



# The Colorpsychology of the Zodiac

by Vitaly Vetash & Semira <http://astrologer.ru/article/color.html.en>

Considering different descriptions of Zodiac types, a modern astrologer often finds a correlation of the Zodiacal signs with different colors. And in the most of cases this information seems to be only an occasional descriptive characteristic of the sign and is not seriously used in astrological practice. But every color has its own psychological meaning and a certain influence on our psyche; and for a medieval astrologer the search of such analogies between the material and spiritual realms was a necessary instrument of work with the human soul, the base of magic procedures and a key to the mysteries of the world.

Now the need of reconstructing of the vivid plenty of images in astrology requires a serious analysis of immediate perception traditions, and here the help of achievements of colorpsychology, a modern science, is possible. The immediate influence of the color on human psyche is one of the simplest means permitting us to understand and depict unconscious processes.

In different descriptions there occur divergences in color interpretation of the signs and the planets. But the obvious divergences often turn out not to be contradictory when we compare the systems in which the interpretation is made. That is why for a correct correlation of the color and the sign, it's important to consider mutual correlations of colors in the system of the whole Zodiacal cycle. Likewise, when one color is assigned to different planets or signs, we should find a common characteristic between them that reflects this color - and for a more strict definition, associate the color with the sign that manifests the quality of the color brighter.

For example, the violet in different descriptions is assigned to Gemini, Sagittarius, Virgo, and Pisces. That color reflects the quality of changeability and duality, speaking in the astrological language - mutability, which is a common feature of these signs. But considering the characteristics of violet in full: mysticism, gloom, sinking into the depth, hypnotism - we can define it as the main color of Pisces and Neptune.

Making a strict correlation between signs and colors, we tried to find the dominating color of a sign in the system of psychological correlations in Zodiac. In the description the psychological and physical characteristic of a color is followed by the corresponding sign, planet and house, in conclusion.

## THE MAIN COLOR OF THE ZODIAC SIGNS

**SCARLET-RED** - evokes the state of activity, aggressiveness, excitement, boldness, frankness and delight, that is the impulse of energy, heat, and ardor. It is the most intensive (the most chromatic) color, irritating physically, masculine, powerful and rude, choleric, it percepts like same thing present in time. In the day light it is the brightest of the colors, but it becomes less distinctive in the twilight - its power doesn't spread to the quiet and soft nocturnal world. This color corresponds to the active triangular form and anything with the red surface seems sharp and dynamic.

**ARIES, MARS, 1st HOUSE**

**YELLOW-GREEN** - liberates and renews feelings, fascinates by softness and calm, evokes the impression of nature, emotional satisfaction and peace, pleasure and charm, enchantment and affection. Green is defensive and cautious, weakening and static, a feminine color of passiveness and peace, wisdom of nature, eternal life and hope. It has the passive and harmonic oval form.

**TAURUS, VENUS, 2nd HOUSE**

**ORANGE-YELLOW** - emancipates, predisposes to contacts, interaction, intensive search and vividness. Yellow is the most open, youthful, joyful and slight color, directed to the future, sociable and restless, eccentric and quick. It demolishes the limitations and runs out of any form, makes distances shorter and approaches things: when painted in yellow, they, reflecting the light well, attract our

attention. Yellow can correspond to the form of a six-ray star, running out in the sides.

### **GEMINI, MERCURY, 3rd HOUSE**

**LIGHT EMERALD** - called "lunic" in the Orient - the color of perception and intuition, dismissal and isolation, inner emotionality, changeability and freshness, ideal femininity. That tinge of green, in comparison with the green color of Taurus, is more slender and cool, compliant but hidden, emotionally instable, sad, inwardly mobile, outwardly inert, strange and dreamy. It reflects the feeling of vulnerability, apprehension, in the twilight it becomes lighter and luminiscent, in the day light it grows dim and dark. The color has the feminine form of the long oval.

### **CANCER, MOON, 4th HOUSE**

**RICH ORANGE** - stimulates, strengthens, fills with force and health, gives the impression of the constant flow of energy. Orange is the hottest, widest and the most pleasant and positive color, reflecting the balance of will and possibility, consciousness, ripeness, abundance, happiness and sexuality. It ensures, supports, and evokes appetite, awakes, but not excites, and tends to embrace space. Orange corresponds to the form of the wide rhombus that joins the diversity of yellow and the strength of red.

### **LEO, SUN, 5th HOUSE**

**GREY** - restrains, neutralizes, analyzes, and distributes. It is the color of modesty, renunciation, accuracy and mentality. As a merger of white and black, it joins the oppositions and can approach extremities. It is the least "colorful" (chromatic) color, including all the colors in the integral form. Associated with rationalism and control, this color seems to abdicate from the vivid shine of the others. There is some devotion in it, but also some wreckness and cynicism of a ruthless analysis, capability to sharp changes and at the same time, flexibility, adaptability and practicability: it is difficult to obscure the color. It corresponds to the rational rectangular form.

### **VIRGO, CERES, 6th HOUSE**

**LIGHT-LEMON** - the most slender, tender and uncertain color, tends to merge with white that is the balance of all the colors. There is some artificiality, piquancy, weakness and indecisiveness in it. At the same time, it is light, cautious, changeable, and attractive. It tunes on aesthetic perception and sympathy, and consoles. This tinge is less intensive, than the bright yellow color of Gemini, more static, modest and harmonic. It orients to the mold contact but also evokes the feeling of insecurity and unreliability, concealed ruse, and treason. This color has the form of a long hexagon (with concave sides), it reflects the light well, diminishing its intensity a little.

### **LIBRA, CHIRON, 7th HOUSE**

**DARK RED** - the color of emotional saturation, passion, power, suppression, demand, sublimated activity, suffering, threat and strained temper. It is erotic and evokes instincts. In contrast to the red of Aries, this darker tinge of red is less open, more secret, not positive and tense: there is some concealment and hardness in it, because of its saturation, it causes more emotional than physical excitement, as red of Aries. This color correlates with the form of the triangle, the top below and the upper side round, like the heart.

### **SCORPIO, PLUTO, 8th HOUSE**

**ULTRAMARINE BLUE** - the most transcendent, spiritual color of the dark sky with stars and space, directs into infinity, gives inner assurance, interest in the mundane experience, the color of faith and religion, tradition, loyalty, integrity, uprightness, and upper harmony, fascination by the sublime. According the statistics, blue is the most preferable color that points to its "leadership" and "authority" between the other colors. Blue has the form of the ideal circle, inspiring the feeling of inner support and solemnity.

### **SAGITTARIUS, JUPITER, 9th HOUSE**

**BROWN-BLACK** - the hard color of matter, reality and affinity, conservatism, stability, concentration, work, demands, principles, silence and ambitions. Black is the most concentrating and the hardest color - the color of protest, judgement, renunciation and isolation, time and death as absolute finality. It does not reflect the light and creates the feeling of hardness, seriousness, pessimism, compression, and darkness. It corresponds to the restricted and closed, the stable form of the square.

**CAPRICORN, SATURN, 10th HOUSE**

**LIGHT BLUE** - inspires the sense of infinite perspective, enlarges the space and manifests the subconscious, makes the impression of clarity, affection, friendship, separates from the reality, tunes on dreams, endeavor of supernatural and carelessness. Blue is the color of thought and fantasy, born from physical passivity, it is the most distant and cold color, with remotest contours of things, tuning on renovation and travelling. It has the form of circle, widening and dissolving into space.

**AQUARIUS, URANUS, 11th HOUSE**

**LILAC-VIOLET** - the unstable color of inner contradictions and gloom, mystery, melancholy, alien influences, repentance and patience, sanctity. Violet is the deep color of fascination, magic, supernatural, mystic and mysterious, incomprehensible, it has the deep and even suppressing influence on the psyche, intoxicating the mind, hypnotic and meditative. It has the circle form with wavy contour.

**PISCES, NEPTUNE, 12th HOUSE**

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The signs of the Zodiac have the most widespread characteristics of astrological notions, and that is why for their description the whole gammas of colors occur. Below for a more concrete depiction of signs, the combinations of colors are given below. They can characterize decanates of the sign but also relate to the sign as a whole. We can determine the color combination of the decanate through its psychological particularity. At first the short characteristic of the decade is given, then the colorpsychological meaning of the corresponding combination.

### **ARIES**

1 DECANATE. The first impulse of the new, weak but bold, breaks the fetters of the past, overcoming the obstacles.

*Deep red and white* - the birth of impulse, awakening of energy, revival, passion and purity.

2 DECANATE. The impulse grows and affirms its will.

*Red and light yellow* - energy and warmth, positiveness, light and joy.

3 DECANATE. The impulse deepens into matter, meets resistance and the intercourse begins.

*Scarlet and turquoise* - emotional excitement, amorousness, and inspiration of life.

### **TAURUS**

1 DECANATE. The call of the spring nature stimulates the revelation of the sensual world.

*Yellow-green with the deep blue* - emotional sensitivity, changeability of feelings, impressions and desires.

2 DECANATE. The stream of emotions is calmed down by nature's comforting presence.

*Salad-green with beige-pink* - soft excitement, natural comfort and calm possession.

3 DECANATE. Peaceful wisdom of material experience imparts understanding, desires and points a way to realizations.

*Light green with brown* - reminds of the natural combination of verdures and the soil, making impression of inner peace, persistence and security, construction in the natural rhythm.

### **GEMINI**

1 DECANATE. Mental imagination observes different possibilities.

*Lemon-yellow with grey-lilac* - intellectual inspiration, duality, unstable connection, changeability of thought.

2 DECANATE. Comparison and controversy establishes the logical connection.

**Light-orange and grey-blue** - rational polarization, ties and their logical reflection.

3 DECANATE. Information derived from the whole creates a harmonic interaction of the parts.

**Yellow and grey** - tunes on curiosity, contact and gives the sense of participation and flexibility through the practical application of ideas.

## CANCER

1 DECANATE. Intimacy turns to the inner source of senses.

**Turquoise-green with lilac-pink** - unstable feelings, inner vibration, sentimentality, need to connect with the external support.

2 DECANATE. The aim toward manifestation makes a stable mechanism of switching from the inner reception to the outer.

**Light-emerald with deep-blue** - flexibility, slender perceptivity, moderation, fantasy, but also dismissal and hidden dissatisfaction.

3 DECANATE. Genuine imagination flows into the spontaneous reality.

**Green and white** - purity and freshness of emotions, contemplation and eternal hope.

## LEO

1 DECANATE. The personal will operates energy, presenting proud consciousness of the individual ego.

**Orange with brown** - heat, energy and mass, steady rush, pressure of will.

2 DECANATE. Plenty of being leads to material and spiritual abundance.

**Dark-yellow with purple** - creates the impression of solemnity, abundance and dignity, nobility and triumph, spiritualization of matter.

3 DECANATE. The energy of personal will is realized in the power and self-devotion of the leader.

**Beige with dark-red** - the strain between material comfort and the force of passion, struggle and joining with multitudinal, tangible, notable power.

## VIRGO

1 DECANATE. Constant work conserves energy in a dynamic balance.

**Khaki with light brown** - keeps the feeling of heat passing away, dryness, security and comfort, natural pragmatism and order.

2 DECANATE. The structural organization of the whole controls natural processes.

**Lilac-grey with dark green** - analysis and connection, economy of energy, passivity, restriction and hidden pretence.

3 DECANATE. Neutralization of the personal in favour of perfect service.

**Light-grey with dark blue** - accuracy and precision, mentality, neutrality, industry, impersonality and emotional indifference.

## LIBRA

1 DECANATE. Sympathy for the partner helps the mutual understanding.

**Light lemon with pink** - causes sympathy, delight, affection and charm, amiability, but little indecisiveness.

2 DECANATE. Definition of measure leads to the establishment of harmony and balance.

**Beige with sapphire-blue** - balance of the distant and the near, the spiritual and the material, perceptiveness of thought and comfort of the body, toleration.

3 DECANATE. Delicate understanding of the relationship as the analogue of higher spiritual laws.

**Lemon-yellow with turquoise-green** - makes the impression of politeness, attentiveness, quiet optimism, humor and vivid changes.

## SCORPIO

1 DECANATE. Exactingness toward oneself and the world in the pursuit of truth.

**Red with dark grey** - suppresses feelings and creates the impression of a hidden force, concealed threat and danger, rigid analysis and vindictiveness.

2 DECANATE. Deep consciousness of hidden processes gives power over them.

**Dark red with pale green** - creates feeling of mysterious twinkle, extraction, concealed passion, the integration of inner life-asserting forces with surface inertia.

3 DECANATE. Intense sensitivity penetrates mysteries of life and death.

**Deep pink with dark emerald** - reflects refined sensitivity and hidden strain, emotional demand and insight, temptation.

## SAGITTARIUS

1 DECANATE. Activity of the mind recognizes dynamic forces ruling the world.

**Blue with dark scarlet** - dynamic connection of controversies, comparison and sharp manifestation of different forces, unity of power and sublimity.

2 DECANATE. Succession of traditions manifests the spiritual richness of the world.

**Violet with turquoise-blue** - makes the impression of the cosmic light radiating from the depth, the connection between the secret and the manifest, represents idealistic romantics.

3 DECANATE. Ideology and ritual consolidate the objectivity of recognized truths.

**Ultramarine with purple** - symbolizes firm authority, substantial and sublime, pretence and dogmatism, magic ritual, spiritual dedication.

## CAPRICORN

1 DECANATE. Basing on a solid foundation helps to consolidate the personal understanding of predestination.

**Black with grey-blue** - the combination focuses on restriction and responsibility, discipline and regimentation, limiting the perspective.

2 DECANATE. Persistence directed toward an aim overcomes obstacles.

**Dark-brown with white** - expresses powerful and obstinate pressure, slow and definite advance, demands and heaviness.

3 DECANATE. The goal achieved is transformed into material results.

**Black with beige** - gives the sense of reality, substantiality of matter, firmness, definiteness.

## AQUARIUS

1 DECANATE. The freedom of creativity broadens the horizons of the world.

**Radiant blue with light-yellow** - makes sense of openness, light, spontaneous perception and creativity, clarity of mind, liberation from everyday problems.

2 DECANATE. The beam of intuition reaching everywhere explores the unknown.

**Deep-blue with white** - opens the perspective, reflects distance and coldness, light and purity, dream and renewal.

3 DECANATE. Removal the illusion of an ideal separates from reality.

**Blue with light-lilac** - expresses illusions and doubt regarding manifest reality, melancholy, sexlessness, utopian states.

## PISCES

1 DECANATE. Acceptance of the will of fate gives birth to mystical inspiration.

**Violet with white** - gives the impression of sinking into the depth, humility, repentance and purification, absolutism and fatalism, symbolizes the eternity.

2 DECANATE. Cosmic vibrations penetrate the living tissues of the word.

**Dark green with light lilac** - evokes the feeling of hesitation, deep influences, inertness, swings from unity to distraction.

3 DECANATE. Inner resonance of the soul with the Universe promotes its selfmanifestation.

**Violet-blue with red-lilac** - has hypnotic suggestion, intoxicates, inspires, causes emotional excitement,

reflects transformation through and inner to outer transformation and back again.

Man's eye distinguishes over 700 nuances of color. Certainly not all the combinations were included in the characteristic of the decanates. Only pairs of color describing the signs as a whole were elected. Theoretically, we could assign to the different pieces of the Zodiac all the Plenty of color tinges. But our eyes detach not all the tinge as equivalent - as we use not all the sound in the speech: any language has a definite set on vowels and consonants. So in the system the accent is made to the most independent tinges of color and their meanings in the combination, permitting to define the distance needed to distinguish between the colors correlated closely.

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The definition of the color correlations to the signs of the Zodiac (and also to the planets and the houses) gives the opportunity to design the **color-horoscope** of the individual. It will include colors of the signs in the inner circle, colors of houses in the outer, and the spots of planets on the circumference. The chart influences to the subconscious, creating along with the mental analysis the wholeness of perception. It also can be the base for creating the artificial image of a person. For people inclined to develop and use the extrasensory capabilities, it gives the possibility to work with the chart through the color vibration.

The wider practical application of color in the connection with the horoscope will evidently show the future of colortherapy.

Some words about the interpretation of aspects in the colorhoroscope. Aspects can be regarded as the combinations of colors with the different intensity, that makes dynamic influence on the psyche. According this, an aspect of conjunction adds brightness to the colors, an opposition makes them more pastel, a trigon softens the contrast between them, a square intensifies it, a sextile makes the tinges of the colors closer (for example sextile of red Mars and blue Jupiter is regarded as the combination of orange-red with blue-green).

The work with the parameters describing the static picture of the horoscope is more simple. The colorhoroscope helps to manifest the psychological characteristic of planet through the color background of it's position in the sign and the house.

Using the color combinations for finding and rectification of the Ascendent also gives good results. It is noticed that people usually prefer and recognize themselves in the colors of the decades where are the Sun, Moon and the Ascendent.

To awake our subconscious apprehension is one of the tasks of astrology, the using of the color analogies promotes it. But it is important that the search for such analogies was not only intuitive and occasional: only a developed theory gives a good practical application.

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The most of astrologers aren't used to operate with colors in the practice, and the simple approximate method to find the person's color combination according to the horoscope is suggested below. Besides the sign of Zodiac, where the Sun is, you need to define the second most important accent of the horoscope (that may be the strongest planet of the chart, or the sign of which it rules: the second accent should be found when regarding the picture at whole). In the table you can find colors characterizing a person, according to the sign and the second accent of a horoscope denoted by the planet.

| <b>second accent</b> | <b>colors of ARIES</b> | <b>colors of TAURUS</b> |
|----------------------|------------------------|-------------------------|
| Mars                 | bright red             | red-ruddy with green    |
| Venus                | red with yellow-green  | yellow-green, salad     |
| Mercury              | scarlet with lemon     | straw-yellow with green |

|                      |                                      |                                   |
|----------------------|--------------------------------------|-----------------------------------|
| Moon                 | pink-red with turquoise              | light green, turquoise            |
| Sun                  | red and yellow, bright orange        | bright yellow with brown, saffron |
| Ceres                | red and grey, silvery                | green and khaki                   |
| Chiron               | brick-red with straw-yellow          | pink and turquoise, beige         |
| Pluto                | dark red, ruby                       | green with crimson                |
| Jupiter              | red with blue, purple                | blue with brown, crimson          |
| Saturn               | brown-red                            | dark green and brown              |
| Uranus               | scarlet with white                   | blue with yellow                  |
| Neptune              | dark red with lilac                  | blue-lilac with green             |
| <b>accent planet</b> | <b>colors of GEMINI</b>              | <b>colors of CANCER</b>           |
| Mars                 | scarlet with grey                    | pink-scarlet with blue            |
| Venus                | beige, dark-yellow                   | green with light blue             |
| Mercury              | lemon with grey                      | lilac with lemon                  |
| Moon                 | lemon-green                          | light emerald                     |
| Sun                  | yellow-orange                        | white with pink, pale-orange      |
| Ceres                | lilac-grey and straw-yellow          | light green and silvery           |
| Chiron               | beige and lemon                      | turquoise with pale-yellow        |
| Pluto                | grey with bright pink,               | lilac with emerald                |
| Jupiter              | yellow with blue                     | azure-blue                        |
| Saturn               | yellow with black, grey              | dark emerald                      |
| Uranus               | light-orange with light-blue         | light-lilac and light blue        |
| Neptune              | grey-lilac and violet                | violet and white                  |
| <b>accent planet</b> | <b>colors of LEO</b>                 | <b>colors of VIRGO</b>            |
| Mars                 | red-orange, scarlet                  | grey with dark red                |
| Venus                | saffron-yellow                       | green and khaki                   |
| Mercury              | light orange and straw-yellow        | light grey with lemon             |
| Moon                 | light-golden with pink, light-yellow | light green and silvery           |
| Sun                  | golden and orange                    | brick-red and beige               |
| Ceres                | yellow with grey, light brown        | grey and silvery-green            |
| Chiron               | golden and beige                     | lemon-green and beige             |
| Pluto                | ruby and dark ruddy                  | blue-green and dark grey          |
| Jupiter              | purple with yellow                   | dark azure and silvery-blue       |

|                      |   |                                  |
|----------------------|---|----------------------------------|
| Saturn               | brown and bronze                        | brown and dark grey              |
| Uranus               | white and yellow, light orange          | dark blue with white, light grey |
| Neptune              | coffee-brown with lilac                 | grey-lilac with green            |
| <b>accent planet</b> | <b>colors of LIBRA</b>                  | <b>colors of SCORPIO</b>         |
| Mars                 | scarlet with yellow, light brick-red    | red with grey, dark pink         |
| Venus                | yellow with green                       | pink with brown-green            |
| Mercury              | straw-yellow with light grey-lilac      | grey with pink, grey-emerald     |
| Moon                 | turquoise and pale pink                 | pale green and lilac             |
| Sun                  | orange with white                       | dark ruddy and ruby              |
| Ceres                | ochre and khaki                         | silvery green and dark grey      |
| Chiron               | lemon-green and beige                   | sorrel with pale green, pink     |
| Pluto                | pink with green, sorrel                 | deep red with green              |
| Jupiter              | blue with beige                         | dark scarlet with deep turquoise |
| Saturn               | light-brown, sand                       | black and dark green             |
| Uranus               | lemon with blue                         | pale orange with dark blue       |
| Neptune              | light lilac with pale brown, soft green | emerald with deep lilac          |
| <b>accent planet</b> | <b>colors of SAGITTARIUS</b>            | <b>colors of CAPRICORN</b>       |
| Mars                 | red with blue, bright scarlet           | red-brown                        |
| Venus                | crimson with green                      | brown with green                 |
| Mercury              | grey-lilac and light blue               | lemon and black, ochre           |
| Moon                 | turquoise and azure                     | green and grey-lilac             |
| Sun                  | purple with saffron                     | brown and white, dark ruby       |
| Ceres                | silvery and grey-blue                   | steel-grey                       |
| Chiron               | royal blue with beige                   | beige, coffee-brown              |
| Pluto                | ruby with turquoise                     | black with ruby, deep green      |
| Jupiter              | bright blue and purple                  | brown with blue, deep blue       |
| Saturn               | ultramarine and dark ruby               | black and dark brown             |
| Uranus               | sky-blue                                | grey-blue                        |
| Neptune              | crimson-violet                          | dark-violet and black            |
| <b>accent planet</b> | <b>colors of AQUARIUS</b>               | <b>colors of PISCES</b>          |
| Mars                 | scarlet with white, light orange        | red-lilac                        |
| Venus                | turquoise with yellow                   | turquoise and brown-green        |

|         |                                    |                                 |
|---------|------------------------------------|---------------------------------|
| Mercury | lemon with grey-lilac              | grey-lilac                      |
| Moon    | lilac and pale blue                | light emerald and pale lilac    |
| Sun     | orange with white, yellow          | bright lilac with yellow, white |
| Ceres   | grey-blue and light grey, silvery  | blue-green and grey-blue        |
| Chiron  | straw-yellow with blue             | soft green and coffee brown     |
| Pluto   | orange with azure, deep blue-green | dark lilac with deep emerald    |
| Jupiter | deep-blue white light blue         | crimson with blue, ultramarine  |
| Saturn  | dark grey and light brown          | deep violet and deep green      |
| Uranus  | white with blue                    | lilac with blue                 |
| Neptune | lilac and light violet             | violet and dim emerald          |

## Reconstruction Of Major Egyptian Years

by Albert Timashev

Many fundamental techniques and methods of the true, ancient astrology are generally unknown to the modern astrologers. These methods and techniques were lost as a result of scientific revolution of 17<sup>th</sup> century, the followed assertion that astrology is a pseudo-science and numerous unsuccessful attempts to squeeze an astrology into the new scientific paradigm.

One of such fundamental basis of an astrology is **the system of terms**--the division of an ecliptic onto 60 unequal sectors by 5 sectors per each sign of the zodiac--and **the major Egyptian years** directly following from terms, as it was supposed till now. The major years of the planets are: 57 years for Saturn, 66 years for Mars, 76 years for Mercury, 79 years for Jupiter and 82 years for Venus. These numbers (expressed in years) are the sums of the lengths of all terms (expressed in degrees of ecliptic) assigned to the corresponding planet. In the total these numbers give 360, as it should be.

The lord of the terms, the planet or sensitive point falls into, is considered as the limiting factor of manifestation of this planet or sensitive point. In this way, if the planet is in its own terms, it's like a man among his relatives--on the one hand he is surrounded by his people, but on the other hand certain restrictions and obligations are applied to him. Obviously, the position of the planet in the terms of another planet is like a man in someone else's family, that he is something obliged to.

The system of terms, in particular, was used by ancient Egyptian astrologers for determination of lifetime, and it was considered, that without knowing the exact lifetime, it is impossible to make any precise predictions.

The table of the Egyptian terms is given below.

|   |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|
| ♈ | 6 ♀ | 6 ♀ | 8 ♀ | 5 ♂ | 5 ♀ |
| ♉ | 8 ♀ | 6 ♀ | 8 ♀ | 5 ♀ | 3 ♂ |
| ♊ | 6 ♀ | 6 ♀ | 5 ♀ | 7 ♂ | 6 ♀ |
| ♋ | 7 ♂ | 6 ♀ | 6 ♀ | 7 ♀ | 4 ♀ |
| ♌ | 6 ♀ | 5 ♀ | 7 ♀ | 6 ♀ | 6 ♂ |

|   |      |      |     |     |     |
|---|------|------|-----|-----|-----|
| ♈ | 7 ♀  | 10 ♀ | 4 ♀ | 7 ♂ | 2 ♀ |
| ♉ | 6 ♀  | 8 ♀  | 7 ♀ | 7 ♀ | 2 ♂ |
| ♊ | 7 ♂  | 4 ♀  | 8 ♀ | 5 ♀ | 6 ♀ |
| ♋ | 12 ♀ | 5 ♀  | 4 ♀ | 5 ♀ | 4 ♂ |
| ♌ | 7 ♀  | 7 ♀  | 8 ♀ | 4 ♀ | 4 ♂ |
| ♍ | 7 ♀  | 6 ♀  | 7 ♀ | 5 ♂ | 5 ♀ |
| ♎ | 12 ♀ | 4 ♀  | 3 ♀ | 9 ♂ | 2 ♀ |

Let's explain this table: the first 6 degrees of Aries belong to Jupiter, following 6--from 7<sup>th</sup> till 12<sup>th</sup>-- to Venus and so on.

The rule of allocation of terms in signs of the zodiac, i.e. the rules of determination of their order and length in each sign, was lost a long time ago and is worth a special consideration. In this work we will concentrate on the first indispensable step to comprehension of the principle of the construction of the system of terms, namely on the definition of the major years for each of the five planets, or in other words on the calculation of total number of degrees, those should be assigned to each planet in its rulership.

The luminaries--Sun and Moon--were never participated in the rulership of terms and, following this logic, they have to had no major years as well. However, it appears, that, possibly, the later tradition has assigned the major years of 120 and 108 to them accordingly. These years were obtained by multiplication of fardars of the Sun and Moon (the origin of fardars is even more obscure, than the origin of terms)--10 and 9 years--on 12, i.e. on number of signs of the zodiac. That is an eclectic solution and, as we'll see later, has nothing to do with the principle of calculation of the major years of the planets.

### Prejudice Of Ptolemy

Today it's already became well-known, that Greek scientist Claudius Ptolemy was not a representative of a traditional Greek astrological school and, most likely, he was never the practicing astrologer at all. His work Tetrabiblos reflects his personal and sometimes disputable opinions on many questions.

The question of terms and the major Egyptian years is not the exclusion. Nevertheless, we should be very grateful to Ptolemy, that he as a true scientist, even when rejecting some views and theories, took an opportunity to briefly explain their basic ideas.

We read in the book I, chapter 20, "On terms": "Regarding some believable and rather smart statements about terms, those someone tries to state, namely the statement that years assigned to each planet by the tables of ascensions in all geographical zones in the total gives that number <of major years>, then it is false" (translation of the author). Here the tongue of Ptolemy is hazy, and his thoughts are not very clear. But the only rational interpretation of these words is that one needs to sum the times of rising of the signs ruled by one planet (expressed in degrees of right ascension), and the obtained total is the major years of a planet or a total length all of its terms.

It's absolutely obvious, what the total time of rising of 10 signs (from 12) belonging to 5 planets cannot be 360°. In order to satisfy this condition, it's necessary either to give the rulership over the signs of the Sun and Moon--Leo and Cancer--to one or two of the five planets, or to use not the 12 signs division of the zodiac, but 10 sectors division.

Also we must keep in mind that Greeks as the Egyptians and Babylonians have used the star, **sidereal zodiac**, unlike Ptolemy, who, according to the available sources, was the *first* Greek astrologer who used the tropical zodiac, and this confirms the reformative direction of his Tetrabiblos once more. In a classical Greek astrology of 1<sup>st</sup>-2<sup>nd</sup> century AD it was considered, that the point of a vernal equinox is

in the 8° of Aries. Regarding the coordinate of an equinox point in the earlier traditions, such as Egyptian and Babylonian, we may guess only and don't know anything for certain. However, without any doubt, the beginning of the zodiac to the first centuries AD inclusively was *never* identified with a point of a vernal equinox.

## Problem Formulation And Its Solution

### Input Data:

- five sums of rising times of the zodiac sectors assigned to each of the five planets
- the division of the zodiac onto 12 or 10 sectors; the correspondence of planets and sectors for duodecimal division is known, and the correspondence for the 10 sectors division is not known.

### It is required to find optimal:

- latitude of a place for calculation of rising time of the signs
- distance between the beginning of the zodiac and the vernal equinox point
- for 10-sectors division: a relationship between sectors and planets

The solution was carried out by a method of exhaustive search for latitudes in a range from 0° to 60° and for distance of a vernal equinox point from the beginnings of the zodiac in a range from -90° to +90° with step 1° for an approximate solution and 1' for the precise solution within the determined optimal interval.

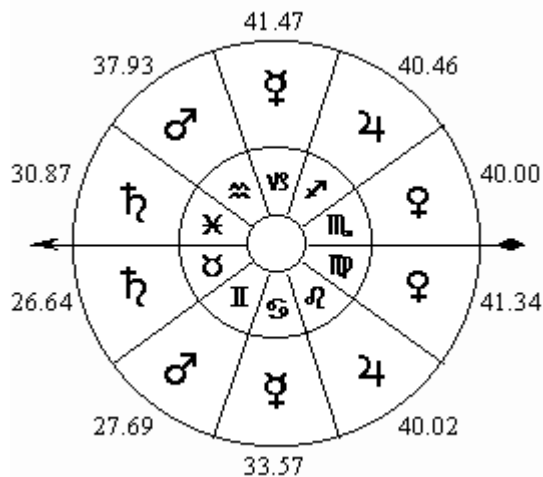
### Result of the solution:

For **12 sectors** the acceptable solution **does not exist**.

Actually, it's absolutely clear even without any complex calculations. If we assume, that two of five planets obtain their years by the way of addition of rising times of not two, but three signs, it can be Venus and Jupiter only, because they have maximal values of major Egyptian years. In the standard rulerships Jupiter is placed between Saturn and Mars, therefore its major years obtained by addition of rising time of the signs of its rulership will be approximately equal to a half-sum of Saturn and Mars major years, that is 61.5. For Venus the similar half-sum of years of Mars and Mercury is 71. In this case the missing years for Jupiter are  $79 - 61.5 = 17.5$ , and for Venus the missing years are  $82 - 71 = 11$ . The obtained values--17.5 and 11--cannot be equal to rising time of Leo and Cancer at latitudes of Egypt and Mesopotamia *in any way*. Thus it's absolutely clear, that the major Egyptian years *cannot* be obtained by combination of rising times of the 12 signs.

For **10 sectors** there is an optimal solution:

- 25°10' of northern latitude
- distance of vernal equinox point from the beginning of the sidereal zodiac -- 29°02'
- rulership:
  - Saturn rules 1<sup>st</sup> and 10<sup>th</sup> sectors and obtains 57.51 years
  - Mars--2<sup>nd</sup> and 9<sup>th</sup>--65.62 years
  - Mercury--3<sup>rd</sup> and 8<sup>th</sup>--75.04 years
  - Jupiter--4<sup>th</sup> and 7<sup>th</sup>--80.48 years
  - Venus--5<sup>th</sup> and 6<sup>th</sup>--81.35 years



- mean square deviation of the retrieved solution from the major Egyptian years = 1.98 years.

### The Analysis Of Results

The mean square deviation of the calculated years from the settled by the ancient Egyptian astronomers is found within the tolerance of the error of the ancient methods of determination of rising time of the sectors on ecliptic.

It's easy to see, that the latitude retrieved from our solution differs from latitude of Thebes 25N40--an ancient capital of Egypt--by half-degree only.

If we take, that in 1<sup>st</sup> century BC -- 1<sup>st</sup> century AD the vernal equinox point was in 8° Aries, than the retrieved coordinate of the vernal equinox corresponds to approximately 17<sup>th</sup>-15<sup>th</sup> centuries BC.

Thus, we obtain the dating and precise geographical place of fixation of the Egyptian system of terms, passed to us through the Greeks: **Thebes, Egypt, 17<sup>th</sup>-15<sup>th</sup> centuries BC.**

It's known from historically reliable sources, that in middle of the 2<sup>nd</sup> millennium BC the system of decanes (36 stars, later simplified to 36 equal sectors of ecliptic 10° each) was already developed in Egypt, and in Mesopotamia the collecting of a major series of omens Enuma Anu Enlil has already began.

Certainly, the dating the system of major Egyptian years by middle of the 2<sup>nd</sup> millennium BC arouses some doubts, because the known historical information tells us, that the astrology as system of knowledge was developed only in middle of the 1<sup>st</sup> millennium BC. However, we should not reject with a rush a possibility of existence of much more ancient astrological tradition, than it is known to us nowadays in conformity with archaeological discoveries.

Besides it is possible, that the Egyptians and Greeks used different points of the beginning of the sidereal zodiac. Then our dating can differ from the real time of fixation of the major years by a few centuries at least.

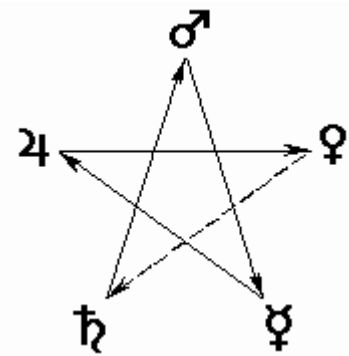
As for the 10-sectors division, it's known, that in ancient times there were no constellations of Aries and Libra: Libra was called Claws of Scorpio and was considered as part of a constellation of Scorpio, and Aries was not recognized as constellation too and was a part of constellations of Taurus and Pisces. Thus, logical assumption in the beginning of this article about 10-sectors division of the zodiac, has found a strict mathematical confirmation in the solution of the formulated problem, and a historical confirmation in the most ancient division of a zodiac belt onto 10 constellations.

The Egyptian system of decanes is another surprising confirmation of our correctness, compare:

- 10 signs of 36 degrees
- 36 decanes of 10 degrees

Apparently, these two divisions were the fundamental basis of an ancient Egyptian astrology. We succeeded in reconstruction of the first division on the basis of system of major Egyptian years and the Egyptian terms, carefully preserved by the Greeks, and the second division has the direct historical confirmations.

Regarding the order of planets in the rulership of 10 signs of the ancient Egyptian zodiac, retrieved by the solution of the formulated problem, it strictly corresponds to the order, defined by the rays of a five-pointed star, where planets are placed in order of their cycles, and the counting starts from Saturn--the slowest planet--in the direction of lessening of cycles (see diagram).



So, the received solution is in complete accordance with the basic astrological principles, rose to us from Egypt, and is harmonically blended with the facts on ancient Egyptian astrology already known to us.

Thus, it's possible to consider the reconstruction of a calculation principle of the major Egyptian years completed.

## Conclusions

Main conclusion that follows from the received reconstruction is **the necessity of complete recalculation of system of major years and system of terms individually for each latitude**, as the primary system was constructed for Thebes and is applicable with relatively small errors (less than 2 years) in a very narrow range of latitudes--approximately from 22° to 29° of northern latitude only.

This fact completely explains why the Egyptian system of lifetime determination doesn't work at all in the latitudes outside the mentioned interval, including Alexandria--the center of the Greek astrological school.

Other important conclusion is that the **ancient Egyptian astrologers used 10 signs zodiac** closely connected with system of decanes.

The third important conclusion is that **the rulers of the signs of the zodiac were only the planets--wandering stars**. The luminaries--Sun and Moon--apparently, took the special place in the Egyptian astrology. Probably, the stars and only the stars (wandering and fixed) were considered in charge of the destiny of the men. And **Sun and Moon**, most likely, were considered as **setting the rhythm, measuring the time** when things determined by the decree of **the stars** should happen.

In closing it would be useful to note, that we have found the solution for the first stage of the construction of the system of terms and we have approached to reconstruction of an ancient astrological system only by a half-step. In the further we have to do a great job on the reconstruction of the rules of determination of the order and length of terms of the planets, and also on the reconstruction of the system of decanes.

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