent non-maximum observable.**

　γ ray emtting from exited state to lower state is spontaneous vertical transtion. γ ray detecting is passive observation with signal of instantaneous transition. This is evident enough that observation never concern on the state transition.

❾Frank Condon Principle in general Chemical Reaction(not by author)**.**

<mark>**<coming future shape of molecule is previously being in vacuum field !!>**</mark>

As was proved in ❶, physical vacuum field is almighty,where everything could be with form **any of matter and anti-Matter** 0＝+M－M. This **generalized dipole mechanism** can not help,but to deeply concern with chemical reaction in general.

⑴Hellmann-Feynman Electrostatic Theorem.

A molecule is composed from many negative charge electrons and positive charge few nuclei, which are combined with electrostatic force.Nuclei are repulsive with each others,while those and electrons are attractive to form **stable molecule shape** in action of quantum mechanics.

⑵**Elementary Particle Electron's Quantum State change is instantaneous.**While that of **heavy mass** compound **nuclei** moves slowly in classical dynamics way. A mystery is to be revealed by this gap.

⑶Why precedented electron cloud can be still,till when nuclei reached final stable position ?

Hypothesis of electro-polarization

instantaneous

slow

dipoles
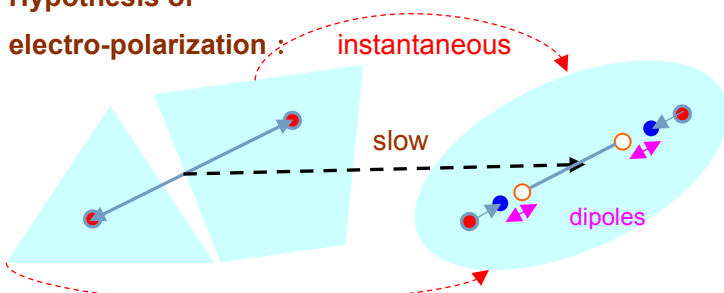
The final form is an ellptic with two white proxy nuclei. Then why precedented electron cloud can be still,till when nuclei reach final stable configuration ??!!.

<mark>White nuclei have been created from vacuum to stabilize cloud.</mark>

unstable cloud before reaction   stable cloud after reaction.

That is,there is coming future stable shape in vacuum due to polarization,then between old and new nuclei,there would appear anti-nuclei,which cause attractive force for old nuclei toward new nuclei. At last,they are to disappear when old nuclei reach new one.Note this fact is applicable also to bio-chemistry.Our growing,or evolution have precedently been in vacuum world !!.

⑶**Kirlian photography.**

https://en.wikipedia.org/wiki/Kirlian_photography

Torn leaf experiment.

In some experiments, if a section of a leaf was torn away after the first photograph, a faint image of the missing section sometimes remains when a second photograph was taken.

https://www.google.co.jp/search?q=Kirlian+photography.Torn+leaf+experiment&tbm=isch&tbo=u&source=univ&sa=X&ved=0ahUKEwjPmLG0s9jTAhVCgLwKHVs3DdUQsAQILw&biw=1094&bih=487

⑷**"Water has chemical "memory" that keeps information about the organisms that were once in it as single organic molecules.**

Note hot vacuum field is supreme full fill of dipoles $\{M^+ - M^-\}$.On the other hand, H2O is dipole,which form **interwinning clusters** which is a kind of flexible solid.

A solid can keep form(memory).

Most intriguing mystery of water solved,03.12.2012

http://www.pravdareport.com/science/mysteries/03-12-2012/123001-mystery_of_water-0/

Actual water is not particles of H2O,but are many dipoles of chain.　H2O is ±charges of dipole,which form chain called **cluster** and moreover,those clusters are **interwinning** with each others..After all,water field may be **cold dipole field** similar as **hot vacuum**(note author is not expert on water problem,this is his guessing).Then cold dipole field may be rather local solid which could keep molecule shape information due to ion bonding shape..

☞;As is wellknown,life(bio molecular)are always with water which allow income and outflow not to be closed system of death ,while it could also keep molecule form. Life is balance of flow flexibility and conservatism of solid molecular form<brown parts are author's opinion>.

http://www.777true.net/Surveying-on-the-Orgin-of-Life_JapaneseV.pdf

⑩**Global Climate Temperature Simulation in CO2 Sink Process**.

This is not quantum physics,but global climate thermodynamics the imminent !!!

This is deadly calculation on Do or Die in **Climate Fixing** by long years CO2 sink.

http://www.777true.net/Definition-on-Radiative-Forcing.pdf

http://www.777true.net/Accounting-principle-verify-reconstruction-the-Past-Climate-Records.pdf

http://www.777true.net/Rapid-CO2-Absorption-with-Mineralisation-of-CO2-by-OLIVINE.pdf

Effective Radiative Forcing$\equiv \Delta F_e(t)$ **: the heat imbalance in earth heat budget.**

$$C_G(d T(t)/dt)=(1-a(t)) I_0(t)-@(t) \sigma T(t)^4 \equiv \Delta F_e(t).$$

earth heat capacity$< C_G > \times$global temperature change/y$<d T(t)/dt>$

＝insolation input$<(1-a(t)) I_0(t)>$－Cooling Radiation output$<@(t) \sigma T(t)^4> \equiv$**Debt Heat**/y

＊a(t)≡averaged albedo of earth surface.→ assuming constant.

＊@(t)≡averaged passing probability magnitude of Cooling Radiation of T(t).

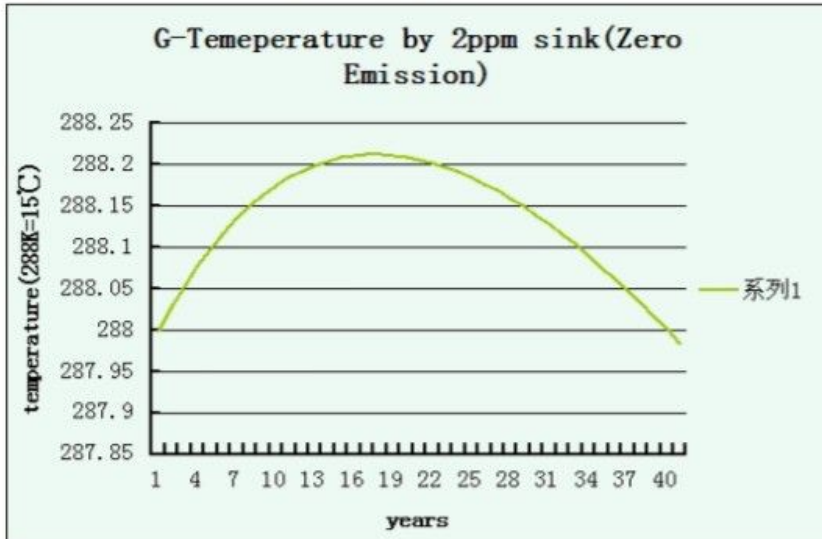⑩$d T(t)/dt = C_G^{-1} \Delta F_G(t)[T(t)/T(0)]^4 - C_G^{-1}@(0) \sigma <T(t)^4 - T(0)^4>$.

　　$\Delta F_G(t)=$12.95*ln(C(t)/C_0). $C_0＝$280ppm,C(t=2014)＝400ppm,

　　T(t) is calculated by $\Delta F_G(t)$ with CO2 conc＝C(t) programmed by us.

(2)**Spread sheet function<Excel for function table calculation >:**

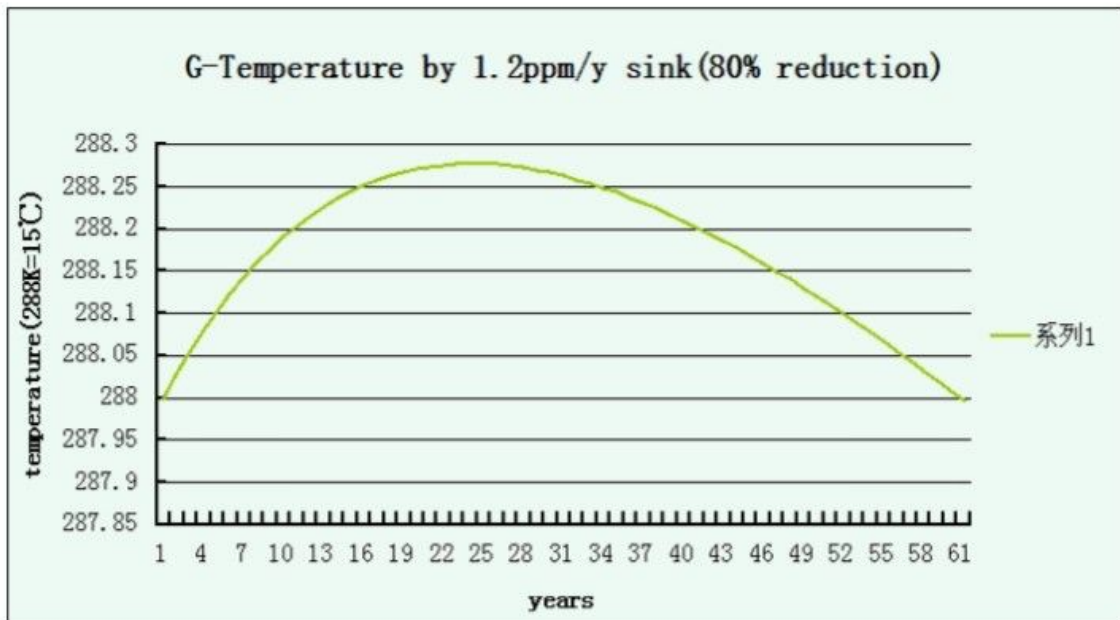B2=B1+(12.953/64)*((B1/287.15)^4)*ln((400-2*A1)/280)-(0.612/64)*5.67*10^-8*(B1^4-287.15^4).   <B1=**288**,........, A1=**1**,2,3,.......>

G-Temeperature by 2ppm sink(Zero Emission)

y-axis: temperature(288K=15℃): 288.25, 288.2, 288.15, 288.1, 288.05, 288, 287.95, 287.9, 287.85
x-axis: years: 1 4 7 10 13 16 19 22 25 28 31 34 37 40
legend: 系列1

(3)**Spread sheet function:**

=B1+(12.953/64)*((B1/287.15)^4)*ln((400-1.2*A1)/280)-(0.612/64)*5.67*10^-8*(B1^4-287.15^4)

G-Temperature by 1.2ppm/y sink(80% reduction)

y-axis: temperature(288K=15℃): 288.3, 288.25, 288.2, 288.15, 288.1, 288.05, 288, 287.95, 287.9, 287.85
x-axis: years: 1 4 7 10 13 16 19 22 25 28 31 34 37 40 43 46 49 52 55 58 61
legend: 系列1

Thus,our planet can be saved by rapid global CO2 sink operation,
Stand up the global scientists and Engineers with global people !!!!!

PS:Recent Global Temperature may seem as if it would be radical,

As for such fear,you should see belows.

Above all,**large climate fluctuation mechanism** had been solved by considering global accumulation of fluid & solar fluctuation through **central limit theorem**.

Note solar fluctuation is cyclic(11,22years),so it can be predictable.

http://www.777true.net/Global-Temperature-Abnormaly-of-2016-the-Possible-Cause.pdf

the anomalous higher temperature at 2016 may be a temporal fluctuation due to higher solar phase in the cycle .

http://www.777true.net/Uncertainty-Causes-in-Climate-Dynamics.pdf

| Climate Fluctuations(temperature,wind intensity,insolation,rain fall,..) |
| almost **Central Limit Theorem** for additive Random Variables in larger dimensional space |
| **Fluid Turbulence** the origin of probability in local atmosphere,and oceans. |

http://www.777true.net/Global-Surface-Temperature_GST_Fluctuation-Analysis.pdf

Temperature fluctuation probability density function is caused from natural fluctuation(Gaussian)plus solar cycle($\sim 1/\sqrt{(1-y^2)}$).

See **APPENDIX-7.**

The accurate details is also your study,please !.

1885−2010GSTFpdf

$\sigma = \Delta T \fallingdotseq 0.15°C$

—— 系列1
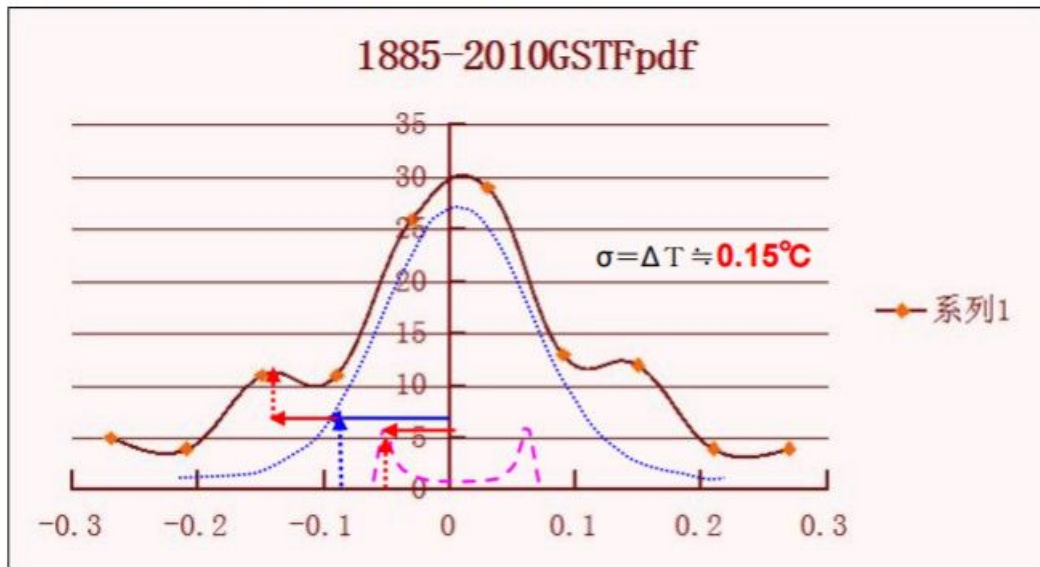
$G(\delta T_C(t)) = \exp[- \delta T_C^2(t)/2 \Delta T_C^2(t)].$ **Pure Climate Fluctuation- PDF**

$S(\delta T_S(t)) = N/[1- <\delta T_S(t)/ \Delta T_S(t)>^2]^{1/2}.$ **Solar Density with noise-PDF**

⑪Arctic Ice Vanishing within 15years＝toward Methane Catastrophe !!

http://www.777true.net/Arctic-Ice-Vanishing-within-15years-toward-Methane-Catastrophe.pdf

http://www.777true.net/Rapid-Temeperature-Rise-in-Arctic-a-simple-verification.pdf

This is deadly estimation on rapid **Warming on ice-less Arctic Ocean** with **Mass-Destruction Methane Reservoir** by simple model calculation. The diagnosis at now is not so important than the fixing.**The crucial salvation technology** is here by author.

http://www.777true.net/Arctic-Cooling-Engineering-the-Summary.pdf

⑴**Just do NOT tell them the monster exists＝IPCC's Fatal Sabotage !!!.**

It is entirely upside down due to **the scientist society＝IPCC's fatal sabotage.**

IPCC has been neglecting the most emergent & fatal Arctic methane rist with **ice decay** .

If they had confessed the serious fact,the world now would be **revolutionalized !!!**.

Just do NOT tell them the monster exists:The Arctic Methane Monster

http://arctic-news.blogspot.jp/2013/10/just-do-not-tell-them-the-monster-exists.html

As the awful consequence,**any nation leaders** in the world debate ordinal climate change policy,**but never refer to Arctic risk !!!.**CO2 reduction could be accomplished by each nation governments in their each ways,while Arctic Cooling Engineering never be done by non,but by **global emergent cooperation.**Because the scale of engineering is outrageous extent,but the time for implementation is not so much left at now.

⑵**Unless the Ice extent reflecting solar heat,Arctic is tropical !!**

We must turn the decisive prejudice recognition that Arctic is coldest.

Once Arctic had lost ice extent,it become warmer and warmer to burst huge Methane.

⒜*Study: North Pole Once Was Tropical, 2006*

http://www.cbsnews.com/news/study-north-pole-once-was-tropical/

In fact, 55 million years ago the Arctic was once a lot like Miami, with an average temperature of 74 degrees(23℃)nalligator ancestors and palm trees, scientists say.

⒝**Another evidence of Tropical Arctic by heat account caculation.**

Cooling Radiation Output＝{Solar＋Atmospheric and Ocean)heat inputs

Note Arctic pole max insolation=270W/m^2 is stronger than that of equatior=216W/m^2 .

Stefan Boltzmann const σ ＝5.67× 10^{-8} W m^{-2} K^{-4},permeability @＝0.6 ? at now.

＊T＝300K*(23℃)* cooling radiation output＝@ σ T^4＝275W

Arctic heat input is not only **solar**,but also **atmospheric and ocean one～90W/m^2**.

Thereby *23℃* could be told enough reasonable in summer Arctic   .

⑶**CH4 Radiative Forcing＝how high temperature rise by how much methane release.**

melting amount	radiative forcing as surplus heat for heat up earth's 1m² area/1sec				
50GtC	3.80W/m²	0.06℃/y	500GtC	13.34W/m²	0.20℃/y
250GtC	9.02W/m²	0.14℃/y	1000GtC	19.75W/m²	0.30℃/y

https://ja.wikipedia.org/wiki/%E6%94%BE%E5%B0%84%E5%BC%B7%E5%88%B6%E5%8A%9B

CO2 radiative forceing at now $\Delta F_G(t)＝12.95*log(400ppm/280ppm)＝2W/m^2 \rightarrow$ 0.03℃/y

It is told sudden busrt of dangerous 50GtC is possible risk at anytime.

0.1℃ global temperature rise energy≒8.6x10²² Joule,

How much energy for making a hurricane≒1.8x10²⁰ Joule.

8.6x10²² /1.8x10²⁰≒480units, almost the heat is absorbed ocean,even though

the 10％ is ≒48units.

⑷**Heat Invasion toward sea floor and methane distribution.**

　　Methane reservoir is told very about 1000GtC(200～1200m depth),Note heat invasion of

　　ocean is told about thermocline＝**600m** depth/year.

⑸**ice CH4 melting mechanism=**CH4 phase diagram by temperature &pressure

(sea depth).　http://www.killerinourmidst.com/methane%20and%20MHs2.html

☞：**absolute temperature** may be not exact,but note awful **10℃ rise effect** in **a model** !!.

10℃ sea water temperature rise can cause methane melting of 200m depth distribution.
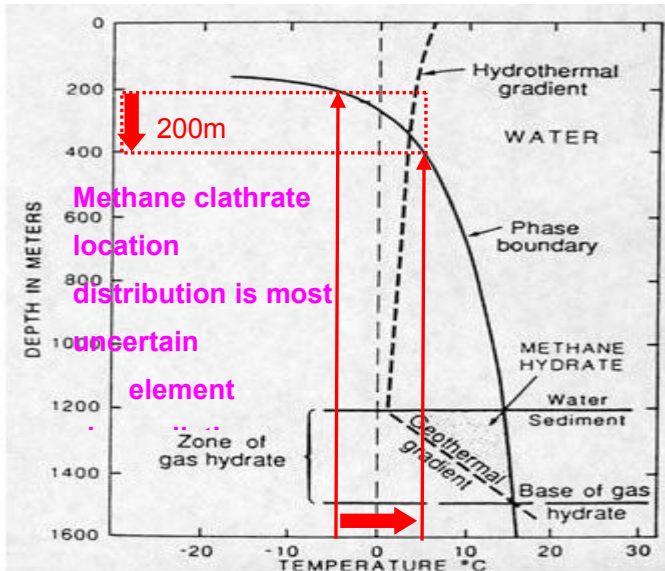
For being solid methane clathrate, temperature is lower and pressure is higher as is drawed in the fig. Upper half of the graph is gas, while lower one is solid.Note methane clathrate 400～1000GtC can be in only depth 200～1200m.

Then assuming uniform distribution density is D＝0.4～1.0GtC/m.

200m→ 80～200GtC melting !!!

⑹Methane release from the East Siberian Arctic Shelf and the Potential for Abrupt Climate Change, 26,8, 2013

http://climatestate.com/2013/08/26/methane-release-from-the-east-siberian-arctic-shelf-and-the-potential-for-abrupt-climate-change/

This is very shallow as about 50m depth,so heat invasion could be rapid,unless measure.

⑺Fireball Earth＝extremely too much of easily blamable CH4{1Mtc～1000GtC}.

annual global desolation input＝5.5×10^{24}J/year

CH4 of 1000GtC＝1×10^{18}g→P＝6.6×10^{22}J:burned energy output.

Past methane disaster Permian Mass Extinction and,PETM had caused oxygen deficit that had caused the mass extinction of life.

⑻Arctic Ocean would be a small pond heating up 10℃/20year by ice full vanishing.

Solar heat is reflected by white ice lid,while absorbed by black sea mouse.The latter is to warm sea water which is to melt more ice lid.Ice area decreasing is to cause more heat input sea mouse.This is the most awful positive feedback process toward ice-less Arctic.

"Heat budget in Arctic at now"   "Awful heat budget in coming Arctic"
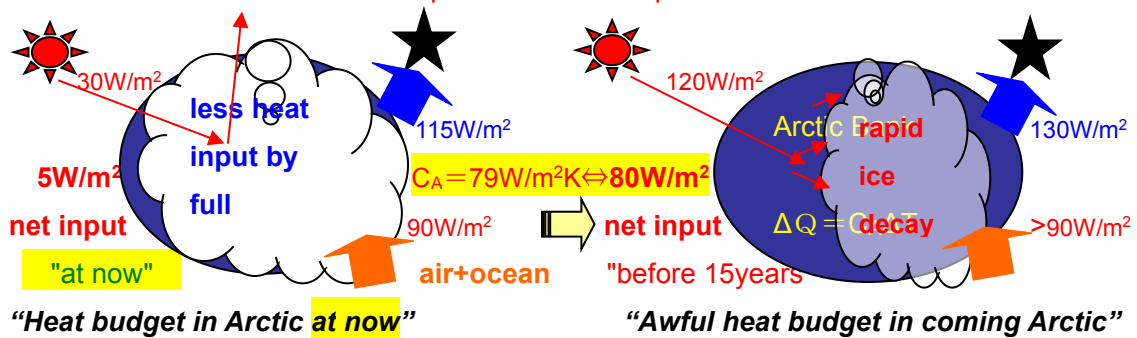
C_A＝79W/m²K＝Heat Capacity(in 1m²)of Arctic Ocean of 600m depth(farthermost).
Thereby 80W/m² heat input is awful rapid ocean temperature rise 1℃/y !!

In ⑽,we could show you the calculation acridity with by very simplified model.

⑼Arctic Heat Budget by the Experts.

http://www.colorado.edu/geography/class_homepages/geog_4271_f12/lectures/notes_2.pdf

Arctic Heat Budget is crucial data estimating Arctic destiny,while those reachable and comprehensible data on web is rare enough.Arctic Data may have been hidden.

⑽The Heat Budge Model in <mark>Ocean</mark> in a year(abstract on the essence).

①**Debt Heat＝Input－ Output＝{Solar＋Air Flow＋Ocean}－Cooling Radiation.**

②**Debt Heat**≡$D(t)$＝**Ocean Warming＋Ice Decay**≡$D(t)(1-\varepsilon)+D(t)\varepsilon$.

 ε≡**heat partition rate**～0.04 at now. this is cut and try test parameter(0.02＜ε＜0.06).

③**Solar**＝120W/m²<1－$a_I(t)$>...$a_I(t)$≡ice extent ratio in Total Ocean Area at time＝t.

④**Air Flow＋Ocean**≡$J(t)$～very coarsely assuming constant.

⑤**Coolintg Radiation**＝@σ<$T(t)$-δT>⁴＝115W/m²＝cooling radiation at now.

＊Author couldn't know exact values,but except σ.
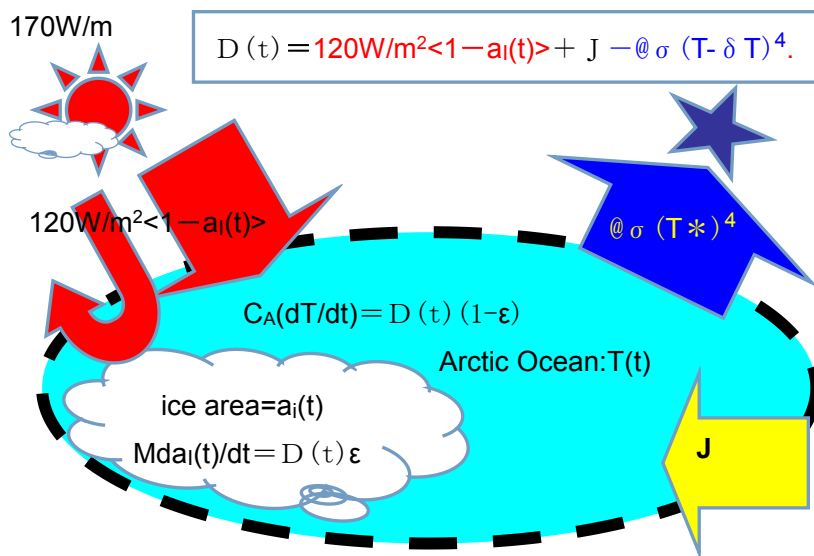
①$D(t)$＝120W/m²<1－$a_I(t)$>＋J－@$\sigma(T-\delta T)^4$.

⑥$Md a_I(t)/dt=D(t)\varepsilon$.............ice melting rate/year,M is melting heat coefficient.

⑦$C_A dT(t)/dt=D(t)(1-\varepsilon)$.....Arctic Ocean Warming rate/year.C_A is **ocean heat capacity**

Unknown variables are ｛$T(t)$, $a_I(t)$, $D(t)$｝and independent equations are 3.

The solution was managed to yield as follows.

170W/m

$$D(t)＝120W/m^2<1－a_I(t)>＋J－@\sigma(T-\delta T)^4.$$

120W/m²<1－$a_I(t)$>

@$\sigma(T*)^4$

$C_A(dT/dt)＝D(t)(1-\varepsilon)$

Arctic Ocean:T(t)

ice area=$a_i(t)$

$Md a_I(t)/dt＝D(t)\varepsilon$

J

＊$D(t)$ is net heat input ocean which is partitioned to ocean warming and Ice melting
by ratio＝ε. $\varepsilon(t)$ is very difficult function to determine,so it is model constant at here.
 ε is related to total ice blocks surface absorbing melting heat. At first those may larger due
to larger $a_i(t)$,but ocean temperature is lower,while as $a_i(t)$ goes smaller with ocean
temperature rise,ice blocks would be fractionalized to many peaces,so total surface might
be not becoming so smaller.At last,when ice is to be full vanished,those could be smaller,but
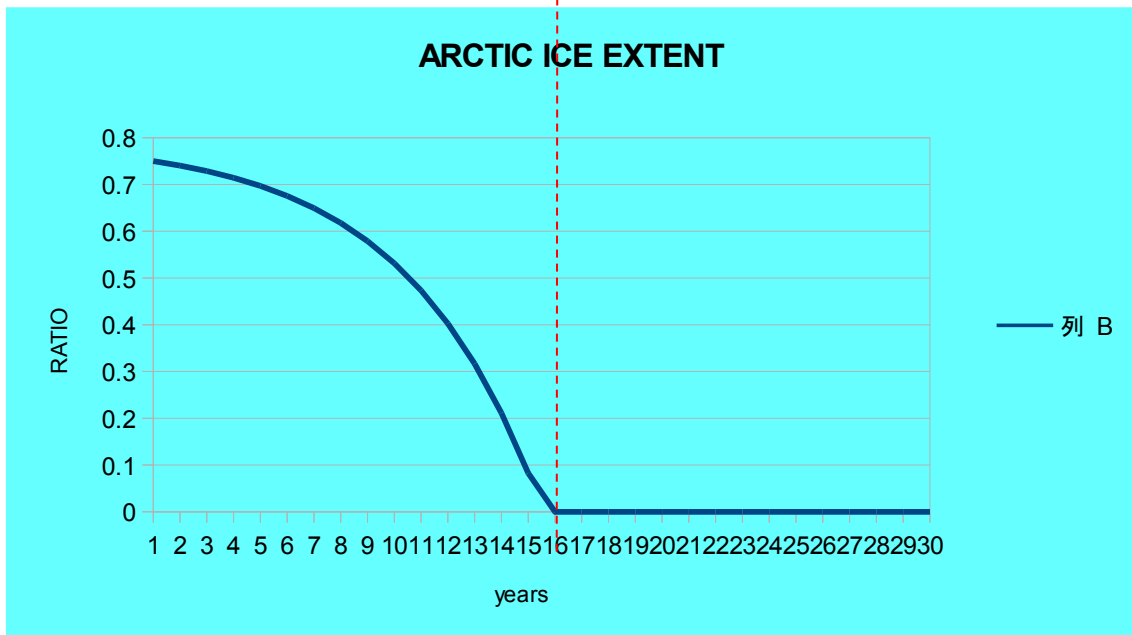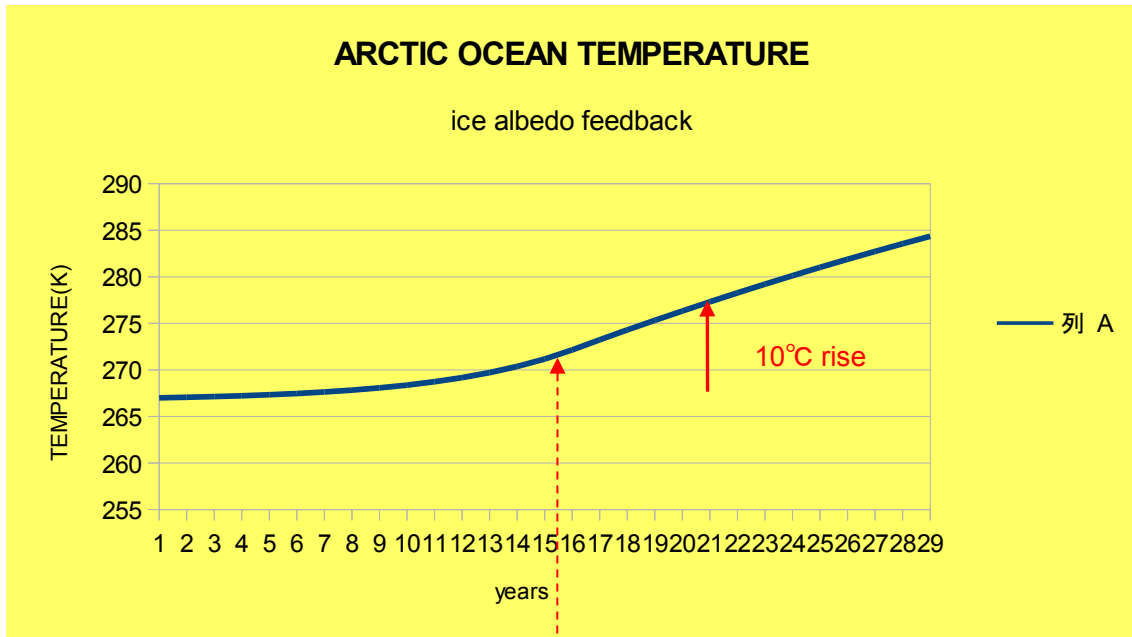duration time might be shorter not to cause larger error due to assuming ε constant.

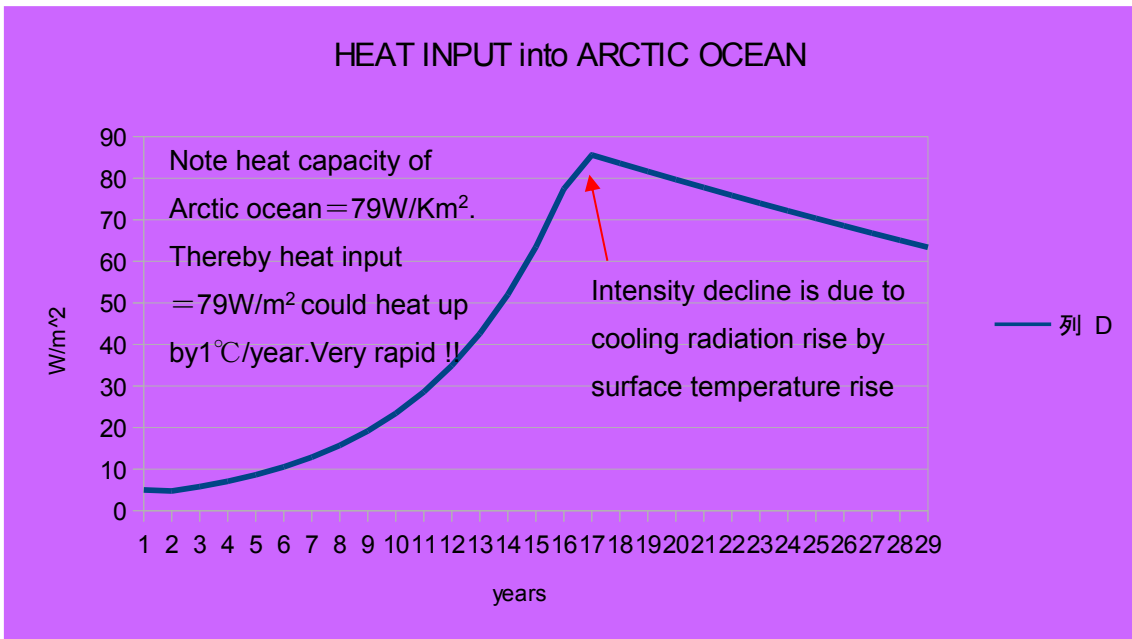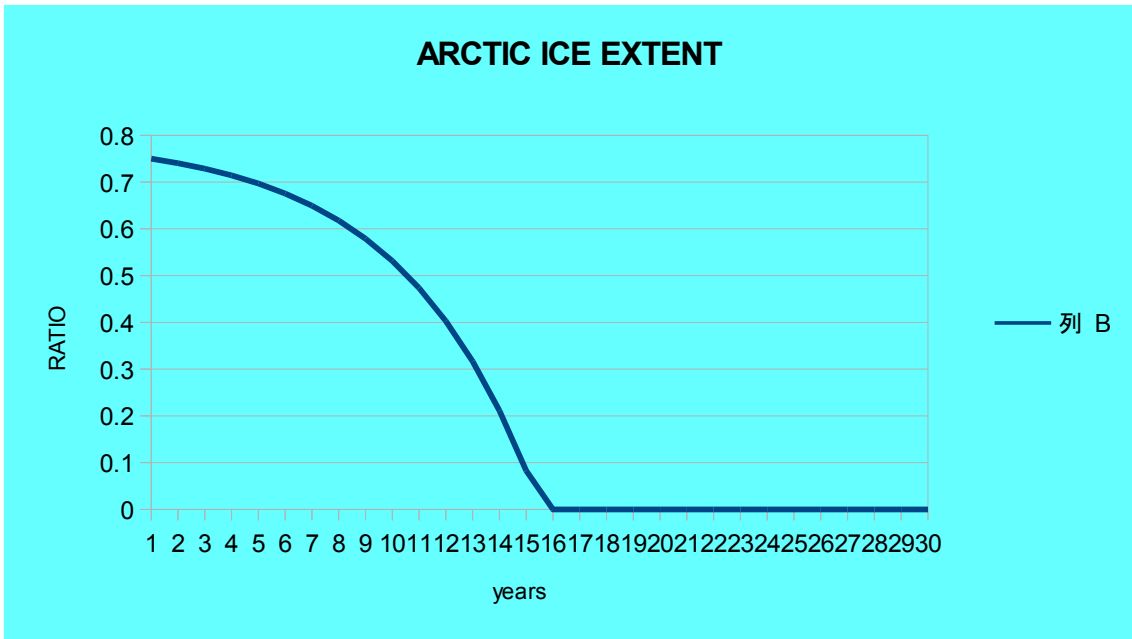**the predicting solution graphs of temperature with ice area.**

Ⅰ：**Arctic Ocean would be a small pond heating up 10℃/20year by ice full vanishing.**

Ⅱ：**Arctic Ocean becomes mass destruction thermal bomb by heatup 10℃/20years !!**

☞：you could veify these solutions by yourselves<**see Appendix**>.

⒜**Arctic Ocean Temperature with Ice Area,and Heat Input.**

ARCTIC ICE EXTENT

HEAT INPUT into ARCTIC OCEAN

Note heat capacity of
Arctic ocean＝79W/Km^2.
Thereby heat input
＝79W/m^2 could heat up
by1℃/year.Very rapid !!

Intensity decline is due to
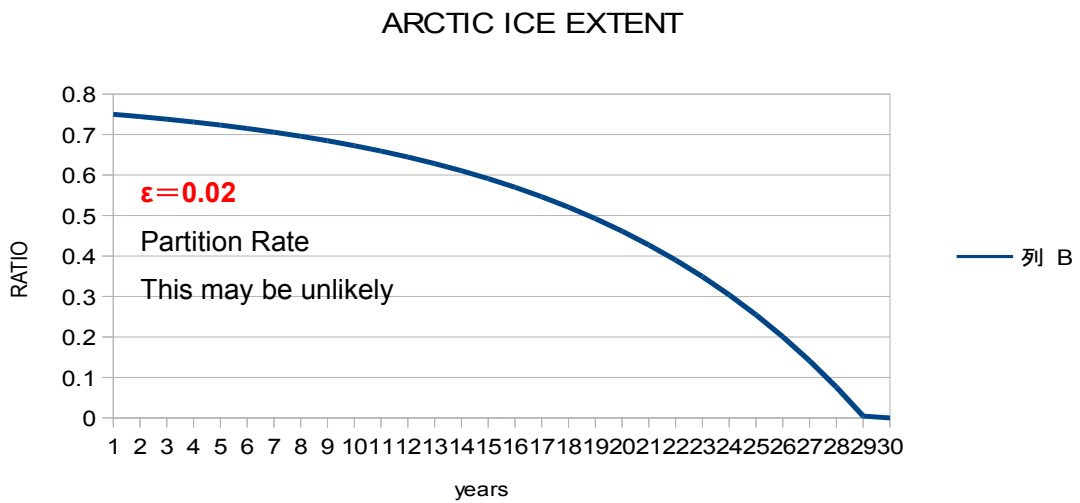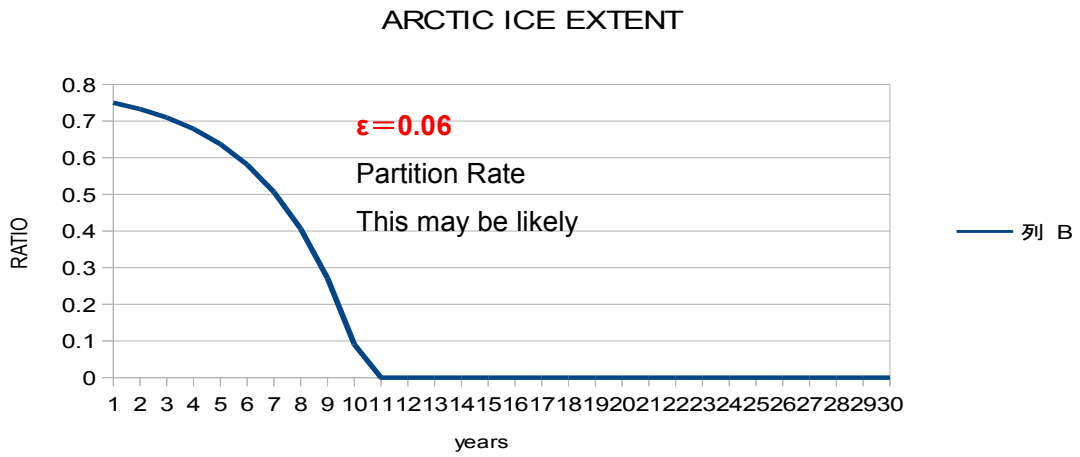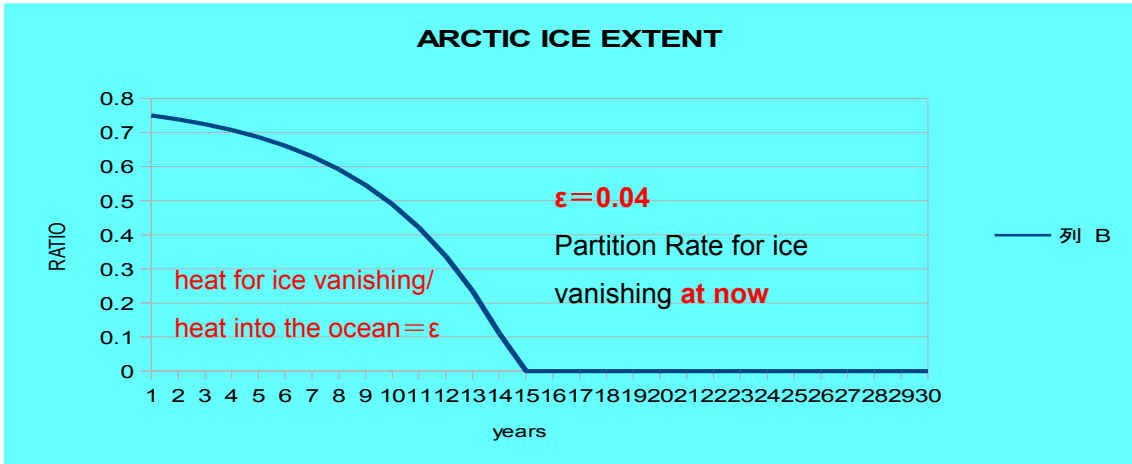cooling radiation rise by
surface temperature rise

＊**Excell Calculating Sheets**:you could see to verify the calculations at here.

http://www.777true.net/ARCTIC-ICE-DEACAY20150807_C.xls

http://www.777true.net/ARCTIC-ICE-DEACAY20150807-E-0.16-0.08_C.xls

http://www.777true.net/ARCTIC-ICE-DEACAY20150807-E-0.16-0.24_C.xls

(b)Ice full vanishing time by heat partition rate for ice vanishing(error range estimation).

ARCTIC ICE EXTENT

ε＝0.04

Partition Rate for ice

vanishing **at now**

heat for ice vanishing/

heat into the ocean＝ε

列 B

ARCTIC ICE EXTENT

ε＝0.06

Partition Rate

This may be likely

列 B

ARCTIC ICE EXTENT

ε＝0.02

Partition Rate

This may be unlikely

列 B

Postscript(2017/5/10)**:**

Ice melting heat may not be **ε** partitioned from total ocean heat input＝D(t),
but heat from ocean water contacting with ice surfaces below sea level.
Then the estimation by precise mechanism would become very difficult.
**By anyhow,the conclusion of decades catastrophe is certain,so our
emergent task must be endeavoring on Arctic Cooling Engineering first !!.
Now global mass people has been in fatal deficit in recognition on this
deadly imminent problem due to perpetual false flag military disputes and
etc caused by deep state power the evil.**

⑫**Charge Alternating by Plasma Oscillation Resonance.** 2017/5/10.

http://www.777true.net/the-convergence-to-genuine_J54-HAARP-Plasma-Oscillation-Mechanism.pdf

Electron Charge Density $N_e(x,y,z)$ is increasing function of height =z till ion sphere summit. Usually,$N_e(x)$ are overlapped with ion density $N_i(x)$ as charge neutral law($0＝N_i(x)-N_e(x)$). By making light mass electrons shifts by $x\pm\delta x$,then $\pm\delta xN_e(x)＜0,＞0$.Such charge emerging (with kinetic inertia) act to recover charge neutral state.This become **plasma oscillation=ω P.** If irradiating such **density layer** by same frequency $\omega=\omega$ P,from ground beam radiator, **the resonance** can generate alternate **charge density wave(CDW)** toward ground. However.this horizontal modulation(x,y) could not be large CDW antenna.While,vertical modulation(z) could be large CDW antenna(HAARP?!!!).

⑴**HAARP the earthquake weapon of chemical bonding destroyer by CDW.**

As you know,chemical bonding is due to electrostatic Coulomb force between negative charge electrons and positive charge of nuclei.Without hot explosion,but by cold destroying chemical bonding in critical hypo center,earthquake can be triggered. CDW is charge density wave,of which monotonous charge field action can destroy electrostatic Coulomb force of chemical bindings.This is awful insidious and disastrous military technology by USA.

⑵**CDW=ϕ is described by classical electromagnetism as Maxwell wave equation.**

$\Box\phi(t;\mathbf{x})=\rho(t;\mathbf{x})/\varepsilon$.

Wave source of ϕ is charge density ρ which must be alternated.

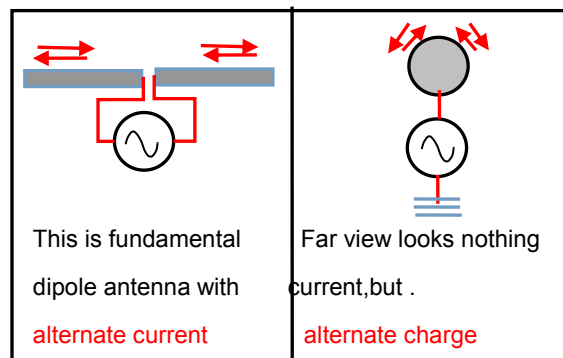$-\mathrm{grad}\phi(t;\mathbf{x})=\mathbf{E}(t;\mathbf{x})$. electric intensity, ϕ is called also **scalar potential**.

$\rho(t;\mathbf{x})=\mathrm{div}\mathbf{D}=-\varepsilon\,\mathrm{divgrad}\phi$. Thereby ϕ is also called charge density wave.

⑶ϕ **Radiating Methods.**

Ordinal transversal electromagnetic wave＝ $\mathbf{A}$**(vector potential)** is radiated by current source in **dipole anntena**, while longitudinal electric wave ϕ is radiated by charge source in mono pole antenna,which is equivalent to capacitor without energy loss.

http://www.777true.net/BWG.pdf

This is fundamental dipole antenna with alternate current

Far view looks nothing current,but . alternate charge

⑷Another ϕ **Radiating Method＝Ion sphere irradiating by phase array anntena.**

At there,charge density alternating is caused by irradiating electric field.Thus downward CDW is reradiated toward ground.Special feature of CDW is its super penetration ability against deep sea and underground.By scanning those CDW is to hit earthquake hypocenter. Frequency 2.5Hz is told resonance one for earth surface circulating wave length.

This technology is threat for all,so it must be accused by global protest !!!.

❶Plasma Oscillation Mechanism by External Driving Electrical Field(p1/16).

[1] : *Plasma Lecture Notes.*

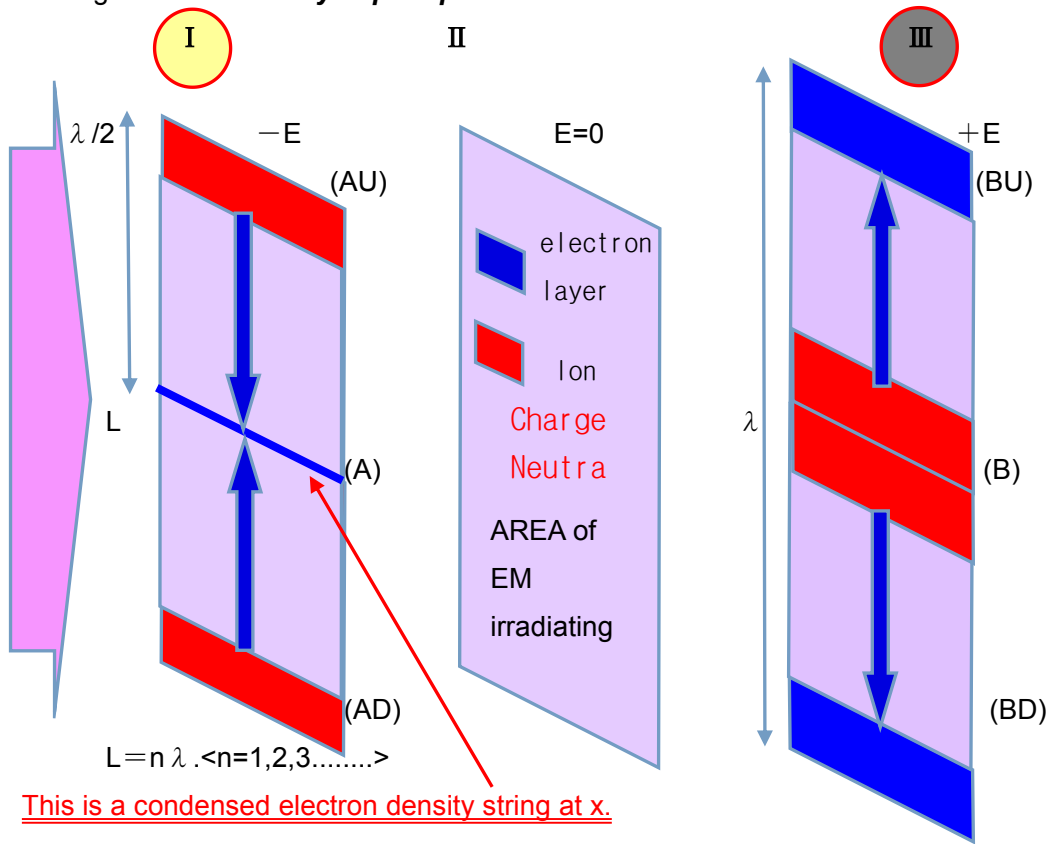# ❷APPENDIX4:Vertical Modulation on Ion Sphere(p6/16)..

±E Dual Finite Plane Wave(HAARP phased array antenna).

$E_x(x;t)=E_y(x;t)=0;$ $E_z(z>0)\fallingdotseq+E_0.$ $E_z(z<0)\fallingdotseq-E_0.$ → $E_z(x;t)=E(z)\exp(kx-\omega t)$

∗...this is very precision finite plane wave to modulate ion sphere

❸Flip Flop Plasma Oscillation by External Vertical Electric Field(p8/16)

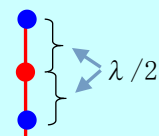See fig "*Pulse Trains by Flip Flop CDW Radiator*"

Ⅰ　　　　　　Ⅱ　　　　　　　　Ⅲ

$\lambda/2$　　　−E
　　　　　　　(AU)

electron layer

Ion

Charge Neutra

AREA of EM irradiating

E=0

+E
(BU)

L

(A)

λ

(B)

(AD)

(BD)

L＝nλ.<n=1,2,3........>

This is a condensed electron density string at x.

❹Phase adjusting on 3 wave sources(AU,A,AD)

by locating with $x=\{+\lambda/2,0,-\lambda/2\}$ and by setting amplitude$=\{-A,+A,-A\}$

$-A\exp 2\pi j(ft-(x+\lambda/2)/\lambda)=+A\exp 2\pi j(ft-x/\lambda)$

$+A\exp 2\pi j(ft-x/\lambda)\qquad=+A\exp 2\pi j(ft-x/\lambda)$

$-A\exp 2\pi j(ft-(x-\lambda/2)/\lambda)=+A\exp 2\pi j(ft-x/\lambda).$

$\lambda/2$

Thus 3 waves are synthesized to be $\phi=3A\exp 2\pi j(ft-x/\lambda)$ at far point view.

☞:As for HAARP,there are many websites referring this serious threat,however

there is no exact description on the precise technical principle.

This technology is threat for all,so it must be accused by global protest !!!.