

PATIO DE LA INFANTA

Zaragoza

Spain, Europa

Rosa M. Ros, Ederlinda Viñuales

International Astronomical Union

Technical University of Catalonia, Spain, Zaragoza University, Spain



El Patio de la Infanta

Palace built in the mid-sixteenth (completed in 1550) by Gabriel Zaporta for his wedding with Sabina Santángel. In the palace courtyard, the horoscope of the wedding date, June 3, 1549 at 7 pm, is represented.





El Sol

Sun



Mercurio

Mercury



Venus

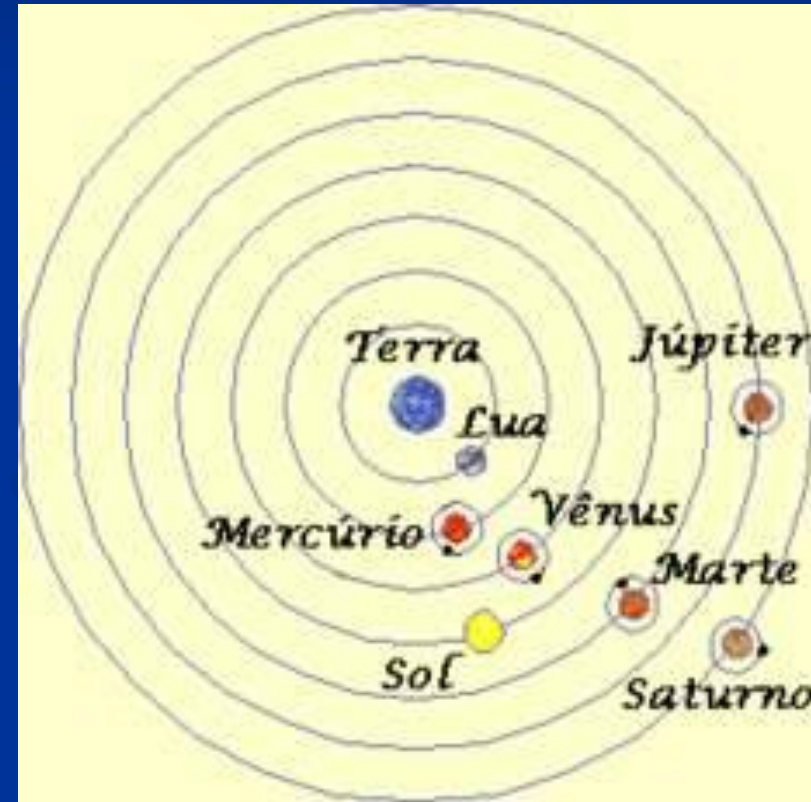
Venus

The 8 columns in the courtyard represent "the 7 planets (Sun, Moon and the 5 visible to the naked eye)" plus 1 extra column. In the decoration of the railing are the 12 works of Hercules that correspond to the signs of the zodiac



1549, geocentrism had not yet been overcome and there was no clear line separating Astronomy from Astrology.

With the geocentric model from the interior to the exterior, the planets seen from Earth were located: Moon, Mercury, Venus, Sun, Mars, Jupiter and Saturn, in total 7, but in the courtyard there are 8 columns for the design of the courtyard



Hercules is considered the Sun and his works are assimilated to the twelve signs of the Zodiac.



On the sill there are 4 medallions and at each end a scene from a work of Hercules or an allegory. The footings of the central columns symbolize a zodiac sign (fire, earth, air, water)⁶

Some works of Hercules and allegories place the zodiac



Scorpio



Unicorn = earth = Virgo

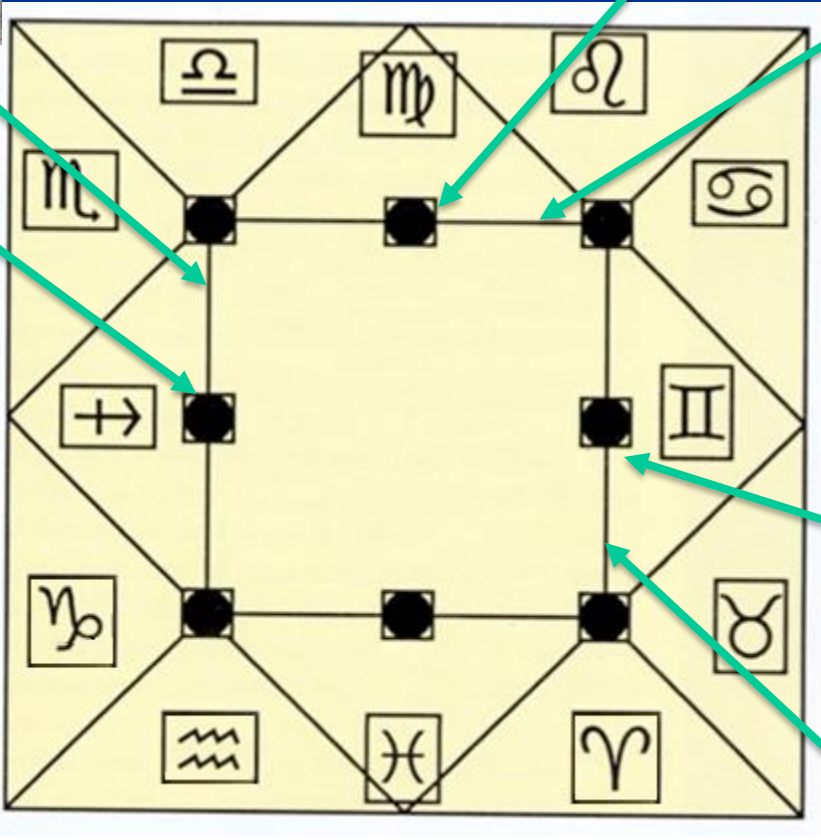


Leo

Eagle = air = Gemini



Taurus



Lion = fire = Sagittarius

Horoscope for June 3, 1549 at 7 p.m.

Carta natal

Patio de la Infanta

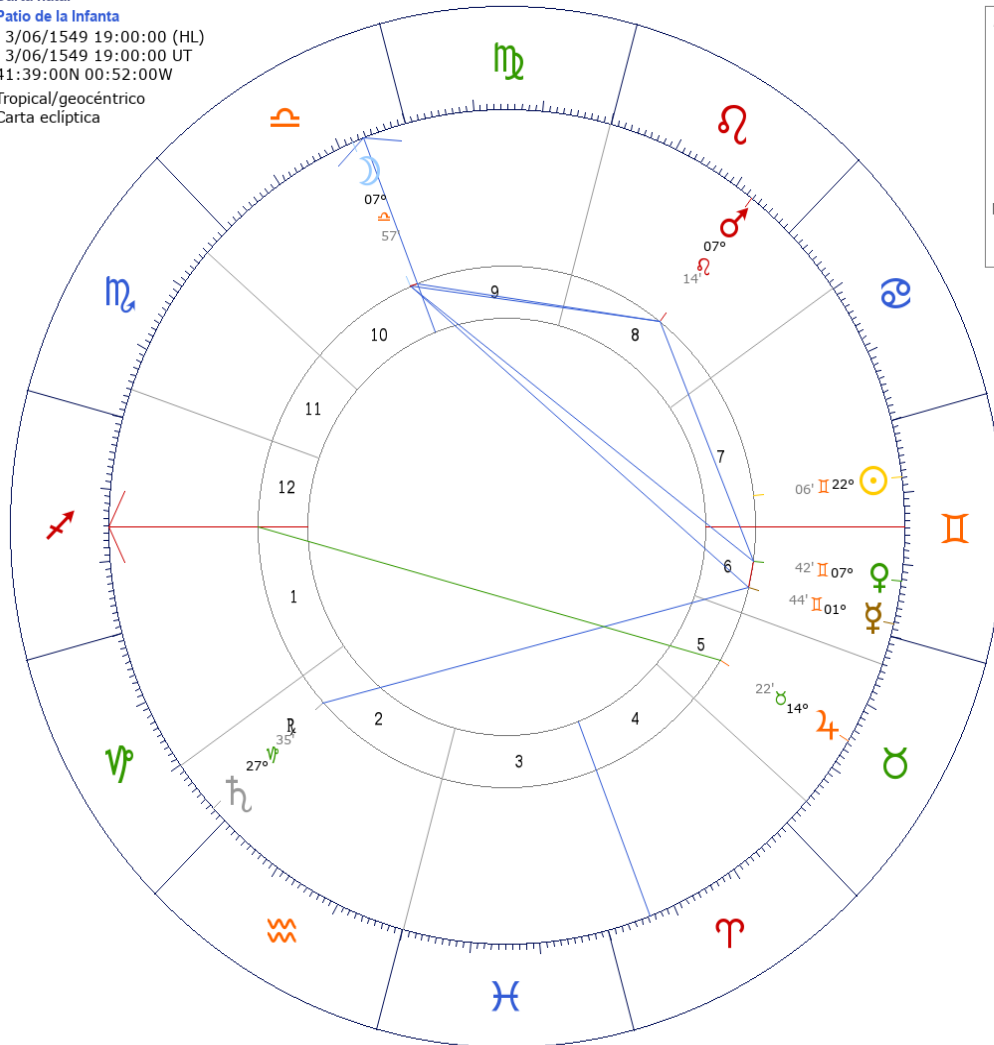
3/06/1549 19:00:00 (HL)

3/06/1549 19:00:00 UT

41:39:00N 00:52:00W

Tropical/geocéntrico

Carta eclíptica



AC 15°12'
 2 20°03'
 3 00°12'
 4 06°15'
 5 04°05'
 6 25°59'
 7 15°12'
 8 20°03'
 9 00°12'
 MC 06°15'
 11 04°05'
 12 25°59'

	Sun
	Moon
	Mercury
	Venus
	Mars
	Jupiter
	Saturn

	Aries
	Taurus
	Gemini
	Cancer
	Leo
	Virgo
	Libra
	Scorpio
	Sagittarius
	Capricorn
	Aquarius
	Pisces

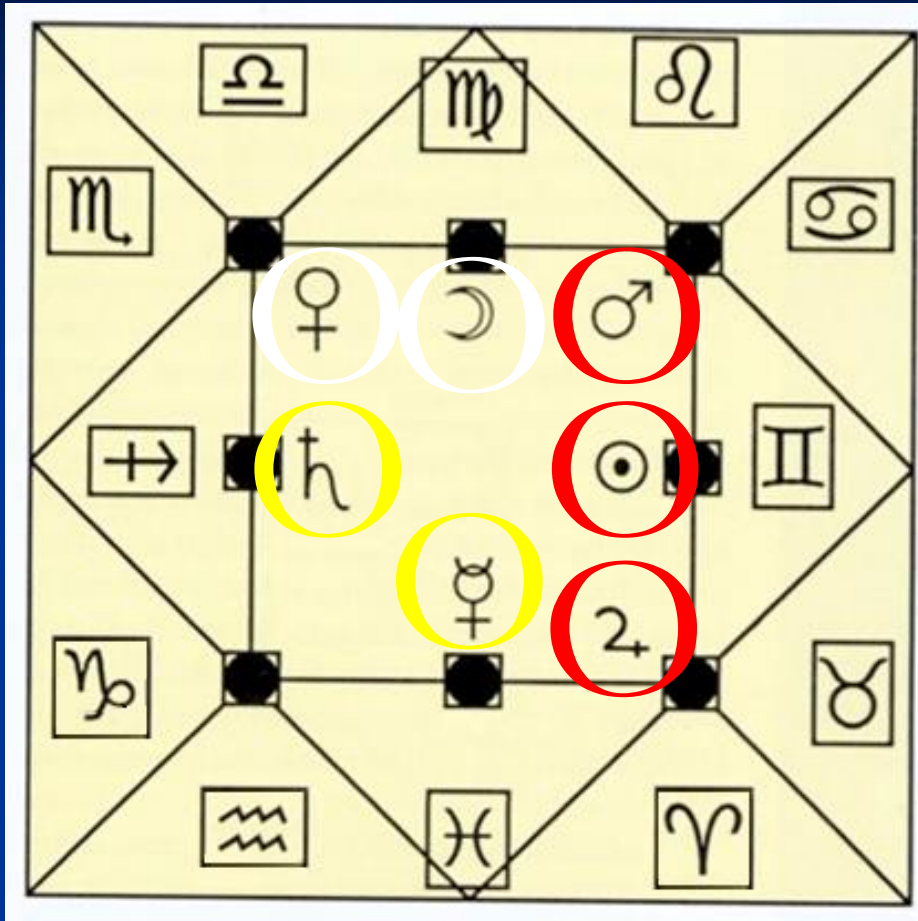
Sun - Gemini
 Moon - Libra

Mercury - Gemini
 Venus - Gemini

Mars - Leo
 Jupiter - Taurus
 Saturn - Capricorn



Horoscope in the patio for June 3, 1549 at 7 pm



earth = Taurus, Virgo, Capricorn
air = Gemini, Libra, Aquarius
fire = Aries, Leo, Sagittarius
water = Cancer, Scorpio, Pisces

Sun - Gemini

Moon – Libra (air)

– Virgo (next to)

Mercury – Gemini (air)

- Aquarius (air)

- **Piscis (next to)**

Venus – Gemini (air)

- Libra (air)

Mars – Leo

Jupiter – Taurus

Saturn – Capricorn (earth)

- **Sagittarius (next to)**



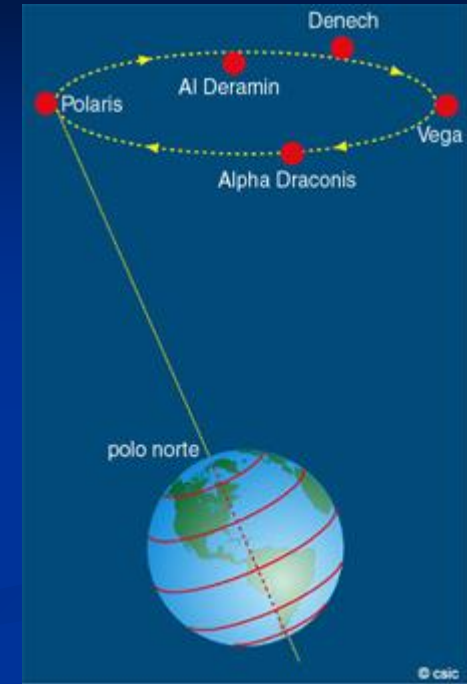
June 3, 1549 at 19h

Horoscope

Sol - Gemini
Moon – Libra
Mercury – Gemini
Venus – Gemini
Mars – Leo
Jupiter – Taurus
Saturn - Capricorn

Stellarium

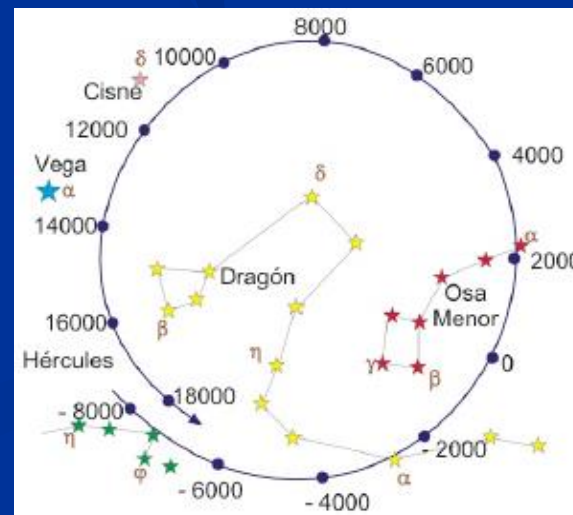
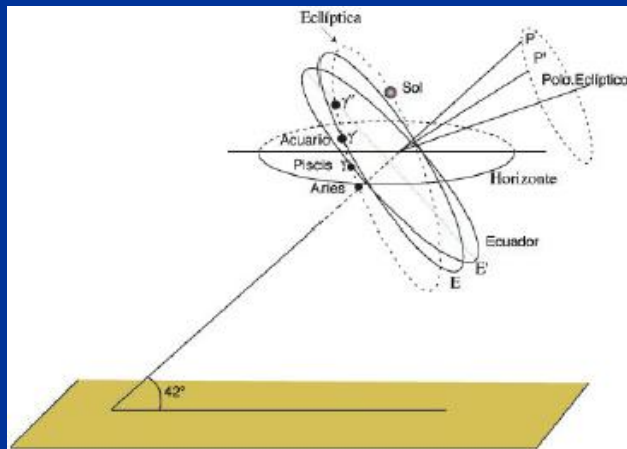
Sun - Taurus
Moon – Virgo
Mercury – Taurus
Venus – Taurus
Mars – Cancer
Jupiter – Aries
Saturn – Aquarius

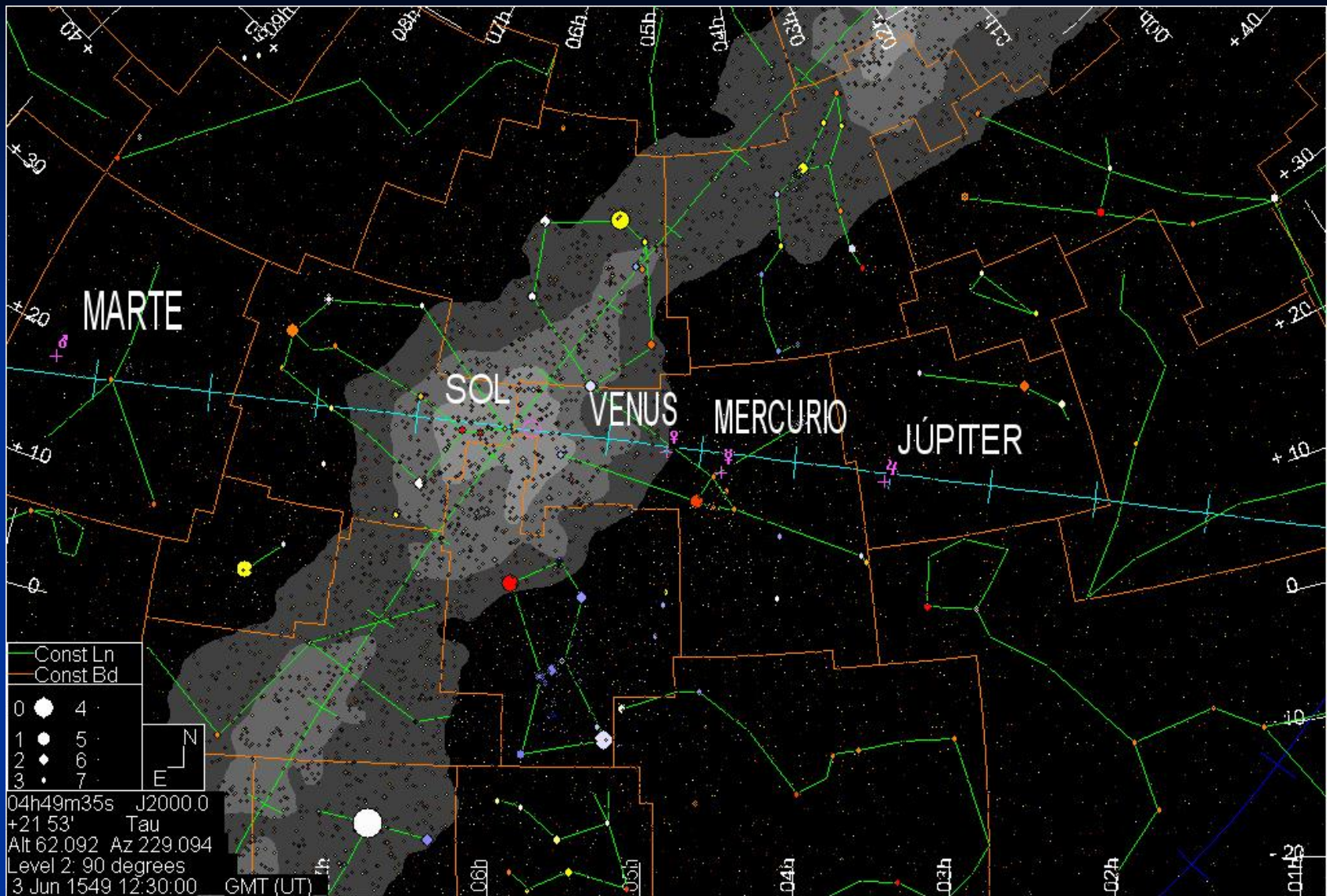


Due to the Precession of the Equinoxes, the point of intersection between the equator and the ecliptic, also called the Aries point (being in this constellation in the past) has been moved to the Pisces constellation, for this reason the Stellarium gives the position of the planets in a constellation before.



Precession movement of the earth rotation axis (change of direction of the axis describing a circumference as a spinning top) takes place $50.29''/\text{year}$ (it turns in 25776 years). The celestial equator also wobbles and the moment of intersection between the ecliptic and the equator (at the equinox) varies, it is the so-called precession of the equinoxes. Hipparchus of Nicea observes it between 147 and 127 B.C., this is about 2000 years ago. At that time this point named as Aries point (because it is in that constellation), but it has been moved to the Pisces constellation. The pole is changing too, for example, now he was in the Polaris star of the Little Dipper and 2000 years ago he was Thuban in the constellation Dragon.





Mars in Cancer, Sun, Venus and Mercury in Taurus, Jupiter in Aries

Many Thanks
for your attention !

