

THE MAGIC OF WISDOM

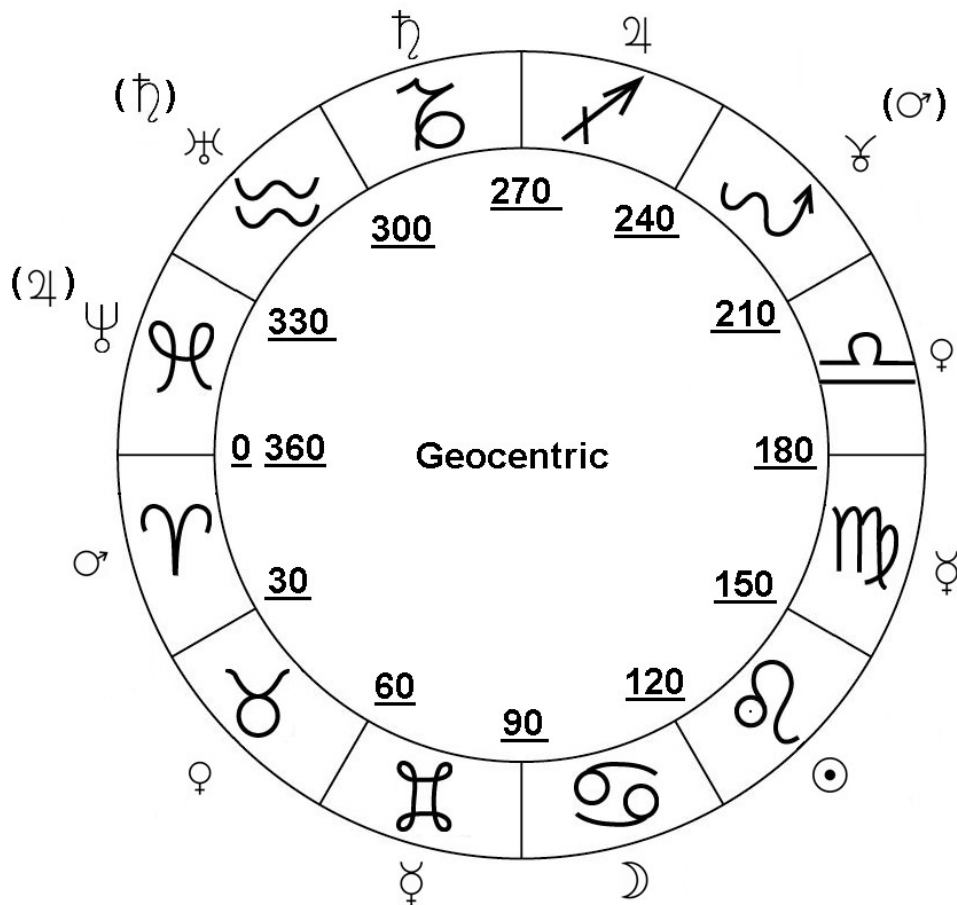
Lectures













Perth, Western Australia, 1951 - 1952











Perth, 27th April, 1951

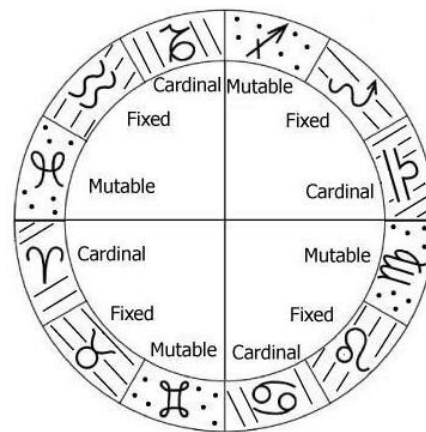
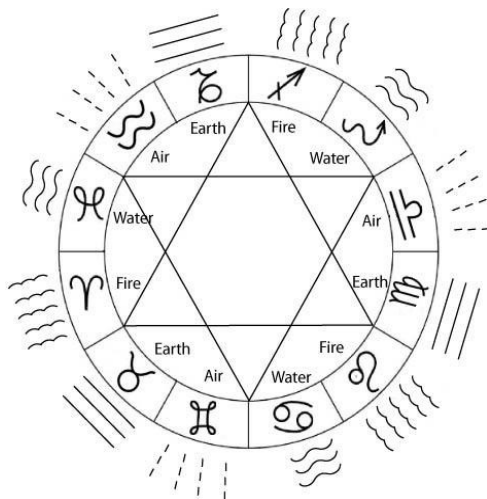
SERGE RAYNAUD de la FERRIÈRE

Friday, April 27th 1951. (Cremorne).



<u>Constellations</u>	<u>Signs</u>	<u>Symbols</u>
(Latin Names)	(Eng.Name)	(Universal)
Aries	Ram (Lamb)	
Taurus	Bull	
Gemini	Twins	
Cancer	Crab	
Leo	Lion	
Virgo	Virgin	
Libra	Balance	
Scorpio	Scorpion	
Sagittarius	Centaur	
Capricorn	Goat	
Aquarius	Water Carrier	
Pisces	Fish	

Planets	Symbol	Velocity	
Mercury		88 days	Tradicional Planets Of Antiquity
Venus		224 "	
(Earth) SUN		365 "	
Moon		28 "	
Mars		687 "	
Jupiter		11½ years	
Saturn		29 ½ "	<u>New Planets</u>
Uranus		84 "	(Herschel, English, 1781)
Neptune		164 "	(Leverrier, French 1846)
Pluto		248 "	(Lowell, U.S.A. 1930)



Three different Times:

1. True Local Time.
2. Greenwich Mean Time.
3. Siderial Time.

Note: Standard Time, over a large area, is only for convenience

Calculating Time:-

1. Given Standard Time to convert to G.M.T.

East of Greenwich: - Std. Time minus Diff.

West “ “ :- “ “ plus “

2. Given G.M.E. to convert to True Local Time.

East of Greenwich:- G.M.T plus Difference.

West “ “ :- “ “ minus “

Note:

$$\frac{24 \text{ hours}}{360 \text{ degrees}} = \frac{1 \text{ hour}}{15 \text{ degrees}} = 4 \text{ mins}$$

Thus 1 degree makes 4 mins. diff. 15 degrees makes 1 hour diff.

Example 1 . Changing Standard Time to G.M.T.

Perth (Std time) = 9 p.m.
 Minus 8
 Thus G.M.T. 1 p.m.

Example 2 . Changing G.M.T. to True Local Time

Perth is 116 deg. East of Greenwich
 Thus 116 X 4 mins = $\frac{7 \text{ hrs } 44 \text{ mins}}{1 \text{ pm}}$
 Thus G.M.T
 Plus $\frac{7.44}{8.44}$
 Thus True Local Time

Example 3. Change Std. Time to G.M.T. Washington (USA) 2nd Belt

Std time = 10 a.m.
 Plus 5 hrs.
 Thus G.M.T. 3 p.m.

Example 4. Change G.M.T. to TLT Washington (77 deg West of Greenwich)

Thus 77 X 4 mins = 5 hrs 8 mins
 Since G.M.T. = 3 p.m.
 minus 5.08
 Thus True Local Time 9.52 a.m.

Country	Differences fast or slow of Greenwich	Date Standardized
West Aus	8 hours fast Greenwich	1895
South Aus	9 ½ hours fast Greenwich	"
Eastern States	10 hours fast Greenwich	"
New Zealand	11 ½ hours fast Greenwich	"
Great Brit	0 hours fast or slow	1848
Ireland	0 hrs 25 mins 21 secs fast of G	"
France	9 hrs 9 mins 21 secs fast of G	
Spain	Std. Time for G	1901
Holland	"	
Belgium	"	1892
Italy	1 hour fast of G	1893
Switzerland	1 "	1894
Denmark	1 "	"
Norway	1 "	1895
Sweden	1 "	
Germany	1 "	1893
Austria	1 "	
Russia	2 hours 1 min. fast of G	1893
Bulgaria	2 hours fast of G	
Turkey	2 hours " " "	
Rumanian	2 hours " " "	
Mauritius	4 hours fast of G	1907
Seychelles	4 hours " " "	1906
India	5½ hours fast of G	1905
Burma	6½ hours fast of G	"
China (Shanghai)	8 hours fast of G	1903
Japan	9 hours " " "	1886
Africa (Egypt)	2 hours fast of G	1900
South Africa		
Natal	2 hours " " "	1895
Transvaal, Orange		
Cape Province	2 hours " " "	1903
<u>America divides into 5 Belts</u>		
1 st	(From East coast to 67½ deg W) 4 hours slow of G	1083
2 nd	(From 67½ deg. W to 82½ deg W) 5 hours slow of G	1083
3 rd	(From 82½ deg. W to 97½ deg W) 6 hours slow of G	1083

Serge Raynaud de la Ferrière

4 th	(From 97½ deg. W to 112½ deg W)	1083
	7 hours slow of G	
5 th	(From 112½ deg. W to West Cost)	1083
	8 hours slow of G	

Note: If working dates before the year given in last column, take "given Time" as true Local Time