## Alfred Witte's Kronos

# Earthquakes



Cemal Cicek

12 September 2020

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#### Alfred Witte

Alfred Witte was an outstanding German astrologer of the early 20th century and the founder of the Hamburg School of Astrology who wrote over 40 articles as well as the first "Rules for Planetary Pictures". He was also a land-surveyor who worked on the Hamburg airport. In his private life he was an unpretentious, withdrawn man. He was married and had two daughters.

Witte began his career as an astrologer in 1913 when he published his article "Thoughts on Colour, Number, Tone", where he developed the ideas of Johannes Kepler, his compatriot, an astrologer and mathematician, particularly on the idea of harmony or the music of the spheres. This article discussed the mutual interrelation of planets' vibrations, as well as their relation to other natural oscillations and waves according to the tuning fork principle.

Birth : 2 March 1878 at 21:12 LMT Hamburg, Germany. Died : 4 August 1941 at 4:01 (MEDT) in Hamburg, Germany.

https://astrologer.ru/Witte/biography\_eng.html

Kronos:  $\mathbf{\hat{T}}$ 

The Significations :

Planet	Principle	Function	Expression	Manifest
	Mastery	Management	Rulership,	Governments,
	_	_	Authority,	Bureaucracies,
$\cap$			Position,	Princely Hierarchies,
+			Advantage	Heads of State,
				Paterfamilias

https://astrologer.ru/Witte/biography\_eng.html

We examine  $\bigcirc$ , 4,  $\hbar$  and  $\Upsilon$  connections.

Used :

- 1 Krishnamurti Ayanamsa : 23°45′56″ for Year 2000. Speed of precession is 50.2388475
- 2 Mean Node
- 3 Harmonic 16
- 4 Capricorn Solar Ingress.
- 5 Transits

Note : To find opposition and square positions, the values  $05^{\circ} 37' 30''$  or  $11^{\circ} 15' 00''$  are added/subtracted as the whole circle we use is  $22^{\circ}30' 00''$ .

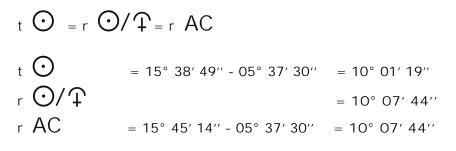
#### 2002 Sumatra Earthquake

The 2002 Sumatra earthquake occurred at 01:26 UTC (Local time 08:26) on 2 November. It had a magnitude of 7.3 on the moment magnitude scale with an epicenter just north of Simeulue island and caused three deaths. This earthquake is regarded as a foreshock of the 2004 Indian Ocean earthquake, which had an epicenter about 60 km to the northwest.

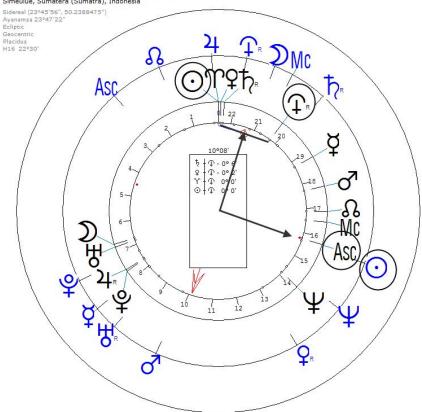
Coordinates : 2° 49′ 26.4" N, 96° 5′ 6" E https://en.wikipedia.org/wiki/2002\_Sumatra\_earthquake

Capricorn Ingress : 14.01.2002 3:41:27 Transit : at 01:26 UTC (Local time 08:26) on 2 November 2002.

Harmonic-16



2002 Sumatra earthquake-Ingress 14 January 2002 Mon 3:41:27 (GMT) 2°49'26"S 96°05'06"E Simeulue, Sumatera (Sumatra), Indonesia



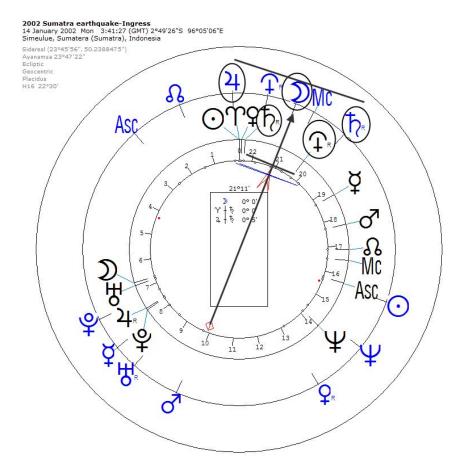
There are also :

$$t \frac{2}{\hbar} = t \mathcal{D} = r \frac{\pi}{\hbar} / \mathcal{L}$$

$$t \frac{2}{\hbar} = 21^{\circ} 15' 24'' - 11^{\circ} 15' 00'' = 10^{\circ} 00' 24''$$

$$t \mathcal{D} = 21^{\circ} 10' 36'' - 11^{\circ} 15' 00'' = 09^{\circ} 55' 36''$$

$$r \frac{\pi}{\hbar} / \mathcal{L} = 10^{\circ} 02' 10''$$



#### 1923 Great Kant Earthquake

The Great Kant earthquake struck the Kant Plain on the main Japanese island of Honsh at 11:58:44 JST (02:58:44 UTC) on Saturday, September 1, 1923. Varied accounts indicate the duration of the earthquake was between four and ten minutes.

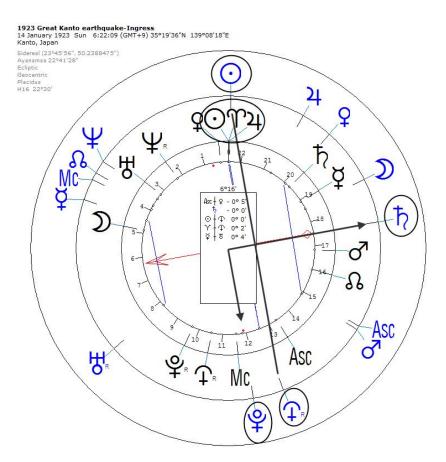
Coordinates : 35° 19′ 36″ N, 139° 8′ 18″ E https://en.wikipedia.org/wiki/1923\_Great\_Kant%C5%8D\_earthquake

Capricorn Ingress : 14.01.1923 6:22:09 Transit : at 11:58:44 JST (02:58:44 UTC) on 1 September 1923.

Harmonic-16

t  $\odot/\Upsilon$  = t  $\uparrow$ t  $\odot/\Upsilon$  = 06° 16' 45'' t  $\uparrow$  = 17° 30' 15'' - 11° 15' 00'' = 06° 15' 15''

t 🖸 = r 🛈= r Ӌ



There are also :

Harmonic-16

t ħ/∓ =t ¥ =r ħ/∓ t ħ/֏ = 03° 47' 23'' t **4** = 20° 39′ 46′′ - (11° 15′ 00′′ + 05° 37′ 30′′) = 03° 47′ 16′′ = 03° 51′ 57′′ t ħ/֏ = r ħ t  $\sigma^{7}/\hbar$  (16° 10′ 46″ - 05° 37′ 30″ = 10° 33′ 16′′) = r  $\uparrow$  (10° 32′ 15′′) t  $(12^{\circ} 34' 30'' - 05^{\circ} 37' 30'' = 06^{\circ} 57' 00'') = r \sqrt[3]{10} (06^{\circ} 59' 44'')$ 1923 Great Kanto earthquake-Ingress 14 January 1923 Sun 6:22:09 (GMT+9) 35°19'36"N 139°08'18"E Kanto, Japan Sidereal (22°45'56", 50.2388475") Ayanamsa 22°41'28" Ecliptic Geocentric Placidus H16 22°30'  $(\cdot)$ 4 ç⊙<sup>(</sup>r)2µ Q  $\Psi_{R}$ 2,2 벙 (S Me 3°47 ð Asc - 0 Ω - 0 Asc + σ 0 た + 平 0 - 0° 5' ħ - 0º 1 )09 В 2 Asc 1 12 11 Asc H O ę Mc Ŷ

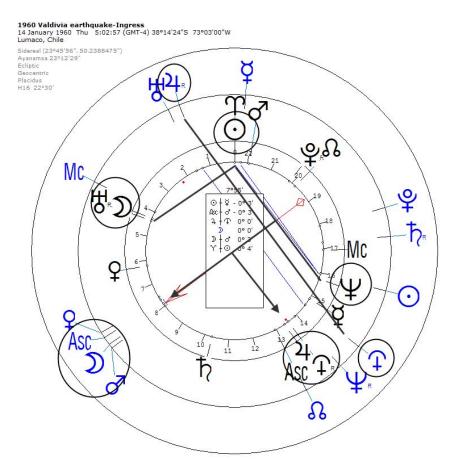
#### 1960 Valdivia Earthquake

The 1960 Valdivia earthquake or the Great Chilean earthquake (Gran terremoto de Chile) on 22 May 1960 is the most powerful earthquake ever recorded. Various studies have placed it at 9.4–9.6 on the moment magnitude scale. It occurred in the afternoon (19:11 GMT, 15:11 local time), and lasted approximately 10 minutes. The resulting tsunami affected southern Chile, Hawaii, Japan, the Philippines, eastern New Zealand, southeast Australia, and the Aleutian Islands.

Coordinates : 38° 14′ 24″ S, 73° 3′ 0″ W https://en.wikipedia.org/wiki/1960\_Valdivia\_earthquake

Capricorn Ingress : 14.01.1960 5:02:57 Transit : at 19:11 (GMT), 15:11 (local time) on 22 May 1960.

t 
$$4/\Upsilon$$
 = t  $\mathfrak{D}$  = r  $\mathfrak{T}$   
t  $4/\Upsilon$  = 07° 54′ 55″  
t  $\mathfrak{D}$  = 07° 54′ 58″  
r  $\mathfrak{T}$  = 13° 34′ 07″ - 05° 37′ 30″ = 07° 56′ 37″  
t  $\mathfrak{H}/\mathfrak{T}$  = t  $\mathfrak{O}$  = r  $\mathfrak{H}$ 

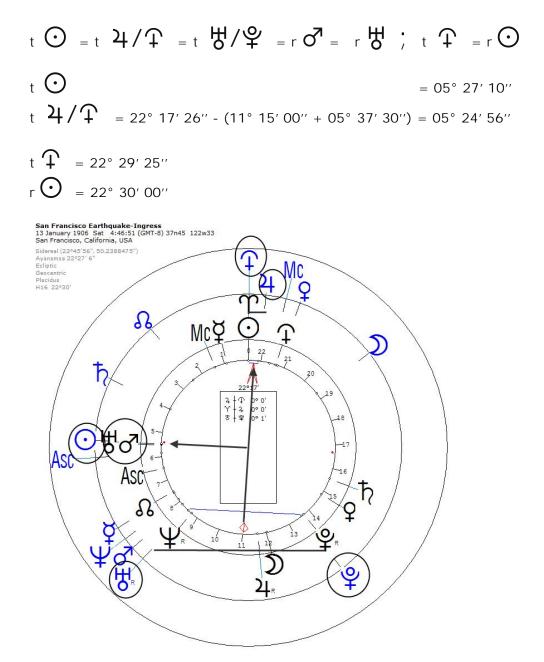


#### 1906 San Francisco Earthquake

The 1906 San Francisco earthquake struck the coast of Northern California at 5:12 a.m. on Wednesday, April 18 with an estimated moment magnitude of 7.9 and a maximum Mercalli intensity of XI (Extreme).

Coordinates : 37° 45′ 0″ N, 122° 33′ 0″ W https://en.wikipedia.org/wiki/1906\_San\_Francisco\_earthquake

Capricorn Ingress : 13.01.1906 4:46:51 Transit : at 5:12 a.m. on 18 April 1906.



#### 2016 Kaikoura Earthquake

The 2016 Kaikoura earthquake was a magnitude 7.8 (Mw) earthquake in the South Island of New Zealand that occurred two minutes after midnight on 14 November 2016 00:02:56 NZDT (11:02 on 13 November UTC). Ruptures occurred on multiple faults and the earthquake has been described as the "most complex earthquake ever studied".

Coordinates : 42° 45′ 25.2″ S, 173° 4′ 37.2″ E https://en.wikipedia.org/wiki/2016\_Kaikoura\_earthquake

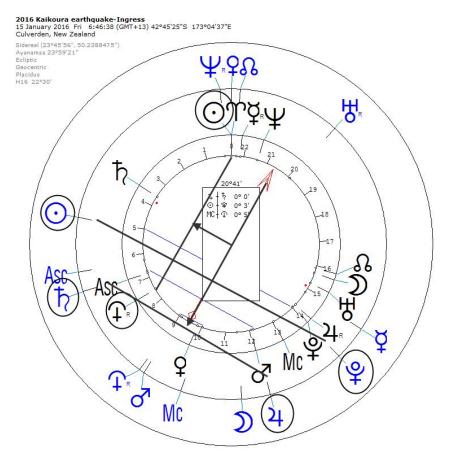
Capricorn Ingress : 15.01.2016 6:46:38 Transit : at 00:02:56 NZDT on 14 November 2016.

Harmonic-16

$$t \frac{4}{\hbar} = t \frac{3}{4} = r \frac{3}{4} = r \frac{3}{4}$$
  

$$t \frac{4}{\hbar} = 20^{\circ} 41' 25'' - 11^{\circ} 15' 00'' = 09^{\circ} 26' 25'' = 09^{\circ} 29' 51'' = 09^{\circ} 29' 51'' = 15^{\circ} 00' 52'' - 05^{\circ} 37' 30'' = 09^{\circ} 23' 22''$$

t  $\bigcirc / \uparrow$  (06° 59′ 33′′) = r  $\bigcirc / \clubsuit$  (18° 16′ 02′′ - 11° 15′ 00′′ = 06° 51′ 02′′)



There are also :

Harmonic-16

 $t \bigcirc /4 = r 4$   $t \oslash /4 = r 4$   $t \oslash /4 = 14^{\circ} 10' 45'' - 05^{\circ} 37' 30'' = 08^{\circ} 33' 15''$   $t \oiint /1 = t \bigcirc /1 & = r \oslash /1 \end{pmatrix}$   $t \oiint /1 = r \cancel{7} / \cancel{7} = r \bigcirc /1$   $t \oiint /1 = r \cancel{7} / \cancel{7} = r \bigcirc /1 = r$   $t \land C /1 = r \bigcirc /1 = r \bigcirc /1 = r$   $t \land C /1 = r \bigcirc /1 = r$   $d \land C /1 = r \bigcirc /1 = r$ 

2016 Kaikoura earthquake-Ingress 15 January 2016 Fri 6:46:38 (GMT+13) 42°45'25"S 173°04'37"E Culverden, New Zealand Sidereal (23°45'56'', 50.2388475'') Ayanama 23°59'21'' Ecliptic Geocentric Placidus H16 22°30'  $\Psi$   $\varphi$   $\vartheta$ **H** ͻϪϮ  $(\cdot)$ 22 21 ħ 20 8°35' ⊙ <del>|</del> 2 0° 0' 8 0° 4' 4.  $\odot$ -17 29 Asc ħ Asc Mc+ Mc+ T. ð ę 8 Tr L Mc 2

#### 2016 Ecuador Earthquake

The 2016 Ecuador earthquake occurred on April 16 at 18:58:37 ECT with a moment magnitude of 7.8 and a maximum Mercalli intensity of VIII (Severe). The very large thrust earthquake was centered approximately 27 km (17 mi) from the towns of Muisne and Pedernales in a sparsely populated part of the country, and 170 km (110 mi) from the capital Quito, where it was felt strongly.

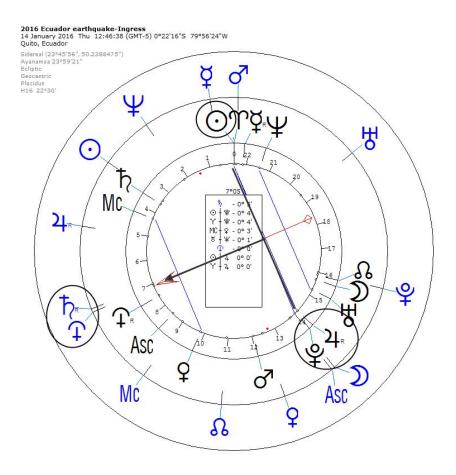
Coordinates : 0° 22′ 15.6″ N, 79° 56′ 24″ W https://en.wikipedia.org/wiki/2016\_Ecuador\_earthquake

Capricorn Ingress : 14.01.2016 12:46:38 Transit : at 18:58:37 ECT on 16 April 2016.

Harmonic-16

t 
$$\hbar/\Lambda = r \odot/\Lambda$$
  
t  $\hbar/\Lambda = 18^{\circ} 17' 28'' - 11^{\circ} 15' 00'' = 07^{\circ} 02' 28''$   
r  $\odot/\Lambda = 07^{\circ} 05' 23''$ 

t  $\bigcirc / \uparrow$  (16° 30′ 10′′) = r  $\cancel{4} / \uparrow$  (22° 06′ 15′′ - 05° 37′ 30′′ = 16° 28′ 45′′) t  $\bigcirc / \uparrow$  = t  $\bigcirc$  = t MC = r  $\cancel{4} / \uparrow$  = r  $\biguplus / \clubsuit$ 

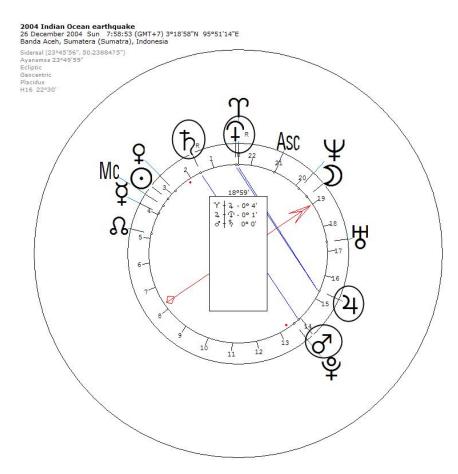


#### 2004 Indian Ocean Earthquake

The 2004 Indian Ocean earthquake and tsunami (also known as the Boxing Day Tsunami) occurred at 07:58:53 (UTC+7) on 26 December, with an epicentre off the west coast of northern Sumatra, Indonesia. It was an undersea megathrust earthquake that registered a magnitude of 9.1–9.3 Mw, reaching a Mercalli intensity up to IX in certain areas. The earthquake was caused by a rupture along the fault between the Burma Plate and the Indian Plate.

Coordinates : 3° 18′ 57.6″ N, 95° 51′ 14.4″ E https://en.wikipedia.org/wiki/2004\_Indian\_Ocean\_earthquake\_and\_tsunami

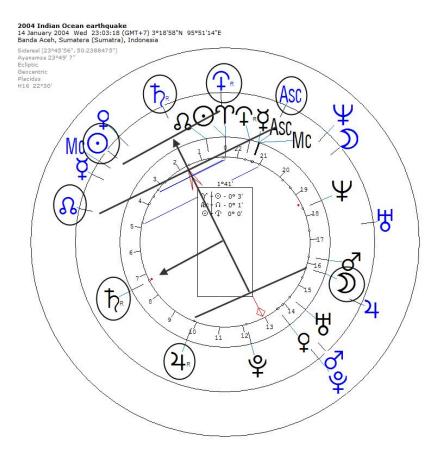
2004 Indian Ocean Earthquake as Radix at 07:58:53 (UTC+7) on 26 December 2004



Capricorn Ingress : 14.01.2004 23:03:18 Transit : at 07:58:53 (UTC+7) on 26 December 2004

Harmonic-16

t  $\bigcirc / \uparrow$  = r  $\hbar$ t  $\bigcirc / \uparrow$  = 01° 40′ 54″ + 05° 37′ 30″ = 07° 18′ 24″ r  $\hbar$  = 07° 19′ 32″



#### 1976 Tangshan Earthquake

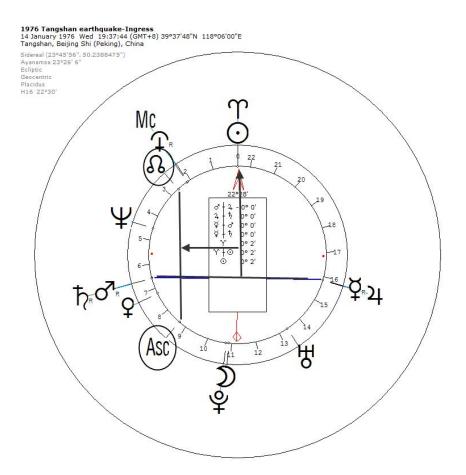
The 1976 Tangshan earthquake, also known as Great Tangshan earthquake, was a natural disaster resulting from a magnitude 7.6 earthquake that hit the region around Tangshan, Hebei, People's Republic of China on 28 July 1976, at 3:42 in the morning. In minutes, eighty-five percent of the buildings in Tangshan collapsed or were unusable, all services failed, and most of the highway and railway bridges collapsed or were seriously damaged. At least 242,000 people died (some have said three times that), making this the third (or possibly second) deadliest earthquake in recorded history.

https://en.wikipedia.org/wiki/1976\_Tangshan\_earthquake Coordinates : 39° 37′ 48″ N, 118° 6′ 0″ E Capricorn Ingress : 14.01.1976 19:37:44 Tangshan, Beijing Shi (Peking), China

Harmonic-16

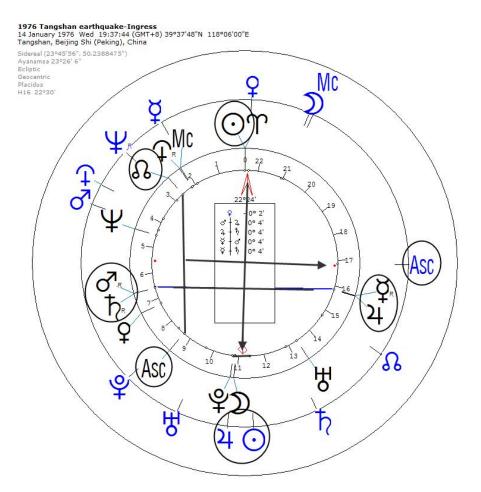
$$r \frac{4}{\hbar} = r \frac{\sqrt{4}}{4} = r \frac{AC}{8} = r \odot$$
  
 $r \frac{4}{\hbar} = 22^{\circ} 27' 35''$   
 $r \odot = 22^{\circ} 30' 00''$ 

 $r \frac{4}{4} = r \frac{1}{2} \frac{1}{2}$  $r \frac{1}{2} \frac{4}{4} = r \frac{1}{4}$ 



Capricorn Ingress : 14.01.1976 19:37:44 Tangshan, Beijing Shi (Peking), China Transit : at 3:42:55 (Local Time) on 28 July 1976

- t  $\bigcirc /4$  = t AC = r  $4/\hbar$  = r  $\bigcirc /4$  = r AC / & = r  $\bigcirc$ t  $\bigcirc /4$  = 22° 23' 41'' t AC = 16° 50' 36'' + 05° 37' 30'' = 22° 28' 06'' r  $4/\hbar$  = 22° 27' 35'' r AC/& = 22° 27' 35'' = 22° 30' 00''
- $r \sigma' / \hbar = r AC$
- r O/T = r AC / d = r MC / T

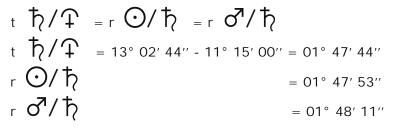


#### 1920 Haiyuan Earthquake

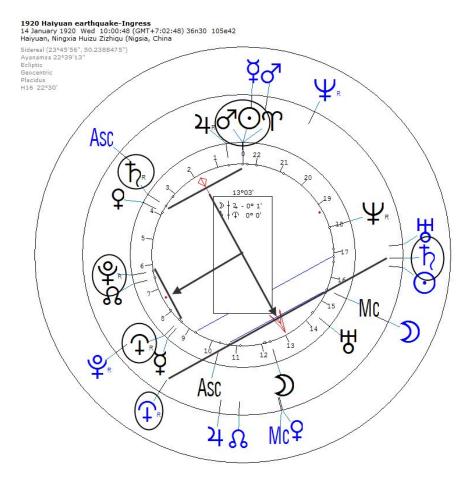
1920 Haiyuan earthquake occurred on December 16 in Haiyuan County, Ningxia Province, Republic of China. It was also called the 1920 Gansu earthquake because Ningxia was a part of Gansu Province when the earthquake occurred.

https://en.wikipedia.org/wiki/1920\_Haiyuan\_earthquake

Coordinates : 36° 30′ 0″ N, 105° 42′ 0″ E Capricorn Ingress : 14.01.1920 10:00:48 Haiyuan, Ningxia Huizu Zizhiqu (Nigsia, China Transit : at 19:05:53 (Local Time) on 16 December 1920 Harmonic-16



t  $\hbar = t \partial = r \partial = r \partial'$ 



#### 2010 Haiti Earthquake

The 2010 Haiti earthquake was a catastrophic magnitude 7.0 Mw earthquake, with an epicenter near the town of Léogâne (Ouest) and approximately 25 kilometres (16 mi) west of Port-au-Prince, Haiti's capital. The earthquake occurred at 16:53 local time (21:53 UTC) on Tuesday, 12 January 2010.

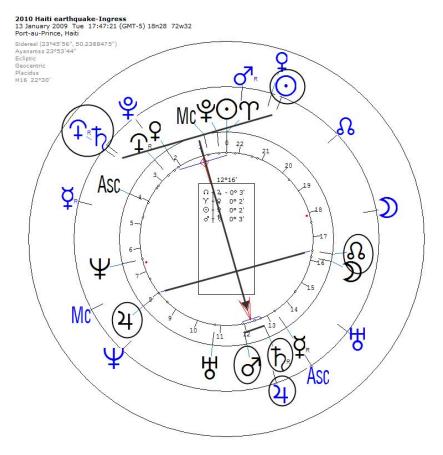
https://en.wikipedia.org/wiki/2010\_Haiti\_earthquake

Coordinates : 18° 28' N 72° 32' W Capricorn Ingress : 13.01.2009 17:47:21 Port-au-Prince, Haiti Transit : at 16:53 local time (21:53 UTC) on Tuesday, 12 January 2010.

Harmonic-16

t  $\odot/\uparrow$  = r  $\sigma^{7}/\uparrow$ t  $\odot/\uparrow$  = 12° 16′ 05″ - 11° 15′ 00″ = 01° 01′ 05″ r  $\sigma^{7}/\uparrow$  = 01° 04′ 16″

t • / 4 = r •

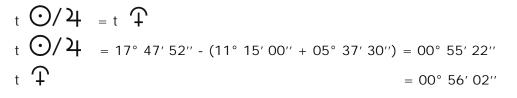


#### 1908 Messina Earthquake

The 1908 Messina earthquake (also known as the 1908 Messina and Reggio earthquake) occurred on 28 December in Sicily and Calabria, southern Italy with a moment magnitude of 7.1 and a maximum Mercalli intensity of XI (Extreme). The cities of Messina and Reggio Calabria were almost completely destroyed and between 75,000 and 82,000 lives were lost.

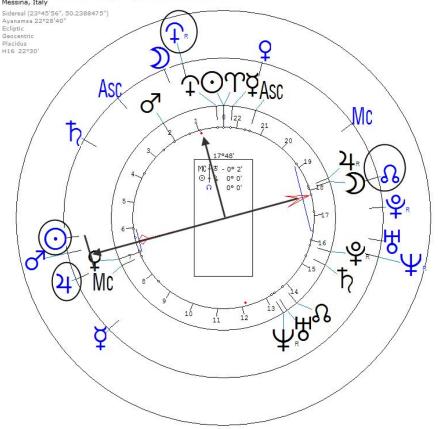
https://en.wikipedia.org/wiki/1908\_Messina\_earthquake

Coordinates : 38° 9′ 0″ N, 15° 40′ 48″ E Capricorn Ingress : 14.01.1908 2:06:55 Messina, Italy Transit : at 05:20 (Local Time) on 28 December 1908 Harmonic-16



$$t \odot / \uparrow = r \odot / 4$$
;  $t 4 / \hbar = r 4 / \hbar$ ;  $t 4 = r 4$ 

**1908 Messina earthquake-Ingress** 14 January 1908 Tue 2:06:55 (GMT+1) 38°09'00"N 15°40'48"E Messina, Italy

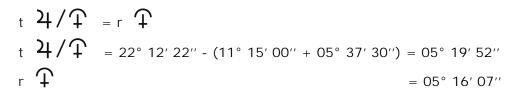


#### 1948 Ashgabat Earthquake

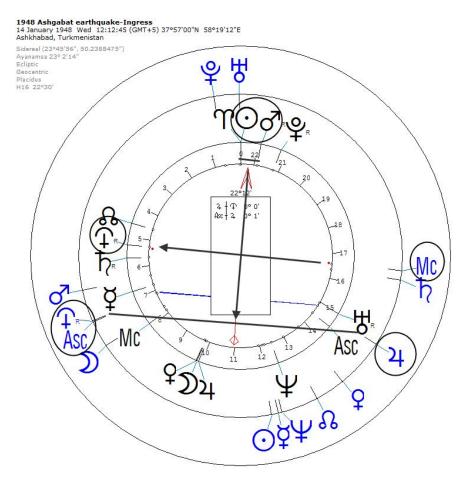
The 1948 Ashgabat earthquake occurred on 6 October with a surface wave magnitude of 7.3 and a maximum Mercalli intensity of X (Extreme). The shock occurred in Turkmenistan near Ashgabat. Local Time : 01:12:09 TMT

https://en.wikipedia.org/wiki/1948\_Ashgabat\_earthquake

Coordinates : 38° 9′ 0″ N, 15° 40′ 48″ E Capricorn Ingress : 14.01.1908 2:06:55 Messina, Italy Transit : at 05:20 (Local Time) on 28 December 1908 Harmonic-16



 $t \partial^{n}/\hbar = t \partial^{n} = r \partial^{n} = r \partial^{n} ; t \partial^{n}/4 = r \partial^{n}/\hbar$ 



#### 1999 zmit Earthquake

The 1999 zmit earthquake (also known as the Kocaeli, Gölcük, or Marmara earthquake) occurred on 17 August at 03:01:40 local time in northwestern Turkey. The shock had a moment magnitude of 7.6 and a maximum Mercalli intensity of IX (Violent).

https://en.wikipedia.org/wiki/1999\_%C4%B0zmit\_earthquake

Coordinates : 40° 48′ 36″ N, 29° 58′ 48″ E Capricorn Ingress : 14.01.1999 11:21:12 Izmit, Turkey Transit : at 03:01:40 (Local Time) on 17 August 1999

Harmonic-16

t O/ħ = t 4/∓ = r 4	t 4 = t AC/T = r 4/T
t $\bigcirc / \hbar$ = 04° 05′ 38′′ + 11° 15′ 00′′ = 15° 20′ 38′′	t <b>4</b> = 11° 07′ 17″ + 05° 37′ 30″ = 16° 44′ 47″
t <b>4</b> / <b>1</b> = 15° 24′ 16″	t AC/ $\Upsilon$ = 05° 30′ 35′′ + 11° 15′ 00′′ = 16° 45′ 35′′
r <b>4</b> = 15° 20′ 53′′	r 4/1 = 16° 45′ 26′′

## $t \odot / \uparrow = t \odot / \Re = t \sigma / \hbar ; t \odot / 4 = r 4 / \hbar$

1999 Izmit earthquake-Ingress 14 January 1999 Thu 11:21:12 (GMT+2) 40°48'36"N 29°58'48"E Izmit, Turkey Sidereal (23°45'56", 50.2388475") Ayanama 23°44'58" Ecliptic Geocentric Placidus H16 22°30' b H \$OT d' Asc T **∂** 22 ħ 21 Q 4°06 ⊙ + \$ 0° 0' 2 + \$ 0° 4' ₽ \$ 0° 5' -1 Mc 4 11 ð Asc Ж MIC **Q**<sub>R</sub>

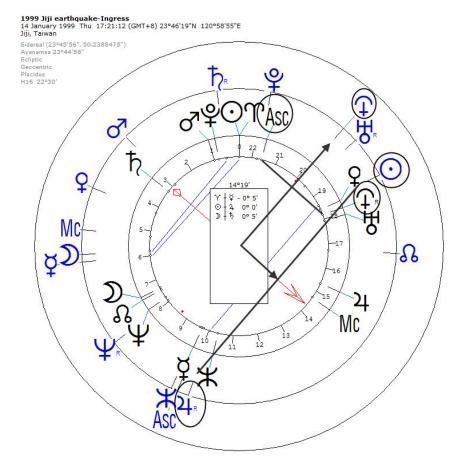
#### 1999 Jiji Earthquake

The Chi-Chi earthquake, also known as the great earthquake of September 21 was a 7.3 ML or 7.7 Mw earthquake which occurred in Jiji (Chi-Chi), Nantou County, Taiwan on Tuesday, 21 September 1999 at 01:47:12 local time. 2,415 people were killed, 11,305 injured.

https://en.wikipedia.org/wiki/1999\_Jiji\_earthquake

Coordinates : 23° 46′ 19.2″ N, 120° 58′ 55.2″ E Capricorn Ingress : 14.01.1999 17:21:12 Jiji (Chi-Chi), Nantou County, Taiwan Transit : at 01:47:12 local time on 21 September 1999

t 🖸 / 4 = t 7 = r AC / 7	t ⊙ = t σ <sup>7</sup> /ħ=r ⊙/ħ
t $\bigcirc /24$ = 14° 18′ 59″ + 05° 37′ 30″ = 19° 56′ 29″	t 🖸 = 18° 33′ 51″ - 11° 15′ 00″ = 07° 18′ 51″
t <b>1</b> = 19° 54′ 30′′	t <b>0<sup>7</sup>/ ħ</b> = 12° 56′ 40′′ - 05° 37′ 30′′ = 07° 19′ 10′′
$r AC/T = 08^{\circ} 38' 11'' + 11^{\circ} 15' 00'' = 19^{\circ} 53' 11''$	$ r \odot / \hbar = 01^{\circ} 37' 24'' + 05^{\circ} 37' 30'' = 07^{\circ} 14' 54'' $



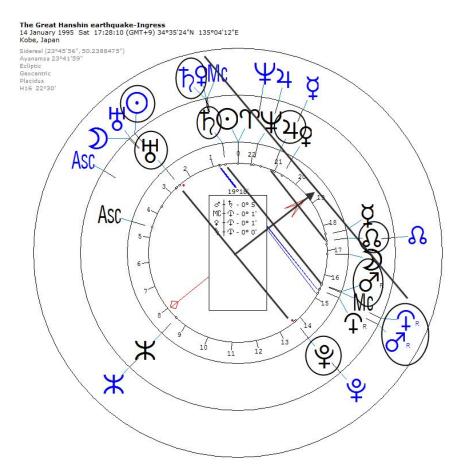
#### The Great Hanshin Earthquake

The Great Hanshin earthquake , or Kobe earthquake, occurred on January 17, 1995 at 05:46:53 JST (January 16 at 20:46:53 UTC) in the southern part of Hy go Prefecture, Japan, including the region known as Hanshin.

https://en.wikipedia.org/wiki/1999\_Jiji\_earthquake

Coordinates : 34° 35′ 24″ N, 135° 4′ 12″ E Capricorn Ingress : 14.01.1995 17:28:10 Kobe, Japan Transit : at 05:46:53 JST on 12 January 1995.

t 
$$\bigcirc = t \sigma^{7}/\hbar = t \hbar/\Lambda = r \sigma^{7}/\hbar = r 4/\%$$
  
t  $4/\hbar = r \bigcirc$   
t  $\bigcirc/4 = t \hbar$   
t  $4/\Lambda = t \bigcirc/\hbar$ 



#### 1989 Loma Prieta Earthquake

The 1989 Loma Prieta earthquake occurred on California's Central Coast on October 17 at 5:04 p.m. local time (1989-10-18 00:04 UTC). The shock was centered in The Forest of Nisene Marks State Park approximately 10 mi (16 km) northeast of Santa Cruz on a section of the San Andreas Fault System and was named for the nearby Loma Prieta Peak in the Santa Cruz Mountains.

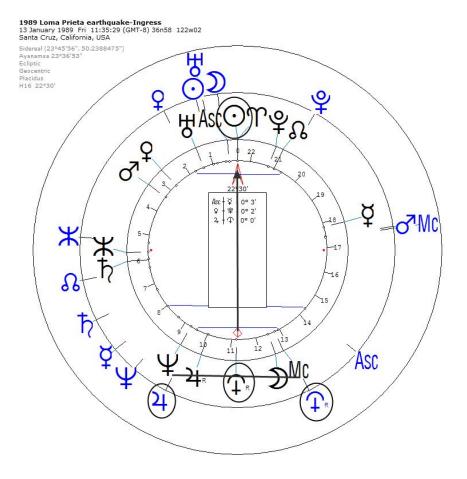
https://en.wikipedia.org/wiki/1989\_Loma\_Prieta\_earthquake

Coordinates : 37° 2′ 24″ N, 121° 52′ 48″ W Capricorn Ingress : 13.01.1989 11:35:29 Santa Cruz, California, USA Transit : at 17:04:15 (Local Time) on 17 October 1989

Harmonic-16

t 4/♀ = r ♀ = r ⊙		t	ν <sub>= r</sub> 24
t 4/7 = 2	22° 29′ 44′′	t ħ/⊋	= 21° 20′ 58′′
r T = 11° 12′ 05′′ + 11° 15′ 00′′ = 2	22° 27' 05''	г <b>4</b>	= 10° 02′ 53′′ + 11° 15′ 00′′ = 21° 17′ 53′′
r 🕑 = 2	22° 30′ 00′′		

 $t \odot/4 = r AC/4$ ;  $t \odot/\hbar = r \delta$ ;  $t \hbar = t \Phi = r \odot/\sigma = r \sigma/\Phi$ 



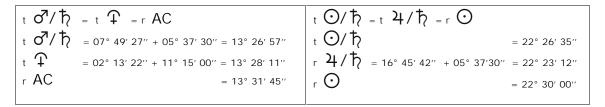
#### 2009 L'Aquila Earthquake

The 2009 L'Aquila earthquake occurred in the region of Abruzzo, in central Italy. The main shock occurred at 03:32 CEST (01:32 UTC) on 6 April 2009, and was rated 5.8 or 5.9 on the Richter magnitude scale and 6.3 on the moment magnitude scale; [8] its epicentre was near L'Aquila, the capital of Abruzzo, which together with surrounding villages suffered the most damage.

https://en.wikipedia.org/wiki/2009\_L%27Aquila\_earthquake

Coordinates : 42° 20′ 51.36″ N, 13° 22′ 48″ E Capricorn Ingress : 14.01.2009 0:47:21 Abruzzo, Italy Transit : at 03:32:42 CEST on 6 April 2009

Harmonic-16



 $t \odot / \uparrow = t 4 / \uparrow ; t \odot = t \Im = t H = r AC / R$ 

