

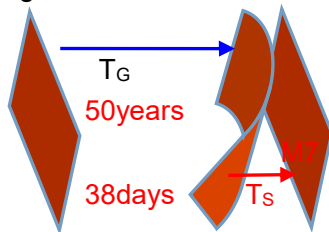
Seismology Indicates non-Natural Earthquake(EQ)in Turkey-Syria.

Successive stronger M7.8-M7.7 EQs in a **short time interval are impossible** in natural EQ. Induced EQ is certainly possible to trigger saturated strain stratum's sliding, however, larger EQ takes longer interval days to generate shocking seismic wave at stop sliding by collision. All is recorded in the seismic wave. **EQ weapon** employ two step, the 1st is **pseudo natural EQ**, the 2nd or more synchronized and delayed with the 1st are **strong explosive EQ** to amplify the attacking damage. Then the seismic wave has unnatural **two ore more amplitude peaks** in a short **interval time**, which is impossible in such **stronger natural M7.8- M7.7EQ**. Stronger EQ clearly has {longer space and longer time}scale by **seismic scaling law**.

Pseudo natural EQ is caused by destroying epic center due to charge density wave(CDW) re-radiated from Ion Sphere stimulated by HAARP radiating strong beam of EM wave. A singular CDW can propagate in under sea and ground without attenuation, and is not explosion, but implosion by the instantaneous chemical catalyzer effect. This report can not refer to the HAARP location and the method of additional strong explosion. 2023/5/26

[1]: Interpretation on hazardous Big EQ.

(1) Taking off bended spring coil is to vibrate for a while, if it hit something, shocking noise occurs. This is called **elastic rebound theory** in standard seismology. Then note there are two phase. Strain Growing Time = T_G , Big M7 EQ takes about **50years** long to fully bend, Interval time for bended fault becoming no bend = T_S = Fault Sliding Time = **38days** for M7. Imagine the mass size of M7 fault = $40\text{km} \times 7\text{km} \times 10\text{km} \times 2.7\text{ton}/\text{m}^3$!!!!!,



Note something ultra heavy never move quickly, but very slow time enough !!!
However once such ultra heavy something run by 1m/s, and is to collide with heavier mass. then outrageous disaster would cause !!

(2) QE is a shocking seismic wave caused by **collision (to stop sliding)** with outrageously heavy sliding fault (**bended by the maximum limit just the before = the critical point**) in underground. <APPENDIX_1>).

(3) Or a shocking wave caused also by outrageously big **insidious explosion** in underground. This is evidently **man-made EQ**, then seismic wave indicates maximum amplitude at recording top. Thereby, a real **EQ weapon** take insidious two or more step to synthesize.

(4) Then **man made pseudo natural EQ** is possible by destroying epic center at near stable critical point (triggering EQ not by explosion, but by **implosion due to CDW by HAARP** <APPENDIX_2>).

[2]:The Strong Suspicion on the Turkey-Syria EQ(2023/2/5-5/20).

①TurkeyM7.8(2023/2/5:4:17;epic region)

In the seismic wave records,there are two peak amplitude points with 10sec time interval.
The 2nd is larger than the 1st,which is unnatural.

②TurkeyM7.7(2023/2/5:13:24;①100km)

At a glance,this seems successive induced EQ by ①,however this can not be rational.
Such larger EQM7.7 takes longer stratum sliding time of 38days or more,while the interval is 0.33day=8hour.You could tell ① can accelerate ②,however 100km distance seismic wave energy= M_w never supply such larger almost matured stratum energy $M_o=20000M_w$.

③SyriaM6.4(2023/2/20:17:04;①150km;②250km)

M6 stratum sliding time=12days,so this seems natural induced EQ both by ① and ②,
Also they are victims with Turkish.

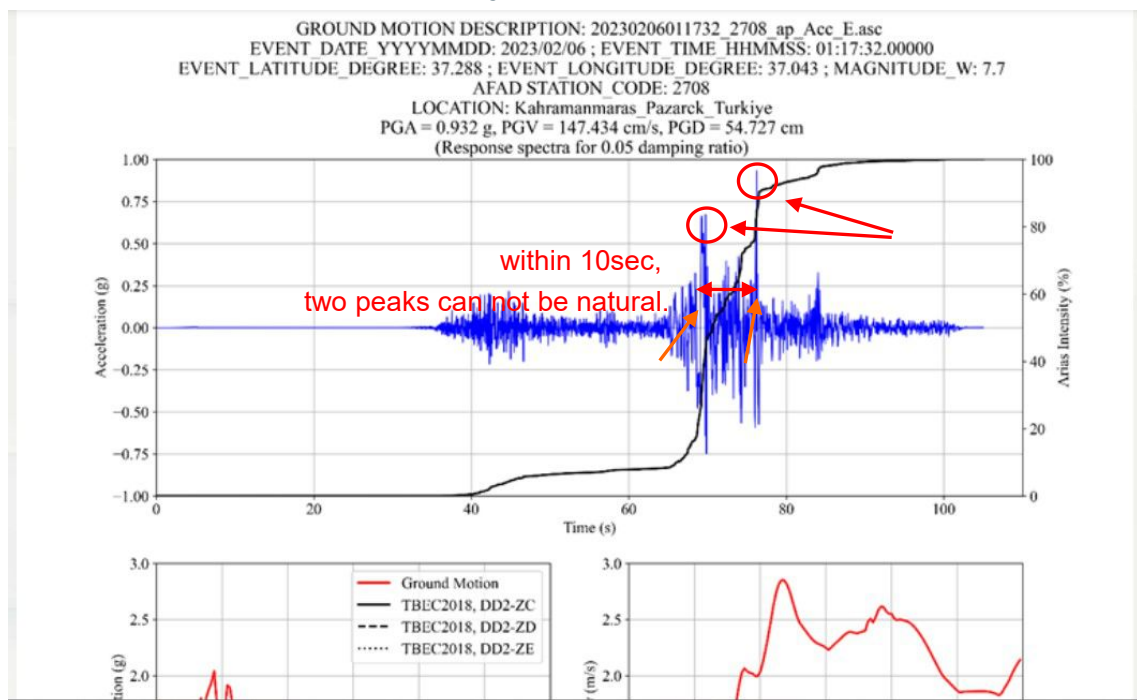
①TurkeyM7.8(2023/2/5:4:17;epic region)

Bulletin by Istanbul Technical University (Turkish)

https://haberler.itu.edu.tr/docs/default-source/default-document-library/2023_itu_deprem_on_raporu.pdf?sfvrsn=bf82d8e5_6

(1)The Strong Suspicion on Two Peaks in a? EQ.

P38 2.3.Gaziantep 2708 No'lu Istasyon(2.3.Gaziantep Station 2708)



Those seems to make large double damage to the region.

(2) **Another evidence of large double damage to the region in Japan 1995..**

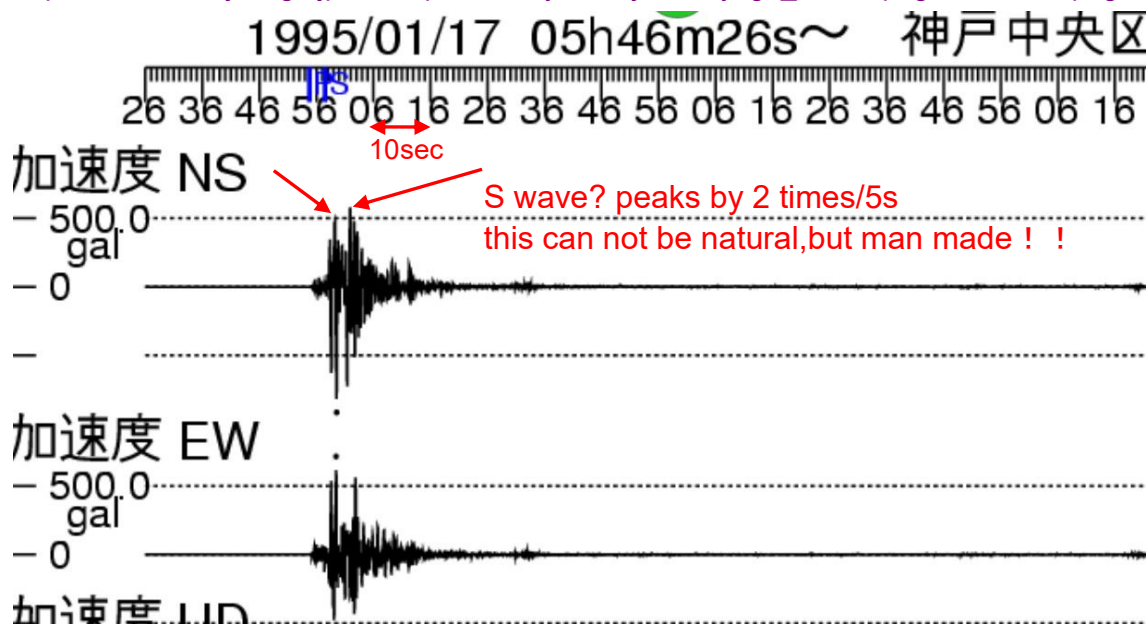
Hyogoken Nanbu(Japan)EQ(1995/1/17:5:46;;34.598333N,135.035E||M_w=6.9;D=16km)

At that 1995,It is rare period the reformist *Murayama* Japan Socialist party Government in Japan having been substantially being ruled by long years dictatorship LDP<puppet one of **occupation US military** since after the war).Similarly 2011/3/11(M9.1)was attacked also at rare period of the reformist *Kan* Democrats party Japan Government,
http://777true.net/G7-Hypocisy-No-Threatening-by%20A-Bomb_but-by-Climate-Collapse-and-EQ-Weapon.pdf

The Great Hanshin-Awaji EQ was an artificial earthquake by a certain country! ?
<http://www.asyura2.com/10/warb7/msg/221.html>

*Professor Kikuchi analyzed the waveforms of the Hyogoken Nanbu Earthquake recorded by seismometers at the university, the United States, Australia, etc., and found that the subsurface rupture that caused the main shock occurred in **two stages**. The first break was about **5 seconds**, followed by another break after about 1 second for about 4 minutes.*

Nakayamate, Chuo-ku, Kobe (JMA KOBE) seismic intensity 6 <891.0 818.0 617.3 332.2> 16.5km
https://www.data.jma.go.jp/svd/eqev/data/kyoshin/jishin/hyogo_nanbu/png/H1171931.png

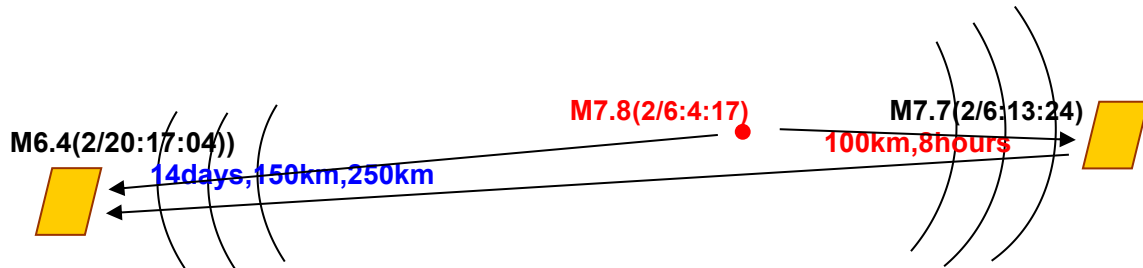


(3) **Successive Large M7.8-M7.7 EQs in a short 8 Hours is impossible in Natural.**

This is the top serious problem relating with the **Turkey-Syria EQ**(2023/2/6;M7.8)

→ **8hour,100km:M7.7** → 14days(150km,250km),M6.4 in 5/20,Syria).

Following is non-expert author's coarse analyzing. However the conclusion is **not natural EQ.**
 In view form below table, **8 hours is too short in comparing 38days of fault sliding time.**



M	L	D	W	W	W	M _w	T _G	T _s
M6	12,7k	6,32	2.35km	1.2km	0.78km	0.631x10 ¹⁴	16	12
M7	40km	20m	7.4km	3.4km	2,5km	0.200x10 ¹⁶	50year	38days
M8	127k	63.2m	23.5km	11.7km	7.83km	0.631x10 ¹⁷	160	120

That is, the sliding fault must have almost final energy \gg M7.7, which could not be supplied by the 1st M7.8 with **the distance about 100k.**

8hour \rightarrow 8h/24h = 0.33day,

M7 average sliding time = 38days.

That is sliding interval is almost completed by $(38 - 0.33)/38 = 99\%$

Thereby, the sliding fault must have almost very larger final energy

(strain + kinetic = $M_0 \gg M_w$). The latter is smaller seismic wave energy (M_w) of M7.7.

In authors view M7.8 and M7.7 were triggered by almost same $38 \pm ?$ days before.

***The two definition on EQ energy of {M₀, M_w}.**

4-1 地震のマグニチュード

<http://www.asahi-net.or.jp/~hs4h-tnk/gdprobs/seismology/magnitude.html>

$M_0 = \mu DS$, total energy of EQ caused by very larger strain (= μ) one.

$M_w = \langle \tau \rangle DS$, $\langle \tau \rangle = \langle \tau_b - \tau_a \rangle / 2 = \Delta \sigma / 2$ seismic wave energy = M_w .

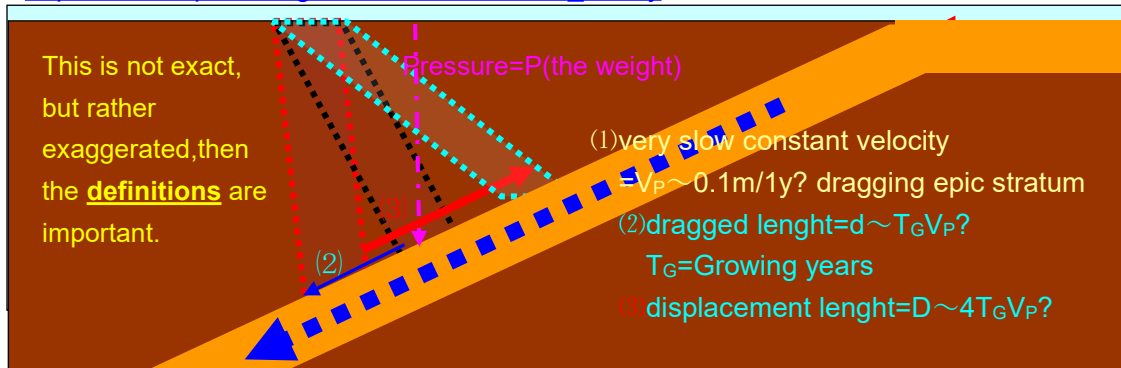
$M_w = 0.5 \times 10^{-4} M_0 \rightarrow M_w / M_0 = 0.5 \times 10^{-4} = \langle \tau \rangle / \mu = \langle \tau_b - \tau_a \rangle / 2 \mu$.

APPENDIX_1:Elastic Rebound Theory with The Scaling Law.

At here,an evidence of **no multi occurrence of natural Big EQ in a short time** is explained.

①How the energy is accumulated in **long time shear stress** caused by constant plate dragging movement and **what trigger the sudden collapse of epic stratum ?**

https://en.wikipedia.org/wiki/Elastic-rebound_theory



②Seismic Moment.

<https://ja.wikipedia.org/wiki/%E5%9C%B0%E9%9C%87%E3%83%A2%E3%83%BC%E3%83%A1%E3%83%B3%E3%83%88>

Empirically, we know the criteria for earthquake scale, fault length, and displacement. A **scaling law** holds that the ratio of **fault length=L**, **width=W?**, and **displacement=D** is regarded almost constant regardless of the scale of the earthquake

Chapter 3 Structure of the Earth (1).....stratum mass density $\sim \rho = 2.7 \times 10^3 \text{kg/m}^3$

<https://www.s-yamaga.jp/nanimono/chikyuu/chikyunoko-01.htm>

$\rho = 2.7 \times 10^3 \text{kg/m}^3$ is essential cause of deep(=h) underground strong pressure=P(h).

A Coarse Estimate on EQ Magnitude scale by ratio $=M(N+1)/M(N)=10^{(3/2)}$

* data in white box is the citation. \rightarrow the value has big uncertainty as $\pm 50, 100\%.$

	fault length =L	displacement =D	Width=E/DL(Hpg), P=Hpg. . $\rho = 2.7 \times 10^3 \text{kg/m}^3, g \equiv 1 \text{m/s}^2$			Joule EQ energy $E=D(LW)P$	strain energy growing years= T_G	sliding time= T_s =glide \rightarrow collision
			H=10km 2.7×10^7	H=20km 5.4×10^7	H=30km 8.1×10^7			
M1	40m	0,02m	7.4m	3.7m	2.5m	0.200×10^7	0.05year	0.038
M2	120m	0,063	23.5m	11.7m	7.83	0.631×10^8	0.16	0.12
M3	400m	0,2m	74m	37m	25m	0.200×10^{10}	0.5	0.38
M4	1,27k	0,63	0.235k	0.12km	78m	0.631×10^{11}	1.6	1.2day
M5	4km	2m	0.74km	0.34km	0.25km	0.200×10^{13}	5	3.8
M6	12,7k	6,32	2.35km	1.2km	0.78km	0.631×10^{14}	16	12
M7	40km	20m	7.4km	3.4km	2,5km	0.200×10^{16}	50	38
M8	127k	63.2m	23.5km	11.7km	7.83km	0.631×10^{17}	160	120
M9	400k	200m	74km	34km	25km	0.200×10^{19}	500	380

Note gray box data are not authorized one, but by non professional author. However

this data becomes a kernel on evidence of **no multi big EQ generation in a short time !!**,

A strange, but very precious document copy that seems to be involved in **fault sliding time** $\equiv T_s$.

Scale dependence of earthquake generation process

地震発生過程のスケール依存性

Copy & Paste above Japanese and put into URL search box.

地震 第 2 報
第 61 巻特集号 (2009) S329-S338 頁

地震発生過程のスケール依存性

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井出 哲

Scaling Relations for Earthquake Source Process

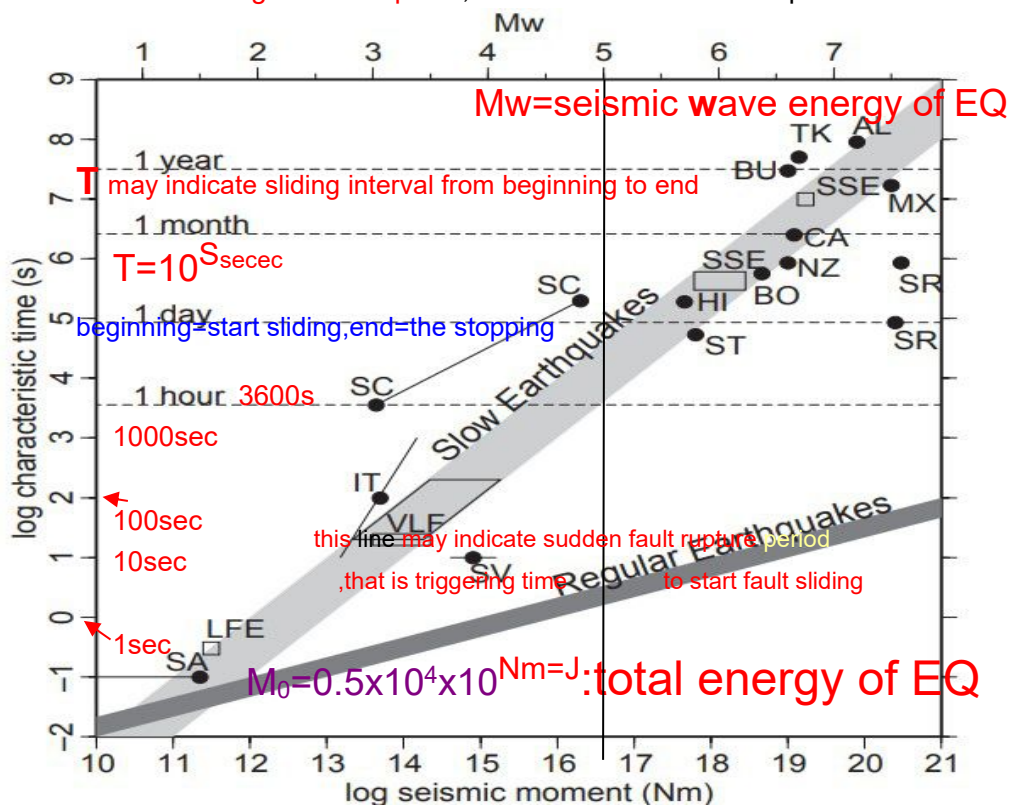
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(Received March 10, 2008; Accepted May 22, 2008)

断層運動のスケール依存性研究はまだ萌芽的であり、さまざまな「普通でない地震」の研究からは新しいゆっくり地震のスケール法則も見つかっている。地震発生過程を包括的に理解する上でスケール依存性の研究は現在においてもフロンティアである。以下にこの分野の最近の進展をレビューする。

§ 2. マクロパラメターのスケール依存性

地震のスケール依存性の研究は地震 = 断層運動の概念が確立され、矩形断層モデル [Haskell (1964), Aki and Richards (2002)] が成立した頃に始まる [Aki (1967)], 地震波の源を少数のパラメターで表現することが可能になり、1960 年代以降多数の矩形断層モデルが現実の地震について提出された。断層の大きさの推定には地震

The vertical axis is equivalent $\equiv T_s$, but there is no clear definition in the paper. Note the large scale M8 in the REGULAR EARTHQUAKE line, **T = several seconds**. This seems to be the initial fault rupture time, the beginning of the first slip. It don't show any examples? ?, It may be slow EQ that is real **regular earthquake**, and there are clear examples.

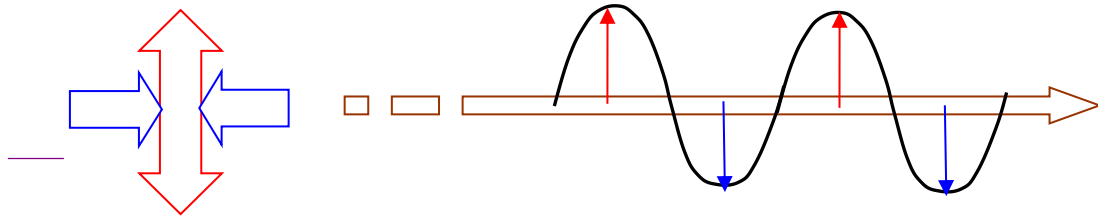


☞: The scaling law employ *rigidity* = $\mu = \text{constant}$ in **depth 20km**, deeper depth's temperature rise is told change property of EQ.

③ Induced EQ by the 1st EQ Seismic Wave Propagation ??.

(1) Almost reversible seismic wave (major S wave) propagation by epicenter decaying.

(a) **vibration origin** action <expansion or shrinking by orthogonal direction>
 a epicenter motion is mentioned in (a).

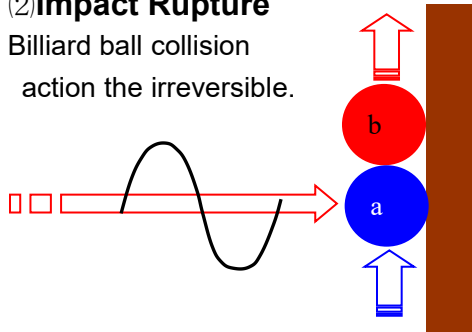


(b) reversible vibration by a temporal seismic wave propagating period.

A seismic wave is outrageous enough to vibrate our land the ultra heavy volume. Certainly it is receiving outrageous dynamical energy, however it is also outrageous energy releasing, there by those are canceled with each other to cause nothing irreversible damage.

(2) Impact Rupture

Billiard ball collision
 action the irreversible.



This is serious case of inducing
 2nd EQ by dynamical energy transfer
 by seismic wave receiving.
 the a&b ball is not same vibration, but
 very **sharp collision irreversible**.
a stopped still, while **b** is to move.
 ☞ : This is author opinion.

The wave length must be sufficiently short to make crack shocking in bedrock, Thereby long distance traveling seismic wave of lower frequency can not be such ability.

(3) Creep Rupture by small triggering.

Distorted something at the maximum limit is to rupt someday. It's **a tug-of-war**, and when **one person falls**, the tide **gradually** shifts toward the final collapse.

Then what can be such triggering cause ???.

- (a) Injecting mechanical shock wave to make a cracking point by **bomb**,.....
- (b) Injecting water into ultra high pressure point to cause small nuclear fusion.
 Note high pressured bedrock become pseudo metal of which surface becomes **catalyzer** to cause **cold nuclear fusion**.
- (c) **CDW** (charge density wave by **HAARP**) is catalyzer space causing implosion of matter due to destroying chemical bonding.

(4) Irreversible Rupture Beginning.

Beginning of an earthquake is that the rupture starts at one point inside the bedrock, and the bedrock suddenly shifts and begins to release the strain. Note so called cracking surface propagation velocity is almost that of jet plane. The point where the rupture started is the epicenter, and the surface that is ruptured and slowly shifted becomes the fault.

<https://ja.wikipedia.org/wiki/%E5%9C%B0%E9%9C%87>

APPENDIX_2: Detecting EQ <earthquake> Weapon.

①) Readers must read **APPENDIX_1: Elastic Rebound Theory**. At there, this is proved.

In a short time of few minutes, big EQ M5,6,..multiple occurrence is impossible in natural.

②) Single underground bomb EQ is simply detected by the seismic wave with maximum amplitude at top portion of the record. Thereby they employ multiple-steps method.

Nuclear test and natural earthquake the Differences in wave forms

<https://otenki-bosai.seesaa.net/article/a63698762.html>

ii) That is, they generate Pseudo Natural EQ by HAAP③ with natural seismic wave, and then they trigger many bombs EQ with sequentially synchronized with 1st attack. The result could be serious enough to cause big damage such as Hanshin-Awaji (1995/1/17), Haiti(2010/1/12), Northeast Japan(2011/3/11) and Turkey-Syria(2023/2/6,20)

③) **Pseudo Natural EQ by HAAP** (charge density epicenter attack radiated from excited Ion Sphere)

<http://777true.net/Possible-Japan-Independent-Revolution-against-brutal-USA.pdf>

The Hidden, but understandable Mechanism of Matter Implosion by Electrostatic Wave.

(a) molecular are bonded by **electrostatic force(=ES)**, so destroying ES can be earthquake!

(b) Traveling ES wave= ϕ is radiated by alternate charge density= ρ ... $\square \phi = -\rho / \epsilon$.

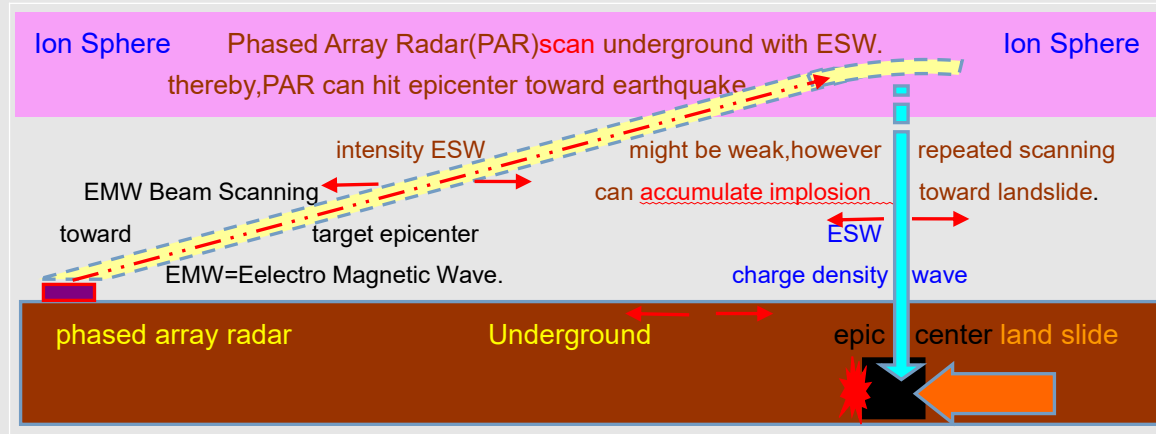
This is wave equation established by electromagnetic theory, note **ion sphere** are charge field.

(c) **HAARP** is strong EM beam radiator stimulating AC charge in ion sphere to radiate ϕ (**ESW**).

(d) Traveling ϕ toward earthquake **epicenter** causes its implosion **triggering land slide**.

this is entirely same mode of natural earthquake triggered by **epicenter collapse**.

☞ : ordinal EM wave is strongly attenuated in underground or seafloor, while **ESW is not !!**



☞ : possible epicenter position has previously been detected by many past experiences.

https://www3.nhk.or.jp/news/special/saigai/natural-disaster/natural-disaster_06.html

Author is expert on ESW(B wave or scalar, charge density one), but not on HAARP itself. .

However, following facts were derived <these are expert oriented reports toward **reexamination**>

Charge Alternating by Plasma Oscillation Resonance

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

this is **short term earthquake prediction** by detecting **advance sign** of ES seismological phenomena.

<http://www.777true.net/Short-Term-Earthquake-Prediction-by-Phenomena-of-Electro-Seismology.pdf>