A Taste of Astrology
A Sidereal Zodiacal Approach

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1. PLANETS, SIGNS, AND HOUSES

1.1 The classical planets
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From the point of view of an earthbound observer, the stars of the night sky appear to be fixed-in-place on a concentric spherical surface that is called the **celestial sphere**. The noun 'planet' (whose Greek name means 'wanderer') was used to describe any object that appeared to wander along the celestial sphere. To peoples of the ancient world, these wanderers were the two **luminaries** *Sun* and *Moon* and the planets *Mercury*, *Venus*, *Mars*, *Jupiter*, and *Saturn*, all of which are visible to the naked eye. These seven wanderers are called the **classical planets**. The adjective 'classical' here means 'standard and traditional'.

Astrology is the study of the behavior of celestial bodies in the belief that they indicate the course of human affairs. The term '**traditional astrology**' refers to the combination of the Hellenistic tradition of astrology (which is a blending of Mesopotamian and Egyptian astrological traditions with Greek philosophical thought) and the subsequent contributions of ancient Roman, Medieval (Indian, Islamic, and European), and European Renaissance astrologers.

In traditional astrology, the classical planets intrinsically represent the fundamental essences that collectively characterize all persons, places, and things. Therefore, each classical planet is the natural representative of some subset of persons, places, or things.

The radiant and solar-system ruling **Sun** intrinsically represents vitality, self-esteem, volition, and leadership. Sun's intrinsic attributes make it the natural representative of:

> Fathers; leaders and bosses among people; recognition among social interactions; things that give life and energy; gold among metals; lions among animals; eagles among birds; diamonds among gemstones; the heart among organs; things that are yellow in color.

Spiritually speaking, Sun is the energy associated with Man's will – his ability to deliberately decide on a course of action, his freedom to choose between right and wrong. Sun is nobly expressed whenever one asserts himself with dignity by using his will to rise above course and unsavory things.

The faithfully reflecting and phase-changing **Moon** intrinsically represents receptivity, adaptability, and devotion. Moon's intrinsic attributes make it the natural representative of:

> Mothers; nurturers; compliant people; domestic matters; that which is watery or associated with water; emotions; stages of change; short-term travel; wandering; lost items; nocturnal entities; new things or newborn creatures; silver among metals; the stomach and the intestines among organs; the digestive system; things that are white in color.

Spiritually speaking, Moon is the energy associated with Man's trance ability, which enables him to learn and to change. In a trance state, one has a heightened receptivity in which beliefs, images,

and words become empowered to create or undo habits. Moon is nobly expressed whenever one is receptive to and compliant with right guidance.

The swift-moving planet **Mercury** intrinsically represents mobility of thought, word, and deed. Mercury's intrinsic attributes make it the natural representative of:

> Ideas and beliefs; speech and all modes of communication; clever action; deception; expertise; negotiations, trade, and transactions; exact sciences and calculations; transportation; things that imitate humans; wind and everything that causes it; small items coming in large numbers; things of mixed composition; mercury among metals; the tongue and the vocal cords among organs; the nervous system; things that are multicolored.

Spiritually speaking, Mercury is the energy associated with Man's verbal mind – his ability to think logically and to express himself through words. Mercury is nobly expressed whenever one uses his cleverness and verbal facility to further that which is wholesome.

The planet **Venus** (whose Latin name means 'love') intrinsically represents affection, enjoyment, attractive power, and harmony. Venus's intrinsic attributes make it the natural representative of:

> Friendly action; intimate (that is, closely personal) relationships; social activities; personal charm; charisma; that which is attractive or beautiful; that which is fragrant; that which is sweet or delicious; that which is pleasing to the touch; arts and entertainment; copper among metals; the kidneys and the thyroid gland among organs; the vagina and the uterus among female organs; fertility; things that are green in color.

Spiritually speaking, Venus is the energy associated with Man's visual mind – his imagination, which enables him to form mental images. When intensely entertained with aroused feelings of enjoyment, mental images gain the power to attract the necessary resources for their realization. Venus is nobly expressed whenever through joyful optimism, one attracts the necessary resources for faring well.

The blood-red planet **Mars** intrinsically represents courage, enthusiasm, assertiveness, and pioneering. Mars's intrinsic attributes make it the natural representative of:

> Aggressive action; athletic skill; fighting; violence and wounds; that which is hot or burning like fire; things that are sharp or cutting; that which causes bleeding; iron among metals; the gallbladder and the adrenal glands among organs; the penis and the testicles among male organs; the muscular system; things that are red in color.

Spiritually speaking, Mars is the energy associated with Man's sense of justice. Being just with all people in all situations requires one to have a warrior's courage and zeal for righteousness, even at the cost of personal loss. Mars is nobly expressed whenever one has the courage to take right action.

The huge and gaseous planet **Jupiter** intrinsically represents virtuous optimism (that is, the belief that virtuous action eventually brings the best outcome) and expansion (material and spiritual). Because one's optimism draws positive circumstances to himself, Jupiter is the bringer of good luck (that is, favorable circumstances that are beyond willful control). Jupiter's intrinsic attributes make it the natural representative of:

Noble-mindedness; high social position; religion/spirituality; science and law among professions; tin among metals; money and luxury items among possessions; that which is large or spreading; sources of fertility and abundance; tin among metals; the liver and the pancreas among organs; adipose tissue (body fat); things that are purple in color.

Spiritually speaking, Jupiter is the energy associated with Man's moral sense – his intuitive ability to distinguish right from wrong. Jupiter is nobly expressed whenever one acts with good character and good judgment.

The ringed and slow-moving planet **Saturn** intrinsically represents restriction, structure, and slow change. Saturn is the bringer of challenges that require patient perseverance in order for one to prevail. Saturn's intrinsic attributes make it the natural representative of:

Sober-mindedness; diligent efforts; restraints and limitations; that which is hard and heavy; that which is lonely or isolated; chronic ailments; that which is old and decaying; death; that which is freezing and preserving; lead among metals; the spleen among organs; the skeletal system; the teeth; the skin, hair, and nails as body protection; things that are black in color.

Spiritually speaking, Saturn is the energy associated with Man's ability to patiently persevere (that is, to calmly remain constant to a purpose in spite of obstacles). Saturn is nobly expressed whenever one stabilizes his heart (that is, his prevailing mental and emotional attitude), so that he may think clearly and respond properly to situations in life, instead of reacting according to habit or impulse.

1.2 Sun's yearly cycle and the zodiac
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The notion of a time period called 'a year' is tied to Earth's annual orbit about Sun. From the point of view of an earthbound observer, Earth remains at rest while Sun orbits it along the celestial sphere. As Sun makes its orbit, it moves along a great-circular path called the **ecliptic**. In our imagination, let's thicken this circular path into a circular belt that extends about 8 angular degrees on each side of the ecliptic. As seen from Earth, the classical planets all wander within this circular belt called the **zodiac**.

On the celestial sphere, a **constellation** is a grouping of fixed stars that is believed to resemble a person, animal, or inanimate object. As Sun makes its annual journey along the zodiac, it passes through portions of fourteen constellations. Going forward along the zodiac, the names of these constellations are **Aries** (whose Latin name means 'ram'), **Taurus** (whose Latin name means 'bull'), **Gemini** (whose Latin name means 'twins'), **Cancer** (whose Latin name means 'crab'), **Leo** (whose Latin name means 'lion'), **Virgo** (whose Latin name means 'virgin'), **Libra** (whose Latin name means 'scales'), **Scorpio** (whose Latin name means 'scorpion'), **Ophiuchus** (whose Greek name means 'serpent-bearer'), **Sagittarius** (whose Latin name means 'archer'), **Capricorn** (whose Latin name means 'horned goat'), **Aquarius** (whose Latin name means 'water-bearer'), **Pisces** (whose Latin name means 'fishes'), and **Cetus** (whose Latin name means 'sea monster' or 'whale').

Within the 360° of the zodiacal belt, the aforementioned fourteen constellations are generally unequal in angular expanse.[1] In this regard, TABLE 1.2a presents the time that Sun spends in each constellation during its annual journey. Note that while traveling through Pisces, the southern edge of Sun's disk overlaps with Cetus for about fourteen hours.

TABLE 1.2a: Sun's time spent in the constellations

Constellation	Time spent	Constellation	Time spent
Aries	25 days	Scorpio	7 days
Taurus	37 days	Ophiuchus	18 days
Gemini	31 days	Sagittarius	32 days
Cancer	20 days	Capricorn	28 days
Leo	37 days	Aquarius	24 days
Virgo	45 days	Pisces	38 days
Libra	23 days	Cetus	14 hours

At some time long ago, Mesopotamian astrologers conceived of dividing the zodiacal belt into twelve equal regions (called **signs**), each region having an angular expanse of 30°. They ignored the Cetus constellation and considered the Scorpio and Ophiuchus constellations in combination. This concept is called the **sidereal zodiac**. The names of the twelve sidereal signs are *Aries*, *Taurus*, *Gemini*, *Cancer*, *Leo*, *Virgo*, *Libra*, *Scorpio*, *Sagittarius*, *Capricorn*, *Aquarius*, and *Pisces*. Each sidereal sign is occupied predominantly by the constellation after which it is named.

TABLE 1.2b: Sun's annual location in the tropical zodiac

Sign	Time Period	Sign	Time Period
Aries	21 MAR – 20 APR	Libra	24 SEP – 23 OCT
Taurus	21 APR – 21 MAY	Scorpio	24 OCT – 22 NOV
Gemini	22 MAY – 21 JUN	Sagittarius	23 NOV – 21 DEC
Cancer	22 JUN – 23 JUL	Capricorn	22 DEC – 20 JAN
Leo	24 JUL – 23 AUG	Aquarius	21 JAN – 19 FEB
Virgo	24 AUG – 23 SEP	Pisces	20 FEB – 20 MAR

At some later time, astrologers conceived of dividing the zodiacal belt into twelve equal signs, each corresponding to approximately one month of Sun's annual journey along the zodiac. See TABLE 1.2b for pertinent details. This concept is called the **tropical zodiac**. The names of the

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[1] The article *The Real Zodiac*, which is posted on the website <classroomastronomer.com/zodiac.htm>.

twelve tropical signs are *Aries*, *Taurus*, *Gemini*, *Cancer*, *Leo*, *Virgo*, *Libra*, *Scorpio*, *Sagittarius*, *Capricorn*, *Aquarius*, and *Pisces*. Although each tropical sign is the namesake of a sidereal sign, tropical sign *X* is generally not the same zodiacal region as sidereal sign *X*. Each tropical sign refers to a stage of Earth's annual cycle of seasons.

The celestial equator is the projection of Earth's equator onto the celestial sphere. The **equinoxes** are the two points where the ecliptic intersects the celestial equator. The tropical zodiac is a season-based sign arrangement that takes tropical Aries 0° to be the position of Sun at the March equinox. Sun spends about a month in each sign as it goes forward along the zodiac. Between the March equinox and the June solstice, Sun travels through the tropical signs of Aries, Taurus, and Gemini. Between the June solstice and the September equinox, Sun travels through the tropical signs of Cancer, Leo, and Virgo. Between the September equinox and the December solstice, Sun travels through the tropical signs of Libra, Scorpio, and Sagittarius. Between the December solstice and the March equinox, Sun travels through the tropical signs of Capricorn, Aquarius, and Pisces.

Like the axis of a spinning top, Earth's rotational axis undergoes a slow, cyclical change in which it traces a cone-shaped path over time. This wobbling motion of Earth's rotational axis is called *axial precession*. As a result of axial precession, the equinoxes slowly move westward along the ecliptic (that is, backward along the zodiac), thereby giving rise to the **precession of the equinoxes**. Consequently, we perceive each fixed star to move forward along the tropical zodiac at a varying rate, currently about 50.29″ of arc per year (which amounts to about 01° every 72 years). In this regard, sidereal Aries 0° is usually not the same as tropical Aries 0° (the March equinox point). The angular difference between sidereal Aries 0° and tropical Aries 0° is called the **ayanāṃśa**. See Section 2.1 for pertinent details.

1.3 The twelve signs
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In traditional astrology, each classical planet rules a number of zodiacal signs. Sun rules Leo. Moon rules Cancer. Mercury rules Virgo and Gemini. Venus rules Libra and Taurus. Mars rules Scorpio and Aries. Jupiter rules Sagittarius and Pisces. Saturn rules Capricorn and Aquarius. Each sign is a personality expression of its ruling planet. Its **gender** refers to whether it is a masculine or feminine expression. **Masculine energy** is centrifugal, expansive, or externalizing. **Feminine energy** is centripetal, contractive, or internalizing. See TABLE 1.3a for pertinent details.

On examining TABLE 1.3a, we see that sign gender alternates between masculine and feminine as we sequentially go forward along the zodiac. The table also shows a pattern involving the sign rulers. Let's view Sun and Moon here as the respective masculine and feminine expressions of a planet called *Luminary*. As we go from Leo to Capricorn, the order of the sign rulers is: Luminary, Mercury, Venus, Mars, Jupiter, Saturn. As we go from Aquarius to Cancer, the order of the sign rulers is: Saturn, Jupiter, Mars, Venus, Mercury, Luminary (which is the reversal of the previous order).

Fire, earth, air, and water symbolize the fundamental elements of human personality. **Fire** symbolizes the desires that burn within us. **Earth** symbolizes our physicality. **Air** symbolizes the thoughts that blow around in our mental sky. **Water** symbolizes our emotional and intuitive feelings. We may categorize the twelve signs into four sets of three (called **triplicities**) that each correspond to a particular element of personality. See TABLE 1.3b for pertinent details.

TABLE 1.3a: Sign genders

Sign	Ruler	Gender	Personality Qualities
Leo	Sun	masculine	Authoritative, self-assured, wants recognition.
Virgo	Mercury	feminine	Discriminating, methodical, meticulous, tidy.
Libra	Venus	masculine	Charming, has good taste, sociable, tactful.
Scorpio	Mars	feminine	Deep-diving, passionate, secretive, tenacious.
Sagittarius	Jupiter	masculine	Adventurous, frank, jolly, philosophical.
Capricorn	Saturn	feminine	Cautious, reserved, success-driven.
Aquarius	Saturn	masculine	Altruistic, innovative, reformist.
Pisces	Jupiter	feminine	Compassionate, introspective, mystical.
Aries	Mars	masculine	Ambitious, courageous, enterprising.
Taurus	Venus	feminine	Determined, reliable, sensual, slow to anger.
Gemini	Mercury	masculine	Clever, communicative, curious, versatile.
Cancer	Moon	feminine	Caring, intuitive, protective, sensitive.

TABLE 1.3b: Sign elements and modalities

	Cardinal	Fixed	Dual
Fire	Aries	Leo	Sagittarius
Earth	Capricorn	Taurus	Virgo
Air	Libra	Aquarius	Gemini
Water	Cancer	Scorpio	Pisces

In addition to categorizing the zodiacal signs according to personality elements, we may categorize them according to modes of operation. We may liken these modalities to stages within any season of the year. The **cardinal modality** is related to a season's beginning stage, and it refers to the tendency to initiate action and to create change. The **fixed modality** is related to a season's middle stage, and it refers to the tendency to be determined and to resist change. The **dual modality** is

related to a season's ending stage, and it refers to the tendency to be adaptable and to embrace change. The dual modality has attributes of both the cardinal and fixed modalities. We may categorize the twelve signs into three sets of four (called **quadruplicities**) that each correspond to a particular mode of operation. See TABLE 1.3b for pertinent details.

Note that the portrayal of each dual sign involves some type of twoness. Gemini is portrayed as two twins. Virgo is portrayed as a winged maiden. Sagittarius is portrayed as a centaur, which is half-man and half-horse. Pisces is portrayed as two fishes.

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The sign **Aries** (whose Latin name means 'ram') expresses Mars in a masculine way. As a fire sign, Aries is desirous, energetic, and forthright. As a cardinal sign, Aries initiates action and creates change. Like a combative ram, Aries likes challenges and has an abundant amount of physical energy. Aries is courageous and pioneering – he is always ready to take risks. In his eagerness to get things done, he is inclined to act first and think later. Like a charging ram, he rushes headlong into situations without considering the consequences. At his best, masculine Aries has the courage to jump into action in order to enthusiastically pursue worthy goals.

The sign **Taurus** (whose Latin name means 'bull') expresses Venus in a feminine way. As an earth sign, Taurus is grounded and focused on material stability. As a fixed sign, Taurus is determined and resistant to change. She holds on to anyone and anything that she views as her own. Like a charging bull focused on his target, Taurus stays set on her course. She wants to see tangible results from her efforts, and so she is inclined to getting absorbed in acquiring material comforts and in indulging herself. At her best, feminine Taurus is doggedly determined to make tangible progress in achieving a better quality of life.

The sign **Gemini** (whose Latin name means 'twins') expresses Mercury in a masculine way. As an air sign, Gemini is intellectual, communicative, and social. As a dual sign, Gemini is adaptable and embraces change. The twins represent both multiplicity and communication. Gemini expresses multiplicity through his versatility – he is curious, is quick to learn, and can do many things competently. He enjoys communicating his thoughts and feelings with others. Gemini thrives in environments of continuous activity and change. At his best, masculine Gemini seeks to learn and communicate in order to further wholesome intellectual development.

The sign **Cancer** (whose Latin name means 'crab') expresses Moon, which is the feminine luminary. As a water sign, Cancer is emotional, intuitive, and empathetic. As a cardinal sign, Cancer initiates action and creates change. Cancer is caring and protective – she is motivated to create a secure environment for herself and her loved ones. Like a crab clinging to its shell, Cancer is strongly attached to her roots, and she clings to anyone and anything that she finds comfortable and familiar. She takes offense easily and holds on to negativity from past experiences. At her best, feminine Cancer safeguards those who are near and dear.

The sign **Leo** (whose Latin name means 'lion') expresses Sun, which is the masculine luminary. As a fire sign, Leo is desirous, energetic, and forthright. As a fixed sign, Leo is determined and resistant to change. Like the roaring kingly lion, Leo wants others to take notice of him and to

somehow revolve around him. Leo likes things to be done his way, takes pride in his achievements, and seeks due recognition. If he becomes conceited, domineering, or ostentatious, then he loses the goodwill and admiration that he enjoys. At his best, masculine Leo acts nobly and safeguards those for whom he is responsible.

The sign **Virgo** (whose Latin name means 'virgin') expresses Mercury in a feminine way. As an earth sign, Virgo is grounded and focused on material stability. As a dual sign, Virgo is adaptable and embraces change. Virgo has a keen eye for detail, which enables her to approach problems with logic and efficiency. Being analytical and pragmatic, she can adjust to changing circumstances while keeping a focus on detail and order. Like a virgin, Virgo sets a high standard for herself. If she sets her expectations too high, then she faces disappointment and a pessimistic outlook on life. At her best, feminine Virgo uses calculated thinking to determine how to make life run more smoothly for everyone.

The sign **Libra** (whose Latin name means 'scales') expresses Venus in a masculine way. As an air sign, Libra is intellectual, communicative, and social. As a cardinal sign, Libra initiates action and creates change. Like the justice scales, Libra seeks balance and harmony. He initiates relationships and partnerships with a diplomatic approach. He may have a difficult time making decisions as he weighs up all the pros and cons. He finds ugliness in people and things distasteful – he seeks to be surrounded by beauty and harmony. At his best, masculine Libra inclines toward justice and strives for fairness in all situations.

The sign **Scorpio** (whose Latin name means 'scorpion') expresses Mars in a feminine way. As a water sign, Scorpio is emotional, intuitive, and empathetic. As a fixed sign, Scorpio is determined and resistant to change. Like a scorpion's claws, Scorpio is tenacious – she tightly holds on to people and things. She takes relationships seriously and is intensely loyal to her friends. Moreover, she carries her goals to fruition with unshakable resolve. Scorpio has a sharp insight that helps her to accurately size up people and things. If she feels threatened, then she is inclined to become angry and vengeful. At her best, feminine Scorpio is driven by a deep sense of purpose, and she is not easily deterred by obstacles or setbacks.

The sign **Sagittarius** (whose Latin name means 'archer') expresses Jupiter in a masculine way. As a fire sign, Sagittarius is desirous, energetic, and forthright. As a dual sign, Sagittarius is adaptable and embraces change. The ancients imagined Sagittarius as a centaur, which is a mythical half-horse and half-man creature. The half-horse represents the need to explore new things. The half-man is an archer who shoots his arrow into the air and then optimistically follows its trail. Sagittarius is adventurous and optimistic – he enjoys exploring new ideas, new experiences, and new philosophies. At his best, masculine Sagittarius is not afraid to go beyond his comfort zone and to take risks in order to achieve worthy goals.

The sign **Capricorn** (whose Latin name means 'horned goat') expresses Saturn in a feminine way. As an earth sign, Capricorn is grounded and focused on material stability. As a cardinal sign, Capricorn initiates action and creates change. Capricorn is ambitious and diligent – she seeks social accomplishment through her goals and long-term plans. Like a mountain goat, Capricorn climbs cautiously to the summit of success, leaving behind those who are less resolute. If she gets absorbed in her pursuits, then she tends to become unconcerned about anyone and anything

perceived as inconsequential to her success. At her best, feminine Capricorn exercises caution, carefully thinking everything through before setting off in any direction.

The sign **Aquarius** (whose Latin name means 'water-bearer') expresses Saturn in a masculine way. As an air sign, Aquarius is intellectual, communicative, and social. As a fixed sign, Aquarius is fixed in his ideals and is often resistant to following conventional rules. The ancients imagined Aquarius as a person who is carrying life-giving waters and pouring them over the earth. Aquarius desires to make a positive impact on the world, and he thinks often about how to improve people's lives. He works well in groups, but he may have difficulty being intimate one-on-one. At his best, masculine Aquarius is unselfish and makes improvements for the common good.

The sign **Pisces** (whose Latin name means 'fishes') expresses Jupiter in a feminine way. As a water sign, Pisces is emotional, intuitive, and empathetic. As a dual sign, Pisces is adaptable and embraces change. The ancients imagined Pisces as two fishes swimming in opposite directions, representing emotional versatility. Pisces is compassionate and intuitive – she can easily empathize with others, adapting to emotional shifts with ease. She is compassionate and tends to see the best in others. If others abuse her kindheartedness, then she may develop a victim mentality in which she perceives herself as being constantly wronged or powerless over her circumstances. At her best, feminine Pisces is resilient and shows kindly concern for others.

We say that two signs are **opposite signs** if each one is 6 neighbors away from the other. Aries and Libra are opposite signs. Taurus and Scorpio are opposite signs. Gemini and Sagittarius are opposite signs. Cancer and Capricorn are opposite signs. Leo and Aquarius are opposite signs. Virgo and Pisces are opposite signs.

1.4 A Sun's daily cycle and the angles
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The notion of a time period called 'a day' is tied to Earth's daily rotation about its line of poles. From the point of view of an earthbound observer, Earth remains at rest while the celestial sphere rotates about its line of poles (which are the same as Earth's line of poles). Because the zodiacal belt is attached to the celestial sphere, it likewise rotates about the line of poles. During the course of a day, Sun does not move very much along the zodiac, and so we may take Sun to be attached to the zodiacal belt. As the zodiacal belt rotates about the line of poles, Sun rotates with it, and so Sun makes a daily journey across the sky during which one experiences daytime (when Sun is above the horizon) and nighttime (when Sun is below the horizon).

The **horizon** is the local line at which Earth's surface and the sky appear to meet. Four important points of Sun's daily journey are the **sunrise point** (that is, Sun's location at sunrise), the **noon point** (that is, Sun's location at noon), the **sunset point** (that is, Sun's location at sunset), and the **midnight point** (that is, Sun's location at midnight). Here we take sunrise to be the instant when Sun is on the observer's eastern horizon. Similarly, we take sunset to be the instant when Sun is on the observer's western horizon. The sunset point is opposite the sunrise point. Here we take noon to be the instant when Sun crosses the observer's meridian (that is, the projection of the local geographic longitudinal line onto the celestial sphere), thereby reaching its highest position above

the horizon on that day and casting the shortest shadow. In this regard, we take midnight to be the instant when it is noon at the opposite end of Earth. The midnight point is opposite the noon point.

In astrology, the sunrise point is called the **Ascendant**, and the sunset point is called the **Descendant**. Moreover, the noon point is called the **Midheaven** (or **Medium Coeli**, meaning 'middle of the sky'), and the midnight point is called the **Imum Coeli** (meaning 'bottom of the sky'). The Ascendant, the Descendant, the Midheaven, and the Imum Coeli are collectively called the **angles**.

On page 109 of his book *Flash of the Spirit*, art historian and writer Robert Farris Thompson speaks about the Kongo cosmogram called the **yowa cross**.[2] This cross involves a horizontal line that intersects a vertical line. There is a small disk at each end of both lines. Thompson states that "the four disks at the points of the cross stand for the four moments of the sun", which are the four angles. Thompson states that "the horizontal line divides the mountain of the living world from its mirrored counterpart in the kingdom of the dead." Regarding the vertical line, Thompson states that:

> "The summit of the pattern symbolizes not only noon but also maleness, north, and the peak of a person's strength on earth. Correspondingly, the bottom equals midnight, femaleness, south, the highest point of a person's otherworldly strength."

In traditional African cultures, a person reaches the peak of his otherworldly strength whenever he becomes an honorable ancestor.

Let's use knowledge from the *yowa* cross as a starting point for coming to an astrological interpretation of the four angles. The horizon is the dividing line between masculine and feminine areas of life. Masculine energy is centrifugal, expansive, or externalizing. Feminine energy is centripetal, contractive, or internalizing. The Ascendant (the sunrise point) represents one's entry into the physical world, which involves bodily life (that is, the incarnation of one's immortal soul into a mortal body). Here one leaves the feminine spirit world and enters the masculine physical world. The Descendant (the sunset point) represents one's exit from the physical world, which involves bodily death. Here one leaves the masculine physical world and enters the feminine spirit world. The Midheaven (the noon point) represents making it to the top in earthly life. Here one gains prestige (that is, high status that is achieved through success, influence, or other favorable attributes). The Imum Coeli (the midnight point) represents ancestral lineage, traditions, and remembrance. Those who live righteous and truthful lives in the physical world are on the way to becoming honorable ancestors, thereby making it to the top in the spirit world.

In traditional astrology, the local sky (above and below the horizon) is divided into twelve sectors called **houses**. Each astrological house refers to some subset of areas of human life. The 1st through 6th Houses lie below the horizon, and they refer to areas of one's life that are somewhat private. The 7th through 12th Houses lie above the horizon, and they refer to areas of one's life that are somewhat public.

The Ascendant-Descendant (or horizon) axis is the boundary between the upper sky (which contains the Midheaven) and the lower sky (which contains the Imum Coeli). The Medium-Imum

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[2] Thompson, Robert Farris, Vintage Books (1984), ISBN-10: 0394723694, ISBN-13: 978-0394723693.

Coeli (or meridian) axis is the boundary between the eastern sky (which contains the Ascendant) and the western sky (which contains the Descendant). A **quadrant-house system** uses the horizon and meridian axes to divide the local sky into four quadrants, each containing three houses. The varying angular sizes of these quadrants result in houses of unequal angular size. The **cusp** of a house is the dividing line that marks the beginning of that house. In a quadrant-house system, the Ascendant is the 1st-House cusp, the Descendant is the 7th-House cusp, the Midheaven is the 10th-House cusp, and the Imum Coeli is the 4th-House cusp. The locations of other house cusps depend on how the quadrant-house system is defined.

1.5 The twelve houses
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Here we will explore the 12 astrological houses as they come to us from the Hellenistic tradition of astrology. This tradition uses the notion of **planetary joys**, which says that each classical planet has an affinity for a particular house where it functions naturally.

TABLES 1.5a and 1.5b present some meanings of the various houses. Note that the information in these tables usually refers to one's own self. For example, the 3rd-House item 'siblings' refers to one's own siblings, not someone else's siblings.

TABLE 1.5a: The astrological houses

House	Areas of Life
1st	**Bodily life:** The persona; one's physical body and its health; one's physical vehicle of travel and its condition; one's overall quality of life.
2nd	**Supportive persons or things:** Food, money, and portable property; helpful people on whom one can rely.
3rd	**Early development:** Early education; basic know-how; siblings; community; neighbors; short-distance travel.
4th	**Roots and home:** Ancestral or ethnic ties; parents; traditional practices; becoming remembered after bodily death; the house and other landed property; comfort and security; underground places.
5th	**Children and personal interests:** Fertility and pregnancy; recreational activities; overdoing pleasure; representatives of one's personal affairs.
6th	**Sickness and servitude:** Acute illness; stress; unwholesome influences; being of service to others; subordinates; employees; small animals.

The **1st House** takes after the Ascendant (the sunrise point), which represents bodily life (that is, the incarnation of one's immortal soul into a mortal body). In the Hellenistic tradition, the 1st

House is called the 'helm', which is the part of a ship from which it is steered. The 1st House refers to bodily life. Bodily life involves one's persona, which is the vehicle of personality through which one navigates earthly life. Bodily life involves one's physical body (and by extension, any physical vehicle in which one travels), which is the 'ship' that one steers through the physical world. The 1st House is Mercury's joy. Mercury is versatile (that is, capable of doing many things competently), and so he rejoices in the diversity of human individuality.

TABLE 1.5b: The astrological houses

House	Areas of Life
7th	**Partnerships and oppositions:** Romantic partners; marriage; contractual partners; transactional relationships; heavenly cooperation; someone else; opponents; bodily death or bodily harm.
8th	**Death and another's resources:** Bodily death; an ending that facilitates transformation; life-threatening situations; inheritances; debts.
9th	**Higher development:** Religion/spirituality; magic; higher education; professional know-how; long-distance travel; risky undertakings.
10th	**Making it to the top:** One's calling or career; achieving something significant; gaining prestige; head persons; being on top of a situation; high places.
11th	**Friends and benefactors:** Friends; social activities; comrades and shared interests; help from others; fulfilling one's wishes.
12th	**Unpleasant limitations:** Trying situations; chronic illness; self-undoing; hidden enemies; hexing; confinement; large animals.

In the Hellenistic tradition, the **2nd House** is called 'the place of livelihood', which refers to one's means of maintaining his physical existence. The 2nd House refers to supportive persons or things, which are one's resources (that is, sources of aid or support that can be readily drawn from when needed). These resources are food (as sustenance), money, transportable possessions, and helpful people on whom one can rely.

In the Hellenistic tradition, the **3rd House** is called 'the place of motherly God'. The 3rd House refers to early development. Man's ability to learn and to change is based on trance, which is feminine (that is, internalizing) in nature. Trance is a state of heightened receptivity in which beliefs, images, and words become empowered to create or undo habits. Early education involves reading, writing, and arithmetic, and it aims at developing one's basic knowledge and skills. Learning involves interacting with others. Interacting with siblings helps to build one's sense of community (that is, a sense of "one for all and all for one"). Eventually one begins interacting with others, which involves travel within one's neighborhood or to nearby regions. The 3rd House is Moon's joy. Moon is the energy associated with Man's trance ability.

The **4th House** takes after the Imum Coeli (the midnight point), which represents ancestral lineage, traditions, and remembrance. In the Hellenistic tradition, the 4th House is called 'the underground place', which refers to the Imum Coeli as being Sun's bottommost point below the horizon. The 4th House refers to roots and home. The roots of a plant are its underground section that serves as its support and through which it draws nutrients from the surrounding soil. One's roots are his ancestral guardians in the 'underground' spirit realm. One's immediate roots are his parents. Ancestors have left a legacy of traditional practices, which are ways of doing things that are handed down from generation to generation. These practices help us to remember how those of the past have contributed to one's life of today. The house where one's family lives is where the family 'puts down roots' (that is, makes its home), where one expects comfort and security. The 4th House can refer to underground places, such as wells, graves, and buried treasures.

In the Hellenistic tradition, the **5th House** is called 'the place of good fortune' in relation to Man's physical body. The 5th House refers to children and personal interests (that is, activities that one pursues for enjoyment and satisfaction). Fertility and pregnancy are necessary for having children. Recreational activities (such as sex, entertainment, hobbies, sports, and theatres) restore one's spirits by enjoyment and relaxation, thereby helping one to feel childlike. Ambassadors and similar representatives are others who negotiate on behalf of one's personal interests. The 5th House is Venus's joy. Venus intrinsically represents affection, enjoyment, attractive power, and harmony, and it is the energy associated with Man's imagination.

In the Hellenistic tradition, the **6th House** is called 'the place of bad fortune' in relation to Man's physical body. The 6th House refers to sickness and servitude. Acute (that is, short-term and severe) illness is referred to here. Physical or mental stress often leads to illness. 'Unwholesome influences' not only refer to things that are detrimental to physical or mental health, but also to things that are morally harmful. On a negative note, the noun 'servitude' refers to the ill condition of being forced to serve another person. On a positive note, the noun phrase 'being of service' refers to voluntarily offering help to others. Subordinates are those of a lower rank, who are subject to the authority of a superior. Small animals (up to the size of a goat) are more easily domesticated, thereby becoming subordinates in one's household. The 6th House is Mars's joy – the aggressive nature of Mars is on full display here.

We say that two houses are opposite houses if each one is 6 houses ahead (or equivalently 6 houses behind) the other. For example, the 1st and 7th Houses are opposite each other. Note that one meaning of the adjective 'opposite' is 'being the other of two complementary things'. In this regard, opposite houses are two halves of a whole.

The **7th House** takes after the Descendant (the sunset point), which represents bodily death (and by extension, bodily harm). In the Hellenistic tradition, the 7th House is called 'the setting place', which refers to the Descendant as being the point where Sun sets. The Descendant's meaning of death is usually taken here in the figurative sense of dying to a life of 'me' in order to be reborn to a life of 'we'. The 7th House refers to partnerships, which are agreements in which parties cooperate to further mutual interests. Matters of love involve romantic partnerships. A spouse is one's partner in marriage. A contract is a formal agreement between parties entering into a partnership. In a transactional relationship, each party does things for the other, expecting to get something in return. Heavenly cooperation involves partnering with the heavenly realm (that is,

the abode of Creator God, ministerial divine entities, and honorable ancestors). In *Ifá* (a traditional African spiritual system), there is the notion that the *ẹgbẹ́* (comrades of heaven) are the *bọ̀rọ̀kìnní ọ̀run* (respectable persons of the spirit world) who will not let *bọ̀rọ̀kìnní ayé* (respectable persons of earth) fall into disgrace.

Because the 7th House is opposite the 1st House, it takes on some opposite meanings. While the 1st House refers to oneself, the 7th House refers to someone else. This 'someone else' is sometimes an opponent (that is, someone who acts contrarily to one's interests or welfare). The Descendant's meaning of death can sometimes be taken literally. While the 1st House refers to bodily life or bodily health, the 7th House refers to bodily death or bodily harm.

In the Hellenistic tradition, the **8th House** is called 'the inactive place', which we will take to refer to death as the permanent end of some type of activity. The 8th House refers to death. Whether taken literally or figuratively, death is an ending that facilitates transformation. Because the 8th House is opposite the 2nd House, it takes on some opposite meanings. While the 2nd House refers to one's own resources, the 8th House refers to someone else's resources, which may be an inheritance (which is something inherited as a result of another's bodily death) or one's own debts (which are what one owes another).

In the Hellenistic tradition, the **9th House** is called 'the place of fatherly God'. The 9th House refers to higher development. Religion/spirituality is a means to spiritual elevation. Magic is the use of incantations and suitable materials to invoke spiritual energies to influence events. Higher education aims at developing one's know-how with regard to some type of profession, at the end of which is some type of certification. Long-distance travel to unfamiliar places is a risky undertaking that broadens the mind. Religion/spirituality, higher education, and long-distance travel call the individual to expand the range of his knowledge, experience, and interest. The 9th House is Sun's joy. Sun is nobly expressed whenever one asserts himself with dignity by using his will to rise above course and unsavory things.

The **10th House** takes after the Midheaven (the noon point), which represents making it to the top in earthly life. In the Hellenistic tradition, the 10th House is called 'the place at the top', which refers to the Midheaven as being Sun's topmost point above the horizon. The 10th House refers to 'making it to the top' (that is, reaching a position of prominence). One's vocation is an occupation (that is, something to which one devotes time and energy) that could be a calling (that is, a pursuit to which one is drawn) or a career (that is, a chosen pursuit). Through one's vocation, one achieves something significant and gains prestige. A head person is at the top in that he is in charge of someone or something. Being on top of a situation means to be in full control of it. The 10th House can refer to high places, such as mountains, roofs, and a building's upper floors.

In the Hellenistic tradition, the **11th House** is called 'the place of good spirit', which refers to goodwill (that is, an attitude of kindly interest). The 11th House refers to friends and benefactors. One's friends take a kindly interest in one's life and offer their help. Shared interests can bring people together as comrades. Goodwill from the heavenly realm leads to the fulfillment of wishes. The 11th House is Jupiter's joy. Jupiter is the energy associated with Man's moral sense, through which one has the noble-mindedness that is necessary to be morally upright, to judge rightly, and to exhibit loving-kindness.

In the Hellenistic tradition, the **12th House** is called 'the place of bad spirit'. The 12th House refers to unpleasant limitations. One's trying situations subject him to difficulties that test his character and resiliency. On page 96 of his book *Maat, the 11 Laws of God*, Ra Un Nefer Amen [3] says: "… as long as you are anything less than the vehicle of God, you will go through experiences that will make you suffer as spurs to your spiritual realization." Therefore, on the path of spiritual ascension, one will experience trials and tribulations.

Here is more on unpleasant limitations. Chronic (that is, long-term) illness works against good health. Self-undoing involves actions that have negative consequences for the person doing them. Hidden enemies are people and things that work against one's well-being without one being aware of it. A hex is an incantation that is aimed at bringing bad luck to someone. Hospitals, prisons, and other places of confinement keep people or things within specific bounds and allow limited access. The 12th House is Saturn's joy – the restrictive nature of Saturn is on full display here.

Because the 12th House is opposite the 6th House, it takes on an opposite meaning. While the 6th House refers to small animals (up to the size of a goat), the 12th House refers to large animals (beyond the size of a goat).

IMPORTANT COMMENTS: A house can take on a derived meaning that is based on its position relative to another house. For example, consider the 7th House, which refers to one's spouse. We may view one's 7th House as the spouse's 1st House. It follows that one's 8th House is the spouse's 2nd House, thereby referring to the spouse's resources. Moreover, one's 9th House is the spouse's 3rd House (the spouse's siblings), one's 10th House is the spouse's 4th House (the spouse's parents), and so on. In this regard, the spouse's houses are called **derived houses**.

1.6 The astrological chart
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TABLE 1.6 presents astrological information pertaining to the event of Sun's rise on the date and place of my birth. This table presents the sign longitude of each classical planet, according to the sidereal zodiac, as observed at sunrise. A planet's **sign longitude** is the zodiacal sign in which it appears, together with its **sign degree** (that is, its numerical degree within its hosting sign). The *ayanāṃśa* here is about 23° 13′ according to True Chitrā 0° Libra.

TABLE 1.6 also presents the motion of each planet as seen from Earth. A planet is said to be in **direct motion** if it appears to move forward along the zodiac. A planet is said to be in **retrograde motion** if it appears to move backward along the zodiac. A planet is said to be **stationing** if it appears to be standing still, which occurs when it transitions between direct and retrograde motion.

There are many ways of dividing the local sky into 12 houses. The astrological chart of FIGURE 1.6 presents the information of TABLE 1.6 according to the **whole-sign house system**, in which each house is tied to a single sign. In this system, the 1st House is tied to the sign of the Ascendant, and so the 7th House is tied to the sign of the Descendant. But in this system, the 10th and 4th Houses are not always tied to the respective signs of the Midheaven and the Imum Coeli.

Nevertheless, regardless of their respective house positions, the Midheaven carries its 10th-House meaning and the Imum Coeli carries its 4th-House meaning.

TABLE 1.6: Some astrological information

Aakhut Em Bak Tuesday, 08 March 1955 06:19:53 CST 12:19:53 UTC Chicago, IL latitude 41° 51′ N longitude 87° 39′ W Sidereal zodiac	Planet	Sign Longitude	Motion
	Sun	Aquarius 23° 56′	direct
	Moon	Leo 22° 15′	direct
	Mercury	Capricorn 26° 37′	direct
	Venus	Capricorn 11° 00′	direct
	Mars	Aries 13° 48′	direct
	Jupiter	Gemini 26° 46′	retrograde
	Saturn	Libra 27° 54′	retrograde
	The Ascendant (Asc) is at Aquarius 23° 56′. The Midheaven (MC) is at Sagittarius 00° 07′.		

FIGURE 1.6: The astrological chart

Ve 11:00 (PC12) 25:59 Me 26:37 12th CP	(PC10) 00:07 (PC11) 28:03 11th SA	 10th SC	Sa 27:54 R (PC9) 28:03 9th LI	(PC8) 25:59 8th VI
(PC1) 23:56 Su 23:56 1st AQ	**Aakhut Em Bak** Sunrise Chart (Sidereal Whole-Sign Houses) Tuesday, 08 MAR 1955 at 06:19:52 CST Chicago, IL (41° 51′ N; 87° 39′ W)			Mo 22:15 (PC7) 23:56 7th LE
(PC2) 25:59 2nd PI	Ma 13:48 (PC3) 28:03 3rd AR	 4th TA	(PC4) 00:07 Ju 26:46 R (PC5) 28:03 5th GE	(PC6) 25:59 6th CN

In this book, we will be using the sidereal zodiac and the ecliptic-based whole-sign house system as our foundation. Upon this foundation, we will overlay Porphyry houses as nuances. As a quadrant-house system, the Porphyry house system uses the horizon and meridian axes to divide the local sky into four quadrants, each containing three houses. Moreover, the three Porphyry houses within a given quadrant are equal in angular expanse. We will use the denotation 'PH*n*' to mean 'Porphyry House *n*' and the denotation 'PC*n*' to refer to its cusp. Note that the angles are PC1 (the Ascendant), PC4 (the Imum Coeli), PC7 (the Descendant), and PC10 (the Midheaven).

As an example of the overlay, consider Mars in Aries 3rd House. The Porphyry 2nd House (PH2) extends from Pisces 25° 59′ up to Aries 28° 03′. Therefore, Mars at Aries 13° 48′ is in the part of the whole-sign 3rd House that is nuanced by the Porphyry 2nd House. This means that Mars is related to a matter that is a blending of 3rd-House and 2nd-House qualities.

Regarding the astrological charts in this book, I have designed the rectangular-chart framework to mimic the circular-chart framework used by many astrologers. The houses appear in ascending numerical order as we go counterclockwise in the chart. More specifically, the 12th House always appears in the upper left-hand corner, the 2nd House always appears in the lower left-hand corner, the 6th House always appears in the lower right-hand corner, and the 8th House always appears in the upper right-hand corner. Note that as we go counterclockwise in the chart, we go forward along the zodiac.

An astrological chart is a visual representation that is related to Sun's daily and yearly movements. Firstly, the division of the local sky into 12 houses is related to Sun's daily journey above and below the horizon. In this regard, suppose that we (at a fixed location) were to compare various astrological charts, all for the same day, but for different times of day. As the hours go forward in time, we would see chart-wise that Sun changes its house location in descending numerical order. More specifically, Sun rises in the east at the Ascendant, culminates at the Midheaven, sets in the west at the Descendant, and anti-culminates at the Imum Coeli. Each planet, sign, and fixed star moves in the sky in a similar way. This apparent rising, culminating, setting, and anti-culminating of planets, signs, and fixed stars is associated with Earth's axial rotation, and it is called **primary motion**. From the point of view of an earthbound observer, primary motion is perceived as Earth remaining at rest while the surrounding celestial sphere and everything on it (including the zodiacal belt) rotate about Earth's line of poles.

Secondly, the division of the zodiac into 12 signs is related to Sun's yearly journey along the celestial sphere. In this regard, suppose that we (at a fixed location) were to compare various astrological charts, all for the same time of day, but for different days. As the days go forward in time, we would see chart-wise that Sun moves forward through the signs, which implies that it changes its house location in ascending numerical order. The other planets move mostly in a similar way. This apparent movement of the planets along the zodiac is associated with Earth's orbital motion about Sun, and it is called **secondary motion**.

2. Some Notions

2.1 Ecliptic coordinates
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From the point of view of an earthbound observer, the ecliptic is Sun's annual path along the celestial sphere. This path is nearly a great circle. The plane of the ecliptic is inclined at a slowly varying angle (currently about 23° 26′ 09″) relative to the celestial equatorial plane (which is the same as Earth's equatorial plane). The line of intersection between these planes passes through Earth's center, and it connects the March and September equinox points.

The **ecliptic coordinate system** enables us to specify the location of any point of the celestial sphere in terms of pertinent values of longitude and latitude. **Ecliptic longitude** is essentially angular distance measured along the ecliptic, going from 0° to 360° as we go eastward from Aries 0°. **Ecliptic latitude** is angular distance (along the celestial sphere) from the ecliptic, going from 0° to +90° as we go perpendicularly northward and going from 0° to −90° as we go perpendicularly southward.

TABLE 2.1: Sign and ecliptic longitudes

Sign Longitude	Ecliptic Longitude	Sign Longitude	Ecliptic Longitude
Aries 0°	0°	Libra 0°	180°
Taurus 0°	30°	Scorpio 0°	210°
Gemini 0°	60°	Sagittarius 0°	240°
Cancer 0°	90°	Capricorn 0°	270°
Leo 0°	120°	Aquarius 0°	300°
Virgo 0°	150°	Pisces 0°	330°

In the tropical zodiac, Aries 0° is the March equinox point. As a result of Earth's axial precession, the equinoxes slowly move westward along the ecliptic (that is, backward along the zodiac). Consequently, tropical Aries 0° is usually not the same as sidereal Aries 0°. The angular difference between sidereal Aries 0° and tropical Aries 0° is called the **ayanāṃśa**. Adding the *ayanāṃśa* to a sidereal ecliptic longitude yields its equivalent tropical ecliptic longitude. Note that Earth's axial precession does not affect ecliptic latitude, and so the tropical ecliptic latitude equals the sidereal ecliptic latitude.

We will be using the *ayanāṃśa* called 'True Chitrā 0° Libra', which is based on taking the fixed star *Chitrā* (Spica) to always be at sidereal Libra 0°. Consequently, sidereal Aries 0° is longitudinally opposite *Chitrā*.

TABLE 2.1 shows how ecliptic longitude is related to sign longitude. As an example, suppose that Moon has a sign longitude of Pisces 04° 49′. From the table, we find that Pisces 0° has an ecliptic longitude of 330°. It follows that Moon's ecliptic longitude here is 330° + 04° 49′ = 334° 49′.

Sun's ecliptic latitude is 0° exactly. Moon's ecliptic latitude varies between −05° 28′ and +05° 00′. Mercury's ecliptic latitude varies between −04° 58′ and +03° 45′. Venus's ecliptic latitude varies between −08° 44′ and +08° 49′. Mars's ecliptic latitude varies between −06° 52′ and +04° 34′. Jupiter's ecliptic latitude varies between −01° 40′ and +01° 37′. Saturn's ecliptic latitude varies between −02° 50′ and +02° 48′. For the present, we will take the classical planets to have negligible ecliptic latitudes, effectively taking them to move along the ecliptic.

2.2 Degree-based aspects

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An **aspect** between two astrological entities exists whenever the difference between their ecliptic longitudes is in the vicinity of some signature value carrying astrological meaning. TABLE 2.2a presents the signature separations for aspects that each involve an integer multiple of 30°. An aspect is said to be exact when it has its signature value. For an aspect between planets, we will follow astrologer Mychal A. Bryan by taking the margin of inexactness to be 07° in order for the aspect to be valid. See TABLE 2.2b for pertinent details.

TABLE 2.2a: Aspects

Aspect	Separation	Type	Interaction
Conjunction	0°	major	soft or hard
Semi-sextile	30°	minor	neutral
Sextile	60°	major	soft
Square	90°	major	hard
Trine	120°	major	soft
Quincunx	150°	minor	hard
Opposition	180°	major	hard

As an example, suppose that Moon is at Pisces 04° 49′ and that Venus is at Capricorn 08° 23′. In terms of ecliptic longitudes, Moon is at 334° 49′ and Venus is at 278° 23′. The difference here between their ecliptic longitudes is 334° 49′ − 278° 23′ = 56° 26′. Because this difference is in the vicinity of 60°, it is possible that a sextile exists here.

But does a sextile exist between Moon and Venus here? One way to answer our question involves working with sign degrees. The sign-degree difference here is 08° 23′ − 04° 49′ = 03° 34′. Because 03° 34′ does not exceed 07°, a sextile does exist here. Another way to answer our question involves working with ecliptic degrees. The ecliptic-degree difference is 56° 26′, whose deviation

from the sextile signature value is $60° - 56° \, 26' = 03° \, 34'$. Again, because $03° \, 34'$ does not exceed $07°$, a sextile does exist here.

TABLE 2.2b: Strength of planetary aspects

Inexactness	Aspect Strength
from 05° to 07°	strong
from 03° to 05°	stronger
from 00° to 03°	strongest

Aspects show interactions between astrological entities. An aspect is either 'soft' or 'hard'. A soft aspect indicates a harmonious relationship between the two entities in question. For a soft aspect, little or no effort must be made for the two entities to cooperate (that is, to work together for a common purpose). A hard aspect indicates an inharmonious relationship between the two entities in question. For a hard aspect, suitable effort must be made for the two entities to cooperate.

A **conjunction** is a major aspect that is formed whenever two entities are about 0° apart. It usually involves two entities that have almost the same degree in the same sign. A conjunction is a blending of the actions of the two entities involved. This aspect can be soft or hard.

A **semi-sextile** is a minor aspect that is formed whenever two entities are about 30° apart. It usually involves two entities that have almost the same sign degree in signs that are next-door neighbors. The two signs of a semi-sextile have different genders, different elements, and different modalities. Element-wise, they involve duos of lesser compatible elements. Fire and air do not work so well with earth and water. The difference of gender, element, and modality, together with the lesser compatibility of elements, indicate that the two entities share no common ground (that is, shared beliefs or interests). Nevertheless, this aspect involves next-door neighbors, and so the two entities can potentially build common ground by thinking creatively and making suitable adaptations. We will take the semi-sextile to be neutral.

A **sextile** is a major aspect that is formed whenever two entities are about 60° apart. It usually involves two entities that have almost the same sign degree in signs that are two neighbors away from each other. The two signs of a sextile have the same gender, but different elements and different modalities. Element-wise, they are either a fire-air duo or an earth-water duo. Fire and air support each other; earth and water support each other. The sameness of gender and the compatibility of elements indicate that the two entities share substantial common ground, thereby making this aspect soft.

A **square** is a major aspect that is formed whenever two entities are about 90° apart. It usually involves two entities that have almost the same sign degree in signs that are three neighbors away from each other. The two signs of a square have different genders and different elements, but the same modality. Element-wise, they involve duos of lesser compatible elements. The sameness of modality, together with the difference of gender and lesser compatibility of elements, indicate that

the two entities share little common ground, thereby making this aspect hard. A square often indicates a call for one entity to bring its agenda into line with the agenda of the other entity.

A **trine** is a major aspect that is formed whenever two entities are about 120° apart. It usually involves two entities that have almost the same sign degree in signs that are four neighbors away from each other. The two signs of a trine have the same gender, the same element, but different modalities. The sameness of gender and element indicates that the two entities share substantial common ground, thereby making this aspect soft.

A **quincunx** is a minor aspect that is formed whenever two entities are about 150° apart. It usually involves two entities that have almost the same sign degree in signs that are five neighbors away from each other. The two signs of a quincunx have different genders, different elements, and different modalities. Element-wise, they involve duos of lesser compatible elements. The difference of gender, element, and modality and the lesser compatibility of elements indicate that the two entities share no common ground, thereby making this aspect hard.

An **opposition** is a major aspect that is formed whenever two entities are about 180° apart. It usually involves two entities that have almost the same sign degree in signs that are six neighbors away from each other. The two signs of an opposition have the same gender, compatible elements, and the same modality. The adjective 'opposite' can mean 'being the other of two complementary things' or 'being contrary to one's interests or welfare'. In this regard, the two entities here are two halves that are each acting independently instead of as the whole that they are meant to be. At the very least, an opposition indicates disharmony between the two entities.

In dealing with aspects, we will be using the notion of 'aspect copies'. According to this notion, each planet projects a virtual copy of itself to each point that is at 30°, 60°, 90°, 120°, 150°, and 180° away. Each aspect copy at 30° away has semi-sextile qualities, each aspect copy at 60° away has sextile qualities, each aspect copy at 90° away has square qualities, and so on.

Consider again the sextile example of Moon being at Pisces 04° 49′ and Venus being at Capricorn 08° 23′. Firstly, Moon projects a sextile copy to the point Capricorn 04° 49′, and so Venus experiences the sextile as a conjunction in Capricorn between Moon's sextile copy and itself. Secondly, Venus projects a sextile copy to Pisces 08° 23′, and so Moon experiences the sextile as a conjunction in Pisces between itself and Venus's sextile copy.

An angle (that is, the Ascendant, the Descendant, the Midheaven, or the Imum Coeli) does not project aspect copies. Therefore, whenever there is an aspect between a planet and an angle, the planet is the initiator of the aspect. For such an aspect, we will take the margin of inexactness to be 07° in order for the aspect to be valid.

We may extend the notion of aspects to signs and houses. As an example of a sign-based aspect, two signs have a trine relationship if each one is four neighbors away from the other. As an example of a house-based aspect, two houses have a square relationship if each one is three neighbors away from the other.

2.3 Exact and close aspects
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Regarding angular separation, an aspect is either exact or close. Practically speaking, an **exact aspect** occurs when the two entities in question share the same degree, minute, and second of arc in their respective signs according to the aspect's definition. A **close aspect** occurs when the two entities in question deviate from the aspect's signature angular separation within the margin of inexactness.

A close aspect is said to be **applying** if the pertinent angular separation is decreasing toward the signature value. The model applying aspect involves a direct-motion planet that has a lower sign degree than a slower entity. In this case, the planet's aspect copy is moving toward the slower entity. Here we say that the faster planet is applying to an aspect with the slower entity. An aspect that is applying becomes more potent as it approaches exactness.

A close aspect is said to be **separating** if the pertinent angular separation is increasing from the signature value. The model separating aspect involves a direct-motion planet that has a higher sign degree than a slower entity. In this case, the planet's aspect copy is moving away from the slower planet. Here we say that the faster planet is separating from an aspect with the slower entity. An aspect that is separating becomes less potent as the aspect leaves exactness.

If the faster planet is applying to or separating from a slower entity that is ahead of it in the zodiac, then the aspect is said to be **sinister**. If the faster planet is applying to or separating from a slower entity that is behind it in the zodiac, then the aspect is said to be **dexter**.

TABLE 2.3: Average longitudinal angular speeds

Planet	Angular Speed
Saturn	00° 02′ 01″ per day
Jupiter	00° 04′ 59″ per day
Mars	00° 31′ 27″ per day
Sun	00° 59′ 08″ per day
Venus	01° 12′ 00″ per day
Mercury	01° 23′ 00″ per day
Moon	13° 10′ 35″ per day

TABLE 2.3 presents the average longitudinal angular speed of each classical planet as it moves along the celestial sphere. Arranged from slowest to fastest, these planets are: Saturn, Jupiter, Mars, Sun, Venus, Mercury, and Moon. This speed hierarchy is called the **Chaldean order** of planets, and it may be used to determine whether an aspect is applying or separating.

In the *Tajika* tradition of astrology (which is a blending of Indian and Perso-Arabic astrological traditions), applying and separating aspects are two types of planetary yogas. The Sanskrit noun '**yoga**' means 'joining'. An applying aspect is called an *ithasala yoga*, while a separating aspect is called an *isharafa yoga*. The Sanskrit word '*ithasala*' comes from the Arabic noun '*ittiṣāl*', which means 'making contact'. The Sanskrit word '*isharafa*' comes from the Arabic noun '*inṣirāf*', which means 'turning away'.

Yogas are not limited to the joining of two planets. Let's consider two yogas that each involve the joining of three planets. A **nakta yoga** is formed whenever a faster third planet is in a major aspect with each of two slower planets having no major aspect between them. The Sanskrit word '*nakta*' comes from the Arabic noun phrase '*naql an-nūr*', which means 'translation of light'. A **yamaya yoga** is formed whenever a slower third planet is in a major aspect with each of two faster planets having no major aspect between them. The Sanskrit word '*yamaya*' comes from the Arabic noun phrase '*jamᶜ an-nūr*', which means 'collection of light'. In each of these yogas, the third planet serves as a link between the two planets having no major aspect between them. Each of these three-planet yogas indicates an event that is facilitated by a third party.

2.4 Essential dignity
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Each classical planet has some level of **essential dignity**, which is a measure of how 'good' (full of merit) or 'bad' (flawed) the planet is. If a planet is dignified (that is, having high essential dignity), then it represents someone or something that is contextually good, is helpful, or feels/functions well. If a planet is debilitated (that is, having low essential dignity), then it represents someone or something that is contextually bad, is harmful, or feels/functions unwell.

The essential dignity of a classical planet depends on how well it can 'be itself' in the sign hosting it. A planet has its highest level of essential dignity whenever it is in **domicile** (that is, in a sign that it rules). A planet in domicile is like a person who can 'be himself' because he is in his own home. A planet has its lowest level of essential dignity whenever it is in **exile** (that is, in a sign that is opposite to one it rules). A planet in exile is like a person in a stranger's home – he can 'be himself' to the extent that he complies with the regulations of his host.

If a planet is not in domicile or exile, then it has some intermediate level of essential dignity. Let's consider two intermediate levels: congenial and uncongenial. The adjective 'congenial' means 'suitable to one's nature or needs'. In order to explore the two intermediate levels, let's consider the four triplicities. See TABLE 2.4a for pertinent details.

The fire and air triplicities are opposites because they contain each other's opposite signs. Similarly, the earth and water triplicities are opposites. Note that one meaning of the adjective 'opposite' is 'being the other of two complementary things'. In this regard, opposites are two halves of a whole. Fire and air support each other; earth and water support each other.

It is convenient here to view Sun and Moon as the respective masculine and feminine expressions of a planet called *Luminary*. Each planet is then associated with two triplicities according to TABLE

2.4a. For example, Mars is associated with the fire triplicity because Mars-ruled Aries belongs to that triplicity. Mars is also associated with the water triplicity because Mars-ruled Scorpio belongs to that triplicity.

TABLE 2.4a: The four triplicities

Element	Triplicity	Associated Planetary Rulers
fire	Aries, Leo, Sagittarius	Mars, Sun, Jupiter
earth	Taurus, Virgo, Capricorn	Venus, Mercury, Saturn
air	Gemini, Libra, Aquarius	Mercury, Venus, Saturn
water	Cancer, Scorpio, Pisces	Moon, Mars, Jupiter

TABLE 2.4b: Congeniality by triplicity

Planet	Domicile (100%)	Congenial (60%)	Uncongenial (50%)	Exile (10%)
Sun	LE	AR, CN, SC, SA, PI	TA, GE, VI, LI, CP	AQ
Moon	CN	AR, LE, SC, SA, PI	TA, GE, VI, LI, AQ	CP
Mercury	GE, VI	TA, LI, CP, AQ	AR, CN, LE, SC	SA, PI
Venus	TA, LI	GE, VI, CP, AQ	CN, LE, SA, PI	AR, SC
Mars	AR, SC	CN, LE, SA, PI	GE, VI, CP, AQ	TA, LI
Jupiter	SA, PI	AR, CN, LE, SC	TA, LI, CP, AQ	GE, VI
Saturn	CP, AQ	TA, GE, VI, LI	AR, SC, SA, PI	CN, LE

Fire and air support each other; earth and water support each other. But fire and air do not work so well with earth and water. Here I use these notions to invent a concept that I will refer to as '**congeniality by triplicity**':

- A planet is somewhat dignified whenever it is in a sign belonging to one of its triplicities. Here we say that the hosting sign is congenial to the occupying planet.

- A planet is somewhat debilitated whenever it is in a sign belonging to a triplicity that is opposite its own. Here we say that the hosting sign is uncongenial to the occupying planet.

A planet in a congenial sign is like a person who can somewhat 'be himself' because he is in a welcoming home.

On applying congeniality by triplicity to Luminary, Mars, and Jupiter, we see that they are each somewhat dignified in signs of the fire and water triplicities. Moreover, they are each somewhat debilitated in signs of the air and earth triplicities. In other words, Luminary, Mars, and Jupiter find congeniality in one another's signs, but find uncongeniality in the signs of Mercury, Venus, and Saturn. On applying congeniality by triplicity to Mercury, Venus, and Saturn, we find that they find congeniality in one another's signs, but find uncongeniality in the signs of Luminary, Mars, and Jupiter.

Whenever a planet is in domicile, it is in one of its triplicity signs. Whenever a planet is in exile, it is in a sign belonging to a triplicity that is opposite its own. It follows that we may view domicile and exile as special cases of congeniality by triplicity. TABLE 2.4b uses a percentage ranking system to present the level of essential dignity for each classical planet according to congeniality by triplicity.

TABLE 2.4c: Exaltation and depression

Planet	Exaltation	Depression
Sun	Aries	Libra
Moon	Taurus	Scorpio
Mercury	Virgo	Pisces
Venus	Pisces	Virgo
Mars	Capricorn	Cancer
Jupiter	Cancer	Capricorn
Saturn	Libra	Aries

In addition to essential dignity based on congeniality by triplicity, a classical planet may have essential dignity because of exaltation or depression. A planet in **exaltation** (that is, in a sign that allows an elevated expression) has increased influence and is held in high regard. A planet in **depression** (that is, in the sign that is opposite to its exaltation sign) has diminished influence and is held in low regard. TABLE 2.4c presents the exaltation and depression signs for each classical planet. Note that Gemini, Leo, Sagittarius, and Aquarius are not involved in exaltation and depression.

TABLE 2.4b uses a percentage ranking system to present the level of essential dignity for each classical planet according to congeniality by triplicity. If a classical planet is in Gemini, Leo, Sagittarius, or Aquarius, then its percentage level of essential dignity is simply its table value. If the planet is in any of the other signs, then we will:

- Add 100% to the table value and then average if the planet is in exaltation;

- Add 10% to the table value and then average if the planet is in depression.

By averaging here, we get a value that is no lower than 10% and no higher than 100%. As an example, consider a case in which Venus is in Pisces. Because Pisces is uncongenial triplicity-wise to Venus, we get the table value of 50% essential dignity. But Venus is exalted in Pisces, and so we get $(50\% + 100\%)/2 = 75\%$ as the overall essential dignity for Venus in Pisces.

In exploring intermediate levels of essential dignity, we have used a notion from *Jyotiṣa*, which is the Indian tradition of astrology. The concept of congeniality by triplicity yields results that agree considerably (but not completely) with results coming from the *Jyotiṣa* concept of planetary friends and enemies.

Here is an interesting note on exaltations in terms of sign-based aspects. Sun-ruled Leo makes a trine with Sun's exaltation sign Aries. Jupiter-ruled Pisces makes a trine with Jupiter's exaltation sign Cancer. Saturn-ruled Aquarius makes a trine with Saturn's exaltation sign Libra. Mercury-ruled Gemini makes a square with Mercury's exaltation sign Virgo. Moon-ruled Cancer makes a sextile with Moon's exaltation sign Taurus. Venus-ruled Taurus makes a sextile with Venus's exaltation sign Pisces. Mars-ruled Scorpio makes a sextile with Mars's exaltation sign Capricorn.

2.5 Accidental strength
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Each classical planet has **accidental strength**, which is a measure of its ability to take advantage of external factors in order to achieve its agenda (that is, things to be done). The adjective 'accidental' here means 'occurring according to circumstances'. Having high accidental strength means that circumstances are to one's advantage, and so circumstances open the way for success. Having low accidental strength means that circumstances are not to one's advantage, and so achieving success is a demanding effort.

One determining factor of a planet's accidental strength is the strength of the house hosting it. In his 1647 book *Christian Astrology*, the English astrologer William Lilly ranked the houses from strongest to weakest as follows: 1, 10, 7, 4, 11, 5, 9, 3, 2, 8, 6, 12. A simplified version of this ranking is presented in TABLE 2.5.

The primary consideration for Lilly's ranking is how the houses are connected to H1 (the 1st House) by aspect. With respect to H1, the 10th and 4th Houses are each in square (which is a hard major aspect), the 7th House is in opposition (which is a hard major aspect), the 11th and 3rd Houses are each in sextile (which is a soft major aspect), the 5th and 9th Houses are each in trine (which is a soft major aspect), the 2nd and 12th Houses are each in semi-sextile (which is a minor aspect), and the 8th and 6th Houses are each in quincunx (which is a minor aspect).

TABLE 2.5: Accidental strength by house placement

House Number	House Strength	Connection to H1
1st, 4th, 7th, or 10th	high (100%)	hard major aspect
3rd, 5th, 9th, or 11th	moderate (50%)	soft major aspect
2nd, 6th, 8th, or 12th	low (25%)	minor aspect

Another consideration for Lilly's ranking is whether a house is angular, succedent, or cadent. A planet in an **angular house** takes effective action quickly. The 1st, 4th, 7th, and 10th Houses are angular. A planet in a **succedent house** takes effective action at a relatively good pace. The 2nd, 5th, 8th, and 11th Houses are succedent. A planet in a **cadent house** takes effective action at a very slow pace or not at all. The 3rd, 6th, 9th, and 12th Houses are cadent. Still another consideration for Lilly's ranking is whether a house is above or below the horizon.

Regarding accidental strength, a planet that is stationing represents someone or something that is currently immobile or that is having a change of direction.

2.6 Dispositors
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If Planet *A* is in the domicile of Planet *B*, then Planet *B* is said to be the **dispositor** of Planet *A*. Another way to express the situation here is to say that Planet *B* disposes Planet *A*. In this context, the verb 'dispose' means 'to determine the outcome of'. For example, if Venus is in Mercury-ruled Gemini, then Mercury is the dispositor of Venus. In other words, Mercury disposes Venus.

If Planet *A* is in the domicile of Planet *B*, then Planet *A* is in a sign where Planet *B* has a high level of essential dignity. In this regard, we may extend the definition of a dispositor to include exaltation. More specifically, if Planet *A* is in sign *S*, then its dispositors are the domicile ruler of sign *S* and the planet that is exalted in sign *S*. For example, if Mars is in Pisces, then its dispositors are Jupiter (the domicile ruler) and Venus (the exaltation ruler). We will refer to the dispositor by domicile as the **primary dispositor**.

In his blog post *The Essential Role of Dispositors in Horary* (13 March 2021), astrologer Anthony Louis states that:

> "The theory behind dispositorship is anthropomorphic and straightforward. If I am a planet visiting your home, then I am dependent on you for the resources at my disposal to accomplish my aims."

If Planet *B* disposes Planet *A*, then this situation indicates that Planet *A* is subject to Planet *B*.

3. SOME HORARY ASTROLOGY

3.1 The horary-astrology rubric
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Horary astrology is based on the belief that the answer to a query can be determined by casting an astrological chart for the query's time and place of birth. This chart is called a **horary chart**, and the person who is primarily asking the question is called the **querent**. The person(s) or thing(s) that are asked about are called the **quesited**. The query's time of birth is the instant when the querent communicates his query to the astrologer. The query's place of birth is the querent's location when he communicates his query to the astrologer.

In his book *Predictive Astrology Textbook*, astrologer Alexey Borealis presents criteria that show the querent's matter of concern. In this regard, Moon's primary dispositor indicates what is on the querent's mind with regard to the query. Moreover, Moon's house location shows an area of life that is of great interest to the querent. We will use these two criteria to clarify the query.

Each house of an astrological chart is represented by its **house lord**, which is the planet that rules the sign tied to the house cusp. For example, if Venus-ruled Libra is tied to the 9th-House cusp, then Venus is the 9th-House lord.

In horary astrology, the **querent's significator** is the lord of the house that refers to the querent. The 1st House refers to the querent, and so the 1st-House lord is the querent's significator. The **quesited's significator** is the lord of the house that refers to the quesited. In most cases, Moon is a co-significator of the querent, but there are some cases in which it is the quesited's significator instead.

In order to get the query's answer, we will apply the following **horary-astrology rubric**:

- **STEP #H1:** Identify the querent's significator. Assess its essential dignity and accidental strength.

- **STEP #H2:** Identify the quesited's significator. Assess its essential dignity and accidental strength.

- **STEP #H3:** Assess Moon's essential dignity and accidental strength.

- **STEP #H4:** Give thought to other noteworthy considerations. One such consideration could be occupants of the respective houses of the querent and the quesited.

- **STEP #H5:** Look for major aspects among the querent, the quesited, and Moon.

- **STEP #H6:** Make a judgment.

This rubric (that is, set of procedural rules) is presented by astrologer Mychal A. Bryan in his books *Mastering Traditional Astrology* and *Horary Astrology & the Natal Promise*.

The horary-astrology rubric calls us to make use of the following tools of chart analysis:

- **Essential dignity:** This tool shows a significator's quality. Is the significator good or bad? Is it intrinsically helpful or harmful? Does it feel/function well or unwell?

- **Accidental strength:** This tool shows a significator's ability to take advantage of external factors in order to achieve its agenda. Will the significator triumph? Will it persist?

- **Dispositors:** This tool shows a significator's dependence on another entity. What are the circumstances under which the significator is operating? Is the significator under another's control?

- **Exact aspects:** This tool shows events in which two significators come into contact with each other. If a major aspect is inexact by X degrees, then it indicates that the two pertinent entities will come together in X time units (whether hours, days, weeks, months, or years).

- **Close aspects:** This tool uses close aspects to show a relationship between two significators that occurs over a period of time. This relationship could be a long-term connection, a long-term influence, or a process.

These tools are often adequate for answering the query.

Each classical planet serves as the representative of its house(s) via its accidental role as the house lord. Moreover, each classical planet is the natural representative of some subset of persons, places, or things. We will follow astrologer Mychal A. Bryan by interpreting what a planet is doing firstly as an accidental representative and secondly as a natural representative.

As declared in Section 1.6, we will be using the sidereal zodiac and the whole-sign house system as our foundation, overlaying Porphyry houses as nuances.

IMPORTANT COMMENTS: No matter how good or bad your situation may be, seek divine help through prayerful affirmations and other suitable magical work. Be mindful that the power of God is within you, and so you can transcend any circumstance, habit, or personality trait. Tap into your divine power by cultivating good character and wisdom.

3.2 A 3rd-House query: A possible trip
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Back in the fall of 2020, I considered driving my car to New Orleans, Louisiana in order to visit my friend JRM around his birthday in November. On Friday, 23 October 2020 at 01:38 pm, EDT, the following question formed in my mind:

Query: I am considering visiting the New Orleans metro area around the time of my friend JRM's birthday. Would making this visit result in good fortune for me?

FIGURE 3.2 presents the pertinent horary chart in terms of sidereal whole-sign houses. The *ayanāṃśa* here is about 24° 08′ according to True Chitrā 0° Libra.

FIGURE 3.2: The horary chart

(PC11) 04:17 (PC12) 27:43 12th SC	Su 06:38 (PC10) 10:51 Me 11:12 R 11th LI	Ve 00:37 (PC9) 04:17 10th VI	 9th LE	(PC8) 27:43 8th CN
(PC1) 21:09 Ju 25:49 1st SA	**Aakhut Em Bak** (Horary Chart) A proposed drive to New Orleans Friday, 23 OCT 2020 at 13:38 EDT Atlanta, GA (33° 45′ N; 84° 23′ W)			(PC7) 21:09 7th GE
Sa 01:42 Mo 08:45 (PC2) 27:43 2nd CP	 3rd AQ	(PC3) 04:17 Ma 24:02 R 4th PI	(PC4) 10:51 5th AR	(PC5) 04:17 (PC6) 27:43 6th TA

Let's use Moon to clarify the query. Firstly, Moon's primary dispositor indicates what is on the querent's mind with regard to the query. For Moon in Capricorn, its primary dispositor is Saturn. As the lord of Aquarius 3rd House (short-distance travel) and Capricorn 2nd House (supportive persons or things; portable property), Saturn refers to my concern about my car being supportive to my proposed drive. Secondly, Moon's house location shows an area of life that is of great interest to the querent. Moon is in the part of the 2nd House (supportive persons or things; portable property) that is nuanced by PH1 (the querent and his physical vehicle). This house location indicates that the condition of my car is a matter of importance.

Now that we have clarified the query, let's use the horary-astrology rubric to get the answer.

STEP #H1: Firstly, let's identify the querent's significator. I am the querent, and so Jupiter (the 1st-House lord) is the querent's significator. Secondly, let's assess the essential dignity and accidental strength of the querent's significator:

> **Jupiter in Sagittarius 1st House:** Sagittarius is Jupiter's domicile, thereby allowing 100% essential dignity. Therefore, Jupiter is in good condition. Jupiter is in the part of the 1st House that is nuanced by PH1, both houses referring to the querent. The 1st House and PH1 each allow 100% accidental strength. Therefore, Jupiter's overall accidental strength is $(100\% + 100\%)/2 = 100\%$, and so circumstances are to Jupiter's advantage.

I (the querent) am in good condition, and circumstances are to my advantage.

STEP #H2: Firstly, let's identify the quesited's significator. The quesited pertains to my proposed trip, which is associated with the 3rd House (short-distance travel). Because Saturn-ruled Aquarius is tied to the 3rd House, Saturn is the 3rd-House lord and hence the quesited's significator. Secondly, let's assess the essential dignity and accidental strength of the quesited's significator:

Saturn in Capricorn 2nd House: Capricorn is Saturn's domicile, thereby allowing 100% essential dignity. Therefore, Saturn is in good condition. Saturn is in the part of the 2nd House (supportive persons or things) that is nuanced by PH1 (the querent and his physical vehicle). The 2nd House allows 50% accidental strength, while PH1 allows 100% accidental strength. Therefore, Saturn's overall accidental strength is $(50\% + 100\%)/2 = 75\%$, and so circumstances are to Saturn's advantage.

My proposed trip (the quesited) is a good plan, and circumstances are to its advantage.

STEP #H3: The query clarification suggests that Moon represents my car. Note that Moon is a co-significator of the querent, and it is the natural representative of short-term travel. Let's assess Moon's essential dignity and accidental strength:

Moon in Capricorn 2nd House: Capricorn is uncongenial to Moon, thereby allowing 50% essential dignity. Therefore, Moon is somewhat in good condition. Moon is in the part of the 2nd House (supportive persons or things; portable property) that is nuanced by PH1 (the querent and his physical vehicle). The 2nd House allows 50% accidental strength, while PH1 allows 100% accidental strength. Therefore, Moon's overall accidental strength is $(50\% + 100\%)/2 = 75\%$, and so circumstances are to Moon's advantage.

My car is somewhat in good condition, and circumstances are to its advantage.

STEP #H4: Let's give thought to other noteworthy considerations. There is nothing in this regard.

STEP #H5: Let's look for major aspects among the querent, the quesited, and Moon. Jupiter (the querent) is applying to a conjunction with Saturn (the quesited):

Jupiter-Saturn conjunction: As the lord of Pisces 4th House (comfort and security) and Sagittarius 1st House (the querent), Jupiter refers to me as someone seeking safety. As the lord of Aquarius 3rd House (short-distance travel) and Capricorn 2nd House (supportive persons or things; portable property), Saturn refers to my proposed trip as occurring in my car. The applying conjunction here indicates an opportunity for me to have a safe trip in my car.

Taking my proposed drive can result in good fortune for me.

STEP #H6: I am the astrologer, and here is my judgment. Apart from my car being somewhat in good condition, my proposed trip seems favorable. Unless I give attention to my car being roadworthy, I will not make the proposed trip.

COMMENTS: At the time when I cast the chart for the query here, I didn't understand what it was telling me. Nevertheless, I felt uncomfortable about driving out of town, and so I remained in Atlanta around the time of JRM's birthday. It was during that time that my car battery failed and needed to be replaced.

3.3 A 6th-House query: My battle against diabetes
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In early 2022, I was given the bad news of having a condition of type-2 diabetes. After making many prayerful affirmations and changing my diet, I have come to the point of moderating my blood sugar without the use of medications. On Wednesday, 29 January 2025 at 08:00 am, EST, the following question formed in my mind:

Query: Is my body mending from diabetes?

FIGURE 3.3 presents the pertinent horary chart in terms of sidereal whole-sign houses. The *ayanāṃśa* here is about 24° 11′ according to True Chitrā 0° Libra.

FIGURE 3.3: The horary chart

(PC11) 02:21 (PC12) 27:09 12th SA	(PC10) 07:33 11th SC	(PC9) 02:21 10th LI	 9th VI	(PC8) 27:09 8th LE
Me 08:07 Su 15:40 Mo 15:53 (PC1) 21:57 1st CP	**Aakhut Em Bak** (Horary Chart) Is my body mending from diabetes? Wednesday, 29 JAN 2025 at 08:00 EST Atlanta, GA (33° 45′ N; 84° 23′ W)			(PC7) 21:57 7th CN
Sa 22:57 (PC2) 27:09 2nd AQ	Ve 01:15 3rd PI	(PC3) 02:21 4th AR	(PC4) 07:33 Ju 17:08 R 5th TA	(PC5) 02:21 Ma 27:01 R (PC6) 27:09 6th GE

Let's use Moon to clarify the query. Firstly, Moon's primary dispositor indicates what is on the querent's mind with regard to the query. For Moon in Capricorn, its primary dispositor is Saturn. As the lord of Aquarius 2nd House (supportive persons or things) and Capricorn 1st House (the querent's physical body and its health), Saturn refers to my concern about my physical body being supportive to good health. Secondly, Moon's house location shows an area of life that is of great interest to the querent. Moon is in the part of the 1st House (the querent's physical body and its health) that is nuanced by PH12 (chronic illness). This house location indicates that I am concerned about my diabetes condition.

Now that we have clarified the query, let's use the horary-astrology rubric to get the answer.

STEP #H1: Firstly, let's identify the querent's significator. I am the querent, and so Saturn (the 1st-House lord) is the querent's significator. Secondly, let's assess the essential dignity and accidental strength of the querent's significator:

Saturn in Aquarius 2nd House: Aquarius is Saturn's domicile, thereby allowing 100% essential dignity. Therefore, Saturn is in good condition. Saturn is in the part of the 2nd House (supportive persons or things) that is nuanced by PH1 (the querent's physical body and its health). Therefore, Saturn's overall accidental strength is $(25\% + 100\%)/2 = 62.5\%$, and so circumstances are to Saturn's advantage.

I (the querent) am in good condition because my body is supportive to good health, and circumstances favor my body to heal.

STEP #H2: Firstly, let's identify the quesited's significator. The quesited pertains to my diabetes condition, which is associated with the 12th House (chronic illness). Because Jupiter-ruled Sagittarius is tied to the 12th House, Jupiter is the 12th-House lord and hence the quesited's significator. Diabetes is a chronic condition that is primarily linked to issues with the pancreas. In medical astrology, Jupiter refers to the pancreas. Secondly, let's assess the essential dignity and accidental strength of the quesited's significator:

Jupiter in Taurus 5th House: Taurus is uncongenial to Jupiter, thereby allowing 50% essential dignity. Therefore, Jupiter is somewhat in good condition. Jupiter is in the part of the 5th House (overdoing pleasure) that is nuanced by PH4 (comfort and security). The 5th House allows 50% accidental strength, while PH4 allows 100% accidental strength. Therefore, Jupiter's overall accidental strength is $(50\% + 100\%)/2 = 75\%$, and so circumstances are to Jupiter's advantage.

My diabetes condition (the quesited) is somewhat strong, and circumstances favor it to persist.

STEP #H3: Moon is a co-significator of the querent, and it is the natural representative of the digestive system. Let's assess Moon's essential dignity and accidental strength:

Moon in Capricorn 1st House: Capricorn is uncongenial to Moon, thereby allowing 50% essential dignity. Therefore, Moon is somewhat in good condition. Moon is in the part of the 1st House (the querent's physical body and its health) that is nuanced by PH12 (chronic illness). The 1st House allows 100% accidental strength, while PH12 allows 25% accidental strength. Consequently, Moon's overall accidental strength is $(100\% + 25\%)/2 = 62.5\%$. Therefore, circumstances are to Moon's advantage.

In light of the foregoing, Moon refers to digestive illness. My digestive illness is somewhat strong, and circumstances favor it to persist.

STEP #H4: Let's give thought to other noteworthy considerations. Along with Moon, Sun and Mercury are in the part of the 1st House (the querent's physical body and its health) that is nuanced by PH12 (chronic illness). Sun is the natural representative of the will to survive. Mercury is the natural representative of the nervous system, and I take it to refer to the mild nerve damage (in my feet) that accompanies my diabetes condition. Moon and Mercury are each in conjunction with Sun, and their proximity to Sun is a visual representation of my illness being burned up by my will to survive.

STEP #H5: Let's look for major aspects among the querent, the quesited, and Moon. Jupiter (the quesited) is separating from a dexter square with Saturn (the querent):

Jupiter-Saturn square: As the lord of Pisces 3rd House (illness persistence) and Sagittarius 12th House (chronic illness), Jupiter refers to persistence of my diabetes condition. Note that we are viewing the 3rd House here as the derived 4th House (comfort and security) with respect to the 12th House (chronic illness). As the lord of Aquarius 2nd House (supportive persons or things) and Capricorn 1st House (the querent's physical body and its health), Saturn refers to my physical body being supportive to good health. The separating square here indicates that I am already bringing my diabetes condition into line with my agenda of having good bodily health.

Moon is applying to a sinister trine with Jupiter.

Moon-Jupiter trine: As previously stated, Moon refers to my digestive illness. As the lord of Cancer 7th House (bodily death or bodily harm), Moon refers to the danger posed by my digestive illness. Moreover, as previously stated, Jupiter refers to persistence of my diabetes condition. The applying trine here indicates an opportunity for my digestive illness to help my diabetes condition to persist.

The gut microbiome is the variety of bacteria and other microorganisms living in the digestive tract. An unhealthy gut microbiome can lead to type-2 diabetes.

STEP #H6: I am the astrologer, and here is my judgment. My body is in good condition and is able to heal. My diabetes condition is gradually abating. In order to further my well-being, I must pay attention to my gut microbiome.

COMMENTS: On Thursday, 30 January 2025, I posed the query here to the *Yì-Jīng* Oracle. The response was Hexagram 02 (KŪN, 'submissiveness'), which corresponds to astrological Moon. In medical astrology, Moon refers to the digestive system.

3.4 A 7th-House query: Racial relations in America
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On Saturday, 15 February 2025 at 07:58 am, EST, the following question formed in my mind:

Query: What are African Americans to learn from our historical interactions with Caucasian Americans in this country?

FIGURE 3.4 presents the pertinent horary chart in terms of sidereal whole-sign houses. The *ayanāṃśa* here is about 24° 11′ according to True Chitrā 0° Libra.

African Americans are an American ethno-racial group consisting of partial or total ancestry from any of the dark-skinned racial groups of Africa. Caucasian Americans are an American ethno-racial group consisting of partial or total ancestry from any of the pale-skinned racial groups of Europe. Note that ethnic identity is based on cultural characteristics, while racial identity is based on physical characteristics. African Americans are the 'we' group to which I (the querent) belong. Therefore, the term 'querent' may be extended here to refer to African Americans as a group.

In the 1500s, European colonial powers began establishing plantations in the Americas in order to produce cash crops like sugar, tobacco, and cotton. These Caucasian powers turned to enslaving

African captives in order to acquire the labor force in support of their plantation industry. Even after the 1865 abolition of slavery in this country, there has been a power differential in which Caucasian Americans have abused African Americans. A power differential is an imbalance of power in a relationship where one individual or group has more authority, influence, or control than another. In the presence of the aforementioned racial power differential, there cannot be racial harmony, which is the peaceful coexistence and respectful cooperation of people from diverse racial and ethnic backgrounds within a society.

FIGURE 3.4: The horary chart

(PC12) 17:15 12th CP	(PC11) 20:02 11th SA	(PC10) 22:49 10th SC	(PC9) 20:02 9th LI	Mo 06:24 (PC8) 17:15 8th VI
Su 02:53 Me 07:42 (PC1) 14:29 Sa 24:52 1st AQ		**Aakhut Em Bak** (Horary Chart) Racial relations in America Saturday, 15 FEB 2025 at 07:58 EST Atlanta, GA (33° 45′ N; 84° 23′ W)		(PC7) 14:29 7th LE
Ve 12:48 (PC2) 17:15 2nd PI	(PC3) 20:02 3rd AR	Ju 17:17 (PC4) 22:49 4th TA	(PC5) 20:02 Ma 23:16 R 5th GE	(PC6) 17:15 6th CN

Let's use Moon to clarify the query. Firstly, Moon's primary dispositor indicates what is on the querent's mind with regard to the query. For Moon in Virgo, its primary dispositor is Mercury. As the lord of Gemini 5th House (personal interests) and Virgo 8th House (unwholesome communal influences), Mercury refers to my concern about unwholesome influences that have plagued the African-American community. Note that we are viewing the 8th House here as the derived 6th House (unwholesome influences) with respect to the 3rd House (community). Secondly, Moon's house location shows an area of life that is of great interest to the querent. Moon is in the part of the 8th House (unwholesome communal influences) that is nuanced by PH7 (opponents). This house location indicates that I am greatly interested in how opponents have afflicted the African-American community.

Now that we have clarified the query, let's use the horary-astrology rubric to get the answer.

STEP #H1: Firstly, let's identify the querent's significator. African Americans (as an ethno-racial group) are the querent, and so Saturn (the 1st-House lord) is the querent's significator. Secondly, let's assess the essential dignity and accidental strength of the querent's significator:

Saturn in Aquarius 1st House: Aquarius is Saturn's domicile, thereby allowing 100% essential dignity. Therefore, Saturn is in good condition. Saturn is in the part of the 1st House

that is nuanced by PH1, both houses referring to the querent and his overall quality of life. Therefore, Saturn's overall accidental strength is $(100\% + 100\%)/2 = 100\%$, and so circumstances are to Saturn's advantage.

African Americans (the querent) are in good condition, and circumstances favor them to further their well-being.

STEP #H2: Firstly, let's identify the quesited's significator. The quesited pertains to Caucasian Americans as an ethno-racial group, which is referred to by the 7th House (someone else). Because Sun-ruled Leo is tied to the 7th House, Sun is the 7th-House lord and hence the quesited's significator. Secondly, let's assess the essential dignity and accidental strength of the quesited's significator:

Sun in Aquarius 1st House: Aquarius is Sun's exile, thereby allowing 10% essential dignity. Therefore, Sun is in bad condition. Sun is in the part of the 1st House (the querent and his overall quality of life) that is nuanced by PH12 (trying situations; hidden enemies). The 1st House allows 100% accidental strength, while PH12 allows 25% accidental strength. Therefore, Sun's overall accidental strength is $(100\% + 25\%)/2 = 62.5\%$, and so circumstances are to Sun's advantage. Saturn (the house lord) disposes Sun, and so Sun is somehow dependent on it.

Caucasian Americans (the quesited) are in bad condition, but circumstances favor them to take advantage of African Americans in order to achieve their goals.

STEP #H3: Moon is a co-significator of the querent. As the lord of Cancer 6th House (unwholesome influences; subordinates), Moon refers to African Americans as being subject to unwholesome influences. Let's assess Moon's essential dignity and accidental strength:

Moon in Virgo 8th House: Virgo is uncongenial to Moon, thereby allowing 50% essential dignity. Therefore, Moon is somewhat in good condition. Moon is in the part of the 8th House (an ending that facilitates transformation) that is nuanced by PH7 (heavenly cooperation). The 8th House allows 25% accidental strength, while PH7 allows 100% accidental strength. Therefore, Moon's overall accidental strength is $(25\% + 100\%)/2 = 62.5\%$, and so circumstances are to Moon's advantage.

With the help of heavenly hands, African Americans can prevail over unwholesome influences.

STEP #H4: Let's give thought to other noteworthy considerations. Mercury is separating from a conjunction with Sun (the quesited). As previously stated, Mercury refers to unwholesome influences that have plagued the African-American community. As the lord of Leo 7th House (someone else; opponents), Sun refers to Caucasian Americans as being an adversarial authoritative influence. The Mercury-Sun conjunction indicates that Caucasian Americans have been a source of unwholesome influences in the African-American community.

STEP #H5: Let's look for major aspects among the querent, the quesited, and Moon. Moon (the querent) is separating from a sinister quincunx with Sun (the quesited):

Moon-Sun quincunx: As previously stated, Moon refers to African Americans as being subject to unwholesome influences. Moreover, as previously stated, Sun refers to Caucasian

Americans as being an adversarial authoritative influence. The separating quincunx here indicates that there has been no common ground between Moon and Sun.

Note that the quincunx is a hard minor aspect.

STEP #H6: I am the astrologer, and here is my judgment. There is a power differential in which Caucasian Americans have abused African Americans. In this regard, the historical interactions between African Americans and Caucasian Americans have been mostly negative.

COMMENTS: On Saturday, 15 February 2025, I posed the query here to the *Yì-Jīng* Oracle. The response was Hexagram 23 (Bō, 'deteriorating') changing at Lines 4 and 6, thereby showing Hexagram 16 (YÙ, 'enthusiasm'). Caucasian Americans (an ethno-racial group) have been a force of deterioration that has weakened the well-being of African Americans. Nevertheless, African Americans are advised to take action that is aimed at faring well in the long run.

3.5 A 9th-House query: Improving my astrology skills
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On Tuesday, 24 December 2024 at 09:42 am, EST, the following question formed in my mind:

Query: How might I best improve my skills as an astrologer?

FIGURE 3.5 presents the pertinent horary chart in terms of sidereal whole-sign houses. The *ayanāṃśa* here is about 24° 11′ according to True Chitrā 0° Libra.

FIGURE 3.5: The horary chart

Su 09:05 (PC12) 15:47 12th　　SA	Me 17:08 (PC11) 21:52 11th　　SC	(PC10) 27:57 10th　　LI	(PC9) 21:52 Mo 27:13 9th　　VI	(PC8) 15:47 8th　　LE
(PC1) 09:42 Ve 25:27 1st　　CP		**Aakhut Em Bak** (Horary Chart) Improving my astrology skills Tuesday, 24 DEC 2024 at 09:42 EST Atlanta, GA (33° 45′ N; 84° 23′ W)	(PC7) 09:42 Ma 09:50 R 7th　　CN
(PC2) 15:47 Sa 19:48 2nd　　AQ	(PC3) 21:52 3rd　　PI	(PC4) 27:57 4th　　AR	Ju 19:51 R (PC5) 21:52 5th　　TA	(PC6) 15:47 6th　　GE

Let's use Moon to clarify the query. Firstly, Moon's primary dispositor indicates what is on the querent's mind with regard to the query. For Moon in Virgo, its primary dispositor is Mercury.

As the lord of Gemini 6th House (being of service to others) and Virgo 9th House (spiritual or professional know-how), Mercury refers to my concern about using astrology to be of service to others. Secondly, Moon's house location shows an area of life that is of great interest to the querent. Moon is in the part of the 9th House that is nuanced by PH9, both houses referring to spiritual or professional know-how. This house location indicates that I am greatly interested in acquiring astrological know-how.

Now that we have clarified the query, let's use the horary-astrology rubric to get the answer.

STEP #H1: Firstly, let's identify the querent's significator. I am the querent, and so Saturn (the 1st-House lord) is the querent's significator. Secondly, let's assess the essential dignity and accidental strength of the querent's significator:

> **Saturn in Aquarius 2nd House:** Aquarius is Saturn's domicile, thereby allowing 100% essential dignity. Therefore, Saturn is in good condition. Saturn is in the part of the 2nd House that is nuanced by PH2, both houses referring to supportive persons or things. The 2nd House and PH2 each allow 25% accidental strength. Therefore, Saturn's overall accidental strength is $(25\% + 25\%)/2 = 25\%$, and so achieving success is a demanding effort for Saturn.

I have it within me to become a good astrologer, but I must work hard at improving my astrology skills.

STEP #H2: Firstly, let's identify the quesited's significator. The quesited pertains to astrological know-how, which is associated with the 9th House (spiritual or professional know-how). Because Mercury-ruled Virgo is tied to the 9th House, Mercury is the 9th-House lord and hence the quesited's significator. Secondly, let's assess the essential dignity and accidental strength of the quesited's significator:

> **Mercury in Scorpio 11th House:** Scorpio is uncongenial to Mercury, thereby allowing 50% essential dignity. Therefore, Mercury is somewhat in good condition. Mercury is in the part of the 11th House (fulfilling one's wishes) that is nuanced by PH10 (achieving something significant). The 11th House allows 50% accidental strength, while PH10 allows 100% accidental strength. Therefore, Mercury's overall accidental strength is $(50\% + 100\%)/2 = 75\%$, and so circumstances are to Mercury's advantage.

Improving my astrology skills is doable.

STEP #H3: Moon is a co-significator of the querent, and it is the natural representative of stages of change. Moon refers to me as being engaged in a learning process. Let's assess Moon's essential dignity and accidental strength:

> **Moon in Virgo 9th House:** Virgo is uncongenial to Moon, thereby allowing 50% essential dignity. Therefore, Moon is somewhat in good condition. Moon is in the part of the 9th House that is nuanced by PH9, both houses referring to spiritual or professional know-how. The 9th House and PH9 each allow 50% accidental strength. Therefore, Moon's overall accidental strength is $(50\% + 50\%)/2 = 50\%$, and so circumstances are somewhat to Moon's advantage.

Learning astrology is doable.

STEP #H4: Let's give thought to other noteworthy considerations. There is nothing in this regard.

STEP #H5: Let's look for major aspects among the querent, the quesited, and Moon. Mercury (the quesited) is applying to a sinister square with Saturn (the querent):

> **Mercury-Saturn square:** As previously stated, Mercury refers to me as using astrology to be of service to others. As the lord of Aquarius 2nd House (supportive persons or things) and Capricorn 1st House (the querent), Saturn refers to me as becoming astrologically resourced (that is, having all the resources necessary to function properly). The applying square here indicates a call for me to bring my astrological know-how into line with me being of service to others.

Improving my astrology skills involves diligent, unselfish efforts.

STEP #H6: I am the astrologer, and here is my judgment. The way is open for me to make progress in furthering my astrological know-how with an aim to help others.

COMMENTS: On Wednesday, 25 December 2024, I posed the query here to the *Yì-Jīng* Oracle. The response was Hexagram 54 (GUĪ MÈI, 'the junior wife') changing at Lines 2 and 4, thereby showing Hexagram 24 (FÙ, 'returning'). I am advised here to follow due process. Regarding the query, this means learning fundamental astrological knowledge and skills, listening to elder astrologers, finding out what truly matters, and complying with ethical standards of behavior.

3.6 Someone else's query
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My friend TJB is divorced from his former wife, who has been denying him the opportunity to spend quality time with their son BB. On Friday, 31 January 2025 at 10:58 pm, CST, my friend TJB (in New Orleans, Louisiana) presented the following query to me (in Atlanta, Georgia) during a telephone conversation.

> **Query:** How might I best help my son BB at this time?

FIGURE 3.6 presents the pertinent horary chart in terms of sidereal whole-sign houses. The *ayanāṃśa* here is about 24° 11′ according to True Chitrā 0° Libra.

Let's use Moon to clarify the query. Firstly, Moon's primary dispositor indicates what is on the querent's mind with regard to the query. For Moon in Aquarius, its primary dispositor is Saturn. As the lord of Aquarius 6th House (being of service to others) and Capricorn 5th House (children), Saturn refers to TJB's concern about being a helpful parent to his son. Secondly, Moon's house location shows an area of life that is of great interest to the querent. Moon is in the part of the 6th House (being of service to others) that is nuanced by PH5 (children). This house location indicates that it is important to TJB that he be a helpful parent to his son.

Now that we have clarified the query, let's use the horary-astrology rubric to get the answer.

FIGURE 3.6: The horary chart

(PC12) 28:57	(PC11) 29:28	Ma 26:12 R (PC10) 29:59	Ju 17:05 R (PC9) 29:28	(PC8) 28:57
12th LE	11th CN	10th GE	9th TA	8th AR

(PC1) 28:27		Ve 03:24 (PC7) 28:27
1st VI	**TJB** (Horary Chart) Helping my son BB Friday, 31 JAN 2025 at 22:58 CST New Orleans, LA (29° 57′ N; 90° 05′ W)	7th PI

(PC2) 28:57	(PC3) 29:28	(PC4) 29:59	Me 12:31 Su 18:23 (PC5) 29:28	Sa 23:14 Mo 23:43 (PC6) 28:57
2nd LI	3rd SC	4th SA	5th CP	6th AQ

STEP #H1: Firstly, let's identify the querent's significator. My friend TJB is the querent, and so Mercury (the 1st-House lord) is the querent's significator. Secondly, let's assess the essential dignity and accidental strength of the querent's significator:

> **Mercury in Capricorn 5th House:** Capricorn is congenial to Mercury, thereby allowing 60% essential dignity. Therefore, Mercury is in good condition. Mercury is in part of the 5th House (children) that is nuanced by PH4 (parents). The 5th House allows 50% accidental strength, while PH4 allows 100% accidental strength. Therefore, Mercury's overall accidental strength is $(50\% + 100\%)/2 = 75\%$, and so circumstances are to Mercury's advantage.

TJB has it within himself to be a good father, and circumstances favor him to help his son BB.

STEP #H2: Firstly, let's identify the quesited's significator. The quesited pertains to TJB's son BB, who is associated with the 5th House (children). Because Saturn-ruled Capricorn is tied to the 5th House, Saturn is the 5th-House lord and hence the quesited's significator. Secondly, let's assess the essential dignity and accidental strength of the quesited's significator:

> **Saturn in Aquarius 6th House:** Aquarius is Saturn's domicile, thereby allowing 100% essential dignity. Therefore, Saturn is in good condition. Saturn is in the part of the 6th House (being of service to others) that is nuanced by PH5 (children). The 6th House allows 25% accidental strength, while PH5 allows 50% accidental strength. Therefore, Saturn's overall accidental strength is $(25\% + 50\%)/2 = 37.5\%$, and so achieving success is a demanding effort for Saturn.

BB has it within himself to be a good son, but cultivating a wholesome father-son relationship is a demanding effort.

STEP #H3: Moon is a co-significator of the querent, and it is the natural representative of nurturers. As the lord of Cancer 11th House (fulfilling one's wishes), Moon refers to TJB as wishing to be a nurturing father. Let's assess Moon's essential dignity and accidental strength:

> **Moon in Aquarius 6th House:** Aquarius is uncongenial to Moon, thereby allowing 50% essential dignity. Therefore, Moon is somewhat in good condition. Moon is in the part of the 6th House (being of service to others) that is nuanced by PH5 (children). The 6th House allows 25% accidental strength, while PH5 allows 50% accidental strength. Therefore, Moon's overall accidental strength is $(25\% + 50\%)/2 = 37.5\%$, and so achieving success is a demanding effort for Moon.

TJB must work at fulfilling his wish to be a nurturing father.

STEP #H4: Let's give thought to other noteworthy considerations. In the quesited's house, Mercury (the querent) is applying to a conjunction with Sun:

> **Mercury-Sun conjunction:** As the lord of Gemini 10th House (achieving something significant) and Virgo 1st House (the querent), Mercury refers to TJB as working to achieve a wholesome father-son relationship. As the lord of Leo 12th House (unpleasant limitations), Sun refers to TJB as experiencing unpleasant limitations on his fatherhood. Note that Sun is the natural representative of fathers. The applying conjunction here indicates an opportunity to have a wholesome father-son relationship.

Mercury and Sun both represent TJB, and the presence of the Mercury-Sun conjunction in BB's house indicates that TJB has made an impression in BB's life.

STEP #H5: Let's look for major aspects among the querent, the quesited, and Moon. Moon (the querent) is separating from a conjunction with Saturn (the quesited):

> **Moon-Saturn conjunction:** As previously stated, Moon refers to TJB as wishing to be a nurturing father. Moreover, as previously stated, Saturn refers to TJB as being a helpful parent to his son. The separating conjunction here indicates that TJB has already made some progress in achieving a wholesome father-son relationship.

TJB will eventually achieve a wholesome relationship with his son BB.

STEP #H6: I am the astrologer, and here is my judgment. By being of service, TJB can help his son. The blogger Steve Errey stated: "A somewhat whimsical and naïve view perhaps, but giving without expectation of receiving is the truest definition of being of service."[4]

COMMENTS: On Friday, 31 January 2025, I posed the query here to the *Yì-Jīng* Oracle. The response was Hexagram 42 (Yì, 'increasing') with no changing lines. TJB will experience a major improvement or increase because of his reverent commitment to God, and he is advised to do the good that God has enabled him to do.

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[4] Errey, Steve, *The 8 Laws of Being of Service* (23 July 2012), < https://copyblogger.com/being-of-service/>.

4. SOME NATAL ASTROLOGY

4.1 Introduction
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Natal astrology is a system of astrology that is based on the belief that a person's potential (that is, latent but unrealized abilities), opportunities, and challenges can be determined by casting an astrological chart for the person's time and place of birth. This chart is called a **natal chart**, and the person for whom it is cast is called the **native**.

NOTE: As declared in Section 1.6, we will be using the sidereal zodiac and the whole-sign house system as our foundation, overlaying Porphyry houses as nuances.

Each house of an astrological chart is represented by its **house lord**, which is the planet that rules the sign tied to the house cusp. For example, if Venus-ruled Libra is tied to the 9th-House cusp, then Venus is the 9th-House lord. Each classical planet serves as the representative of its house(s) via its accidental role as the house lord. Moreover, each classical planet is the natural representative of some subset of persons, places, or things. We will follow astrologer Mychal A. Bryan by interpreting what a planet is doing firstly as an accidental representative and secondly as a natural representative.

IMPORTANT COMMENTS: Astrologer Isabel M. Hickey said that: "Fate is earmarked in tendencies, not in facts. All anyone can see in a birth chart are tendencies that will become facts if one does not do something to alter them." In the divinatory corpus of the *Ifá* spiritual system, it says in chapter *Ogbè Ògúndá* that: "It is character alone that speaks. Personal destiny is never bad in *Ilé-Ifẹ̀* (a *Yorùbá* town that symbolizes earthly life). It is character alone that speaks." No one is born into the world with a bad destiny; it is one's character that makes or breaks him.

4.2 King's natal chart
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On Tuesday, 15 January 1929, Michael King Jr. was born to Michael King Sr. and his wife Alberta Williams King at the family home (501 Auburn Avenue) in Atlanta, Georgia. According to his mother Alberta, the junior King was born at high noon. After returning from a trip to Germany in August 1934, the senior King changed his own name to Martin Luther King Sr. and his son's name to Martin Luther King Jr.

The late Dr. Martin Luther King Jr. was a civil-rights leader who campaigned against racial injustice in America. King famously said: "Injustice anywhere is a threat to justice everywhere." Moreover, he famously said: "The arc of the moral universe is long, but it bends toward justice."

FIGURE 4.2: King's natal chart

(PC12) 15:45 12th PI	(PC11) 10:33 Ve 17:41 Mo 26:44 11th AQ	Su 02:16 (PC10) 05:21 Me 18:54 10th CP	Sa 02:29 (PC9) 10:33 9th SA	(PC8) 15:45 8th SC
Ju 08:19 (PC1) 20:57 1st AR	**Martin Luther King Jr.** Natal Chart (Sidereal Whole-Sign Houses) Tuesday, 15 JAN 1929 at 12:00 CST Atlanta, GA (33° 45′ N; 84° 23′ W)			(PC7) 20:57 7th LI
(PC2) 15:45 Ma 29:02 R 2nd TA	(PC3) 10:33 3rd GE	(PC4) 05:21 4th CN	(PC5) 10:33 5th LE	(PC6) 15:45 6th VI

FIGURE 4.2 presents the natal chart of Martin Luther King Jr. in terms of sidereal whole-sign houses. The *ayanāṃśa* here is about 22° 51′ according to True Chitrā 0° Libra. Note that Atlanta was in the Central Time Zone until legislation switched it to the Eastern Time Zone on Friday, 21 March 1941. In this section, we will take a basic look at King's natal chart by examining the 1st House and by looking for interesting astrological configurations.

The 1st House refers to bodily life (that is, the incarnation of one's immortal soul into a mortal body). Bodily life involves one's persona, which is the vehicle of personality through which one navigates earthly life. Examining the natal 1st House answers the question "Who is the native?" in astrological terms. In order to examine the 1st House, it is useful to consider: [1] the cusp PC1 (the Ascendant) and aspects to it, [2] planets in the 1st House or in PH1, and [3] the Ascendant ruler and its aspects.

In King's natal chart, PC1 (the Ascendant) is at Aries 20° 57′. The native's **rising sign** is the sign of the Ascendant, and it refers to the native's central personality traits:

> **Aries Ascendant:** The sign Aries expresses Mars in a masculine way. As a fire sign, Aries is desirous, energetic, and forthright. As a cardinal sign, Aries initiates action and creates change. Like a combative ram, Aries likes challenges and has an abundant amount of physical energy. Aries is courageous and pioneering – he is always ready to take risks. In his eagerness to get things done, he is inclined to act first and think later. Like a charging ram, he rushes headlong into situations without considering the consequences. At his best, masculine Aries has the courage to jump into action in order to enthusiastically pursue worthy goals.

Planets that make aspects to PC1 indicate factors that contribute to the unfolding of the native's earthly life. Moon, Mercury, and Venus are making aspects to PC1. Moon is separating from a sinister sextile with PC1:

Moon in Aquarius 11th House: Moon is the lord of Cancer 4th House (parents), and it is the natural representative of nurturers. Moon is in the part of the 11th House that is nuanced by PH11, both houses referring to help from others. At his best, masculine Aquarius is unselfish and makes improvements for the common good. In light of the foregoing, Moon in Aquarius 11th House refers to King's parents as nurturers who unselfishly work to make their son's life better.

The Moon-PC1 sextile refers to Moon (parents) as being helpful to PC1 (the native). Mercury is applying to a sinister square with PC1:

Mercury in Capricorn 10th House: Mercury is the lord of Gemini 3rd House (community) and Virgo 6th House (being of service to others), and it is the natural representative of speech and clever action. Mercury is in the part of the 10th House that is nuanced by PH10, both houses referring to achieving something significant. At her best, feminine Capricorn exercises caution, carefully thinking everything through before setting off in any direction. In light of the foregoing, Mercury in Capricorn 10th House refers to King as achieving something significant by being a clever, diligent advocate for his community.

The Mercury-PC1 square indicates a call for King to bring his Aries boldness and enthusiasm into line with Mercury's cleverness. Venus is applying to a sinister sextile with PC1:

Venus in Aquarius 11th House: Venus is the lord of Libra 7th House (partnerships) and Taurus 2nd House (supportive persons or things), and it is the natural representative of friendly action and intimate relationships. Venus is in the part of the 11th House that is nuanced by PH11, both houses referring to comrades & shared interests. At his best, masculine Aquarius is unselfish and makes improvements for the common good. In light of the foregoing, Venus in Aquarius 11th House refers to King as working together with others who share unselfish interests.

The Venus-PC1 sextile refers to Venus (friendly action; intimate relationships) as being helpful to PC1 (the native).

Planets in the 1st House or in PH1 indicate factors that contribute to the unfolding of the native's earthly life. The 1st House is occupied by Jupiter:

Jupiter in Aries 1st House: Jupiter is the lord of Pisces 12th House (trying situations) and Sagittarius 9th House (spiritual or professional know-how), and it is the natural representative of noble-mindedness, high social position, and religion/spirituality. Jupiter is in the part of the 1st House (the native and his overall quality of life) that is nuanced by PH12 (trying situations). At his best, masculine Aries has the courage to jump into action in order to enthusiastically pursue worthy goals. In light of the foregoing, Jupiter in Aries 1st House refers to King as achieving a high position by boldly dealing with trying situations through spiritual guidance.

Trying situations test one's character and resiliency. King famously said: "The time is always right to do what is right."

The Ascendant ruler is Mars. On a positive note, we find the following for Mars:

Mars in Taurus 2nd House: Mars is the lord of Aries 1st House (the native and his overall quality of life) and Scorpio 8th House (being of communal service), and it is the natural

representative of aggressive action. Note that we are viewing the 8th House here as the derived 6th House (being of service to others) with respect to the 3rd House (community). Mars is in the part of the 2nd House that is nuanced by PH2, both houses referring to supportive persons or things. At her best, feminine Taurus is doggedly determined to make tangible progress in achieving a better quality of life. In light of the foregoing, Mars in Taurus 2nd House refers to King as aggressively working to make tangible progress in achieving a better quality of life for the common good.

King famously spoke of the 'beloved community', which he viewed as an achievable society where justice, equal opportunity, and love for all human beings prevail.

On a negative note, we find the following for Mars:

Mars in Taurus 2nd House: Mars is the lord of Aries 1st House (the native and his overall quality of life) and Scorpio 8th House (romantic affairs), and it is the natural representative of aggressive action. Note that we are viewing the 8th House here as the derived 7th House (romantic partners) with respect to the 2nd House (supportive persons or things). Mars is in the part of the 2nd House that is nuanced by PH2, both houses referring to supportive persons or things. Feminine Taurus is inclined to getting absorbed in acquiring material comforts and in indulging herself. In light of the foregoing, Mars in Taurus 2nd House refers to King as tending to indulge himself sexually.

It has become publicly known that King became sexually involved with dozens of women as he traveled across America speaking against racial inequality.

Planets that make aspects with the Ascendant ruler indicate factors that affect the Ascendant ruler for good or bad. Moon is applying to a sinister square with Mars.

Moon-Mars square: Moon in Aquarius 11th House refers to King's parents as nurturers who unselfishly work to make their son's life better. Mars in Taurus 2nd House refers to King as tending to indulge himself sexually. The applying square here indicates a call for King to bring his sexual life into line with the moral values instilled into him by his parents.

Every person in earthly life makes mistakes. What matters is whether s/he learns from them and endeavors to do better.

Having examined King's 1st House, let's now look for interesting astrological configurations in King's natal chart. In this regard, Sun is in conjunction with PC10 (the Midheaven):

Sun in Capricorn 10th House: Sun is the lord of Leo 5th House (personal interests), and it is the natural representative of leaders and social recognition. Sun is in part of the 10th House (achieving something significant; gaining prestige; head persons) that is nuanced by PH9 (spiritual or professional know-how). At her best, feminine Capricorn exercises caution, carefully thinking everything through before setting off in any direction. In light of the foregoing, Sun in Capricorn 10th House refers to King as achieving recognition through diligent leadership efforts involving spiritual know-how.

The Sun-PC10 conjunction indicates an opportunity for King to make his mark through diligent, spiritual efforts. As a co-founder of SCLC (Southern Christian Leadership Conference), King used the power of black churches to conduct nonviolent protests aimed at civil-rights reform.

4.3 Primary directions

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Earth's axial rotation gives rise to primary motion. From the point of view of an earthbound observer, primary motion is perceived as Earth remaining at rest while the surrounding celestial sphere and everything on it (including the zodiacal belt) rotate about Earth's line of poles. The **method of primary directions** is a technique that uses primary motion to predict events. According to this technique, each longitudinal degree of Earth's axial rotation corresponds to approximately one completed year of the native's life. It takes about 4 minutes for Earth to longitudinally rotate by $01°$, and so the native's life at A sidereal years of age is revealed by what is happening astrologically when he is about $(4 \times A)$ minutes old. For example, the native's life at age 90 is revealed by an astrological chart that is cast for when the native is about 360 minutes old.

If we take age 90 to be the human life span, then we can examine the native's entire life based on what is happening astrologically during the first 360 minutes (or 6 hours) after his birth. From TABLE 2.3, we see that each planet (apart from Moon) does not move very much along the zodiac during a 6-hour time period, and so we may view primary motion as causing the zodiacal belt (with the planets attached to it) to rotate backward through fixed houses of the local sky. During the 6-hour time period after birth, primary motion directs the planets into major aspects with the angles (the Ascendant, the Descendant, the Midheaven, and the Imum Coeli).

In Appendix A, we deal with primary directions in a mathematically elaborate way. But in this section, we will be dealing with primary directions in the fast and easy way that is presented by astrologer Anthony Louis in his blog post *Fast and Easy Primary Directions* (20 July 2019).

The **Naibod time-key** is the notion that each $00° 59′ 08.19″$ of Earth's axial rotation corresponds to one sidereal year of age. It follows that every addition of about 3.93167189 minutes to the birth time symbolically advances the natal chart by one sidereal year of age. The notion of primary directions gives rise to the following technique:

- **TECHNIQUE #PD1:** In order to examine the native's life around A sidereal years of age, cast symbolic charts for about $(3.93167189 \times A)$ minutes before and after the birth time. In these symbolic charts, look for planet-angle major aspects, taking the margin of inexactness to be about $01°$. These major aspects are primary directions that each predict an event to occur in the native's life around A sidereal years of age.

Technique #PD1 helps us to look for prominent events at any age of the native's life. The primary directions that are shown in the pre-birth symbolic chart are said to be *neo-converse*. The primary directions that are shown in the post-birth symbolic chart are said to be *direct*.

On Monday, 15 January 1968, Martin Luther King Jr. reached age 39. About three months later, he passed away. More specifically, on Thursday, 04 April 1968, while in Memphis, Tennessee in support of black sanitation workers on strike, King was assassinated. Let's apply Technique #PD1 to see how King's passing shows up astrologically.

By the date of his passing (Thursday, 04 April 1968), King has lived through 10 leap days (namely, those of 1932, 1936, 1940, 1944, 1948, 1952, 1956, 1960, 1964, and 1968). It follows that on the date of his passing, King's sidereal age is about

$$\frac{[(9 \times 366) + (30 \times 365) + 16 + 29 + 31 + 4] \; days}{365.256363 \; days/yr} \approx 39.21629 \; yrs \,.$$

On applying Technique #PD1 for $A \approx 39.21629$, we get

$$(3.93167189 \times A) \; min \approx 154.18559 \; min \approx 2 \; hr + 34 \; min + 11 \; sec$$

as the chart-change term.

For the pre-birth symbolic chart (FIGURE 4.3a), we subtract the chart-change term (2 hours, 34 minutes, and 11 seconds) from King's birth time of 12:00 pm, CST, thereby getting 09:25:49 am, CST. In this symbolic chart, we are looking for neo-converse primary directions that are associated with King's life around age 39. These are planet-angle major aspects having a margin of inexactness of about 01°. In this regard, we find a Moon-PC1 conjunction and a Mars-PC4 conjunction. The Mars-PC4 conjunction may refer to King's passing. Mars is the lord of natal Aries 1st House (the native's physical body and its health) and natal Scorpio 8th House (bodily death), and it is the natural representative of aggressive action and violence & wounds. In this regard, Mars refers to bodily death as a result of violence and wounds. Moreover, PC4 (the Imum Coeli) refers to becoming remembered after bodily death.

FIGURE 4.3a: Pre-birth symbolic chart

Su 02:10 Me 18:44 (PC12) 26:06 12th CP	Sa 02:29 (PC11) 27:47 11th SA	(PC10) 29:29 10th SC	(PC9) 27:47 9th LI	(PC8) 26:06 8th VI
Ve 17:34 (PC1) 24:24 Mo 25:20 1st AQ	**Martin Luther King Jr.** (Natal Derivative) Symbolic Chart for Thursday, 04 APR 1968 Tuesday, 15 JAN 1929 at 09:25:49 CST Atlanta, GA (33° 45′ N; 84° 23′ W)		(PC7) 24:24 7th LE	
(PC2) 26:06 2nd PI	Ju 08:18 (PC3) 27:47 3rd AR	Ma 29:03 R (PC4) 29:29 4th TA	(PC5) 27:47 5th GE	(PC6) 26:06 6th CN

In the pre-birth symbolic chart, the Mars-PC4 conjunction is a neo-converse primary direction. By trial and error, we find that this primary direction becomes exact at about 09:23:58 am, CST. From 09:23:58 am, CST to 12:00 pm, CST (King's birth time) on Tuesday, 15 January 1929 (King's date of birth), the time difference is

$$\text{elapsed time} = 2 \, hr + 36 \, min + 2 \, sec = 156.03333 \, min \, .$$

On making use of the Naibod time-key, this time difference corresponds to an age difference of

$$\text{elapsed age} \approx \frac{1 \, yr \, of \, age}{3.93167189 \, min} \times 156.03333 \, min \approx 39.68625 \, yrs$$

$$= 39 \, yrs + \left(0.68625 \, yr \times \frac{365.256363 \, days}{1 \, yr} \right) \approx 39 \, yrs + 250.65718 \, days \, ,$$

and so the neo-converse Mars-PC4 conjunction predicts an event to occur about 251 days after Monday, 15 January 1968 (King's 39th birthday), which is on Sunday, 22 September 1968. In Section B1 of Appendix B, we apply the primary-direction formula of Appendix A to the Mars-PC4 conjunction. On taking it to be traditionally converse, we get a prediction date in 1971. On taking it to be neo-converse, we get a prediction date of Monday, 23 December 1968. Two prediction dates here are within months of the actual date of King's passing (Thursday, 04 April 1968).

For the post-birth symbolic chart (FIGURE 4.3b), we add the chart-change term (2 hours, 34 minutes, and 11 seconds) to King's birth time of 12:00 pm, CST, thereby getting 02:34:11 pm, CST. In this symbolic chart, we are looking for direct primary directions that are associated with King's life around age 39. These are planet-angle major aspects having a margin of inexactness of about 01°. In this regard, we find a Saturn-PC7 conjunction. The Saturn-PC7 conjunction may refer to King's passing. Saturn is located in the natal PH8 (bodily death), and it is the natural representative of death. Moreover, PC7 (the Descendant) refers to bodily death or bodily harm.

FIGURE 4.3b: Post-birth symbolic chart

Ma 29:01 R	Ju 08:19 (PC12) 26:58	(PC11) 20:41	(PC10) 14:24 Ve 17:49 Mo 28:07	Su 02:23 (PC9) 20:41 Me 19:03
12th TA	11th AR	10th PI	9th AQ	8th CP
(PC1) 03:15 (PC2) 26:58	**Martin Luther King Jr.** (Natal Derivative) Symbolic Chart for Thursday, 04 APR 1968 Tuesday, 15 JAN 1929 at 14:34:11 CST Atlanta, GA (33° 45′ N; 84° 23′ W)			Sa 02:30 (PC7) 03:15 (PC8) 26:58
1st GE				7th SA
(PC3) 20:41	(PC4) 14:24	(PC5) 20:41	(PC6) 26:58	
2nd CN	3rd LE	4th VI	5th LI	6th SC

In the post-birth symbolic chart, the Saturn-PC7 conjunction is a direct primary direction. By trial and error, we find that this primary direction becomes exact at about 02:31:00 pm, CST. From

12:00 pm, CST (King's birth time) to 02:31:00 pm, CST on Tuesday, 15 January 1929 (King's date of birth), the time difference is

$$\text{elapsed time} = 2\ hr + 31\ min + 0\ sec = 151\ min.$$

On making use of the Naibod time-key, this time difference corresponds to an age difference of

$$\text{elapsed age} \approx \frac{1\ yr\ of\ age}{3.93167189\ min} \times 151\ min \approx 38.40605\ yrs$$

$$= 38\ yrs + \left(0.40605\ yr \times \frac{365.256363\ days}{1\ yr}\right) \approx 38\ yrs + 148.31235\ days,$$

and so the direct Saturn-PC7 conjunction predicts an event to occur about 148 days after Sunday, 15 January 1967 (King's 38th birthday), which is on Monday, 12 June 1967. In Section B2 of Appendix B, we apply the primary-direction formula of Appendix A to the Saturn-PC7 conjunction, thereby getting a prediction date of Thursday, 13 June 1968. Both prediction dates here are within months of the actual date of King's passing (Thursday, 04 April 1968).

4.4 Solar returns
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The native's **solar return** (SR) is Sun's annual return to its natal position. This return occurs on or close to the native's birthday. A solar-return year spans the time interval from one solar return to the next one. In astrology, the noun '**transit**' refers to the ongoing movement of a planet across the sky. In working with transits, we look at current planetary positions. A **solar-return chart** is a transit chart that is cast for the time when a solar return occurs, and we take it to represent the entire associated solar-return year.

There is disagreement among astrologers about the location for which a return chart should be cast. Some believe that the chart should be cast for the native's location at the time of the return. Others believe that the return chart should be cast for the native's birthplace, regardless of the native's location at the time of the return. We side with the latter group.

In Section 4.3, we used King's natal chart to get astrological predictions of King's passing on Thursday, 04 April 1968. There we got prediction dates that are within months of the actual date of King's passing. In this section, we will use King's 1968 SR chart to get better prediction dates.

In Section 4.3, we presented Technique #PD1, which deals with natal-associated primary directions in a fast and easy way. Let's adapt this way to a solar-return chart. The **SR time-key** is the notion that each degree of Earth's axial rotation corresponds to each degree of Earth's orbital motion. It follows that every addition of about 3.93167189 minutes to the SR time symbolically advances the SR chart by one mean solar day of age. See Section A5 of Appendix A for pertinent details. Here is our fast and easy way of dealing with SR-associated primary directions:

- **TECHNIQUE #PD2:** In order to examine the native's life around D mean solar days after the SR date, cast symbolic charts for about $(3.93167189 \times D)$ minutes before and after the SR time. In these symbolic charts, look for planet-angle major aspects, taking the

margin of inexactness to be about 01°. These major aspects are primary directions that each predict an event to occur in the native's life around D mean solar days after the SR date.

The primary directions that are shown in the pre-SR symbolic chart are said to be *neo-converse*. The primary directions that are shown in the post-SR symbolic chart are said to be *direct*.

FIGURE 4.4a: King's 1968 SR chart

(PC12) 11:01 Sa 13:32 12th PI	(PC11) 06:15 Ma 12:18 11th AQ	(PC10) 01:28 Su 02:16 Me 14:01 10th CP	(PC9) 06:15 9th SA	(PC8) 11:01 Ve 24:26 8th SC
(PC1) 15:48 1st AR	**Martin Luther King Jr.** Solar-Return Chart for Age 39 (Sidereal) Tuesday, 16 JAN 1968 at 12:43:52 EST Atlanta, GA (33° 45′ N; 84° 23′ W)			(PC7) 15:48 7th LI
(PC2) 11:01 2nd TA	(PC3) 06:15 3rd GE	(PC4) 01:28 Mo 15:08 4th CN	(PC5) 06:15 Ju 11:24 R 5th LE	(PC6) 11:01 6th VI

FIGURE 4.4a presents King's 1968 SR chart in terms of sidereal whole-sign houses. The *ayanāṃśa* here is about 23° 23′ according to True Chitrā 0° Libra. Let's apply Technique #PD2 to the solar-return chart. From Tuesday, 16 January 1968 (the SR date) to Thursday, 04 April 1968 (the date of King's passing), there are 79 mean solar days. On applying Technique #PD2 for $D = 79$, we get

$$(3.93167189 \times D)\ min \approx 310.60208\ min \approx 5\ hr + 10\ min + 36\ sec$$

as the chart-change term.

For the pre-SR symbolic chart (FIGURE 4.4b), we subtract the chart-change term (5 hours, 10 minutes, and 36 seconds) from the SR time of 12:43:52 pm, EST, thereby getting 06:33:16 am, EST. In this symbolic chart, we are looking for neo-converse primary directions that are associated with King's life around the date of his passing. These are planet-angle major aspects having a margin of inexactness of about 01°. In this regard, we find a Sun-PC10 square and a Saturn-PC1 square. The Saturn-PC1 square may refer to King's passing. Saturn is located in SR Pisces 12th House (hidden enemies), and it is the natural representative of death. Moreover, PC1 (the Ascendant) refers to bodily life or bodily health. The square aspect here refers to Saturn as bringing PC1 into line with its agenda of death.

FIGURE 4.4b: Pre-SR symbolic chart

(PC12) 19:36 Ve 24:07 12th SC	(PC10) 02:23 (PC11) 26:00 11th LI	10th VI	Ju 11:26 R (PC9) 26:00 9th LE	Mo 11:44 (PC8) 19:36 8th CN
(PC1) 13:13 1st SA	**Martin Luther King Jr.** (SR Derivative) Symbolic Chart for Thursday, 04 APR 1968 Tuesday, 16 JAN 1968 at 06:33:16 EST Atlanta, GA (33° 45′ N; 84° 23′ W)			(PC7) 13:13 7th GE
Su 02:00 Me 13:35 (PC2) 19:36 2nd CP	Ma 12:06 (PC3) 26:00 3rd AQ	Sa 13:31 4th PI	(PC4) 02:23 (PC5) 26:00 5th AR	(PC6) 19:36 6th TA

In the pre-SR symbolic chart, the Saturn-PC1 square is a neo-converse primary direction. By trial and error, we find that this primary direction becomes exact at about 06:34:35 am, EST. From 06:34:35 am, EST to 12:43:52 pm, EST (the SR time) on Tuesday, 16 January 1968 (the SR date), the time difference is

$$\text{elapsed time} = 6\ hr + 9\ min + 17\ sec \approx 369.28333\ min\,.$$

On making use of the SR time-key, this time difference corresponds to an age difference of

$$\text{elapsed age} \approx \frac{1\ day\ of\ age}{3.93167189\ min} \times 369.28333\ min \approx 93.92527\ days\,,$$

and so the neo-converse Saturn-PC1 square predicts an event to occur about 94 days after Tuesday, 16 January 1968 (the SR date), which is on Friday, 19 April 1968. In Section B3 of Appendix B, we apply the primary-direction formula of Appendix A to the Saturn-PC1 square. On taking it to be traditionally converse, we get a prediction date of Thursday, 09 May 1968. On taking it to be neo-converse, we get a prediction date of Friday, 19 April 1968. All three prediction dates here are within weeks of the actual date of King's passing (Thursday, 04 April 1968).

For the post-SR symbolic chart (FIGURE 4.4c), we add the chart-change term (5 hours, 10 minutes, and 36 seconds) to the SR time of 12:43:52 pm, EST, thereby getting 05:54:28 pm, EST. In this symbolic chart, we are looking for direct primary directions that are associated with King's life around the date of his passing. These are planet-angle major aspects having a margin of inexactness of about 01°. In this regard, we find a Sun-PC7 conjunction. The Sun-PC7 conjunction may refer to King's passing. Sun is the natural representative of life, and PC7 (the Descendant) refers to bodily life or bodily health. The conjunction aspect here refers to life meeting death. Note that the Descendant is where Sun sets.

FIGURE 4.4c: Post-SR symbolic chart

(PC12) 00:04 12th GE	11th TA	(PC11) 26:18 10th AR	Sa 13:33 (PC10) 22:32 9th PI	(PC8) 00:04 Ma 12:28 (PC9) 26:18 8th AQ
(PC1) 03:51 Mo 18:00 1st CN	**Martin Luther King Jr.** (SR Derivative) Symbolic Chart for Thursday, 04 APR 1968 Tuesday, 16 JAN 1968 at 17:54:28 EST Atlanta, GA (33° 45′ N; 84° 23′ W)			Su 02:29 (PC7) 03:51 Me 14:22 7th CP
(PC2) 00:04 Ju 11:23 R (PC3) 26:18 2nd LE	(PC4) 22:32 3rd VI	(PC5) 26:18 4th LI	Ve 24:21 5th SC	(PC6) 00:04 6th SA

In the post-SR symbolic chart, the Sun-PC7 conjunction is a direct primary direction. By trial and error, we find that this primary direction becomes exact at about 05:47:53 pm, EST. From 12:43:52 pm, EST (the SR time) to 05:47:53 pm, EST on Tuesday, 16 January 1968 (the SR date), the time difference is

$$\text{elapsed time} = 5\,hr + 4\,min + 1\,sec \approx 304.01667\,min\,.$$

On making use of the SR time-key, this time difference corresponds to an age difference of

$$\text{elapsed age} \approx \frac{1\,day\,of\,age}{3.93167189\,min} \times 304.01667\,min \approx 77.32504\,days\,,$$

and so the direct Sun-PC7 conjunction predicts an event to occur about 77 days after Tuesday, 16 January 1968 (the SR date), which is on Tuesday, 02 April 1968. In Section B4 of Appendix B, we apply the primary-direction formula of Appendix A to the Sun-PC7 conjunction, thereby getting a prediction date of Tuesday, 02 April 1968. Both prediction dates here are the same, being two days before the actual date of King's passing (Thursday, 04 April 1968).

4.5 Lunar returns
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The native's **lunar return** (LR) is Moon's monthly return to its natal position. A lunar-return month spans the time interval from one lunar return to the next one. A **lunar-return chart** is a transit chart that is cast for the time when a lunar return occurs, and we take it to represent the entire associated lunar-return month.

In Section 4.3, we used King's natal chart to get astrological predictions of King's passing on Thursday, 04 April 1968. There we got prediction dates that are within months of the actual date of King's passing. In Section 4.4, we used King's 1968 SR chart to get prediction dates that are within weeks of the actual date of King's passing. In this section, we will use King's last LR chart to get better prediction dates.

In Section 4.3, we presented Technique #PD1, which deals with natal-associated primary directions in a fast and easy way. Let's adapt this way to a lunar-return chart. The **LR time-key** is the notion that each degree of Earth's axial rotation corresponds to each degree of Moon's orbital motion. It follows that every addition of about 52.5615233 minutes to the LR time symbolically advances the LR chart by one mean solar day of age. See Section A5 of Appendix A for pertinent details. Here is our fast and easy way of dealing with LR-associated primary directions:

- **TECHNIQUE #PD3:** In order to examine the native's life around D mean solar days after the LR date, cast symbolic charts for about $(52.5615233 \times D)$ minutes before and after the LR time. In these symbolic charts, look for planet-angle major aspects, taking the margin of inexactness to be about $01°$. These major aspects are primary directions that each predict an event to occur in the native's life around D mean solar days after the LR date.

The primary directions that are shown in the pre-LR symbolic chart are said to be *neo-converse*. The primary directions that are shown in the post-LR symbolic chart are said to be *direct*.

FIGURE 4.5a: King's last LR chart

(PC12) 09:42 Me 19:43 Ve 21:16 Mo 26:44 12th AQ	(PC11) 09:13 11th CP	(PC10) 08:44 10th SA	(PC9) 09:13 9th SC	(PC8) 09:42 8th LI
(PC1) 10:11 Su 13:27 Sa 20:52 1st PI	**Martin Luther King Jr.** Last Lunar-Return Chart (Sidereal) Wednesday, 27 MAR 1968 at 06:27:04 EST Atlanta, GA (33° 45′ N; 84° 23′ W)			(PC7) 10:11 7th VI
Ma 06:13 (PC2) 09:42 2nd AR	(PC3) 09:13 3rd TA	(PC4) 08:44 4th GE	(PC5) 09:13 5th CN	Ju 03:25 R (PC6) 09:42 6th LE

FIGURE 4.5a presents King's last LR chart in terms of sidereal whole-sign houses. The *ayanāṃśa* here is about 23° 24′ according to True Chitrā 0° Libra. Let's apply Technique #PD3 to the lunar-return chart. From Wednesday, 27 March 1968 (the LR date) to Thursday, 04 April 1968 (the date of King's passing), there are 8 mean solar days. On applying Technique #PD3 for $D = 8$, we get

$$(52.5615233 \times D) \, min \approx 420.49219 \, min \approx 7 \, hr + 0 \, min + 30 \, sec$$

as the chart-change term.

For the pre-LR symbolic chart (FIGURE 4.5b), we subtract the chart-change term (7 hours, 0 minutes, and 30 seconds) from the LR time of 06:27:04 am, EST, thereby getting 11:26:34 pm, EST on the previous day. In this symbolic chart, we are looking for neo-converse primary directions that are associated with King's life around March/April 1968. These are planet-angle major aspects having a margin of inexactness of about 01°. In this regard, we find a Moon-PC4 conjunction and a Venus-PC4 conjunction. The Venus-PC4 conjunction may refer to King's passing. Venus is the lord of LR Libra 8th House (bodily death), and it is located in LR Aquarius 12th House (hidden enemies). Moreover, PC4 refers to becoming remembered after bodily death.

FIGURE 4.5b: Pre-LR symbolic chart

(PC12) 14:35 12th LI	(PC11) 18:29 11th VI	Ju 03:26 R (PC10) 22:23 10th LE	(PC9) 18:29 9th CN	(PC8) 14:35 8th GE
(PC1) 10:40 1st SC	**Martin Luther King Jr.** (LR Derivative) Symbolic Chart for Thursday, 04 APR 1968 Tuesday, 26 MAR 1968 at 23:26:34 EST Atlanta, GA (33° 45′ N; 84° 23′ W)			(PC7) 10:40 7th TA
(PC2) 14:35 2nd SA	(PC3) 18:29 3rd CP	Me 19:18 Ve 20:55 (PC4) 22:23 Mo 23:04 4th AQ	Su 13:10 (PC5) 18:29 Sa 20:50 5th PI	Ma 06:00 (PC6) 14:35 6th AR

In the pre-LR symbolic chart, the Venus-PC4 conjunction is a neo-converse primary direction. By trial and error, we find that this primary direction becomes exact on Tuesday, 26 March 1968 at about 11:21:06 pm, EST. From 11:21:06 pm, EST (Tuesday) to 06:27:04 am, EST (the LR time on Wednesday), the time difference is

$$\text{elapsed time} = 7 \, hr + 5 \, min + 58 \, sec \approx 425.96667 \, min \, .$$

On making use of the LR time-key, this time difference corresponds to an age difference of

$$\text{elapsed age} \approx \frac{1 \, day \, of \, age}{52.5615233 \, min} \times 425.96667 \, min \approx 8.10415 \, days \, ,$$

and so the neo-converse Venus-PC4 conjunction predicts an event to occur about 8 days after Wednesday, 27 March 1968 (the LR date), which is on Thursday, 04 April 1968. In Section B5 of Appendix B, we apply the primary-direction formula of Appendix A to the Venus-PC4 conjunction. On taking it to be traditionally converse, we get a prediction date of Wednesday, 03

April 1968. On taking it to be neo-converse, we get a prediction date of Thursday, 04 April 1968. All three prediction dates here are within a day of the actual date of King's passing (Thursday, 04 April 1968).

For the post-LR symbolic chart (FIGURE 4.5c), we add the chart-change term (7 hours, 0 minutes, and 30 seconds) to the LR time of 06:27:04 am, EST, thereby getting 01:27:34 pm, EST. In this symbolic chart, we are looking for direct primary directions that are associated with King's life around March/April 1968. These are planet-angle major aspects having a margin of inexactness of about 01°. In this regard, we find a Mars-PC1 square. The Mars-PC1 square may refer to King's passing. Mars is located in the SR PH1 (the native's physical body and its health), and it is the natural representative of aggressive action and violence & wounds. Moreover, PC1 (the Ascendant) refers to bodily life or bodily health. The square aspect here refers to Mars bringing PC1 into line with its agenda of aggressive action and violence & wounds.

FIGURE 4.5c: Post-LR symbolic chart

(PC12) 02:52 12th GE	 11th TA	Ma 06:26 (PC11) 29:21 10th AR	Mo 00:22 Su 13:44 Sa 20:54 (PC10) 25:50 9th PI	(PC8) 02:52 Me 20:09 Ve 21:38 (PC9) 29:21 8th AQ
(PC1) 06:24 1st CN		**Martin Luther King Jr.** (LR Derivative) Symbolic Chart for Thursday, 04 APR 1968 Wednesday, 27 MAR 1968 at 13:27:34 EST Atlanta, GA (33° 45′ N; 84° 23′ W)		(PC7) 06:24 7th CP
(PC2) 02:52 Ju 03:24 R (PC3) 29:21 2nd LE	(PC4) 25:50 3rd VI	(PC5) 29:21 4th LI	 5th SC	(PC6) 02:52 6th SA

In the post-LR symbolic chart, the Mars-PC1 square is a direct primary direction. By trial and error, we find that this primary direction becomes exact on Wednesday, 27 March 1968 at about 01:27:44 pm, EST. From 06:27:04 am, EST (the LR time) to 01:27:44 pm, EST, the time difference is

$$\text{elapsed time} = 7\ hr + 0\ min + 40\ sec \approx 420.66667\ min \, .$$

On making use of the LR time-key, this time difference corresponds to an age difference of

$$\text{elapsed age} \approx \frac{1\ day\ of\ age}{52.5615233\ min} \times 420.66667\ min \approx 8.00332\ days \, ,$$

and so the direct Mars-PC1 square conjunction predicts an event to occur about 8 days after Wednesday, 27 March 1968 (the LR date), which is on Thursday, 04 April 1968. In Section B6

of Appendix B, we apply the primary-direction formula of Appendix A to the Mars-PC1 square, thereby getting a prediction date of Thursday, 04 April 1968. Both prediction dates here are the actual date of King's passing (Thursday, 04 April 1968).

4.6 Chart rectification
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The verb 'rectify' means 'to make right'. **Chart rectification** is the process of adjusting the native's time of birth so that suitable planetary patterns coincide with actual life events. In this section, we will use three events of King's life in order to rectify his natal chart. In this regard, we will be taking 'suitable planetary patterns' to mean planet-angle primary directions according to Technique #PD1 (see Section 4.3).

Event #1 (King's wedding day): On Thursday, 18 June 1953, Martin Luther King Jr. marries Coretta Scott, who would later become a civil-rights leader in her own right. By his wedding day, King has lived through 6 leap days (namely, those of 1932, 1936, 1940, 1944, 1948, and 1952). It follows that on his wedding day, King's sidereal age is about

$$\frac{[(6 \times 366) + (18 \times 365) + 16 + 28 + 31 + 30 + 31 + 18]\ days}{365.256363\ days/yr} \approx 24.42120\ yrs\ .$$

On applying Technique #PD1 for $A \approx 24.42120$, we get

$$(3.93167189 \times A)\ min \approx 96.01615\ min \approx 1.60027\ hr$$

$$\approx 1\ hr + 36\ min + 1\ sec$$

as the chart-change term. On adding this chart-change term to 12:00:00 CST (King's assumed birth time), we get 13:36:01 CST. In the post-birth symbolic chart cast for this time, we find a Mars-PC10 trine that becomes exact at about 13:35:32 CST (about 13.59222 hr CST).

Event #2 (King's DC speech): On Wednesday, 28 August 1963, Martin Luther King Jr. delivers his famous "I Have A Dream" speech during the March on Washington for Jobs and Freedom. By the date of his speech, King has lived through 8 leap days (namely, those of 1932, 1936, 1940, 1944, 1948, 1952, 1956, and 1960). It follows that on the date of his speech, King's sidereal age is about

$$\frac{[(8 \times 366) + (26 \times 365) + 16 + 28 + 31 + 30 + 31 + 30 + 31 + 28]\ days}{365.256363\ days/yr}$$

$$\approx 34.61405\ yrs\ .$$

On applying Technique #PD1 for $A \approx 34.61405$, we get

$$(3.93167189 \times A)\ min \approx 136.09109\ min \approx 2.26819\ hr$$

$$\approx 2\ hr + 16\ min + 6\ sec$$

as the chart-change term. On subtracting this chart-change term from 12:00:00 CST (King's assumed birth time), we get 09:43:54 CST. In the pre-birth symbolic chart cast for this time, we

find a Saturn-PC10 conjunction that becomes exact at about 09:38:50 CST (about 9.64722 hr CST).

Event #3 (King's passing): On Thursday, 04 April 1968, Martin Luther King Jr. passes away in Memphis, Tennessee. In Section 4.3, we found that King's sidereal age on that date is about 39.21629 yrs. Moreover, on applying Technique #PD1 for $A \approx 39.21629$, we got

$$154.18559 \ min \approx 2.56976 \ hr \approx 2 \ hr + 34 \ min + 11 \ sec$$

as the chart-change term. On subtracting the chart-change term from 12:00:00 CST (King's assumed birth time), we got 09:25:49 CST. In the pre-birth symbolic chart cast for this time, we found a Mars-PC4 conjunction that becomes exact at about 09:23:58 CST (about 9.39944 hr CST). On adding the chart-change term to 12:00:00 CST (King's assumed birth time), we got 14:34:11 CST. In the post-birth symbolic chart cast for this time, we found a Saturn-PC7 conjunction that becomes exact at about 14:31:00 CST (about 14.51667 hr CST).

Our process of rectifying the natal chart is based on the model equation

$$y = x + b \, ,$$

whose graph is a straight line having a slope value of 1 and an intercept value of b. For the native at A sidereal years of age, the quantity x is the chart-addition term, which is given by

$$x = \begin{cases} -(3.93167189 \times A) \ min & \text{for a pre-birth symbolic chart} \\ +(3.93167189 \times A) \ min & \text{for a post-birth symbolic chart} \, . \end{cases}$$

It is advisable here to express x in hours. For a given value of x, the quantity y is the time at which an associated primary direction becomes exact. The constant b is the adjusted birth time. It is advisable here to express y and b in hours according to the 24-hour time format. TABLE 4.6 presents the xy pairs pertaining to our three events of interest.

TABLE 4.6: Data points for King's chart rectification

Event	Age (in yrs)	x (in hrs)	y (in hrs)
#1	24.42120	+1.60027	13.59278
#2	34.61405	−2.26819	9.66417
#3	39.21629	−2.56976	9.39944
#3	39.21629	+2.56976	14.51694

Each xy pair in the table is a data point. The technique of linear regression enables us to find the line that best accommodates our four data points. In this regard, we find that the equation of our best line is

$$y \approx (1.00280463)x + 11.9607808 \, .$$

On comparing this equation with the model equation $y = x + b$, we see that 1.00280463 (the best-line's slope) approximates the number 1 (the model-line's slope). Moreover, we see that 11.9607808 (the best-line's intercept) approximates b (the model-line's intercept):

$$b \approx 11.9607808 \, hr \approx 11 \, hr + 57 \, min + 39 \, sec \, .$$

Therefore, King's adjusted birth time is about 11:57:39 am, CST. The chart rectification here is based on four data points. The more data points that we use for the linear regression, the better we can adjust the birth time.

IMPORTANT COMMENTS: We may use the process of chart rectification to not only adjust an assumed birth time, but also to determine an unknown birth time. Our process here depends on finding an adequate number of suitable primary directions.

APPENDIX A
The method of primary directions
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Here we present the key mathematics of the method of primary directions.

Appendix-A hyperlinks

Note that the horizon angles are the Ascendant and the Descendant, while the meridian angles are the Midheaven and the Imum Coeli.

A1 Equatorial coordinates
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The **method of primary directions** is a technique that uses primary motion to predict events. In order to deal with the mathematics of primary directions, we will use the **equatorial coordinate system**, which enables us to specify the location of any point of the celestial sphere in terms of pertinent values of longitude and latitude. Equatorial longitude (called **right ascension**) is angular distance measured along the equator, going from $0°$ to $360°$ as we go eastward from the March equinox point. Equatorial latitude (called **declination**) is angular distance (along the celestial sphere) from the equator, going from $0°$ to $+90°$ as we go perpendicularly northward and going from $0°$ to $-90°$ as we go perpendicularly southward.

Converting from sidereal ecliptic coordinates to equatorial coordinates involves converting sidereal ecliptic coordinates to tropical ecliptic coordinates and then to equatorial coordinates. Adding the *ayanāṃśa* to a sidereal ecliptic longitude yields its equivalent tropical ecliptic longitude, while tropical ecliptic latitude equals sidereal ecliptic latitude. See Section 2.1 for pertinent details.

Both tropical ecliptic longitude and right ascension are measured from the March equinox point. Going from tropical ecliptic coordinates to equatorial coordinates is a conversion from one system of spherical coordinates to another. Consider a point of the celestial sphere that has tropical ecliptic longitude λ and ecliptic latitude β. Its right ascension RA and declination δ satisfy the equations

$$\cos \delta \times \cos(RA) = \cos \beta \times \cos \lambda \, ,$$

$$\cos \delta \times \sin(RA) = \cos \varepsilon \times \cos \beta \times \sin \lambda - \sin \varepsilon \times \sin \beta \, ,$$

$$\sin \delta = \sin \varepsilon \times \cos \beta \times \sin \lambda + \cos \varepsilon \times \sin \beta \, ,$$

where the **obliquity** ε is the angle between the ecliptic plane and the celestial equatorial plane (which is the same as Earth's equatorial plane). The obliquity is a slowly varying angle that is currently about $23° \, 26' \, 09'' \approx 23.43583°$. We find that

$$\delta = \arcsin(\sin \varepsilon \times \cos \beta \times \sin \lambda + \cos \varepsilon \times \sin \beta) \,.$$

On defining the **equinoctial distance**

$$ED := \arccos\left(\frac{\cos \beta \times \cos \lambda}{\cos \delta}\right),$$

we get

$$RA = \begin{cases} ED & \text{for } \lambda < 180° \\ 360° - ED & \text{for } \lambda > 180° \,. \end{cases}$$

Note that equinoctial distance is angular distance measured along the equator, going from $0°$ to $180°$ as we go eastward or westward from the March equinox point.

TABLE A1: Ecliptic latitudes for aspect copies

Aspect Copy	θ_A	β_A/β_0	Aspect Copy	θ_A	β_A/β_0
Semi-sextile	30°	$+\sqrt{3}/2$	Trine	120°	$-1/2$
Sextile	60°	$+1/2$	Quincunx	150°	$-\sqrt{3}/2$
Square	90°	0	Opposition	180°	-1

In order to get the ecliptic latitude of an aspect copy, we will use the **Bianchini aspect circle**. On the celestial sphere, this great circle passes through the parent planet's location and intersects the ecliptic at the two points corresponding to the planet's square aspects. In this regard, we will take each square copy to lie on the ecliptic at an intersection point, and we will take the opposition copy to lie at the point that is opposite the parent planet's location. It follows that the ecliptic latitude of an aspect copy having signature angular separation θ_A is given by

$$\beta_A = \beta_0 \times \cos \theta_A$$

where β_0 is the ecliptic latitude of the parent planet. TABLE A1 presents pertinent results.

A2 The primary-direction formula
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Earth's axial rotation gives rise to primary motion. From the point of view of an earthbound observer, we may view primary motion as causing the zodiacal belt (with the planets attached to it) to rotate backward through fixed houses of the local sky. It is useful here to imagine two celestial spheres that occupy the same volume of space – the active sphere and the fixed sphere. The **active sphere** is the celestial sphere undergoing its usual axial rotation according to primary motion. The **fixed sphere** is the celestial sphere as it appeared at a specific time of interest, which

could be a birth time, a solar-return time, or a lunar-return time. Primary motion moves the active sphere across the stationary fixed sphere.

In applying the method of primary directions, primary motion directs a given point of the active sphere backward through the houses toward a given point of the fixed sphere. One of these two points is called the **significator**, and it indicates the area of life in which the predicted event will occur. The other point is called the **promissor**, and it indicates that which promises (that is, gives grounds for expecting) the predicted event. A primary direction is said to be **direct** if primary motion directs a promissor lying in the active sphere toward a significator lying in the fixed sphere. A primary direction is said to be **traditionally converse** if primary motion directs a significator lying in the active sphere toward a promissor lying in the fixed sphere. A primary direction is said to be **neo-converse** if reversed primary motion (which is a what-if notion) directs a promissor lying in the active sphere toward a significator lying in the fixed sphere.

The **arc of direction** is the circular path along which primary motion directs the active point (which lies in the active sphere) toward the fixed point (which lies in the fixed sphere). The length of the arc of direction is related to the time when the associated event is predicted to occur in the native's life. For primary directions that are direct or traditionally converse, this arc length is given by the **primary-direction formula**

$$\text{arc length} = \begin{cases} (RA)_A - (RA)_F - R_F \times [(AD)_A - (AD)_F] & \text{for an eastern fixed point} \\ (RA)_A - (RA)_F + R_F \times [(AD)_A - (AD)_F] & \text{for a western fixed point,} \end{cases}$$

where the subscripts A and F respectively refer to the active point and the fixed point. The **ascensional difference** AD is given by

$$AD := \arcsin(\tan \delta \times \tan \Phi),$$

where Φ is the native's geographical latitude of birth. Note that geographical latitude is angular distance (along Earth's surface) from the equator, going from $0°$ to $+90°$ as we go perpendicularly northward and going from $0°$ to $-90°$ as we go perpendicularly southward. The nonnegative quantity

$$R_F = \left| \frac{(MD)_F}{(SA)_F} \right|$$

involves the ratio of the fixed-point's **meridian distance**

$$(MD)_F = \begin{cases} (RA)_F - (RA)_{MC} & \text{for a fixed point in the upper sky} \\ (RA)_F - (RA)_{IC} & \text{for a fixed point in the lower sky} \end{cases}$$

to its **semi-arc**

$$(SA)_F = \begin{cases} 90° + AD & \text{for a fixed point in the upper sky} \\ 90° - AD & \text{for a fixed point in the lower sky.} \end{cases}$$

Note that R_F must not exceed the value of 1.

For a neo-converse primary direction, we use the negative of the arc-length formula that we would get if the primary direction were direct.

A3 Directing toward a horizon angle
[Back to Appendix A]

Whenever a planet is just rising during its daily cycle, primary motion has brought it to the Ascendant. For a direct primary direction having the Ascendant as the significator, the eastern Ascendant is the fixed point, and so the primary-direction formula yields

$$\text{arc length} = (RA)_P - (RA)_{Asc} - R_{Asc} \times [(AD)_P - (AD)_{Asc}],$$

where the subscript P refers to the promissor.

The Ascendant is on the horizon, but if we were to take it to be slightly above the horizon, then we would have

$$R_{Asc} = \left| \frac{(RA)_{Asc} - (RA)_{MC}}{90° + (AD)_{Asc}} \right|.$$

The **oblique ascension** OA is given by

$$OA = RA - AD.$$

On making use of the expression

$$(OA)_{Asc} = (RA)_{MC} + 90°,$$

we get

$$\frac{(RA)_{Asc} - (RA)_{MC}}{90° + (AD)_{Asc}} = \frac{(RA)_{Asc} - [(OA)_{Asc} - 90°]}{90° + (AD)_{Asc}} = \frac{90° + [(RA)_{Asc} - (OA)_{Asc}]}{90° + (AD)_{Asc}}$$

$$= \frac{90° + (AD)_{Asc}}{90° + (AD)_{Asc}} = 1,$$

and so $R_{Asc} = |1| = 1.$

The Ascendant is on the horizon, but if we were to take it to be slightly below the horizon, then we would have

$$R_{Asc} = \left| \frac{(RA)_{Asc} - (RA)_{IC}}{90° - (AD)_{Asc}} \right|.$$

If Point #1 and Point #2 are opposite points of the celestial sphere, then

$$(RA)_2 = (RA)_1 - 180° \equiv (RA)_1 + 180°,$$

$$\delta_2 = -\delta_1 \implies (AD)_2 = -(AD)_1.$$

Because the Midheaven and Imum Coeli are opposite points of the celestial sphere, we get

$$(RA)_{IC} = (RA)_{MC} - 180° \equiv (RA)_{MC} + 180°,$$

and so

$$\frac{(RA)_{Asc} - (RA)_{IC}}{90° - (AD)_{Asc}} = \frac{(RA)_{Asc} - [(RA)_{MC} + 180°]}{90° - (AD)_{Asc}}$$

$$= \frac{(RA)_{Asc} - [(OA)_{Asc} - 90°] - 180°}{90° - (AD)_{Asc}} = \frac{-90° + [(RA)_{Asc} - (OA)_{Asc}]}{90° - (AD)_{Asc}}$$

$$= \frac{-90° + (AD)_{Asc}}{90° - (AD)_{Asc}} = \frac{-[90° - (AD)_{Asc}]}{90° - (AD)_{Asc}} = -1 \, .$$

Therefore, we get $R_{Asc} = |-1| = 1$.

Having shown that $R_{Asc} = 1$, we now have

$$\text{arc length} = (RA)_P - (RA)_{Asc} - 1 \times [(AD)_P - (AD)_{Asc}]$$

$$= [(RA)_P - (AD)_P] - [(RA)_{Asc} - (AD)_{Asc}] \, ,$$

and so the expression

$$\text{arc length} = (OA)_P - (OA)_{Asc}$$

gives the arc length for a direct primary direction having the Ascendant as the significator.

Whenever a planet is just setting during its daily cycle, primary motion has brought it to the Descendant. For a direct primary direction having the Descendant as the significator, the western Descendent is the fixed point, and so the primary-direction formula yields

$$\text{arc length} = (RA)_P - (RA)_{Dsc} + R_{Dsc} \times [(AD)_P - (AD)_{Dsc}] \, ,$$

where the subscript P refers to the promissor.

The Descendant is on the horizon, but if we were to take it to be slightly above the horizon, then we would have

$$R_{Dsc} = \left| \frac{(RA)_{Dsc} - (RA)_{MC}}{90° + (AD)_{Dsc}} \right| \, .$$

The **oblique descension** OD is given by

$$OD = RA + AD \, .$$

On making use of the expression

$$(OD)_{Dsc} = (RA)_{MC} - 90° \, ,$$

we get

$$\frac{(RA)_{Dsc} - (RA)_{MC}}{90° + (AD)_{Dsc}} = \frac{(RA)_{Dsc} - [(OD)_{Dsc} + 90°]}{90° + (AD)_{Dsc}} = \frac{-90° - [(OD)_{Dsc} - (RA)_{Asc}]}{90° + (AD)_{Asc}}$$

$$= \frac{-90° - (AD)_{Dsc}}{90° + (AD)_{Dsc}} = -1 \, ,$$

and so $R_{Dsc} = |-1| = 1$.

The Descendant is on the horizon, but if we were to take it to be slightly below the horizon, then we would have

$$R_{Dsc} = \left| \frac{(RA)_{Dsc} - (RA)_{IC}}{90° - (AD)_{Dsc}} \right| .$$

On considering pertinent opposite points, we find that

$$\frac{(RA)_{Dsc} - (RA)_{IC}}{90° - (AD)_{Dsc}} = \frac{[(RA)_{Asc} - 180°] - [(RA)_{MC} - 180°]}{90° - [-(AD)_{Asc}]} = \frac{(RA)_{Asc} - (RA)_{MC}}{90° + (AD)_{Asc}} ,$$

which we have already shown to be equal to 1. Therefore, we get $R_{Dsc} = |1| = 1$.

Having shown that $R_{Dsc} = 1$, we now have

$$\text{arc length} = (RA)_P - (RA)_{Dsc} + 1 \times [(AD)_P - (AD)_{Dsc}]$$
$$= [(RA)_P + (AD)_P] - [(RA)_{Dsc} + (AD)_{Dsc}] ,$$

and so the expression

$$\text{arc length} = (OD)_P - (OD)_{Dsc}$$

gives the arc length for a direct primary direction having the Descendant as the significator. Let's go further. For the point Q that is opposite the promissor, we have

$$(RA)_Q = (RA)_P - 180° \equiv (RA)_P + 180° , \qquad (AD)_Q = -(AD)_P ,$$

and so

$$\text{arc length} = [(RA)_P + (AD)_P] - [(RA)_{Dsc} + (AD)_{Dsc}]$$
$$= [(RA)_Q + 180° - (AD)_Q] - [(RA)_{Asc} + 180° - (AD)_{Asc}]$$
$$= [(RA)_Q - (AD)_Q] - [(RA)_{Asc} - (AD)_{Asc}] .$$

It follows that

$$\text{arc length} = (OA)_Q - (OA)_{Asc} ,$$

and so for a direct primary direction having the Descendant as the significator, we may consider the situation in which the promissor's opposite point reaches the Ascendant.

A4 Directing toward a meridian angle
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Whenever a planet culminates during its daily cycle, primary motion has brought it to the Midheaven. For a direct primary direction having the Midheaven as the significator, the primary-direction formula yields

$$\text{arc length} = (RA)_P - (RA)_{MC} \mp R_{MC} \times [(AD)_P - (AD)_{MC}] ,$$

where the subscript P refers to the promissor.

Because the Midheaven is in the upper sky, we have

$$R_{MC} = \left| \frac{(RA)_{MC} - (RA)_{MC}}{90° + (AD)_{MC}} \right| = 0 \, ,$$

and so the expression

$$\text{arc length} = (RA)_P - (RA)_{MC}$$

gives the arc length for a direct primary direction having the Midheaven as the significator.

Whenever a planet anti-culminates during its daily cycle, primary motion has brought it to the Imum Coeli. For a direct primary direction having the Imum Coeli as the significator, the primary-direction formula yields

$$\text{arc length} = (RA)_P - (RA)_{IC} \mp R_{IC} \times [(AD)_P - (AD)_{IC}] \, ,$$

where the subscript P refers to the promissor.

Because the Imum Coeli is in the lower sky, we have

$$R_{IC} = \left| \frac{(RA)_{IC} - (RA)_{IC}}{90° - (AD)_{IC}} \right| = 0 \, ,$$

and so the expression

$$\text{arc length} = (RA)_P - (RA)_{IC}$$

gives the arc length for a direct primary direction having the Imum Coeli as the significator. Let's go further. We find that

$$\text{arc length} = (RA)_P - (RA)_{IC} = [(RA)_P - 180°] - [(RA)_{MC} - 180°]$$
$$= (RA)_Q - (RA)_{MC} \, ,$$

and so for a direct primary direction having Imum Coeli as the significator, we may consider the situation in which the promissor's opposite point reaches the Midheaven.

A5 Time-keys
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In order to convert the length of the arc of direction into the time when the predicted event occurs, we need a time-key. The Ptolemy and Naibod time-keys are useful when applying the method of primary directions to a natal chart.

A **sidereal day** is the time taken by Earth to complete a single rotation relative to the fixed stars, and it consists of approximately 23 hours, 56 minutes, and 4.0905 seconds (which is about 1436.068175 minutes). A sidereal day is a few minutes short of a **mean solar day** (the basis of the 24-hour civil day), which is the time taken by Earth to complete a single rotation and to advance about one degree along its orbital path about Sun. A **sidereal year** is the time taken by Earth to complete its orbit about Sun relative to the fixed stars, and it consists of 365 mean solar days, 6

hours, 9 minutes, and 9.8 seconds (which is about 365.256363 mean solar days). A **mean tropical year** is the time taken by Earth to complete its annual cycle of seasons, and it consists of 365 mean solar days, 5 hours, 48 minutes, and 45.1 seconds (which is about 365.242189 mean solar days).

Earth's axial rotation gives rise to primary motion. As Earth makes its daily 360° rotation about its axis, it moves at an angular rate of

$$\frac{360\ deg}{1436.068175\ min} \approx \frac{1\ deg}{3.98907826\ min},$$

and so it takes Earth about 3.98907826 minutes to longitudinally rotate by 01°. The **Ptolemy time-key** (named after the Hellenistic astrologer Claudius Ptolemy) is the notion that one degree of Earth's axial rotation corresponds to one sidereal year of age. Therefore, according to the Ptolemy time-key, each degree of the arc of direction corresponds to one sidereal year of age. Moreover, every addition of about 3.98907826 minutes to the birth time symbolically advances the natal chart by one sidereal year of age.

An alternative approach was developed by the 16th-century German astrologer Valentine Naibod. As Earth makes its yearly 360° orbit about Sun, it moves at an angular rate of

$$\frac{360\ deg}{365.256363\ days} \approx \frac{0.985609113\ deg}{1\ day} \approx \frac{00°\ 59'\ 08.19''}{1\ day}.$$

We may view Earth's yearly 360° orbit as a sequence of nearly 365 steps, each of 0.985609113 deg. We may similarly view Earth's daily 360° axial rotation as a sequence of nearly 365 steps, each of 0.985609113 deg. Here we are viewing 0.985609113 deg (about 00° 59' 08.19'') as the basic step of Earth's angular motion, whether axial (daily cycle) or orbital (yearly cycle). The **Naibod time-key** is the notion that each 00° 59' 08.19'' of Earth's axial rotation corresponds to one sidereal year of age. Therefore, according to the Naibod time-key, each 0.985609113 deg of the arc of direction corresponds to one sidereal year of age. In this regard, we find that

$$\frac{1\ yr\ of\ age}{0.985609113\ deg} \approx \frac{1.01460101\ yrs\ of\ age}{1\ deg},$$

and so each degree of the arc of direction corresponds to about 1.01460101 sidereal years of age.

It takes Earth about 3.98907826 minutes to longitudinally rotate by 01°, and so

$$0.985609113\ deg \times \frac{3.98907826\ min}{1\ deg} \approx 3.93167189\ min$$

is the time taken by Earth to longitudinally rotate by about 00° 59' 08.19''. Therefore, according to the Naibod time-key, every addition of about 3.93167189 minutes to the birth time symbolically advances the natal chart by one sidereal year of age.

Let's now consider applying the method of primary directions to a solar-return (SR) chart. Primary motion is related to Earth's axial rotation, which has a time rate of

$$\frac{360\ deg}{1436.068175\ min} \approx \frac{1\ deg}{3.98907826\ min},$$

Solar returns are related to Earth's orbital motion about Sun, which has a time rate of

$$\frac{360\ deg}{365.256363\ days} \approx \frac{1\ deg}{1.01460101\ days}.$$

The **SR time-key** is the notion that each degree of Earth's axial rotation corresponds to each degree of Earth's orbital motion. Therefore, according to the SR time-key, each degree of the arc of direction corresponds to about 1.01460101 mean solar days of age. Moreover, every addition of about 3.98907826 minutes to the SR time symbolically advances the SR chart by 1.01460101 mean solar days of age. It follows that every addition of about 3.93167189 minutes to the SR time symbolically advances the SR chart by one mean solar day of age.

Let's now consider applying the method of primary directions to a lunar-return (LR) chart. Primary motion is related to Earth's axial rotation, which has a time rate of

$$\frac{360\ deg}{1436.068175\ min} \approx \frac{1\ deg}{3.98907826\ min}.$$

Lunar returns are related to Moon's orbital motion about Earth, which has a time rate of

$$\frac{360\ deg}{27.3216620\ days} \approx \frac{1\ deg}{0.0758935056\ day}.$$

Note that a **sidereal month** consists of 27 mean solar days, 7 hours, 43 minutes, and 11.6 seconds (which is about 27.3216620 mean solar days). The **LR time-key** is the notion that each degree of Earth's axial rotation corresponds to each degree of Moon's orbital motion. Therefore, according to the LR time-key, each degree of the arc of direction corresponds to about 0.0758935056 mean solar days of age. Moreover, every addition of about 3.98907826 minutes to the LR time symbolically advances the LR chart by 0.0758935056 mean solar days of age. It follows that every addition of about 52.5615233 minutes to the LR time symbolically advances the LR chart by one mean solar day of age.

APPENDIX B
Calculating some primary directions
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Here we examine some primary directions that may be associated with the passing of the late Dr. Martin Luther King Jr. Using the tropical zodiac, we will apply the primary-direction formula of Appendix A to determine the date of the event predicted by each of these primary directions.

Appendix-B hyperlinks

Note that the denotation 'PC*n*' refers to the cusp of Porphyry House *n*.

B1 The Mars-PC4 conjunction
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FIGURE B1 presents King's natal chart in terms of tropical whole-sign houses. Regarding this chart, the Mars-PC4 conjunction is a converse primary direction in which Mars is the promissor and PC4 (the Imum Coeli) is the significator.

If we take the Mars-PC4 conjunction to be traditionally converse, then the fixed point is Mars, which lies in the lower eastern sky. For this situation, we have

$$\text{arc length} = (RA)_{IC} - (RA)_P - R_P \times [(AD)_{IC} - (AD)_P]\,,$$

where

$$R_P = \left| \frac{(RA)_P - (RA)_{IC}}{90° - (AD)_P} \right|\,.$$

Note that the subscript P refers to the promissor.

If we take the Mars-PC4 conjunction to be neo-converse, then the fixed point is the Imum Coeli, which lies in the lower sky. Here we use the negative of the arc-length formula that we would get if the primary direction were direct, and so

$$\text{arc length} = -[(RA)_P - (RA)_{IC}] = (RA)_{IC} - (RA)_P\,,$$

where the subscript P here refers to the promissor.

FIGURE B1: King's natal chart (tropical)

(PC12) 08:36	(PC11) 03:24 Ve 10:33 Mo 19:35	Me 11:45	(PC9) 03:24 Su 25:08 (PC10) 28:12	(PC8) 08:36 Sa 25:21
12th AR	11th PI	10th AQ	9th CP	8th SA
Ju 01:10 (PC1) 13:48 1st TA	**Martin Luther King Jr.** Natal Chart (Tropical Whole-Sign Houses) Tuesday, 15 JAN 1929 at 12:00 CST Atlanta, GA (33° 45′ N; 84° 23′ W)			(PC7) 13:48 7th SC
(PC2) 08:36 Ma 21:53 R	(PC3) 03:24 (PC4) 28:12		(PC5) 03:24	(PC6) 08:36
2nd GE	3rd CN	4th LE	5th VI	6th LI

Firstly, let's deal with Mars. In the tropical natal chart (FIGURE B1), Mars is at Gemini 21° 53′ 50″ with an ecliptic latitude of +03° 26′ 17″. Therefore, we have

$$\lambda_P = 81° 53' 50'' \approx 81.89722° , \qquad \beta_P = +03° 26' 17'' \approx +3.43806° .$$

We find that Mars's declination is

$$\delta_P = \arcsin(\sin \varepsilon \times \cos \beta_P \times \sin \lambda_P + \cos \varepsilon \times \sin \beta_P)$$

$$\approx \arcsin[\sin 23.43583° \times \cos(+3.43806°) \times \sin 81.89722°$$

$$+ \cos 23.43583° \times \sin(+3.43806°)]$$

$$\approx +26.61960° .$$

The equinoctial distance here is

$$(ED)_P = \arccos\left(\frac{\cos \beta_P \times \cos \lambda_P}{\cos \delta_P}\right) \approx \arccos\left[\frac{\cos(+3.43806°) \times \cos 81.89722°}{\cos(+26.61960°)}\right]$$

$$\approx 80.94529° .$$

Because $\lambda_P < 180°$, we get $(RA)_P = (ED)_P \approx 80.94529°$ as Mars's right ascension. King's geographic latitude of birth is $\Phi = 33° 45' N = +33.75°$. We find that

$$(AD)_P = \arcsin(\tan \delta_P \times \tan \Phi) \approx \arcsin[\tan(+26.61960°) \times \tan(+33.75°)]$$

$$\approx 19.56554°$$

is Mars's ascensional difference.

Secondly, let's deal with PC4 (the Imum Coeli). In the tropical natal chart (FIGURE B1), the Midheaven is at Capricorn 28° 12′ 25″ with an ecliptic latitude of 0° exactly. Therefore, we have

$$\lambda_{MC} = 298° \, 12′ \, 25″ \approx 298.20694°, \qquad \beta_{MC} = 0°.$$

We find that the Midheaven's declination is

$$\delta_{MC} = \arcsin(\sin \varepsilon \times \cos \beta_{MC} \times \sin \lambda_{MC} + \cos \varepsilon \times \sin \beta_{MC})$$

$$\approx \arcsin(\sin 23.43583° \times \cos 0° \times \sin 298.20694° + \cos 23.43583° \times \sin 0°)$$

$$\approx -20.51734°.$$

The equinoctial distance here is

$$(ED)_{MC} = \arccos \left(\frac{\cos \beta_{MC} \times \cos \lambda_{MC}}{\cos \delta_{MC}} \right) \approx \arccos \left[\frac{\cos 0° \times \cos 298.20694°}{\cos(-20.51734°)} \right]$$

$$\approx 59.69050°.$$

Because $\lambda_{MC} > 180°$, we get $(RA)_{MC} = 360° - (ED)_{MC} \approx 300.30950°$ as the Midheaven's right ascension. Because the Midheaven and the Imum Coeli are opposite points, we have

$$(RA)_{IC} = (RA)_{MC} - 180° \approx 300.30950° - 180° = 120.30950°,$$

$$\delta_{IC} = -\delta_{MC} \approx +20.51734°.$$

King's geographic latitude of birth is $\Phi = 33° \, 45′ \, N = +33.75°$. We find that

$$(AD)_{IC} = \arcsin(\tan \delta_{IC} \times \tan \Phi) \approx \arcsin[\tan(+20.51734°) \times \tan(+33.75°)]$$

$$\approx 14.48061°$$

is the Imum Coeli's ascensional difference.

Thirdly, let's deal with the ratio R_P. We find that

$$R_P = \left| \frac{(RA)_P - (RA)_{IC}}{90° - (AD)_P} \right| \approx \left| \frac{80.94529° - 120.30950°}{90° - 19.56554°} \right| \approx 0.55888.$$

Note that R_P must not exceed the value of 1.

Now we are ready to deal with the arc of direction for the converse Mars-PC4 conjunction. If we take the Mars-PC4 conjunction to be traditionally converse, then

$$\text{arc length} = (RA)_{IC} - (RA)_P - R_P \times [(AD)_{IC} - (AD)_P]$$

$$\approx 120.30950° - 80.94529° - 0.55888 \times (14.48061° - 19.56554°)$$

$$\approx 42.20608°.$$

According to the Naibod time-key, this arc indicates

$$42.20608 \, deg \times \frac{1.01460101 \, yrs \, of \, age}{1 \, deg} \approx 42.82233 \, yrs \, of \, age,$$

and so the traditionally converse Mars-PC4 conjunction predicts an event to occur sometime in 1971, which is greatly after King's passing on Thursday, 04 April 1968.

If we take the Mars-PC4 conjunction to be neo-converse, then

$$\text{arc length} = (RA)_{IC} - (RA)_P \approx 120.30950° - 80.94529° = 39.36421°.$$

According to the Naibod time-key, this arc indicates

$$39.36421 \, deg \times \frac{1.01460101 \, yrs \, of \, age}{1 \, deg} \approx 39.93897 \, yrs \, of \, age$$

$$= 39 \, yrs + \left(0.93897 \, yr \times \frac{365.256363 \, days}{1 \, yr}\right) \approx 39 \, yrs + 342.96477 \, days,$$

and so the neo-converse Mars-PC4 conjunction predicts an event to occur about 343 days after Monday, 15 January 1968 (King's 39th birthday), which is on Monday, 23 December 1968 (Day 358 of 1968).

B2 The Saturn-PC7 conjunction
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FIGURE B1 presents King's natal chart in terms of tropical whole-sign houses. Regarding this chart, the Saturn-PC7 conjunction is a direct primary direction in which Saturn is the promissor and PC7 (the Descendant) is the significator. For this situation, we have

$$\text{arc length} = (OD)_P - (OD)_{Dsc},$$

where the subscript P here refers to the promissor.

Firstly, let's deal with Saturn. In the tropical natal chart (FIGURE B1), Saturn is at Sagittarius 25° 21′ 07″ with an ecliptic latitude of +01° 09′ 56″. Therefore, we have

$$\lambda_P = 265° \, 21' \, 07'' \approx 265.35194°, \qquad \beta_P = +01° \, 09' \, 56'' \approx +1.16556°.$$

We find that the copy's declination is

$$\delta_P = \arcsin(\sin \varepsilon \times \cos \beta_P \times \sin \lambda_P + \cos \varepsilon \times \sin \beta_P)$$

$$\approx \arcsin[\sin 23.43583° \times \cos(+1.16556°) \times \sin 265.35194°$$

$$+ \cos 23.43583° \times \sin(+1.16556°)]$$

$$\approx -22.18933°.$$

The equinoctial distance here is

$$(ED)_P = \arccos\left(\frac{\cos \beta_P \times \cos \lambda_P}{\cos \delta_P}\right) \approx \arccos\left[\frac{\cos(+1.16556°) \times \cos 265.35194°}{\cos(-22.18933°)}\right]$$

$$\approx 95.01970°.$$

Because $\lambda_P > 180°$, we get $(RA)_P = 360° - (ED)_P \approx 264.98030°$ as the copy's right ascension. King's geographic latitude of birth is $\Phi = 33° \ 45' \ N = +33.75°$. For the copy's ascensional difference, we get

$$(AD)_P = \arcsin(\tan \delta_P \times \tan \Phi) \approx \arcsin[\tan(-22.18933°) \times \tan(+33.75°)]$$

$$\approx -15.81508° \, ,$$

and so

$$(OD)_P = (RA)_P + (AD)_P \approx 264.98030° + (-15.81508°) = 249.16522°$$

is the copy's oblique descension.

Secondly, let's deal with PC7 (the Descendant). In the tropical natal chart (FIGURE B1), the Descendant is at Scorpio 13° 48′ 38″ with an ecliptic latitude of 0° exactly. Therefore, we have

$$\lambda_{Dsc} = 223° \ 48' \ 38'' \approx 223.81056° \, , \qquad \beta_{Dsc} = 0° \, .$$

We find that the Descendant's declination is

$$\delta_{Dsc} = \arcsin(\sin \varepsilon \times \cos \beta_{Dsc} \times \sin \lambda_{Dsc} + \cos \varepsilon \times \sin \beta_{Dsc})$$

$$\approx \arcsin(\sin 23.43583° \times \cos 0° \times \sin 223.81056° + \cos 23.43583° \times \sin 0°)$$

$$\approx -15.98188° \, .$$

The equinoctial distance here is

$$(ED)_{Dsc} = \arccos \left(\frac{\cos \beta_{Dsc} \times \cos \lambda_{Dsc}}{\cos \delta_{Dsc}} \right) \approx \arccos \left[\frac{\cos 0° \times \cos 223.81056°}{\cos(-15.98188°)} \right]$$

$$\approx 138.64637° \, .$$

Because $\lambda_{Dsc} > 180°$, we get $(RA)_{Dsc} = 360° - (ED)_{Dsc} \approx 221.35363°$ as the Descendant's right ascension. King's geographic latitude of birth is $\Phi = 33° \ 45' \ N = +33.75°$. For the Descendant's ascensional difference, we get

$$(AD)_{Dsc} = \arcsin(\tan \delta_{Dsc} \times \tan \Phi) \approx \arcsin[\tan(-15.98188°) \times \tan(+33.75°)]$$

$$\approx -11.03266° \, ,$$

and so

$$(OD)_{Dsc} = (RA)_{Dsc} + (AD)_{Dsc} \approx 221.35363° + (-11.03266°) = 210.32097°$$

is the Descendant's oblique descension.

Now we are ready to deal with the arc of direction for the direct Saturn-PC7 conjunction. We find that

$$\text{arc length} = (OD)_P - (OD)_{Dsc} \approx 249.16522° - 210.32097° = 38.84425° \, .$$

According to the Naibod time-key, this arc indicates

$$38.84425\ deg \times \frac{1.01460101\ yrs\ of\ age}{1\ deg} \approx 39.41142\ yrs\ of\ age$$

$$= 39\ yrs + \left(0.41142\ yr \times \frac{365.256363\ days}{1\ yr}\right) \approx 39\ yrs + 150.27377\ days\ ,$$

and so the direct Saturn-PC7 conjunction predicts an event to occur about 150 days after Monday, 15 January 1968 (King's 39th birthday), which is on Thursday, 13 June 1968 (Day 165 of 1968).

B3 The Saturn-PC1 square

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FIGURE B3 presents King's 1968 SR chart in terms of tropical whole-sign houses.

FIGURE B3: King's 1968 SR chart (tropical)

(PC12) 04:25 Sa 06:56 12th AR	Ma 05:42 11th PI	Me 07:25 (PC11) 29:39 10th AQ	(PC10) 24:52 Su 25:40 9th CP	(PC8) 04:25 Ve 17:50 (PC9) 29:39 8th SA
(PC1) 09:12 1st TA	**Martin Luther King Jr.** Solar-Return Chart for Age 39 (Tropical) Tuesday, 16 JAN 1968 at 12:43:52 EST Atlanta, GA (33° 45′ N; 84° 23′ W)			(PC7) 09:12 7th SC
(PC2) 04:25 (PC3) 29:39 2nd GE	(PC4) 24:52 3rd CN	Mo 08:32 (PC5) 29:39 4th LE	Ju 04:48 R 5th VI	(PC6) 04:25 6th LI

Regarding this chart, the Saturn-PC1 square is a converse primary direction in which Saturn's dexter-square copy is the promissor and PC1 (the Ascendant) is the significator.

If we take the Saturn-PC1 square to be traditionally converse, then the fixed point is Saturn's dexter-square copy, which lies in the upper eastern sky. For this situation, we have

$$\text{arc length} = (RA)_{Asc} - (RA)_P - R_P \times [(AD)_{Asc} - (AD)_P]\ ,$$

where

$$R_P = \left| \frac{(RA)_P - (RA)_{MC}}{90° + (AD)_P} \right|.$$

Note that the subscript P refers to the promissor.

If we take the Saturn-PC1 square to be neo-converse, then the fixed point is the Ascendant, which lies in the eastern sky. Here we use the negative of the arc-length formula that we would get if the primary direction were direct, and so

$$\text{arc length} = -[(OA)_P - (OA)_{Asc}] = (OA)_{Asc} - (OA)_P$$
$$= [(RA)_{Asc} - (AD)_{Asc}] - [(RA)_P - (AD)_P]$$
$$= (RA)_{Asc} - (RA)_P - [(AD)_{Asc} - (AD)_P],$$

where the subscript P refers to the promissor.

Firstly, let's deal with Saturn's dexter-square copy. In the tropical SR chart (FIGURE B3), Saturn is at Aries 06° 56′ 53″ with an ecliptic latitude of $-02° 22′ 36″$. Its dexter-square copy is at Capricorn 06° 56′ 53″ with a Bianchini ecliptic latitude of $(-02° 22′ 36″) \times \cos 90° = 0°$. Therefore, we have

$$\lambda_P = 276° 56′ 53″ \approx 276.94806°, \qquad \beta_P = 0°.$$

We find that the copy's declination is

$$\delta_P = \arcsin(\sin \varepsilon \times \cos \beta_P \times \sin \lambda_P + \cos \varepsilon \times \sin \beta_P)$$
$$\approx \arcsin(\sin 23.43583° \times \cos 0° \times \sin 276.94806° + \cos 23.43583° \times \sin 0°)$$
$$\approx -23.25356°.$$

The equinoctial distance here is

$$(ED)_P = \arccos\left(\frac{\cos \beta_P \times \cos \lambda_P}{\cos \delta_P}\right) \approx \arccos\left[\frac{\cos 0° \times \cos 276.94806°}{\cos(-23.25356°)}\right]$$
$$\approx 82.43418°.$$

Because $\lambda_P > 180°$, we get $(RA)_P = 360° - (ED)_P \approx 277.56582°$ as the copy's right ascension. King's geographic latitude of birth is $\Phi = 33° 45′ N = +33.75°$. We find that

$$(AD)_P = \arcsin(\tan \delta_P \times \tan \Phi) \approx \arcsin[\tan(-23.25356°) \times \tan(+33.75°)]$$
$$\approx -16.68570°$$

is the copy's ascensional difference.

Secondly, let's deal with PC1 (the Ascendant). In the tropical SR chart (FIGURE B3), the Ascendant is at Taurus 09° 12′ 33″ with an ecliptic latitude of 0° exactly. Therefore, we have

$$\lambda_{Asc} = 39° 12′ 33″ \approx 39.20917°, \qquad \beta_{Asc} = 0°.$$

We find that the Ascendant's declination is

$$\delta_{Asc} = \arcsin(\sin \varepsilon \times \cos \beta_{Asc} \times \sin \lambda_{Asc} + \cos \varepsilon \times \sin \beta_{Asc})$$

$$\approx \arcsin(\sin 23.43583° \times \cos 0° \times \sin 39.20917° + \cos 23.43583° \times \sin 0°)$$

$$\approx +14.56162°\,.$$

The equinoctial distance here is

$$(ED)_{Asc} = \arccos\left(\frac{\cos \beta_{Asc} \times \cos \lambda_{Asc}}{\cos \delta_{Asc}}\right) \approx \arccos\left[\frac{\cos 0° \times \cos 39.20917°}{\cos(+14.56162°)}\right]$$

$$\approx 36.81648°\,.$$

Because $\lambda_{Asc} < 180°$, we get $(RA)_{Asc} = (ED)_{Asc} \approx 36.81648°$ as the Ascendant's right ascension. King's geographic latitude of birth is $\Phi = 33° \, 45' \, N = +33.75°$. We find that

$$(AD)_{Asc} = \arcsin(\tan \delta_{Asc} \times \tan \Phi) \approx \arcsin[\tan(+14.56162°) \times \tan(+33.75°)]$$

$$\approx 9.99543°$$

is the Ascendant's ascensional difference.

Thirdly, let's deal with the ratio R_P. In the tropical SR chart (FIGURE B3), the Midheaven is at Capricorn 24° 52′ 49″ with an ecliptic latitude of 0° exactly. Therefore, we have

$$\lambda_{MC} = 294° \, 52' \, 49'' \approx 294.88028°\,, \qquad \beta_{MC} = 0°\,.$$

We find that the Midheaven's declination is

$$\delta_{MC} = \arcsin(\sin \varepsilon \times \cos \beta_{MC} \times \sin \lambda_{MC} + \cos \varepsilon \times \sin \beta_{MC})$$

$$\approx \arcsin(\sin 23.43583° \times \cos 0° \times \sin 294.88028° + \cos 23.43583° \times \sin 0°)$$

$$\approx -21.14987°\,.$$

The equinoctial distance here is

$$(ED)_{MC} = \arccos\left(\frac{\cos \beta_{MC} \times \cos \lambda_{MC}}{\cos \delta_{MC}}\right) \approx \arccos\left[\frac{\cos 0° \times \cos 294.88028°}{\cos(-21.14987°)}\right]$$

$$\approx 63.18505°\,.$$

Because $\lambda_{MC} > 180°$, we get $(RA)_{MC} = 360° - (ED)_{MC} \approx 296.81495°$ as the Midheaven's right ascension. We find that

$$R_P = \left|\frac{(RA)_P - (RA)_{MC}}{90° + (AD)_P}\right| \approx \left|\frac{277.56582° - 296.81495°}{90° + (-16.68570°)}\right| \approx 0.26256\,.$$

Note that R_P must not exceed the value of 1.

Now we are ready to deal with the arc of direction for the converse Saturn-PC1 square. If we take the Saturn-PC1 square to be traditionally converse, then

$$\text{arc length} = (RA)_{Asc} - (RA)_P - R_P \times [(AD)_{Asc} - (AD)_P]$$

$$\approx 36.81648° - 277.56582° - 0.26256 \times [9.99543° - (-16.68570°)]$$

$$\approx -247.75474° \equiv -247.75474° + 360° = 112.24526°.$$

According to the SR time-key, this arc indicates

$$112.24526 \, deg \times \frac{1.01460101 \, days \, of \, age}{1 \, deg} \approx 113.88415 \, days \, of \, age,$$

and so the traditionally converse Saturn-PC1 square predicts an event to occur about 114 days after Tuesday, 16 January 1968 (the SR date), which is on Thursday, 09 May 1968 (Day 130 of 1968).

If we take the Saturn-PC1 square to be neo-converse, then

$$\text{arc length} = (RA)_{Asc} - (RA)_P - [(AD)_{Asc} - (AD)_P]$$

$$\approx 36.81648° - 277.56582° - [9.99543° - (-16.68570°)]$$

$$= -267.43047° \equiv -267.43047° + 360° = 92.56953°.$$

According to the SR time-key, this arc indicates

$$92.56953 \, deg \times \frac{1.01460101 \, days \, of \, age}{1 \, deg} \approx 93.92114 \, days \, of \, age,$$

and so the neo-converse Saturn-PC1 square predicts an event to occur about 94 days after Tuesday, 16 January 1968 (the SR date), which is on Friday, 19 April 1968 (Day 110 of 1968).

B4 The Sun-PC7 conjunction
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FIGURE B3 presents King's 1968 SR chart in terms of tropical whole-sign houses. Regarding this chart, the Sun-PC7 conjunction is a direct primary direction in which Sun is the promissor and PC7 (the Descendant) is the significator. For this situation, we have

$$\text{arc length} = (OD)_P - (OD)_{Dsc},$$

where the subscript P here refers to the promissor.

Firstly, let's deal with Sun. In the tropical SR chart (FIGURE B3), Sun is at Capricorn 25° 40′ 01″ with an ecliptic latitude of 0° exactly. Therefore, we have

$$\lambda_P = 295° 40' 01'' \approx 295.66694°, \qquad \beta_P = 0°.$$

We find that Sun's declination is

$$\delta_P = \arcsin(\sin \varepsilon \times \cos \beta_P \times \sin \lambda_P + \cos \varepsilon \times \sin \beta_P)$$

$$\approx \arcsin(\sin 23.43583° \times \cos 0° \times \sin 295.66694° + \cos 23.43583° \times \sin 0°)$$

$$\approx -21.00672°.$$

The equinoctial distance here is

$$(ED)_P = \arccos\left(\frac{\cos\beta_P \times \cos\lambda_P}{\cos\delta_P}\right) \approx \arccos\left[\frac{\cos 0° \times \cos 295.66694°}{\cos(-21.00672°)}\right]$$

$$\approx 62.35605°.$$

Because $\lambda_P > 180°$, we get $(RA)_P = 360° - (ED)_P \approx 297.64395°$ as Sun's right ascension. King's geographic latitude of birth is $\Phi = 33° \, 45' \, N = +33.75°$. For Sun's ascensional difference, we get

$$(AD)_P = \arcsin(\tan\delta_P \times \tan\Phi) \approx \arcsin[\tan(-21.00672°) \times \tan(+33.75°)]$$

$$\approx -14.86721°,$$

and so

$$(OD)_P = (RA)_P + (AD)_P \approx 297.64395° + (-14.86721°) = 282.77674°$$

is Sun's oblique descension.

Secondly, let's deal with PC7 (the Descendant). In the tropical SR chart (FIGURE B3), the Descendant is at Scorpio 09° 12′ 33″ with an ecliptic latitude of 0° exactly. Therefore, we have

$$\lambda_{Dsc} = 219° \, 12' \, 33'' \approx 219.20917°, \qquad \beta_{Dsc} = 0°.$$

We find that the Descendant's declination is

$$\delta_{Dsc} = \arcsin(\sin\varepsilon \times \cos\beta_{Dsc} \times \sin\lambda_{Dsc} + \cos\varepsilon \times \sin\beta_{Dsc})$$

$$\approx \arcsin(\sin 23.43583° \times \cos 0° \times \sin 219.20917° + \cos 23.43583° \times \sin 0°)$$

$$\approx -14.56162°.$$

The equinoctial distance here is

$$(ED)_{Dsc} = \arccos\left(\frac{\cos\beta_{Dsc} \times \cos\lambda_{Dsc}}{\cos\delta_{Dsc}}\right) \approx \arccos\left[\frac{\cos 0° \times \cos 219.20917°}{\cos(-14.56162°)}\right]$$

$$\approx 143.18352°.$$

Because $\lambda_{Dsc} > 180°$, we get $(RA)_{Dsc} = 360° - (ED)_{Dsc} \approx 216.81648°$ as the Descendant's right ascension. King's geographic latitude of birth is $\Phi = 33° \, 45' \, N = +33.75°$. For the Descendant's ascensional difference, we get

$$(AD)_{Dsc} = \arcsin(\tan\delta_{Dsc} \times \tan\Phi) \approx \arcsin[\tan(-14.56162°) \times \tan(+33.75°)]$$

$$\approx -9.99543°,$$

and so

$$(OD)_{Dsc} = (RA)_{Dsc} + (AD)_{Dsc} \approx 216.81648° + (-9.99543°) = 206.82105°$$

is the Descendant's oblique descension.

Now we are ready to deal with the arc of direction for the direct Sun-PC7 conjunction. We find that

$$\text{arc length} = (OD)_P - (OD)_{Dsc} \approx 282.77674° - 206.82105° = 75.95569°.$$

According to the SR time-key, this arc indicates

$$75.95569 \ deg \times \frac{1.01460101 \ days \ of \ age}{1 \ deg} \approx 77.06472 \ days \ of \ age,$$

and so the direct Sun-PC7 conjunction predicts an event to occur about 77 days after Tuesday, 16 January 1968 (the SR date), which is on Tuesday, 02 April 1968 (Day 93 of 1968).

B5 The Venus-PC4 conjunction
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FIGURE B5 presents King's last LR chart in terms of tropical whole-sign houses.

FIGURE B5: King's last LR chart (tropical)

(PC12) 03:06 Me 13:08 Ve 14:41 Mo 20:08 12th PI	(PC11) 02:37 11th AQ	(PC10) 02:08 10th CP	(PC9) 02:37 9th SA	(PC8) 03:06 8th SC
(PC1) 03:35 Su 06:51 Sa 14:16 Ma 29:37 1st AR	**Martin Luther King Jr.** Last Lunar-Return Chart (Tropical) Wednesday, 27 MAR 1968 at 06:27:04 EST Atlanta, GA (33° 45′ N; 84° 23′ W)			(PC7) 03:35 7th LI
(PC2) 03:06 2nd TA	(PC3) 02:37 3rd GE	(PC4) 02:08 4th CN	(PC5) 02:37 Ju 26:49 R 5th LE	(PC6) 03:06 6th VI

Regarding this chart, the Venus-PC4 conjunction is a converse primary direction in which Venus is the promissor and PC4 (the Imum Coeli) is the significator.

If we take the Venus-PC4 conjunction to be traditionally converse, then the fixed point is Venus, which lies in the upper eastern sky. For this situation, we have

$$\text{arc length} = (RA)_{IC} - (RA)_P - R_P \times [(AD)_{IC} - (AD)_P],$$

where

$$R_P = \left| \frac{(RA)_P - (RA)_{MC}}{90° + (AD)_P} \right| .$$

Note that the subscript P refers to the promissor.

If we take the Venus-PC4 conjunction to be neo-converse, then the fixed point is the Imum Coeli, which lies in the lower sky. Here we use the negative of the arc-length formula that we would get if the primary direction were direct, and so

$$\text{arc length} = -[(RA)_P - (RA)_{IC}] = (RA)_{IC} - (RA)_P .$$

where the subscript P here refers to the promissor.

Firstly, let's deal with Venus. In the tropical LR chart (FIGURE B5), Venus is at Pisces 14° 41′ 01″ with an ecliptic latitude of −01° 20′ 30″. Therefore, we have

$$\lambda_P = 344° 41′ 01″ \approx 344.68361° , \qquad \beta_P = -01° 20′ 30″ \approx -1.34167° .$$

We find that Venus's declination is

$$\delta_P = \arcsin(\sin \varepsilon \times \cos \beta_P \times \sin \lambda_P + \cos \varepsilon \times \sin \beta_P)$$

$$\approx \arcsin[\sin 23.43583° \times \cos(-1.34167°) \times \sin 344.68361°$$

$$+ \cos 23.43583° \times \sin(-1.34167°)]$$

$$\approx -7.26807° .$$

The equinoctial distance here is

$$(ED)_P = \arccos \left(\frac{\cos \beta_P \times \cos \lambda_P}{\cos \delta_P} \right) \approx \arccos \left[\frac{\cos(-1.34167°) \times \cos 344.68361°}{\cos(-7.26807°)} \right]$$

$$\approx 13.58376° .$$

Because $\lambda_P > 180°$, we get $(RA)_P = 360° - (ED)_P \approx 346.41624°$ as Venus's right ascension. King's geographic latitude of birth is $\Phi = 33° 45′ N = +33.75°$. We find that

$$(AD)_P = \arcsin(\tan \delta_P \times \tan \Phi) \approx \arcsin[\tan(-7.26807°) \times \tan(+33.75°)]$$

$$\approx -4.88852°$$

is the copy's ascensional difference.

Secondly, let's deal with PC4 (the Imum Coeli). In the tropical LR chart (FIGURE B5), the Midheaven is at Capricorn 02° 08′ 46″ with an ecliptic latitude of 0° exactly. Therefore, we have

$$\lambda_{MC} = 272° 08′ 46″ \approx 272.14611° , \qquad \beta_{MC} = 0° .$$

We find that the Midheaven's declination is

$$\delta_{MC} = \arcsin(\sin \varepsilon \times \cos \beta_{MC} \times \sin \lambda_{MC} + \cos \varepsilon \times \sin \beta_{MC})$$

$$\approx \arcsin(\sin 23.43583° \times \cos 0° \times \sin 272.14611° + \cos 23.43583° \times \sin 0°)$$

$$\approx -23.41841° .$$

The equinoctial distance here is

$$(ED)_{MC} = \arccos\left(\frac{\cos \beta_{MC} \times \cos \lambda_{MC}}{\cos \delta_{MC}}\right) \approx \arccos\left[\frac{\cos 0° \times \cos 272.14611°}{\cos(-23.41841°)}\right]$$

$$\approx 87.66114°.$$

Because $\lambda_{MC} > 180°$, we get $(RA)_{MC} = 360° - (ED)_{MC} \approx 272.33886°$ as the Midheaven's right ascension. Because the Midheaven and the Imum Coeli are opposite points, we have

$$(RA)_{IC} = (RA)_{MC} - 180° \approx 272.33886° - 180° = 92.33886°,$$

$$\delta_{IC} = -\delta_{MC} \approx +23.41841°.$$

King's geographic latitude of birth is $\Phi = 33° \, 45' \, N = +33.75°$. We find that

$$(AD)_{IC} = \arcsin(\tan \delta_{IC} \times \tan \Phi) \approx \arcsin[\tan(+23.41841°) \times \tan(+33.75°)]$$

$$\approx 16.82214°$$

is the Imum Coeli's ascensional difference.

Thirdly, let's deal with the ratio R_P. We find that

$$R_P = \left|\frac{(RA)_P - (RA)_{MC}}{90° + (AD)_P}\right| \approx \left|\frac{346.41624° - 272.33886°}{90° + (-4.88852°)}\right| \approx 0.87036.$$

Note that R_P must not exceed the value of 1.

Now we are ready to deal with the arc of direction for the converse Venus-PC4 conjunction. If we take the Venus-PC4 conjunction to be traditionally converse, then

$$\text{arc length} = (RA)_{IC} - (RA)_P - R_P \times [(AD)_{IC} - (AD)_P]$$

$$\approx 92.33886° - 346.41624° - 0.87036 \times [16.82214° - (-4.88852°)]$$

$$\approx -272.97347° \equiv -272.97347° + 360° = 87.02653°.$$

According to the LR time-key, this arc indicates

$$87.02653 \, deg \times \frac{0.0758935056 \, days \, of \, age}{1 \, deg} \approx 6.60475 \, days \, of \, age,$$

and so the traditionally converse Venus-PC4 conjunction predicts an event to occur about 7 days after Wednesday, 27 March 1968 (the LR date), which is on Wednesday, 03 April 1968 (Day 94 of 1968).

If we take the Venus-PC4 conjunction to be neo-converse, then

$$\text{arc length} = (RA)_{IC} - (RA)_P \approx 92.33886° - 346.41624°$$

$$= -254.07738° \equiv -254.07738° + 360° = 105.92262°.$$

According to the LR time-key, this arc indicates

$$105.92262 \, deg \times \frac{0.0758935056 \, days \, of \, age}{1 \, deg} \approx 8.03884 \, days \, of \, age \, ,$$

and so the neo-converse Venus-PC4 conjunction predicts an event to occur about 8 days after Wednesday, 27 March 1968 (the LR date), which is on Thursday, 04 April 1968 (Day 95 of 1968).

B6 The Mars-PC1 square
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FIGURE B5 presents King's last LR chart in terms of tropical whole-sign houses. Regarding this chart, the Mars-PC1 square is a direct primary direction in which Mars's sinister-square copy is the promissor and PC1 (the Ascendant) is the significator. For this situation, we have

$$\text{arc length} = (OA)_P - (OA)_{Asc} \, ,$$

where the subscript P here refers to the promissor.

Firstly, let's deal with Mars's sinister-square copy. In the tropical LR chart (FIGURE B5), Mars is at Aries $29° \, 37' \, 21''$ with an ecliptic latitude of $-00° \, 05' \, 18''$. Its sinister-square copy is at Cancer $29° \, 37' \, 21''$ with a Bianchini ecliptic latitude of $(-00° \, 05' \, 18'') \times \cos 90° = 0°$. Therefore, we have

$$\lambda_P = 119° \, 37' \, 21'' = 119.6225° \, , \qquad \beta_P = 0° \, .$$

We find that the copy's declination is

$$\delta_P = \arcsin(\sin \varepsilon \times \cos \beta_P \times \sin \lambda_P + \cos \varepsilon \times \sin \beta_P)$$

$$\approx \arcsin(\sin 23.43583° \times \cos 0° \times \sin 119.6225° + \cos 23.43583° \times \sin 0°)$$

$$\approx +20.22697° \, .$$

The equinoctial distance here is

$$(ED)_P = \arccos \left(\frac{\cos \beta_P \times \cos \lambda_P}{\cos \delta_P} \right) \approx \arccos \left[\frac{\cos 0° \times \cos 119.6225°}{\cos(+20.22697°)} \right]$$

$$\approx 121.78740° \, .$$

Because $\lambda_P < 180°$, we get $(RA)_P = (ED)_P \approx 121.78740°$ as the copy's right ascension. King's geographic latitude of birth is $\Phi = 33° \, 45' \, N = +33.75°$. For the copy's ascensional difference, we get

$$(AD)_P = \arcsin(\tan \delta_P \times \tan \Phi) \approx \arcsin[\tan(+20.22697°) \times \tan(+33.75°)]$$

$$\approx 14.25270° \, ,$$

and so

$$(OA)_P = (RA)_P - (AD)_P \approx 121.78740° - 14.25270° = 107.53470°$$

is the copy's oblique ascension.

Secondly, let's deal with PC1 (the Ascendant). In the tropical LR chart (FIGURE B5), the Ascendant is at Aries 03° 35′ 18″ with an ecliptic latitude of 0° exactly. Therefore, we have

$$\lambda_{Asc} = 03°\ 35'\ 18'' \approx 3.58833°, \qquad \beta_{Asc} = 0°.$$

We find that the Ascendant's declination is

$$\delta_{Asc} = \arcsin(\sin \varepsilon \times \cos \beta_{Asc} \times \sin \lambda_{Asc} + \cos \varepsilon \times \sin \beta_{Asc})$$

$$\approx \arcsin(\sin 23.43583° \times \cos 0° \times \sin 3.58833° + \cos 23.43583° \times \sin 0°)$$

$$\approx +1.42637°.$$

The equinoctial distance here is

$$(ED)_{Asc} = \arccos\left(\frac{\cos \beta_{Asc} \times \cos \lambda_{Asc}}{\cos \delta_{Asc}}\right) \approx \arccos\left[\frac{\cos 0° \times \cos 3.58833°}{\cos(+1.42637°)}\right]$$

$$\approx 3.29300°.$$

Because $\lambda_{Asc} < 180°$, we get $(RA)_{Asc} = (ED)_{Asc} \approx 3.29300°$ as the Ascendant's right ascension. King's geographic latitude of birth is $\Phi = 33°\ 45'\ N = +33.75°$. For the Ascendant's ascensional difference, we get

$$(AD)_{Asc} = \arcsin(\tan \delta_{Asc} \times \tan \Phi) \approx \arcsin[\tan(+1.42637°) \times \tan(+33.75°)]$$

$$\approx 0.95331°,$$

and so

$$(OA)_{Asc} = (RA)_{Asc} - (AD)_{Asc} \approx 3.29300° - 0.95331° = 2.33969°$$

is the Ascendant's oblique ascension.

Now we are ready to deal with the arc of direction for the direct Mars-PC1 square. We find that

$$\text{arc length} = (OA)_P - (OA)_{Asc} \approx 107.53470° - 2.33969° = 105.19501°.$$

According to the LR time-key, this arc indicates

$$105.19501\ deg \times \frac{0.0758935056\ days\ of\ age}{1\ deg} \approx 7.98362\ days\ of\ age,$$

and so the direct Mars-PC1 square predicts an event to occur about 8 days after Wednesday, 27 March 1968 (the LR date), which is on Thursday, 04 April 1968 (Day 95 of 1968).

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