

NEW DICTIONARY OF ASTROLOGY

*In which all technical and abstruse terms
used in the textbooks of the Science
are intimately explained and illustrated*

By

SEPHARIAL

Author of

The Manual of Astrology, etc.

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PREFACE

THE following pages will appeal immediately to those who are in the preliminary stages of astrological study, and in some part also to such as, having made progress in the technical part of Astrology, are in need from time to time of referring to points of debatable interest or data that are not usually accessible.

The work is not presumed to be exhaustive of the subject with which it deals, but it must be remembered that it is a *Dictionary* rather than an Encyclopaedia of Astrology and professes no more than to define the various terms used in the numerous works of astrological writers, past and present, and to give some illustrations of the more technical points which the student is sure to meet with in the course of his reading.

Matters of controversial interest have not been ignored entirely, but in a work of this nature it would be out of place to enter fully into the discussion. It has been thought sufficient to merely enter the forum of debate and state the case as it stands, leaving the student to come to his own unbiased conclusion from independent study. For this reason the material rather than the argument has been supplied in these pages, and reference to several authors and their points of view in regard to any subject which may fairly be regarded as controversial, is sufficient evidence that the Author's aim has been to make a statement of case with all possible impartiality.

It is hardly likely that any term that is not altogether obsolete will be looked for in vain. Certain Arabic terms have survived the changes which have taken place in astrological terminology, and these will be found fully explained in their proper alphabetical order. Many others, which are to be

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found in some of the old books, have been excluded, on the ground that an author who uses a foreign term usually explains it in his context or in a footnote. Many such from the Chinese, Hebrew, Arabic and Greek, and others from the Sanskrit, occur in modern works on Astrology, the meaning of which is sufficiently obvious, and therefore they have been excluded from this Dictionary, which is written for the English-reading public.

In the present Edition readers will find a great deal of new material regarding the influence of the planet Pluto. Despite the attempts of certain astrologers to discard its influence, this planet DOES exercise a potent influence over people and affairs and the indications given will be found to be of extreme value in the interpreting of a Natal horoscope.

A further addition is the inclusion of Tables of TIME DIFFERENCES for various parts of the world showing the difference between the Zone or Standard Time of a Country, and Greenwich Mean Time. A knowledge of Time Differences is very important in the calculation of horoscopes, especially for places abroad, and in the majority of existing textbooks is a factor which is woefully omitted. Its inclusion in the present *Dictionary* should therefore be of immense value to readers and students who wish to be mathematically correct in the preparing of horoscopes either for themselves or for others.

NEW DICTIONARY OF ASTROLOGY

Abcission. – Lit. 'cutting off'. A term much used by the ancient authors; but little heeded by modern writers, to their detriment. Abcission occurs when the rays of a planet by aspect or conjunction fall between two others that are forming an aspect.

Example. – The Moon being in Taurus 10 and Saturn in Taurus 15 are within orbs of a conjunction, and signify various evils according to their position in the horoscope. Jupiter being in Cancer 12 throws a sextile aspect which falls between the bodies of the Moon and Saturn, and hence there is a 'cutting off' of the rays of Saturn from the Moon, and the evil is remedied by such means as is signified by the position of Jupiter.

Achronycal, rising or setting. – A term used by Ptolemy in the *Almagest* and elsewhere. Denotes the rising or setting of a planet or star in direct opposition to the Sun, a position favourable to astronomical observation.

Active Stars. – See 'Promissors'.

Affliction. – This occurs when a planet is badly aspected by semi-square, square, sesquare or opposition of another or others, or when in conjunction or parallel with the malefic planets. (See 'Malefics'.)

Airy or Aerial Signs. – Gemini, Libra and Aquarius. These form the aerial Triplicity.

Aldebaran. – A fixed star in Right Ascension 4h. 31m.,

Declin. 16° 21' North. Called 'the Bull's Eye' or Alpha Tauri. Magnitude 1.1.

Almuten. – The most friendly or well-disposed planet in the horoscope. To hold this position the planet must be in its own sign or exaltation and well aspected and elevated in the figure.

Alpheta. – The giver of life. The alphetical points as defined by Ptolemy are: From 5° below the 9th cusp to the middle of the 11th House; from 5° below the 7th to 25° above it; from 5° above the Ascendant to 25° below it. All measures are made by Oblique Ascension, or Descension. There is no point more in debate in the whole science than this of alphetical prerogatives. Ptolemy and Placidus affirm that the Sun is to be preferred in a diurnal geniture when within the prescribed limits and in a night geniture the Moon when within the same limits, and failing either luminary the Ascendant is to be so taken. The question has been raised as to whether any planet occupying the alphetical places, when the luminaries are not so placed, cannot hold the vital prerogative. All are agreed that the Ascendant has immense influence in this matter. My own view is that at all times the Sun when within the alphetical limits should be preferred to any other Significator, and when the Sun is not so placed, the Moon is to be taken if alphetically disposed, whether by day or night. In conjunction with either of the luminaries the Ascendant should always be regarded and finally resorted to as Hyleg or Alpheta when neither the Sun nor Moon are alphetical at birth. But there remains the discreet problem as to whether a luminary, not at birth in an alphetical place, may not become Hyleg by direction after birth at such time as it comes to a position within the prescribed limits. These are points that only extensive research and experiment can rightly determine. It seldom happens that the most afflicted of three Significators, Sun, Moon and Ascendant, at birth, comes to a malefic configuration without serious assault upon

the constitution and vital centres, and successive assaults upon this Significator do not fail to break down the degree of resistance which the constitution is capable of setting up. A radical point of vulnerability is more easily attacked than one that is fortified by position and aspects. Hence I look for the weak point among the Significators in the radix and direct that for the *terminus vitae*.

Altitude. – The distance of a star from the horizon measured at right angles to the plane of the horizon.

Anareta. – That which destroys life. Applied to an afflicting and malefic planet in conjunction or evil aspect to the Hyleg. In morbid deaths Jupiter, Venus, the Sun, Moon and Mercury can act as anaretic planets. In violent deaths Neptune disposes to assassination and death in a riotous manner, Uranus to suicide and violent accidents, Saturn to falls and hurts by concussion, Mars to death by fire, sword, scalding, explosion, etc., according to the nature of the signs they severally occupy. Planets in the 8th House at birth dispose to constitutional hurts at the time of their setting (measured by Oblique Descension). Pluto afflicting the Hyleg or in the 8th House exercises a strange vibration. It can cause total disappearance so that the end of the person or the actual cause of death may never be definitely known. From another standpoint it will show a condition of death where the body is never recovered and where burial is not possible, such as falling into a bog, being trapped in a submarine disaster, being involved in a mountain accident or trapped as a result of a 'pot-hole' exploration. All such-like deaths will come very prominently under the influence of Pluto.

Animoder. – Ptolemy's Method of Rectification of Birth-time. (See 'Rectification'.)

Angles. – The angles of the heavens are the cardinal points of the Prime Vertical, namely, the Zenith, Nadir, East and West horizons. Those of the horoscope are the

Mid-heaven, Imum Coeli, Ascendant and Descendant. They are identified with the degrees of the zodiac for the time holding those points.

Antipathies. – Planets are antipathetical which rule opposite signs or exaltation signs. Example, Saturn ruling Capricorn is antipathetical to the Moon ruling Cancer. The Moon exalted in Taurus is antipathetical to Mars ruling Scorpio, etc.

Antiscions. – Usually applied to alternate signs, as Virgo and Scorpio, which, on the rising of Libra, hold an equal distance from the horizon. Thus the tenth degree of Virgo will be 20° from the first point of Libra (the equinoctial point) and will therefore be the antiscion of Scorpio 20 . Similarly Gemini 9 is the antiscion of Leo 21 .

Apogee. – The point in a planet's orbit where it is farthest from the Earth.

Aphelion. – The point where the Earth is farthest from the Sun in its annual revolution.

Application. – This is of three kinds. (1) When a planet direct applies to the aspect of another; (2) When a planet retrograde applies to an aspect; (3) When both planets are retrograde and one overtakes the other. Planets applying to aspects have greater significance than those separating.

Arc. – An arc is a portion of a circle. Arcs of Direction are measured in Right Ascension, Oblique Ascension and Zodiacal Equivalent. An Arc of Direction is the distance between a radical position of a Significator and the body or aspect of a Promittor.

Ascendant. – The degree of the zodiac which is rising at birth or at any other epoch under consideration. A planet between the lower meridian and the East horizon is ascending, but it does not come to the Ascendant until it has traversed the nocturnal semi-arc of its course in the heavens.

The 'Ascendant' is sometimes used to indicate the 1st House or that space of 30° of oblique ascension next below the East horizon. Any planet between the lower meridian and the Mid-heaven eastward is said to be ascending.

Ascension. – This may be either Right or Oblique. Right Ascension is measured in the plane of the Equator. Oblique Ascension is measured in the Prime Vertical. The Mid-heaven is directed by Right Ascension and the Ascendant by Oblique Ascension. Thus, if the Mid-heaven is in R.A. $90^\circ 20'$ and a planet in the 11th House is in R.A. $65^\circ 40'$, the latter will come to the Mid-heaven in $35^\circ 20'$ of Right Ascension and this will be the Arc of Direction. But if a planet were on the cusp of the 2nd House it would be 30° of Oblique Ascension from the Ascendant, and in order to find the Arc of Direction we must consider how many degrees of Right Ascension pass over the meridian in order to bring that planet to the horizon.

Ascensional Difference. – This is the difference between the Right Ascension of any body and its Oblique Ascension. To find this add the log. tangent of the declination of the planet to the log. tangent of the latitude of the place of birth and the sum will be the log. sine of the Ascensional Difference. This being added to the planet's Right Ascension when in South declination or subtracted when in North declination will give the Oblique Ascension of the planet. The reverse of this will give its Oblique Descension.

Aspects. – The aspects are framed upon the laws governing crystallization and are the square of 90° and the trine of 120 with their parts, the semi-square of 45 , the sextile of 60 , and the sesquare of 135° , together with the opposition of 180 . The evil aspects are 45 , 90 , 135 and 180 . The benefic aspects are 60 and 120 . The conjunction and parallel are considered as positions and not as aspects. All aspects may be either Dexter or Sinister. Dexter aspects are those thrown from preceding signs, and sinister those which are thrown from

succeedant signs. Thus the Sun being in Aries 20 has the sinister sextile of a planet in Gemini 20 and the dexter sextile of one in Aquarius 20.

Barren Signs. – Those that are said to deny the capacity to conceive in a woman or indicate sterility in man when placed upon the cusp of the 5th House. These signs are Aries, Gemini, Leo and Virgo. If there are no malefic planets in these signs then the liability is not so marked but if Pluto, Saturn or the Moon's South Node should be in one of these signs and in the 5th House then the liability is intensified.

Benefics. – The planets Jupiter and Venus.

Besieged. – A Significator between two benefics or two malefics is said to be besieged by them. When the malefic planets are involved in this configuration the significance is very evil.

Bicorporeal Signs. – These are the double-bodied signs: Gemini, Sagittarius, and Pisces.

Biquintile. – An aspect invented by Kepler, the quintile being 72° or one-fifth of the circle and the biquintile 144° or two-fifths of the circle. It is considered to be benefic in nature but incomparable with either the sextile or the trine.

Bestial Signs. – Those that have the form of animals, e.g. Aries, Taurus, Leo, the first half of Sagittarius, and Capricorn. Gemini, Virgo, Libra, the last half of Sagittarius, Aquarius are called 'human' signs because they have human figures in their structure. Cancer, Scorpio and Pisces are called 'reptilian' for similar reasons.

Cadent. – Lit. 'falling' (Lat. *Cado*, I fall). Planets and signs occupying the 12th, 9th, 6th and 3rd Houses are called 'cadent' because they have fallen away from the angle. There is an analogy between (1) Cardinal signs and angles; (2) Fixed signs and succeedant Houses; (3) Flexed or 'Common' signs and cadent Houses. Planets in cadent Houses contribute great versatility but little definition of character. When flexed

signs are also involved the combination produces a colourless nonentity or a servile opportunist.

Caput Draconis. – (Lat.). The Dragon's Head or Moon's ascending Node, the point in the zodiac where its orbit crosses the Ecliptic. The opposite point is Cauda Draconis or the Dragon's Tail. The former is held to be auspicious and the latter malefic, a traditional belief among the ancients of India and China, and confirmed by modern experience. It is suggested that the Nodes of the other celestial bodies may have similar significance in terms of the planet involved. The Nodes at date A.D. 1800 were Mercury – Taurus 15.57 , Venus – Gemini 14.52 , Mars – Taurus 18.1 , Jupiter – Cancer 8.24 , Saturn – Cancer 21.57 , Uranus – Gemini 12.51 , Neptune – Leo 9.35 , the descending Nodes being opposite to these.

Children. – Judgment is made in respect to progeny from the affections of the 10th, 5th, 11th and 4th Houses; and the planets occupying them, together with their aspects, are held to have chief significance in regard to the number and condition of the children. Benefic planets such as Jupiter, Venus, and a well-aspected Sun, Moon or Mercury, indicate progeny. Malefics, however, show various conditions adverse to procreation and rearing of children. Thus Saturn denies progeny or so severely afflicts them when born as to render them a source of disappointment and trouble. Uranus tends to abortions and miscarriages. Neptune to progeny born out of wedlock and sometimes to the need for adopting children. Mars renders progeny liable to fevers and accidents. The sex of children is to be judged from the sex of the horoscope. For if the horoscope be that of a female then the 5th House is female and the 4th is male, and if the horoscope be male the 5th House is male and the 4th female, and the affections of these Houses severally will show which gives the greater promise of fruitfulness and hence the predominating

sex, while the Houses opposed to them will show what detriment there may be, if any, through the partner in marriage indicated by the 7th House. For the 10th and 11th Houses will be his or her 4th and 5th counting from the 7th. When the rulers of the 4th and 5th are in good aspect to the Ascendant the children and parents will agree and there will be domestic harmony. Pluto in the 5th House irrespective of its sign position and more especially if it is badly aspected signifies an arising of conditions such as abortion in an attempt to stop an undesired pregnancy. It can also show children as a result of rape or forced seduction. Attempts to conceal the birth of an unwanted child or to cause the death of such a child, as well as the attempted or actual disposal of the body of a child so killed would very well be signified by this position of Pluto.

Chronocrator. – Lit. Ruler of Time. Various methods of the division of life into periods of time under the successive rule of Chronocrators, have been invented. Probably the best known is that which gives to man a span of 'three score years and ten' by allocating the first 7 years to the Moon, the next 8 to Mercury, then 9 to Venus, 10 to the Sun, 11 to Mars, 12 to Jupiter and the last 13 to Saturn. Should the life exceed these limits, Uranus takes the next 14, Neptune the following 15 years and Pluto the next 16 years. On these lines we have as Chronocrators:

Moon	from	0	to	7	years
Mercury	„	7	„	15	„
Venus	„	15	„	24	„
Sun	„	24	„	34	„
Mars	„	34	„	45	„
Jupiter	„	45	„	57	„
Saturn	„	57	„	70	„
Uranus	„	70	„	84	„
Neptune	„	84	„	99	„
Pluto	„	99	„	115	„

The first seven of these correspond with the 'Seven Ages of Man' as recited in Shakespeare, in the play *As You Like It*.

From the condition and aspects of the various Chronocrators the general fortunes experienced during the periods under their rule may be known. Thus the Moon afflicted at birth shows infantile sickness and changes in the family affairs that are adverse to the interests of the subject. Mercury afflicted shows imperfect educational conditions or breaks in the education. Venus afflicted shows that there will be crosses in love, etc., according to the afflicting planet, and so of the rest. Mars afflicted will bring friction and dissension in connection with those affairs of life ruled by the House in which Mars happens to be placed, whilst should it be in the 3rd or 9th House, the liability to accident whilst travelling will be intensified. Jupiter afflicted brings disappointments and misfortunes, sometimes through taking things too much for granted, and there will be troubles of a legal and religious nature. Saturn afflicted stresses delaying and obstructing conditions, brings privations, restrictions and, if afflicted by the luminaries, added susceptibility to ill-health. Uranus afflicted shows sudden losses and a disturbing of friendly, affectional, marital and partnership interests. Neptune afflicted increases the liability towards intrigue and deception whilst Pluto afflicted shows a receding of affairs just when accomplishment seems imminent.

Circle. – The circle of the zodiac contains twelve signs of 30° each, or 360°. The Equatorial Circle is divided into twenty-four hours of 15° each. The circle of Latitude is parallel to the Equator and has the same divisions.

Circle of Position. – This is the same as the hour-angle and is defined by a circle passing through the intersection of the meridian and horizon and through any star or planet. Thus a planet in the middle of the 10th or 9th House will have a circle of position equal to 15°. In terms of the semi-arc of a planet this position will be as 90 is to the semi-arc.

Climacteric. – Every 7th and 9th year of life is called a Climacteric because the Moon then repeats its squares and trines every 7th and 9th year successively. The 7th, 14th, 21st, 28th, etc., years are accounted unfortunate, while the 9th, 18th, 27th, etc., are fortunate. The 49th year is a Double Climacteric and the 63rd being the year in which both good and evil elements are brought into conflict is called the Grand Climacteric. If the Moon at birth is well aspected and the current directions are good, the person continues in life, but otherwise life comes to an end, or a crisis is formed which leads to dissolution.

Climate. – A term used by Ptolemy to indicate the latitude of a place. He employs twenty-four climates in the Northern and twenty-four in the Southern hemisphere of the globe, and determines the hours of daylight due to each according to the season. But this loose method is superseded by exact mathematical calculations defining diurnal and nocturnal semi-arcs.

Colours. – The following are ascribed to the planets: Saturn, indigo; Jupiter, violet; Mars, red; Sun, orange; Mercury, blue; Venus, yellow; and the Moon, green. Uranus gives checks and mixed colours, plaids, etc.; Neptune a smoke blue or grey and lavender. Pluto, a smoky cloud or vaporous colour formation susceptible to sudden change of colour according to circumstance.

Conception. – One of the preliminary stages of generation. Obstetric science recognizes the following well-defined stages; coitus, impregnation, conception, quickening and birth. From conception the order appears to follow the order of the planets, thus: Under Saturn the physical plasm is formed, under Jupiter it becomes enveloped by the amnion, under Mars limbal growth takes place, under the Sun quickening occurs, under Venus sex distinction is effected, under Mercury brain development and specialization of the nervous filaments take place, under the Moon precocious

birth may take place but normally the foetus assumes a lateral position, under Saturn abortive births take place, under Jupiter normal birth is effected. Thus the psychophysical processes of development are seen to be in close agreement with the nine planetary periods, and the man (Adam) is appropriately issued into the world under the signature of Mars. The Prenatal Epoch is intimately connected with the preliminary stages of generation but not identical in point of time with any of them, being an astronomical epoch measured from the time of birth, and controlled by the primary consideration of sex. The planets Uranus, Neptune and Pluto are not associated with the actual formation of the body, as are the other planets, but they do signify interference with normal development particular should any afflictions to these planets occur in the mother's map during the period from conception to birth. This interference can occur through some sudden shock which would be attributable to Uranus, to trouble to the flow of blood from the mother to the unborn child, attributable to Neptune, or through attempts to either get rid of the unborn child or to ease some of the pains of pregnancy by the taking of drugs, the latter causing deformity, such as with Thalidomide babies.

Configuration. – This may be either an aspect or conjunction of two or more planets.

Conjunction. – When two planets are within the distance of half the sum of their orbs they are said to be in conjunction. Old authors speak of platic and partile conjunctions, that is, wide or near.

Converse. – Applied to the motion of the heavens or the bodies in the heavens, by direction. Thus a body in the 1st House at birth will rise and pass into the 12th, then into the 11th and will culminate in the 10th by direct motion in the heavens. But by converse motion it is made to proceed from the 1st into the 2nd House and so on. Much confusion has

been made by authors through the misuse of the term. It should follow one fixed order, and as both the Houses and the Signs follow the same order all motions to be indicated by the order of the Houses and the Signs should be called 'direct', while those against the order of the Houses or Signs should be called 'converse'. But this is only for the purpose of classification. Thus the Sun being in Aries and Mars in Taurus, the Sun is carried to Mars by 'direct' motion, and Mars is brought to the place of the Sun by 'converse' motion.

Cosignificator. - The name given to any body which has some share in the determination of a matter under consideration, as for instance Venus is Cosignificator with the Moon in the determination of marriage in the case of a male, and Mars is Cosignificator with the Sun in the same matter in the case of a female. The term is also applied to the signs of the zodiac, as Aries which is the Cosignificator with the Ascendant, Taurus with the sign on the 2nd House, and so on, the Houses being identified with the Signs in their natural order irrespective of their positions in the horoscope at any time.

Cosmical. - When a star or planet rises with the Sun. The opposite to Achronycal.

Crepuscle. - Twilight. Some authors have employed 'crepuscline arcs' for the measurement of these fine degrees of obliquity which occur about the rising and setting of the stars.

Critical Days. - Are those which coincide with the Moon's coming to each successive semi-square aspect of 45° from the birth or from the commencement of any illness, operation, or epoch whatsoever. The position of the Moon being thus noted at the successive crises, its aspects at the time will show whether the crisis will be favourable or not. The favourable crises occur at every sextile aspect of the Moon to its radical place, and its ephemeral aspects at

the time of reaching these points will determine whether the expected favourable crisis will eventuate or not.

Culmination. - A celestial body culminates when it reaches the upper meridian. The same as 'Southing'.

Cusp. - Edge or verge of a House, formed by the equal division of the Prime Vertical into twelve parts or Houses. The cusp of the 1st House is the Ascendant, the cusp of the 4th House is the Imum Coeli or Nadir, the cusp of the 10th House is the Meridian or Mid-heaven.

Cycle. - A period of time based upon the natural motions of the planets or their respective mutual conjunctions. The Cycle of the Moon is 19 years, that of the Sun is 28 years, the Eclipse Cycle 649 years. (See 'Periods'.)

Day House. - Some of the older works on Astrology distinguish between the Day and Night Houses of the planets. To each planet they allocate a Day House and also a Night House, giving the Sun and Moon respectively the rule of the Day and Night from the signs Leo and Cancer. Accordingly we should expect that Leo and the five succeeding signs were under the Day rulership of the Sun, Mercury, Venus, Mars, Jupiter and Saturn respectively, while the Moon from Cancer would govern the Night rulership of that sign and the five preceding ones, as shown below:

NIGHT							DAY					
♁	♂	♆	♃	♄	♅		♁	♂	♆	♃	♄	♅
♁	♂	♆	♃	♄	♅	♁	♂	♆	♃	♄	♅	♁

But this is not the case as regards Venus and Jupiter, for Saturn has its Day House in Aquarius, Jupiter in Sagittarius, Mars in Aries, Venus in Libra, and Mercury in Gemini, which clearly shows that all the Male signs are the Day Houses of their respective rulers and all the Female signs the Night Houses of the same, thus:

DAY						NIGHT					
♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓

Debility. - (See 'Dignities'.)

Decanate. - One-third part of a sign, or 10°. The Decanates of the signs are sometimes called the 'Faces' of the zodiac, but in fact there are seventy-two faces and not thirty-six only, this being the number of the Decans. A face or facet is 5° only and the Decan is 10° in extent. Two methods are used for designating these Decans. The European method counts the first Decan of Aries under Mars, and then proceeds by the Chaldean order with the Sun, Venus, Mercury, Moon, Saturn and Jupiter, Mars coming in again to rule the 2nd decan of Gemini, and so on round the zodiac, ending with Mars. The Oriental system arranges the rulers of the Decans by the Triplicities, Aries being governed by the rulers of Aries, Leo and Sagittarius, Taurus by the rulers of Taurus, Virgo and Capricorn; Gemini by the rulers of Gemini, Libra and Aquarius, and Cancer by the rulers of Cancer, Scorpio and Pisces. The sign Leo then begins the second series and is governed by the rulers of Leo, Sagittarius and Aries, and so on through the entire zodiac. Each system has its advocates. Readers of my *Manual of Astrology* will see that I adhere to the Chaldean method.

Decile. - An aspect which is half the quintile and one quarter of the biquintile. A Keplerian aspect of 36°. Of minor, if any, importance.

Declination. - The distance in degrees of a right circle from the Equator, whether North or South. Aries 0 and Libra 0 being on the Equator, have no declination but all other parts of the Ecliptic have. A planet in longitude Aries 0 or Libra 0 may however have declination, according to the amount of their latitude (which see). To find the declination of a star or planet whose longitude and latitude are given.

1. As Radius (10,000) is to Tangent of Ecliptic (23° 27')
So is sine of longitudinal distance from equinox
To tangent of Angle A.
2. As cosine of Angle A
Is to cosine (latitude plus/minus 90° - minus Angle A)
So is cosine of Ecliptic Obliquity (23° 27')
To sine of the DECLINATION.

Note. - In the second equation the latitude is taken from 90° if the latitude and longitude are of different denomination, but when of the same denomination they are added, and from the sum the Angle A must be taken.

Decreasing in Light. - Approaching the Sun in the order of the signs. But Mercury and Venus may be decreasing against the order of the signs, as when they are reached their greatest elongation East or West, as they then approach the Sun. The Moon decreases from the Full to the New.

Decumbiture. - The time when a person is overcome by sickness and takes to bed. Of importance in timing climacterics (which see) and crises.

Deferent. - Lit. Carrying from. Used by Ptolemy to designate an imaginary sphere in which the planet is said to be carried from one place in the heavens to another. A deferent is used in all cases where the natural motion of the body is not involved in the calculation.

Degree. - The 360th part of a circle. Most anciently used in connection with the sixty-year cycle and the planetary cycle of 6 × 6 or thirty-six years.

Various degrees of the zodiac were anciently accredited with definite characteristics, such as masculine, feminine, light, dark, obscure, void, pitted, deficient, increasing, etc. That the degrees of the zodiac have specific natures seems to be conceded by all astrologers, and has the warrant of analogy and perhaps of experience. Thus it is extremely difficult otherwise to account for differences of form and character in persons born almost at the same time, but by the ascension

of succeeding degrees of the zodiac such differences might well be indicated. The study of this area of astrological research is of immense importance to the subject. (See 'Degrees of the Zodiac Symbolized' and 'La Volasfera', in which the natures of the degrees are given.)

Depression. – Distance of a star from the horizon under the earth. Its horizontal distance north.

Descendant. – The Western angle, or cusp of the 7th House. Of significance in contracts, buying and selling, marriage, and competition.

Detriment. – The Detriment of a planet is in the sign that is opposite to its own, as Mars ruling Aries has its Detriment in Libra, Saturn ruling Capricorn has its Detriment in Cancer. An indication of loss and difficulty.

Dexter. – Right hand. Dexter aspects are those that are formed from preceding signs. (See 'Aspects'.)

Dichotome. – Cut in half. A term applied to the Moon when in the first and third quarters, because then her disc appears half luminous and half dark.

Dignities. – These are of two kinds, namely, Essential and Accidental. The essential dignity of a planet is called its 'exaltation' and is found in dexter or sinister trine or sextile of its own sign. This holds good with the exception of Pluto which has its exaltation in the sign Scorpio. Thus, if we accept this ruling we shall have the following uniform arrangement:

Moon	ruling	Cancer	has exalt'n in	Taurus	dexter sextile
Sun	"	Leo	"	Aries	" trine
Mercury	"	Gemini	"	Aquarius	" trine
Venus	"	Taurus	"	Pisces	" sextile
Mars	"	Scorpio	"	Virgo	sinister sextile
Jupiter	"	Pisces	"	Cancer	dexter trine
Saturn	"	Capricorn	"	Scorpio	" sextile

Others place the exaltation of Mars in Capricorn, and others also make Pisces the sign of Neptune and give Capricorn to it for exaltation. It may be that many of these ascriptions are fanciful and arise from a desire for some accord with the 'pre-established harmony' of things in Nature. There can be little doubt however that certain of the signs are congenial to the natures of the various planets. Thus watery signs agree with what we know of the nature of the Moon and Neptune; fiery signs with the Sun and Mars; aerial signs with Mercury and Venus; earthly signs with Saturn and Jupiter. But even in this distinction some discrimination must be made, for all the signs in each of the trigons are not of the same nature though partaking of the same general constitution.

The opposite to the 'exaltation' sign is called the 'fall'. But here again there is the same lack of uniformity and rule that was found to exist in regard to the exaltations. The ancients give the fall of Saturn in Aries, because it is at its highest in Aquarius, the dexter trine of which is Libra, and the opposite to this is Aries. Jupiter, ruling Pisces, had its exaltation in sinister trine in Cancer, and the opposite to this is Capricorn where its 'fall' is said to take place. Mars, having its exaltation in Capricorn (sinister sextile to Scorpio), has its fall in Taurus. Venus, having its exaltation in Pisces (dexter sextile to Taurus), has its fall in Virgo. It will thus be seen that while there is much to sanction the old arrangement, there is lack of uniformity, and probably these distinctions were made to account for differences of fortune and faculty without due consideration of other determining factors.

The second 'dignity' of a planet called 'accidental' is that due to position in the heavens at any time. Thus a planet in an angle has an accidental dignity, which it loses in passing to a cadent or 'falling' House such as the 3rd, 6th, 9th, or 12th. Also a planet in Elevation above all others has a strength and significance in the character and life which can hardly be over-estimated. Thus a number of planets rising

between the Nadir and Mid-heaven and terminating in Saturn nearest the Mid-heaven, will confer an ambitious and progressive character, ability to rise in life and to take responsibility, but whatever the projects and ambitions, they end in failure when at their climax. Similarly, planets setting in a horoscope and ending in a malefic nearest the angle point to a decadent fortune. The angular position of benefic planets, Jupiter, Venus, and the Moon, Sun, or Mercury when well aspected, is the highest indication of a successful career. Accidental dignities have more influence in the determination of individual fortune than any number of essential dignities, which for days together may be practically the same, as any ephemeris will show. The dispositor of the Moon or the ruler of the Ascendant being elevated, shows distinction. Planets in cardinal signs and angles are always associated with pioneer spirits.

Direct. – A planet moving in the order of the signs from Aries to Taurus, etc., is 'direct' in motion. Against the order it is 'retrograde'.

Directions. – These are of two kinds – Primary and Secondary. Various systems of Primary Directions are to be found in the astrological books. Their one object is the determining of the times of events. Ptolemy taught a system of measurement of arcs of direction which is based upon the rotation of the earth on its axis, or the apparent motion of the heavens about the earth thereby produced, the body of one planet in the horoscope being brought to that of another or to its place in the horoscope by proportion of its ascensional or descensional times (measured by its semi-arc). Thus he says that a planet coming to the Mid-heaven will progress by degrees of right ascension, while one below the ascendant will come towards the Ascendant by degrees of oblique ascension due to the latitude of the place of birth. Also he says that the direction is to be made by the 'horary times' due to its position in the horoscope. By this he means

that a planet must be directed under the pole (elevation) due to its proportional distance from the meridian. Thus a planet on the Mid-heaven has no pole, but one on the Ascendant has the same pole as the Ascendant, i.e. the latitude of the birthplace; and all others between these two points (the Mid-heaven and Ascendant), whether above or below the horizon, have a pole that is proportionate to their distance therefrom.

But whereas Ptolemy confined his directions to the bodies and aspects of the planets in the zodiac, Placidus de Titus added also the mundane conjunctions and aspects, a planet on the cusp of the 3rd and 11th being in mundane sextile to the horizon, while one on the cusp of the 2nd or 6th was mundane trine to the Mid-heaven, and so of the rest. In this system, one-third of the semi-arc of a planet was equal to the space of one House. In both these systems the motions of the planets are due to the motion of the earth on its axis after birth, and the radical positions of the planets are held to determine the nature of the event, taken in connection with the planet to which direction is made. The Significators, namely, the Sun, Moon, Mid-heaven and Ascendant, to which others have added the Part of Fortune, were thus directed to the mundane and zodiacal positions and aspects of the planets at birth, and the measure of time was roughly one degree for every year of life. The necessity of getting the exact time of birth to within a minute is of course involved in such calculations and easier methods have been resorted to in consequence of this factor.

The most general method is that of directing the Mid-heaven, Ascendant, and the Sun by their natural progress in the heavens after birth, accounting one day as a year of life. Thus the Mid-heaven progresses at an average rate of from 59' to 60' per day, and the Sun likewise. The planets however move at varying rates and so form aspects to the radical positions of the Significators, while the latter form aspects to the radical places of the planets. A forecast of the trend of

events is thus made from the position (radical or progressed) of the various Promittors, as distinguished from the Significators. A more definite system which maintains the radical relations of the planets will be found in later works.

Secondary Directions are chiefly used to define the periods of events as within the limits of Primary indications, and rest entirely on the progress of the Moon in the zodiac after birth. By this progress the Moon forms aspects to the radical and progressed places of the planets as well as to the places of the Significators, and these are interpreted, in terms of the prevailing Primary indications, according to the places in which the aspects fall both by Sign and House.

Almost all Primary Directions can be worked to within 15' of space or 3 months of time by means of Tables of Houses, provided we know the Poles of the various planets, i.e. their degree of elevation in the horoscope in proportion to the latitude of the place. (*See 'Pole'.*) The distance of one planet from the aspect or body of another is called the 'Arc of Direction', and is measured in Sidereal Time or Right Ascension, according as we are working by Tables of Ascension or by Spherical Trigonometry.

Diseases. -- The planets are variously said to produce or to signify certain maladies or blemishes to which a person may be disposed. Thus Saturn produces morbid diseases due to inhibited function of that part of the body governed by the sign it is in at birth or temporarily by direction. It indicates a paucity of vital activity and due circulation of the vital forces through that part of the system. Jupiter denotes maladies arising from surfeit and congestion and indicates a superfluity of functional activity in the parts under the control of the sign it occupies. Mars denotes rapid fevers and high blood pressure, sharp pains, and haemorrhage, whether internal or external. Venus shows diseases arising from blood impurities, poisoning of the system, etc., giving rise to pustular disease, such as smallpox or measles, with sloughing

sores and danger of contagion. It appears to influence the condition of the vascular tissue and mucous membrane. Mercury gives nervous diseases such as arise from excitement or debility, and chiefly due to stress, overwork and worry. When Mercury is afflicted by Saturn it tends to brain fag and depression, but when Mars is the afflicting planet it disposes to neurotic excitement and violent brain storms, while Uranus affects the nervous system by corrosion, and shows danger of lesion and paralysis, and Neptune afflicting Mercury disposes to neurasthenia and nervous depletion. The Moon disposes to diseases of the lymphatic system and glandular processes. The Sun denotes fevers and combustion of tissue. Uranus gives ruptures, fracture and lesions. Neptune shows depletion and wasting diseases. Pluto shows a liability to diseases caused by invisible rays and radiation, such as associated with nuclear processes, atomic interests and space research, as well as those caused by certain industrial processes.

Diseases being either incidental or accidental, and either chronic or acute, it should be observed that radical indications point to chronic troubles, especially when the afflicting planets are in the occidental quarters of the heavens, i.e. between the Nadir and Ascendant or the opposite quadrant, while in the oriental quadrant they point rather to accidents. But illness indicated by directions point to functional disorders or accidents according to the quarter in which they are formed. The sun is the chief index or organic constitution, and the moon of functional integrity. Any aspects to these Significators have a determining influence in regard to liability or otherwise to organic or functional disorders. Mars denotes acute diseases and Saturn chronic ones. Cardinal signs being held by the malefics or afflicting planets, the head, kidneys, stomach and skin are the parts most liable to affections. Fixed signs point to the heart, throat, blood and excretory system. Flexed or common signs to the lungs, bowels, and nervous system. The early degrees of a sign show

the upper part of an organ, the latter degrees to the lower part. The even Houses indicate the right side of the body and the odd Houses show the left side (in a male horoscope), but the reverse of this when the horoscope is that of a female. Thus all imperfections, whether constitutional or functional can be definitely located, and if radically indicated have a tendency to become chronic, while if indicated by direction will be functional and temporary unless disregarded and allowed to progress to morbid conditions. Acute diseases under Mars are inflammatory, chronic diseases under Saturn are morbid.

Dissociate Signs. – Those that are one or five signs apart, as Aries and Taurus, Aries and Pisces, which are one sign apart, or Aries and Virgo, Aries and Scorpio, which are five signs apart.

Disposition. – A planet disposes of another when it holds that planet's sign. Thus Saturn in Cancer is disposed of by the Moon, and the Moon is then said to be Saturn's dispositor. Of great importance in the consideration of astrological questions.

Distance. – This may be measured in the heavens by units of one degree, either in Right Ascension or in Oblique Ascension, and along various planes, e.g. the Ecliptic, the Equator, the Prime Vertical, etc. In computing distances the full circle of 360° is to be added when subtraction cannot be made.

Diurnal. – That is, by day. Planets are diurnal when above the horizon, when they are said to be more active than passive. The Diurnal arc of a planet is the time it remains above the earth measured in degrees of Right Ascension or Sidereal Time. The opposition arc is the Nocturnal arc. The controlling factor is the declination of the body, or distance from the Equator, for the greater the declination the higher in the heavens will the body ascend, and the longer it will remain above the horizon.

Diurnal Houses. – Every planet has a day and a night House or Sign. (See 'Day House'.)

Dog Star. – Sirius, a star of the first magnitude in R.A. 6h. 42m., corresponding with the 10th degree of Cancer. The Sun's conjunction with the star in July gives rise to the term 'dog days'. Procyon (the little dog) is in R.A. 7h. 35m., corresponding with Cancer 22° . Sirius means a 'lord', and the star when rising is said to confer great dignities upon the subject, according to the station of birth. Procyon (instead of the Dog) is said to give a great love of the canine species. Sirius is in the constellation of Canis Major and Procyon in Canis Minor.

Domal Dignity. – When a planet is in its own sign.

Double-bodied. – The signs, Gemini, Sagittarius and Pisces are the double-bodied signs.

Dragon's Head. – The Moon's ascending Node. This symbol is connected with the ancient Chinese Scheme of Eclipses. The ascending Node of the Moon being located, the Dragon or Serpent for a certain number of coils represented the course of the Moon, its Tail (the descending Node) indicating the point of the zodiac immediately opposite to the head. (See 'Caput Draconis'.) The Head is said to be fortunate and the Tail unfortunate. The motion of the Node is $3'$ per day. I am not in accord with those writers who affirm that these points can have no astrological significance, for on the same lines and by the same argument we can dispose at once with the Mid-heaven and Ascendant, the two most sensitive points of a horoscope. On the theory that the planets have an influence of a causative nature, the Nodes can have none at all, and to this proposition I must agree. But I am not disposed to grant anything but a dynamic and cosmical influence to the planets, on the grounds of the physical solidarity of the solar system. They cannot, however, *cause* accidents or *create* character, and we are under no logical

necessity of allowing that they can produce good or bad fortune. But they can *indicate* all these, and thus serve as a guide to all human forethought and endeavour. In the same way the Nodes may have a symbolical value and may indicate a certain tendency of the course of events. When we consider the various attributes ascribed to the various signs of the zodiac and to the Houses of the heavens, it is no other than a part of our scheme of Cosmic Symbolism to include any fact in nature as a symbol and thus as significant in some way or other.

Dumb Signs. – Otherwise called MUTE. These are the signs Cancer, Scorpio and Pisces, the reptilian signs, because the creatures to which they are related make no audible sound. The inarticulate signs are Aries, Taurus, Leo, Capricorn, as distinguished from the articulate or human signs, Gemini, Virgo, Libra, Sagittarius, and Aquarius. The fact that man and the lower orders of life have some characteristics in common may have struck the ancients and disposed them to select these symbols and apply them to the expression of human faculty and character.

Dysis. – The western angle or point of setting.

Eagle. – Aquilla, a constellation of small extent influencing the sign Capricorn, extending from about eighteen and a half to twenty hours of Right Ascension. The bright star in this constellation is known as Attair and is situate in Capricorn 29. It is presumed to be of the nature of Mercury and Saturn conjoined and to indicate disgrace and misfortune.

Earthy Signs. – Taurus, Virgo, Capricorn, forming earthy triplicity or trigon.

Eccentric. – An eccentric orbit is one that is formed upon a centre which is revolving about another centre. Ptolemy used it to describe the orbits of the planets about the Sun as seen from the Earth as the centre of the system, the resulting orbit being eccentric in regard to the Earth. The eccentricity

of a planet's orbit is defined astronomically by the ratio of the major to the minor axis of the orbit, that is to say, its variation from a true circle. Venus has the least eccentricity and Mercury the greatest in the solar system.

Ecliptic. – The Sun's apparent orbit or path around the Earth. Its inclination to the plane of the Equator is $23^{\circ} 27'$ which decreases at the rate of $50''$ per century. A comparison of the obliquity of the ecliptic as recorded by Hipparchus, Ptolemy, Placidus and others, with the observations of modern astronomers, shows that this decrease has been going on for over two thousand years and there is no reason for assuming that it will not continue. From discoveries made by various explorers in both the Arctic and Antarctic regions it would appear that the presence in the polar regions of tropical flora and fauna, prove that at one time the poles of the Earth were in the plane of its orbit and that the equatorial region of today was then a great ice-belt. A condition somewhat similar is seen in the case of Mars and Uranus.

Eclipses. – Eclipses are of two kinds, namely, those of the Sun which must happen when a New Moon falls within $12^{\circ} 24'$ of the Moon's Nodes, and those of the Moon which must happen when there is a Full Moon within $18^{\circ} 36'$ of the Nodes. In the case of the Sun the body of the Moon is intercepted between the Sun and Earth. In that of the Moon it is the shadow of the Earth that is thrown into space in the form of a cone, through which cone, at a greater or less distance from the Earth, the Moon passes in its apparent orbit about the Earth.

The magnitude of an eclipse will depend on two factors: (1) The relative distances of the luminaries from the Earth at the Syzygies (new and full moon); and (2) their distance from the Nodes, or points where the orbits of the Sun and Moon intersect one another. The duration of eclipses will depend on the relative motions of the bodies. Stars and planets are frequently obscured by the Moon in the course of its

variable orbit, and these are in the nature of eclipses but are called 'occultations' by way of distinction. The effects of eclipses are judged from a horoscope set for the time of central conjunction in the case of the New Moon and direct opposition in that of the Full Moon. The sign occupied by the eclipsed luminary and the House in which it falls have the greatest degree of significance in this matter. As regards individuals, eclipses have not a great significance unless falling on the places, radical or directional, of the Significators, i.e. the Sun, Moon, Mid-heaven and Ascendant, when they have the greatest significance of disaster, tribulation, sickness and even death, but the latter more especially when the said Significator has vital prerogatives and is badly afflicted radically or by direction. Eclipses of the Moon threaten more especially the female side of the family and those of the Sun the male. Falling on the Moon they denote hurt to the mother, on the Sun to the father, on Jupiter to uncles, on Mars to brothers, on Venus to sisters, and on Mercury to aunts.

Elections. – Times chosen by astrologers for the initiation of any work or enterprise of importance, the beginning of journeys, launching of vessels, opening up of new business houses, signing of contracts and agreements, getting married, etc.

In making these elections it is considered important that the Moon should be increasing in light and above the horizon, and more especially going to the good aspect of a planet suitably placed by Sign and House. As, if the election is for obtaining a situation or position, the said planet must be in the 10th House; if for money gain, in the 2nd; for preferment in a love suit, in the 5th; for contracts in the 7th; and so forth. In all such elections the first move towards the end in view must be made at the elected time, either by letter or in person, but preferably the latter if the ruler of the Ascendant is in good aspect to the Moon, and also to the planet con-

trolling the matter, but a letter or message is to be preferred when the ruler of the 3rd House, or a planet therein, holds better accord with the said indicators than does the ruler of the Ascendant of a planet therein. In this matter also practitioners make use of refraction, which happens when the Moon is passing from the good aspect or conjunction of the planet of election to that of the ruler of the Ascendant. In lotteries and speculations it is important to have the ruler of the Ascendant or the Moon going to the conjunction with the Part of Fortune (Fortuna) as then a successful choice is made, but in all cases Fortuna must be free from affliction and preferably in the 1st, 2nd or 5th House.

Elevated. – One of the accidental dignities of a planet in a horoscope. A planet that is in elevation above the rest of the bodies will dominate them. Thus if the planet Saturn is in the 10th House and afflicting the Moon it is of greater evil significance than if the Moon were elevated above Saturn. The most elevated planet in the oriental hemisphere generally indicates the final result of a person's efforts and aspirations towards position and attainment in the world, while the lowermost planet in the occidental hemisphere indicates the condition to which eventually he comes after the relaxation of his efforts.

Elevation (Polar). – The Elevation of the Pole signifies the latitude of the place or country north or south. Proceeding from the Equator northwards the North Pole will appear to come up towards the zenith. At London the elevation of the Pole will appear to be $51^{\circ} 30'$ which is the latitude of the city. The Poles of the Houses increase as they recede from the Mid-heaven of Nadir. The Mid-heaven and Nadir have no polar elevation, and the Ascendant and Descendant have the polar elevation due to the latitude of the place of observation. Hence the cusps of the intermediate Houses between the Mid-heaven and Ascendant, and between the Nadir and Ascendant, have polar elevation proportional to the positions

at which they cut the Prime Vertical or Circle of Observation, which is that circle in which a person stands upright when facing due south. The Poles of the 11th, 3rd, 5th, 9th Houses are the same, because they are the same distance from the meridian. Those of the 12th, 2nd, 6th and 8th are the same as one another, and for the same reason.

To find the Pole of any planet in the horoscope the following rules are given: Take the difference of the Poles of the two cusps between which the planet is found. Find also the planet's cuspal distance, and also one-third of its semi-arc. Then say: As one-third of the semi-arc is to the difference of elevation of the two cusps, so is the planet's cuspal distance to its proportional polar distance.

To find the cuspal distance of a planet we must take its Oblique Ascension or Descension under the pole of that cusp, and the difference between this and the Oblique Ascension of the cusp will be the true cuspal distance.

Note that the Oblique Ascension of the cusp is found by merely adding 30° to the Right Ascension of the Mid-heaven for every successive House eastward, and the Oblique Descension is similarly obtained by subtracting 30° for every House westward from the Mid-heaven.

Elongation. – The distance of a planet from the Sun, whether East or West of it, which is found by taking their respective longitudes and subtracting the lesser from the greater. The inferior planets Mercury and Venus cannot have greater elongation than 28° and 48° respectively, and on attaining this elongation they appear retrograde when their elongation has been East of the Sun, and direct when it has been West. Some authors have spoken of the effects of squares and even trines of these planets to the Sun, but in such cases they must be referring to the aspects formed by direction to the radical place of a luminary already at birth at considerable if not extreme elongation. Thus if the elongation of Venus were, say 40° , in another 20° it would

form the sextile of the Sun, and in 80° would form the trine aspect. It is therefore permissible to speak of the minor planets in these terms, but it should be noted that the elongation of these planets can never be more than the distances referred to so far as the radical positions are concerned.

Embolismic. – Intercalary. An embolismic month is employed in some calendars to bring them into line with the Sun. Thus the Hebrews have a year of 12 months or Moons. But as each lunation is only about 29 days, 12 hours, there are 11 days left over, and when these amount to 30 they add an embolismic month to the calendar, and the month of Adar (February–March) is followed by Ve-adar. This brings the calendar again into a rough conformity with the Sun. The return of the Moon to its own place at birth is used as a measure of time in progressions, but this is not the same as an Embolism which requires that every return of the Moon to the same distance from the Sun as it held at birth (that is to say, to the selfsame phase as at birth) denotes one year of the life. Figures are set for these progressions and a judgment is drawn from them in regard to the ensuing year of life.

Emersion. – The opposite to immersion. A term applied to the Sun or Moon when coming out of eclipse, or a star when coming out of occultation by the Moon.

Enemies. – All bad aspects to the Significators at birth or by direction may be regarded as depicting in some degree the qualities, position, occupation, etc., of enemies, though many evils are suffered at the hand of well-meaning people. The greatest source of enmity is found in the radical disposition of the respective horoscopes of individuals, for when the Ascendants are in opposition, or the malefics in one upon the Mid-heaven, Ascendant, Sun or Moon of the other, or the luminaries in adverse aspect, i.e. the Sun in one in square of opposition to the Moon in the other and vice versa, then there will be enmity between such persons. The active agent

is represented by him whose Saturn or other evil planet may be on the place of the Sun in the other's horoscope. For Saturn, etc., therein denotes the evil and the subject of it is located by the birth date of him whose Sun it is. And the Moon being passive to such action of the planets, and the Mid-heaven, Ascendant likewise passive, the active agent in such case will be the person whose malefic shall afflict these points or one of them in the horoscope of the other. Therefore it is useless for persons to contemplate marriage or other near relations with one another when such affections exist as are here recited, and the less they have in common the better it will be for both.

The Czar Nicholas II had the Sun at his birth in the end of Taurus where Uranus was in the horoscope of Kaiser Wilhelm II, and the Kaiser's Moon in the end of Scorpio was likewise afflicting the Sun in the Czar's horoscope. No man has wrought greater evil in the world, nor greater evil in any part of it, than has 'the Accursed' done in Russia. The suborning of Bolshevik agents of Germany in the production of the Revolution in Russia, and the subsequent usurpation of the rights of a conqueror, when indeed the Russians were paid to lay down their arms, clearly shows how evil was done by Prussia. But none save a misgoverned and discontented people would have sacrificed their national integrity, so that the Sun in the Czar's horoscope was made the focal centre upon which all these inimical forces in the Kaiser's horoscope converged.

The planets among themselves have natural affinities and enmities by reason of their respective natures. Thus Mars is an enemy of the Moon, Saturn of the Sun, according to their debilities and exaltations (which see). Saturn is cold and magnetic, Mars is hot and electric. In conjunction they produce storms in the world and distress in men's affairs, and between individuals they produce strife of a bitter and violent kind. Mars on the place of Mercury in another's horoscope produces constant bickering and disputes, sometimes violence.

Open enmities are judged from the 7th House and planets therein which afflict the Ascendant of other Significator in the horoscope. Enmities which arise in the family are shown from the 10th and 4th Houses and afflicting planets therein. Enmities arising from love or among the offspring are judged from the 5th House. Secret enmities are judged from the 12th House, and proceed from the malice or illwill of those in service of the subject. Pluto increases the liability to malicious forms of enmity and to enmity of an unreasoning nature, Neptune signifies deceptions and frauds, Saturn denotes lasting feuds and vendettas, Uranus sudden alienations, Mars hot disputes and strife, and the Sun or Moon denote natural antipathies.

If the ruler of the horoscope disposes of the planet indicating such enmity, or if he be elevated above it in the horoscope, then the Subject will overcome his enemies and dominate them. But if it be shown that his enemies are stronger than he, he cannot hope to overcome them, but he can at least avoid them, detecting them in the first instance and before his relations with them are advanced, by the configuration of their stars in relation to his own.

The Moon and Mercury being much afflicted in a horoscope show many enemies. The same is shown if there be many planets in the 12th House and a malefic among them, or in the 7th and similarly tainted. But when benefic planets occupy these Houses there will be no cause for evil doing on the part of enemies, and none will trouble or hinder him.

Enneatical. — The ninth day of an illness, called a climax. Also the ninth year of life, or the ninth day after birth. Any ninth of a series.

Ephemeris. — An almanac showing the daily or ephemeral places of the celestial bodies at noon, with their respective latitudes, declinations, etc. First invented by astrologers for horoscopical purposes, and sustained by their

labours during the Dark Ages until officially recognized and endowed, when they became of common use to seamen, astronomers and others, of which the Nautical Almanac is a standard example. The oldest almanac in the British Museum bears the date 1431.

Epicyle. – A small orbit around a central ‘deferent’, according to the system of Ptolemy, who regarded the Earth as the centre of the system. The orbits of the other planets about the Sun thus formed epicycles. It serves to explain the phenomenon of retrogradation of the planets.

Equation of Time. – The reduction of an Arc of Direction to terms of a person’s age in years and months. Few points in Astrology have been more debated than this. The variety of opinion arises primarily from the inequality of the circles of the Equator, 360° , and of the year, 365.25 days. The mean value is 3m. 56s. 33rds per day, and the mean increment of either Right Ascension or Longitude is $59' 8''$. Some writers have advocated the equation of 1° per year or $5'$ per month. Others have advocated a method by which the Arc of Direction (which is always in Right Ascension) is added to the R.A. of the Sun at birth, and the number of days after birth at which the Sun attains this directional position are taken at the rate of one day for each year of life and 2 hrs. for every month. Thus if the Sun were at birth in Right Ascension, $1^\circ 58'$, and the Arc of Direction were $22^\circ 34'$, the directional position of the Sun would be Right Ascension $24^\circ 32'$, which is the R.A. of Aries $26^\circ 27'$. This longitude is attained by the Sun so many days and hours after the birth, as the ephemeris shows, and these days and hours are taken as years for days, and months for every two hours. Others again divide the Arc of Direction by the Sun’s mean motion per year, $59' 8''$, and the resulting dividend is converted into time at the rate of one degree for a year. Naibod’s method was to add 5 days, 8 hours to every year, which year is indicated by one degree of the arc of R.A. Thus:

1°	– 1	year,	5	days,	8	hours
2°	– 2	„	10	„	17	„
3°	– 3	„	16	„	1	„
4°	– 4	„	21	„	10	„
5°	– 5	„	26	„	18	„

My own view of the matter is that as we are finally dealing with aspects in the zodiac we should refer all Arcs of Direction to the zodiac and this can most effectively and immediately be done by using the mean increment of longitude, namely, $59' 8''$ per year. An Arc of Direction being in terms of the Equator, the result will be in the proportion of 360 to 365, by which we reduce the equatorial circle to days, which, in all prophecy, are equal to years. The underlying proposition is, of course, that all circles are equal to one another and therefore the division of the annual circle into 365 days is the same as the equatorial circle of 360 degrees. Therefore we have to account one degree of the latter as equal to $360/365$ ths of a year, and this in mean motion of the Sun is $59' 8''$, and accordingly we may apply this directly to all arcs whether in the zodiac, the Equator or any other circle.

Equator. – A circle lying midway between the poles of the earth, and dividing it into two hemispheres, North and South.

Equinox. – The points at which the Ecliptic or Sun’s path crosses the Equator. The vernal or Spring Equinox is that which marks the Sun’s entry into Aries. The autumnal Equinox is that which marks the Sun’s entry into Libra. The equinoctial signs are Aries and Libra.

Erratic Stars. – An old term applied to the planets in distinction from the Fixed Stars.

Essential Dignities. – Those dignities or strengths of the planets which are not ‘accidental’. Essential dignity is of two kinds: By Sign position and by Exaltation. Thus the Moon in Cancer (its own sign) or in Taurus (its exaltation) is dignified

in these signs. A planet in the opposite sign to its own is called in its 'debility', and when in the opposite to its exaltation it is in its 'fall'.

According to the ancients the exaltations of the planets hold some benefic aspect to their respective signs. Thus the Sun whose sign is Leo has its exaltation in Aries in trine to Leo; the Moon in Cancer is exalted in Taurus, sextile to Cancer; Mercury in Gemini is exalted in Aquarius, trine to Gemini; Venus in Taurus is exalted in Pisces, sextile to Taurus; Mars in Scorpio is exalted in Capricorn, sextile to Scorpio; Jupiter in Pisces is exalted in Cancer, trine to Pisces; Saturn in Capricorn is exalted in Scorpio, in sextile to Capricorn. This shows at least that there was a basis of harmony in the scheme, though many innovations have since been made, partly from prejudice, and partly from a desire to accommodate the newly discovered planets, Uranus, Neptune and Pluto, which in fact belong to a higher octave and are related to the new order of human unfoldment.

Face. – This is the same as a decanate or threefold division of the sign, each face being 10° in extent. The faces are the thirty-six facets of zodiacal expression, and each has its own character and attributes. In the Western system the first face of Aries is ruled by Mars, the second by the Sun, and the third by Venus; the first face of Taurus by Mercury, the second by the Moon, the third by Saturn, and so on continuously in the Chaldean order of the planets. But in the Oriental system each sign is supposed to reflect the other two signs belonging to the same triplicity, thus, Aries reflects also Leo and Sagittarius; Leo reflects Sagittarius and Aries; Sagittarius reflects Aries and Leo; and thus the planets ruling the faces of these signs would be for Aries-Mars, Sun, Jupiter; for Leo-Sun, Jupiter, Mars; for Sagittarius-Jupiter, Mars, Sun. The same principle is followed in regard to the other signs of the zodiac. Each system has its own advocates, but experience seems to suggest that the Western method is

the correct one. I have reason to suspect the beginning of the series of rulers in Aries, for according to all traditional sources of information, the epoch did not begin with the vernal equinox, and therefore the planet Mars would not be the first of the series. Perhaps the kabalists are correct in beginning with Jupiter and ending with that planet, the order being the reverse of that ordinarily in use and proceeding from the Moon to Mercury, Venus, etc., instead of to Saturn, Jupiter, etc. The subject is largely empirical and experience alone can decide in the matter.

Fall. – See 'Exaltation'.

Familiarity. – A term frequently used by Ptolemy to indicate an aspect between two bodies. Familiarity however may also be by parallel, and especially by mutual disposition, as when the Sun in Cancer and the Moon in Leo are in mutual disposition, being in one another's Houses or Signs, whereas the familiarity by aspect is very weak.

Fiery Signs. – These are Aries, Leo and Sagittarius. They constitute what is called the 'Fiery Triplicity'

Figure. – A horoscope drawn for a particular time and place is called the 'figure of the heavens', actually the configuration of the heavens.

Fixed Signs. – The signs Taurus, Leo, Scorpio and Aquarius are called fixed or 'foundation' signs, they being associated with the characteristics of fixity, permanence and solidity.

They are otherwise called 'foundation' signs and are said to have been dominant at the formulation of the Mosaic Laws. The fact, however, is that the constellations corresponding with these signs were in occupation of the equinoxes and solstices at that time. Hence arose the figures of the Cherubim, the Assyrian winged Lion, and the Egyptian Sphinx.

Planets at birth in these signs produce stability and fixity of character, and more faculty for origination than for execution. These signs are also called 'seismic' or earthquake signs.

Fixed Stars. - All stars are called 'fixed' that are not planets. It is nevertheless a fact long known to astronomers that the stars have a proper motion of their own, but owing to their great distances from us, this motion can only be measured by observations taken over long periods of time. In Astrology the fixed stars are not credited with radial influence, that is, they do not affect the planets by their aspects, but they are presumed to have a direct influence of their own which acts at conjunction. Thus a fixed star of the first magnitude being on the Ascendant at birth or on the Mid-heaven, the person then born is said to become illustrious in his sphere of life, a 'star' in social, or political, or commercial life. It has been observed that the Significators when directed to the conjunction of fixed stars appear to be affected. A series of entirely neutral observations, in which only the action of the fixed stars is employed, would probably determine whether this is so or not.

From such a series of independent observations I have observed that the two large stars, Aldebaran and Antares, which are in the 10th degree of Gemini and Sagittarius respectively, when directed to the angles of the horoscope, produce the most terrible periods of stress to which a person may be subjected in the course of his life. Similar effects doubtless could be traced to the Sun's conjunction with one of these stars by direction after birth. The stars of the 1st Magnitude are as follows:

		R.A.		Declin.		
		h.	m.	s.		
<i>a</i>	Eridanus	<i>Acharner</i>	1	34	44	S. 57° 38' 35"
<i>a</i>	Tauri	<i>Alderbaran</i>	4	31	20	N. 16° 20' 58"
<i>b</i>	Orionis	<i>Rigel</i>	5	10	42	S. 8° 17' 35"
<i>a</i>	Canis Min.	<i>Procyon</i>	7	35	7	N. 5° 25' 52"

		R.A.		Declin.		
		h.	m.	s.		
<i>a</i>	Crucis		12	22	8	S. 62° 39' 23"
<i>b</i>	Centauri		13	58	10	S. 59° 59' 16"
<i>a</i>	Bootis	<i>Arcturus</i>	14	12	7	N. 19° 35' 54"
<i>a</i>	Centauri		14	34	10	S. 60° 13' 17"
<i>a</i>	Scorpii	<i>Antares</i>	16	24	30	S. 26° 15' 21"
<i>a</i>	Lyrae	<i>Vega</i>	18	34	14	N. 38° 42' 30"
<i>a</i>	Aquilae	<i>Altair</i>	19	46	53	N. 8° 39' 22"
<i>a</i>	Canis Maj.	<i>Sirius</i>	6	41	37	N. 16° 36' 21"

The last-named is by far the most brilliant star and is said to be our nearest neighbour in the starry heavens. Various attributes are ascribed to these stars by the ancients and among the more prominently mentioned are: Aldebaran, which gives leadership and power of direction; Sirius, which gives lordship and government of rulership; Antares, which produces strife and war. In many of the more ancient books there are definite qualities ascribed to these stars in terms of the better-known planets of our system. Thus Rigel is said to be of the combined nature of Saturn and Jupiter, while Antares is of the nature of Mars and Mercury combined. It is possible that many of these ascriptions are the result of observation, and others appear to be more or less fanciful. It would be wise to keep an open mind in regard to the matter of their reputed influences and to carry out a series of independent and up-to-date observations, making use of the directions of these stars to the prominent places in the horoscope of birth. For this purpose the R.A. and declination are given in the above list, together with the astronomical catalogue name, and the name by which each star was anciently known.

The latitude of a star does not differ much in the course of years, but the longitude is increased by the rate of precession, plus or minus the proper motion of the star, the mean being 50" per year.

The following longitudes of the chief stars are given for the year 1820, and can be corrected for any date by applying

the value 50" *t* to the longitude given, plus for future years and minus past years from 1820.

Aldebaran	- Gemini	7° 16'
Antares	- Sagittarius	7° 15'
Arcturus	- Libra	21° 43'
Betelgeus	- Gemini	26° 14'
Deneb	- Virgo	19° 18'
Fomalhaut	- Pisces	1° 20'
Procyon	- Cancer	23° 20'
Regulus	- Leo	27° 20'
Rigel	- Gemini	14° 19'
Spica	- Libra	21° 20'
Sirius	- Cancer	11° 38'
Vega	- Capricornus	12° 47'
Capella	- Gemini	19° 21'

It will be remembered that Jerome Cardan, the astrologer and mathematician, who was born on the 24th September, 1501, and who was killed at Rome, 21st September, 1576, had the Moon setting in Gemini 14.39, and that Placidus by some error placed Medusa's Head in the same longitude, by which circumstance he accounted for the beheading of the unfortunate Cardan. This illustration is used to show how fanciful are some of the supposed influences of the stars. But the mistakes of Placidus may very well be turned to the benefit of future observers who take greater care in their calculations and avoid traditional statements until they are proved true.

Form of Body. - According to the verdict of our best students, the bodily form is to be judged principally from the ascending sign, secondly from the planets exactly aspecting the rising degree, and lastly, from the position of the ruler of the Ascendant. There can be no doubt whatever in the mind of the patient observer, that the twelve signs of the zodiac

confer as many distinct types upon the human form and facial contour. Modifications of each of these typical forms are due to the planets aspecting the rising degree, and each of such planets has to be considered in relation to its own nature, and that of the sign in which it is placed. A further modification arises from the position of the planet ruling the rising sign. What is called a 'family likeness' is strong in those whose planets concur with those of their parents. Thus there is a group influence observable in the horoscopes of various members of the same family, and this is traceable to the radical influence of the parental horoscopes. This is easily proved by making a chart of the planetary places in all the horoscopes of the family, so that all the planets situated in the same signs are collected together in the form of a composite horoscope. It is then seen that there is a dominant group influence exerted from one sign more than the others, and to this sign the typical form of the family belongs. This chart should include the position of the Ascendants in the various horoscopes as if a planet were in the rising degree, and this should be marked A in the composite horoscope.

Saturn in aspect to the ascending degree contributes to a strong degree of the sulphur pigment in the skin and renders the complexion dark and sombre. Mars, on the other hand, contributes iron and produces a fresh complexion and a steel-grey eye, while frequently the face becomes freckled from the action of the Sun upon the iron pigment. The Sun in aspect to the rising degree makes people of fresh complexion, with blue-grey eyes, and the hair is usually curling or wavy. Venus adds to the symmetry of the figure and facial contour and produces persons with some claim to good looks. Mercury in aspect produces smaller features and a keener expression than is usual among men, the nature being more alert and nervously apprehensive. The Moon contributes a certain fairness to the skin and a placidity of expression which, without the light of intelligence aiding, appears inane. The complexion is usually pallid or transparently fair. Jupiter

renders the visage fuller and more hearty, giving the touch of 'joviality' which is ascribed to this planet.

There is no reason to suppose that the rising sign alone contributes to the personal features, and it is perhaps more rational to presume that the whole ambient conspires to the general effect. In this connection we may consider the ruling of Locke to be apposite. He says: 'We are wrong to think that things contain those qualities which appear in them to us. Did we understand them rightly, we ought, perhaps, to look for them beyond the fixed stars. We see certain motions and operations in things about us, but know not whence the streams come that cause them; perhaps things would put on a different face, did some great star or body, incomprehensibly remote from us, alter, or cease to be.'

This statement is full of deep meaning. It affirms a belief in the solidarity of the entire scheme of material existences, both visible and invisible, and suggests that most remote causes may be responsible for effects with which we are most intimate.

As to the stature, there seems to be no special ruling that can be regarded as invariably correct, but it has been observed that the signs Taurus, Cancer, Capricorn and Pisces are predisposed to a short stature, while Gemini, Leo, Sagittarius induce to a tall stature. The other signs are of medium height. All are apparently subject largely to variation due to climate, diet, training and other external influences acting upon the person in youth. Some astrologers have sought to define the various forms by reference to the rising decanate of the several signs, and Simmonite has gone so far as to divide the signs for this purpose into facets of 5° each, making six distinct types for each sign. This, while more agreeable to the great variety of forms produced under the rising of the 12 signs, cannot be regarded as in any degree less variable than the twelve typical forms attributed to the signs themselves.

Peculiar personal marks are due to the rising of the planets

Mars and Saturn. Thus Mars seldom fails to produce a scar or mole upon the face when rising at birth. This is sometimes congenital and at other times the result of accident after birth. The poet Chaucer, who was born under the rising of Mars in Taurus, owned to the 'mark of Mars' upon his face, and a large number of cases in which Mars thus disfigures the countenance when rising have been adduced in support of this classic instance. One that is well known to readers of astrological literature is that of the Countess of Lovelace, Lord Byron's daughter, who had Mars rising in Aries at her birth, and was not only heavily marked with a nevus in the face, but also suffered from great determination of blood to the head. Similarly Saturn rising appears to produce some defect of feature and generally contributes remarkable pallor to the complexion as was the case with Dante, born under the rising of Saturn, Mercury, and the Sun in Gemini.

Fortitude. – An old expression, having reference to the presence of a planet in its own sign or exaltation. (*See 'Dignities'.*)

Fortunes. – Term applied to Jupiter and Venus, the former being called the 'Greater Fortune' and the latter the 'Lesser Fortune'. The luminaries have also been referred to under these names, but only when well aspected by Jupiter or Venus.

Fortunate Signs. – The signs Aries, Gemini, Leo, Libra, Sagittarius and Aquarius, are thus referred to; and those in whose horoscopes either of these signs is rising are said to be fortunately predisposed. But this statement should be taken with great reserve, for experience shows that many born under one or other of these signs have proved more unfortunate than their fellows. Everything depends upon how these signs are occupied, for it is certain that one born under Sagittarius with Saturn rising therein will be more unfortunate than another who has Jupiter rising in Capricorn at birth.

Four-footed Signs. – These are the quadrupedal signs Aries, Taurus, Leo, Sagittarius and Capricornus, sometimes also called ‘animal’ signs.

Friendly Planets. – Planets are said to be friendly to one another when their natures are in harmony. Thus the Sun and Mars, Sun and Jupiter and Mars and Jupiter are friendly to one another because their general natures are active and fiery and the signs they rule harmonize by being in the fiery triplicity, Mars ruling Aries, the Sun Leo and Jupiter Sagittarius. The Moon is in Harmony with Venus and Saturn, with Venus because it is exalted in the sign Taurus which is ruled by Venus and with Saturn because the elemental natures of the Moon and Saturn are in harmony with one another, the Moon being watery and Saturn earthy and as will be readily recognized, water and earth do mix readily.

But apart from these pronounced and very obvious antipathies, there are certain others which have relation to the temperament of the planets. Thus the Moon is moist and fruitful, and Saturn is dry and barren. Hence they are temperamentally opposed. Mars is hot and dry and the Moon is moist and cold, and hence they are opposed. Similarly with other planets, according to their temperaments.

Fruitful Signs. – These are the watery signs, Scorpio, Cancer and Pisces.

Frustration. – A term applied to Horary Astrology, when a planet makes application to another by aspect, but before forming the aspect, another interposes its rays and thus is said to frustrate or deflect the influence of the first-named planet.

Gemini. – The third sign of the zodiac in longitude from 60° to 90° E. The constellation of the same name contains the important stars Castor and Pollux, which are the Dioscuri. They were associated with Romulus and Remus, the founders

of Rome, and with the constellation Lupus, the wolf, by whom they were supposed to have been suckled in infancy.

Geniture. – A Birth or Genesis.

Genethliacal. – Pertaining to birth.

Geocentric. – Having the earth for a centre. Before the geocentric positions of the planets can be calculated we have to find their heliocentric places, the difference between the two is called the parallax. All astrological considerations involve the geocentric positions of the planets, the theory being that astrology is concerned only with the operations of the planets upon the Earth as a passive centre of such action as they may be held to exert. If Mars has an astrology of its own it would similarly regard itself as the centre of action and the Earth would doubtless be regarded as a malefic planet.

Giver of Life. – The Hyleg, or Significator holding the vital prerogative. (See ‘Hyleg’.)

Heliacal Rising or Setting. – Rising or setting with the Sun.

Heliocentric. – Having the Sun for a centre. All the planets of this system have the Sun for centre. Their motions about it are proportionate to their distances. In calculating the places of the planets we have first to employ a mean orbit in which the planets are supposed to move in a circular orbit at uniform rate. This is corrected by an equation to centre, which depends on the eccentricity of the orbit, or its departure from the true circle. Having determined the true position in the orbit from the Sun as centre, a further equation called parallax has to be employed to reduce the planet to its geocentric longitude.

Hemisphere. – The half-circle. This may be the half-circle East or West of the meridian, or the half-circle North

or South of the Horizon. Geographically it is spoken of both East and West, as well as North and South.

Hermaphrodite. – Compounded of both sexes. Derived from the names of the god and goddess Hermes and Aphrodite. Hermes is Mercury and Aphrodite is Venus. The combination of these two influences in the mind of man – namely, as Art and Science – constitutes the true human. The emotional and rational powers are presumed to be in perfect balance and control in the true Hermaphrodite. Instances of bisexual function in humans have been recorded in medical works. In Astrology we speak of a higher order of intellect under this appellation.

Hexagon. – The sextile aspect.

Honours. – These are referred to the Sun and Mid-heaven, and according to their radical aspects and affection, so the degrees of fame or honour to which a person is predestined may be known. The luminaries angular and well aspected is the strongest sign of high honours. Jupiter rising or in the Mid-heaven shows a high degree of prestige. Saturn similarly placed denuded the person of credit and renown, however much deserving. Planets rising in a semi-circle between the Nadir and meridian show aspirations to honours and a high ambition. But it depends entirely on the planet which first culminates, as to what the outcome of such aspirations may be.

Horary Time. – The time from the rising of the planet to its setting, divided by 12, will give its horary time. The two factors employed in this calculation are the declination of the planet and the latitude of the place. (*See 'Ascensional Difference'.*)

Horary Circles. – These are the circles in which the planets move about the Earth. They are either diurnal (above the horizon), or nocturnal (below the horizon). The

horary time is thus either $1/12$ th of the time between the rising and setting of a planet, or $1/12$ th of that between its setting and rising, according as it may be placed at the time for which calculation is made.

Horary Questions. – The system of Horary Astrology depends on the sympathy that exists between the minds of men and the stars, by reason of which people are led to think of and propound a question of serious import at a time when the aspect of the heavens bears a definite relation to the nature, origin, and termination of the matter involved. On this basis the whole of Horary Astrology had been builded. Certain planets are Significators, as signifying the person who makes the inquiry and the matter in hand. Other planets are Promittors, as promising good or evil, assistance or detriment, to the concern about which the inquiry is made. The specific natures of the planets are largely neglected and the bodies in aspect to the Significator are merely regarded as friendly or otherwise according to their aspects. A number of considerations not employed in Genethliacal Astrology are employed. Thus a Promittor may be angular, succedant or cadent, combust, disposed of, frustrated, applied to, separated from, or in mutual disposition with other of the planets, and all these considerations have to be taken into account. There is no measure of time on a purely mathematical basis as in genethliology, but days, weeks, months, and years, are determined from consideration of the signs involved, whether they be fixed, common or cardinal, and whether angular, succedant or cadent.

The Houses generally retain the same significations as in Natal Astrology. Many works exist on the subject, and perhaps the best is that of Lilly.

Houses. – There are two kinds of Houses. One is the mundane and the other zodiacal. It would be well if astrologers confined the use of this term to the mundane, in distinction from the signs of the zodiac. A sign is often referred to as

the 'house' of a planet, since a lord without a house is nothing better than many a Spanish Don. But although planets rule certain signs, they should not for this reason be called 'houses', for experience shows that their lordships are seldom at home. A House in the astronomical sense is $1/12$ th of the Prime Vertical. This latter is the circle in which one stands upright when facing due south. It is otherwise referred to as the circle of observation. As the zodiac does not lie in the same plane with this Prime Vertical, the signs of the zodiac pass through the Houses obliquely, and for the same reason the planets pass through them at angles varying according to their several declinations. In extreme northern latitudes it is possible to have more than one sign in the same House, and this of itself shows the need for a distinction. The Houses are used to define the various spheres of human activity and interest, thus:

The 1st House rules over the person born; and in the world, the public.

The 2nd House governs finance, possessions, markets, trade, and the price of money.

The 3rd House has relation to letters, communications, railways, road, transports, blood relatives, neighbours, territorial borders.

The 4th House denotes the mother (in a male), or the father (in a female) horoscope, the end of matters, the grave, mines and agricultural conditions, the enemies of the Government, property, foundations.

The 5th House shows speculation, offspring, hopes, pleasures, schools, public amusements, property values.

The 6th House denotes food, clothing, equipment, labour, servants, the public services, aunts and uncles on the mother's side in a male horoscope, or the father's side in a female horoscope, sickness, health and considerations of personal well-being either individual or national.

The 7th House shows contracts, agreements, bonds, partnerships, marital relations, treaties, rivals and competitors.

The 8th House indicates death, loss, dowry, legacy.

The 9th House denotes foreign lands, other-world influences, telegraphs, insurances, religious matters, exports, travelling.

The 10th House denotes honour, position, credit and standing, the Government, the Prime Minister or King, the President of a Country or State, the sphere of influence exerted by the individual.

The 11th House indicates alliances, friendships, emoluments of office, income from business, aspirations.

The 12th House shows restraint, imprisonment, confinement, hospitals, asylums, prisons, and places of detention and the incident of exile.

The Houses are numbered for purposes of distinction from 1, which embraces the first 30° below the East horizon, round through the lower heaven beneath the earth, to the West horizon where the 7th House begins. The 10th House begins on the upper meridian and extends for 30° eastward. The circle of the Twelve Houses ends with the East horizon, where it began.

The Houses are defined as Personal, Possessive, Relative and Terminal.

The 1st House is personal, and refers to the body of man. The 5th is personal and refers to his soul. The 9th is personal and refers to his spirit or mind.

The 2nd House is possessive and refers to the possessions of a man. The 6th House is possessive and refers to his environment and comforts. The 10th House is possessive and refers to his honour and credit.

The 3rd House is relative and refers to a man's blood relations. The 7th House is relative and refers to his connubial relations. The 11th House is relative and refers to his social or mental relations.

The 4th House is terminal and shows the grave or end of the bodily man. The 8th House is terminal and refers to the sundering of body and soul, as in death. The 12th House is

terminal and refers to the sundering of the soul and spirit in what is called the 'second death'.

These ascriptions, which are derived from the Kabala, may be comprised in a single Table thus:

Personal	Body	Soul	Spirit	I V IX
Possessive	Wealth	Menage	Honour	II VI X
Relative	Consanguine	Conjugal	Congenial	III VII XI
Terminal	Grave	Paradise	Heaven	IV VIII XII

Various methods of finding the degrees of the zodiac, which are at any time on the cusps of Houses, have been employed and have been the subject of much discussion. Mathematically speaking the Tables that are given in the books are incorrect, as they employ the semi-arc of the Sun when in the Tropic only, whereas it is obvious that planets which have different declinations will have different horary times and they will cut through the cusps of the Houses at different angles. The easiest and most symbolically correct method is to divide the zodiacal degrees comprised between the Mid-heaven and the Ascendant by 3, and add these degrees successively to the degree of the zodiac on the Mid-heaven. The same process in regard to the Houses below the horizon will result in a figure which for all practical purposes is satisfactory. The differences existing in the various methods only extend to the intermediate cusps, namely, the 11th, 12th, 2nd, 3rd, 5th, 6th, 8th, 9th, and do not in any way affect the angles of the figure, which are the same in all systems, and by far the most important in the horoscope.

Human Signs. – These are the signs which bear human form as Gemini, Virgo, Libra, Sagittarius, Aquarius. Some writers omit Libra, considering the Balance by itself apart from the human figure that sustains it. The figure of Justice is certainly the most human of images. Sagittarius is only considered 'human' in regard to one half of the sign, the

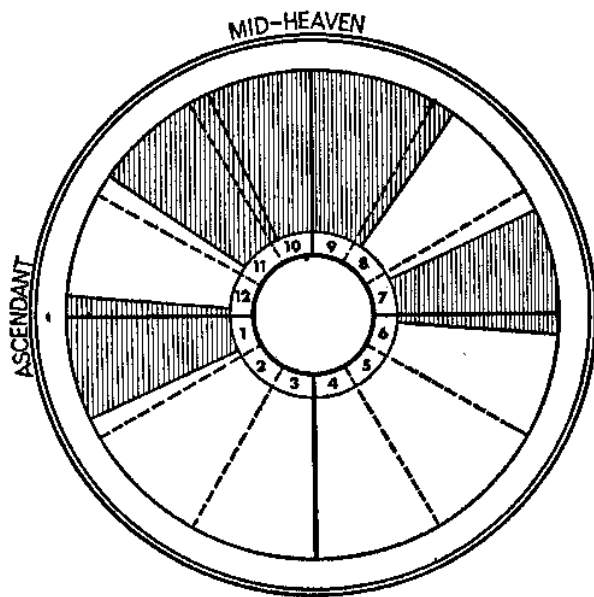
other being animal. The mistake is repeatedly made by copyists among astrological writers in ascribing human attributes to the first half of Sagittarius, whereas it is plain to every one who has seen the ancient form of the planisphere that the half of Sagittarius which rises next after Scorpio is the hind part of the Centaur, having the form of a horse, while the latter half is human in quality, having the lineaments of the archer. If there be any doubt as to the antiquity of this symbol, it is dispelled by reading the last prophetic blessing of the patriarch Jacob: 'Dan is a snake, a serpent in the path, that *biteth at the horse's heels* so that the rider falleth backward.' Dan, which is associated with the sign Scorpio, and the constellation Serpentarius, could not be said to bite the *heels* of the horseman if the latter came upon the serpent with his forefeet. Doubtless there have been many changes effected in the conformation of the various constellations since the patriarchal days, but the above quotation seems to make it clear that the first part of Sagittarius is animal and the other half human.

Hyades. – The stars called the 'weepers', because they are believed to produce rain when rising with the Sun. Their position is in the head of the Bull, and the Sun is with them in the last days of May and the beginning of June.

Hyleg. – The Significator in a horoscope which is invested with the vital prerogative. It is otherwise known as the Alpheta in distinction from the Anareta or destroyer of life. According to the doctrine of Ptolemy, to whose system it properly belongs, the Significator must hold an alphabetical place in order to become Hyleg. The alphabetical places are: From 5° above the East horizon to 25° below it, the same measure in regard to the West horizon, the Meridian eastward, the 9th House eastward, and the 11th House eastward. These places are optically illustrated by the following figure, in which the shaded parts are alphabetical.

The arrangement is entirely empirical and has often been

disputed. It is, moreover, a question whether a Significator attains alphetical power by passing into an alphetical place by direction after birth. Thus if the Sun were at birth in the 8th House, beyond the limits of the alphetical place, and Saturn rising in the horoscope, the Sun after birth would come down the heavens until it reached the opposition of Saturn in the Ascendant, at which time the Sun itself would be in an alphetical place, namely, the 7th House. Such a



direction has been attended by death, although according to the dictum of Ptolemy the Sun was not Hyleg in this case. Similar cases might be cited to show that the Hyleg has not been seriously affected at the time of death, but the Ascendant has been heavily afflicted. The question therefore remains as to whether a Significator such as the Sun or Moon, being in an alphetical place by direction and afflicted, will indicate decease. In other words, we have to determine whether the

Hyleg is determined by a radical or a directional position, and under what conditions. Placidus modified the doctrine of Ptolemy but without throwing any further light on the subject. Others have held the view that the Ascendant and Sun have vital prerogatives in the case of a male geniture, and the Ascendant and Moon in that of a female. There is doubtless much to be said in favour of this doctrine, and experience certainly shows that very few mortalities occur without there being some exceptional affliction of the Ascendant, that is, of the degree which held the Ascendant at birth, or that which holds the Ascendant by direction at the time of death.

Hypogeon. – A Greek name for the lower heaven or Nadir, which holds a position beneath the Earth.

Illumination. – Referred to the Moon's phase during which it gives light at night after sunset and before sunrise. She is visible as an illumined body for about 26 days of the month.

Impeded. – A luminary or planet is said to be impeded or impeded in its action when badly aspected by others, but especially the malefics, Neptune, Uranus, Saturn and Mars.

Imperfect Signs. – Those that are broken. This refers to certain signs of the zodiac which are apt to produce distortions of the body and limbs when afflicted at birth, as Leo, Scorpio and Pisces. To these many writers would add Capricornus and Cancer. Indeed almost every sign has its defects when afflicted at birth and also rising.

Imum Coeli. – The lowest heaven. This refers to the cusp of the 4th House.

Inclination. – Astrologically this refers to the motion of a body towards another position in the horoscope than that it held at birth. Astronomically it refers to the angle at which the orbit of a planet crosses the ecliptic or Sun's path. The

place in the orbit is reduced to the ecliptic by subtracting the cosine of the declination from the vector.

Inconjunct. – A planet is inconjunct when it forms no aspect to another, not being at the same time in parallel of declination, or in mutual disposition, since both these act as if the planet were in conjunction.

Increasing in Light. – This usually refers to the Moon's phase, but may be held in regard to any planet which, on leaving the Sun's conjunction, increases in light, from the point of view of the Earth, until it reaches the opposition of the Sun, after which its light decreases. A planet increases its motion by acceleration from day to day, as when they are coming to the perihelion. The Moon may be going 12° one day and 13° the next, and this would be on account of its approaching its apogee. The mean motion being $13^\circ 10'$ per day, anything over this indicates that the Moon is swift in motion, a term that is often used, and a condition that is regarded as fortunate.

Inferior Planets. – These are Venus and Mercury, whose orbits are nearer to the Sun than that of the Earth.

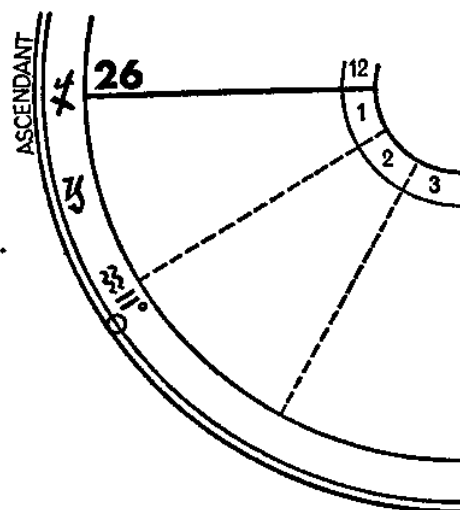
Ingress. – The entry of a planet into a sign or quarter of the heavens. The Sun makes an ingress into the cardinal signs at the equinoxes and solstices. The planets also have their ingresses into the various signs of the zodiac, when they are held to change their influences.

Intercepted. – This term refers to a sign which occupies a House without being on its cusp. Thus with the end of Sagittarius rising the sign Capricorn would occupy the 1st House together with part of Sagittarius and part of Aquarius, the early degrees of this latter sign being on the cusp of the 2nd House in northern latitudes. Thus Capricorn would be intercepted and would be set in the figure as above.

Joys of Planets. – A planet is said to 'joy' in a sign when it has particular affinities of temperament with that sign.

Thus the planet Mars, which has not dignities in Leo, is said to joy in that sign because both are of a fiery nature. The idea is to some extent fanciful, and cannot be carried to a finality with any degree of success. It rather belongs to the picturesque language of the period when astrological writers were poetically disposed.

Jupiter. – The 'Greater Fortune'. The largest planet in the solar system. Has a period of 12 years and a synodical period of 83 years. (See 'Planets'.)



Latitude. – The distance of a star from the ecliptic, depending on the place in its orbit which crosses the Sun's path or ecliptic at an angle of more or less obliquity. The latitude of Mercury may be as much as 7° , while that of Mars may be as much as $1^\circ 51'$, of Saturn $2^\circ 30'$, of Jupiter $1^\circ 19'$, of Venus $3^\circ 24'$. That of the Moon may extend to $5^\circ 17'$. The Sun of course never has latitude. The planets Uranus and Neptune have small latitudes rarely reaching 2° .

but Pluto has a very big latitude, bigger than any of the other planets and can go up to 16°.

Life. – See 'Hyleg' and 'Alpheta'.

Lights. – Another name for the luminaries, or the Sun and Moon.

Light of Time. – The Sun by day, and the Moon by night.

Light Planets. – The Moon, Venus and Mercury, referring to their gravities and consequently swift motions. The nearer a body is to its gravitational centre, the more rapid is its motion, and hence its gravity is proportionately diminished.

Lion's Heart. – The star Regulus or Cor Leonis. It holds the end of the sign Leo, though when named it must have been in the heart of Leo and not at its tail-end as now. It is probable that the constellations were first named, and that the signs, measured from the equinox, took their names from the constellations with which at one time they were coincident, the vernal equinox coinciding with the first point in the constellation of Aries. The Hindus begin their year about 22 days later than we, and count by constellations which begin with Revati at the end of Pisces. Also it is observed that the equinox is now approaching the constellation Aquarius. Hence it seems that the coincidence of the two zodiacs must be referred to the Greek period in the fifth century of the present era, when the astronomers evolved the 'fixed' zodiac and made their count from the equinox. Varaha Mihira, the Hindu astrologer, says in the *Brihat Samhita* that the first point of Mesham was then coincident with the vernal equinox. Mesham being the constellation of Aries and the date of Mihira being, on the authority of Albirumi, the end of the fifth century, it would appear that the present count of the zodiac from the equinox was adopted at that time.

Lion's Tail. – The star Deneb or Cauda Leonis of the second magnitude in the 20th degree of Virgo. It is said to bring honours and wealth followed by ruin and disgrace.

Logarithms. – Proportional parts of a quadrant expressed in numbers which enable calculations to be made by simple addition and subtraction, instead of by long multiplication and division. They were invented in 1614 by Lord Napier of Merchiston, for use in astrological calculations, and are in common use by the schools for trigonometry. Logarithms are divided into natural, proportional, and logistic logarithms, each kind being designed for particular uses. An improvement in logarithms was introduced by Henry Briggs in 1624.

Longitude. – Position on the ecliptic measured from the first point of Aries or vernal equinox.

Lord. – The Lord of a sign is that planet which is said to govern it, as Mars is the 'lord' of Aries, and similarly the Moon is called the 'lady' of Cancer or of the House that Cancer may hold in any horoscope.

There is also the Lord of a Horoscope, usually that which governs the rising sign. The Lord of the Hour is that which governs the planetary hour of the day then current. The planet which rules the day and gives its name to the day is said to govern the first 'hour' and the rest follow in succession. The 'hour' in this case is $1/12$ th part of the Sun's diurnal arc (the time it remains above the horizon).

Lucifer. – The 'Light-bearer'. A name for Venus when rising before the Sun, hence called 'Son of the Morning'.

Lunar. – Relating to the Moon.

Lunation. – A period of 29d. 12h. 44m. 3s. during which she progresses from one conjunction with the Sun to the next. Sometimes used to indicate the New Moon. A Synodical Lunation is a New Moon. Also called a syzygy.

Malefics. – Saturn and Mars, to which the moderns have

added Uranus, Neptune and Pluto. There are of course no such things as malefic planets, for the good aspect of any planet is beneficial. But inasmuch as the planets are differently constituted, and since we judge of their natures by their conjunctions with neutral points in the horoscope, such as the Mid-heaven and Ascendant, we come to the conclusion from long and repeated experience that Saturn is inimical to the denizens of this earth and similarly that Mars is also. For by these criteria we find that Saturn depletes and denudes, while Mars accelerates and intensifies, so that the one hurts by depletion and the other by excess. Uranus will bring sudden disturbances and unpleasant conditions of an unexpected nature, Neptune invariably shows dangers of deception by others as well as of self-deception, whilst Pluto brings inimical conditions whose origin is often very difficult to trace. By observations directed to the natures of Jupiter and Venus we find that they are benefic and tend to produce harmonious characters and fortunate inclinations. (*See* 'Planets'.)

Marriage. - The indications of marriage are not specific unless some special feature is introduced by the incident of a planet being in the 7th House, from which the chief indications are derived. It is normal to marry within certain limits of age. The indications of any denial of marriage should be sought for in the horoscope, and in their absence it may be argued that marriage (whether legal or otherwise) will result under appropriate configurations of the Significators in due course, as may be more particularly defined by 'direction'. The chief indications of unmarried life are when Venus in a male horoscope and the Moon are afflicted by Saturn, Venus being weak in the figure. Similarly Mars in a female horoscope and the Sun have to be regarded. More than one marriage occurs when there is a double sign (Gemini, Pisces or Sagittarius) on the cusp of the 7th House, and the chief Significator applying to more than one planet in fruitful

signs such as Cancer or Pisces. These are the chief indications, but there are many others, and only experience can judge with certainty in this matter. The 5th House rules over amours and love affairs before marriage, and has much to do with domestic affairs after marriage. Malefic planets there, or the luminaries, Mars or Venus according to sex, being in the 5th and afflicted by Saturn or Uranus, there will be no success in courtship or sex relations generally. But if marriage is shown, then troubles arise thereafter in the domestic circle. Marriage, regarded merely as a contract between two parties, should be considered astrologically apart from love affairs, to Marriage, regarded merely as a contract between two parties, should be considered astrologically apart from love affairs, to which it may bear but little relation. A love marriage is shown when the Significator applies to the good aspect of the benefic planets, Venus or Jupiter, one of these benefics being in the 7th House, or the Significator there, well aspected by the benefics.

Masculine and Feminine Signs. - These are alternate signs counted from Aries, which is male; Taurus being female, and so on. The male planets are Uranus, Saturn, Jupiter, Mars. The female are Neptune, Venus, and Mercury when in a female sign. The Sun is male and the Moon female. Also the male quadrants are the S.E. and N.W., while the others are female.

By male and female we mean, of course, active and passive, or positive and negative, and do not specifically refer to sex, though where sex is the matter in question we should consider the distinction of terms as a true one. Moisture and dryness mark the distinction between the female and the male, heat being allied to dryness and cold to moisture. Hence the moist signs are female and the hot are masculine.

Markab. - A star of the second magnitude in Pisces 22. It is in the wing of Pegasus. Its nature is malefic.

Matutine. – Stars that appear in the morning before sunrise are called matutinal. Among the planets, the Moon, Venus and Mercury are at times matutinal, as the ephemeris will show.

Mean Motion. – The diurnal motion of a planet being at the medium rate, it is then moving at a mean motion. The heliocentric mean motions of the planets differ from their geocentric, owing to the motion of the Earth by which they are overcome. The true mean motion supposes the planet to move in a circle at a uniform rate about the Sun and the mean motions are then, for

Pluto	0° 0' 48" per day
Neptune	0° 0' 24" „
Uranus	0° 0' 42" „
Saturn	0° 2' 1" „
Jupiter	0° 4' 59" „
Mars	0° 0' 31" „
Venus	1° 36' 0" „
Mercury	4° 6' 0" „
The Moon about the Earth	13° 10' 35" „
The Earth about the Sun	0° 59' 8" „

Measure of Time. – The method of measuring the time of an event by an Arc of Direction. The Ptolemaic method is at the rate of 1° of R.A. for each year of life. Other and later writers have divided the arc by the diurnal increment of R.A. made by the Sun on the day of birth. Others again have a mean arc of 1° of R.A. equals the mean motion of the Sun or 59' 8", thus accommodating the circle of 360° to the year of 365 days. Worsdale, Simmonite and others, including Morrison, follow another method. This consists of adding the Arc of Direction to the Sun's R.A. at birth, then counting the number of days after birth at which the Sun reaches this second R.A., and the number of days will be years, every two hours counting as one month. Naibod's method is to find

the arc in R.A., and then each degree as equal to 1y. 5d. 8h. and for every minute, 6d. 4h. The following Table will give the values on this method for every whole degree up to 10, and thereafter by tens.

NAIBOD'S TABLE OF TIMES

yrs. dys. hrs.				yrs. dys. hrs.				yrs. dys. hrs.			
1°	1	5	8	8°	8	42	20	50°	50	267	16
2°	2	10	17	9°	9	48	4	60°	60	321	4
3°	3	16	1	10°	10	53	13	70°	71	9	11
4°	4	21	10	20°	20	107	1	80°	81	63	0
5°	5	26	18	30°	30	160	14	90°	91	116	13
6°	6	32	3	40°	40	214	3	100°	101	170	2
7°	7	37	11								

Minutes of Arc must be converted to time by multiplying by 6d. 4h., and the amount added to the time value for the above whole degrees.

Medium Coeli or M.C. – The degree on the upper meridian of the horoscope. The meridian remains fixed due South and the Mid-heaven is the degree of the zodiac which at any given time is on the meridian. The zenith is the point on the meridian which is immediately overhead. The meridian degree is thus the same as the Mid-heaven. When we speak of the Right Ascension of the Mid-heaven, we mean the R.A. of the ecliptic degree which happens to be on the meridian due South. In the same way we distinguish between the Ascendant or rising degree and the horizon East, or the Descendant and horizon West. In both the former cases we refer to the ecliptic degree which is on the horizon. The latter is always at right angles to the meridian in all directions.

Medusa's Head. – Caput Algol or the Ghoul's Head. Arab. *Gol*, a skull. In the constellation of Perseus in the 24th degree of Taurus. Said to be of a violent nature and disposing to a tragic end.

Mercury. – See 'Planets'.

Meridian. – The circle of longitude which passes from the South point of the horizon, through the zenith to the North point of the horizon. The Sun is on the meridian at apparent noon. From this point to the horizon either way marks the semi-diurnal arc of a planet, or star.

Meridional. – Southerly.

Metonic Cycle. – A cycle of 19 years at the end of which the Sun and Moon form their conjunction in the same place in the zodiac. Named from Meton, the Athenian, who invented it.

Mid-heaven. – The degree of the zodiac on the meridian South. The point where the ecliptic cuts the meridian, as distinguished from any other point, such as the zenith, on the same meridian circle.

Mental Qualities. – These are judged from the position and aspects of Mercury, and the stars that are rising at birth. The instinctual faculties are referred to the Moon and its aspects. Thus Ptolemy says that Mercury rules the rational and the Moon the natural faculties. Mercury afflicted at birth shows some defect of the brain and nervous system. Saturn indicates diffidence, hesitation, a retiring and sombre nature, sometimes afflicted with stammering, deafness, or other inhibition of the faculties. Mars afflicting Mercury shows an irascible and violent disposition of mind, apt to take offence readily, bellicose, impulsive, turbulent and argumentative, and strongly disposed to mental instability if not acute mania. Uranus acts somewhat similarly to Mars and disposes to eccentricity, fractiousness, and uncontrollable impulses. There is danger of nervous lesion or paralysis. Neptune tends to neurotic affections and nervous depletion, anaemia, etc., when afflicting Mercury. Pluto afflicting Mercury shows mental abnormalities which, in certain instances, can be caused by an undue study of or contemplation upon matters to do with time, space and infinity.

Although the prevailing or dominant characteristics of the mind can certainly be discerned from a consideration of the aspects of Mercury, the general conformation of character is best judged from the sign-positions of the majority of the planets together with the rising sign.

Thus the majority being in

Cardinal Signs denotes an acute, apt and business-like turn of mind, one endowed largely with the executive faculty, capable of making headway against difficulties and cutting out a line in life for himself. The ambitions are keen and the decisions are clear-cut and well-pointed. These people speak and act to the point and with a well-defined objective always before them; they usually attain their ambitions and become pioneers of thought or action in whatever field of work they are engaged.

Flexed or Common Signs denote persons in whom there is a great degree of adaptability, sympathy, and accommodation. They are largely influenced by their environment and have need to choose their associates carefully. They seldom specialize in any form of work, but owing to wide sympathies and much flexibility of mind, they are versatile and have a tendency to generalize, having usually too many irons in the fire and more in hand than they can ever bring to completion. Hence they are disposed to drift from one set of circumstances to another, and are usually considered undependable. When the majority of planets thus placed are also cadent, the person born will be a colourless nonentity, a mere Autolycus.

Fixed Signs denote a strong inflexible and reliable nature, prone to method and habit of thought and action, strong in principle, and more originative than executive. Without intelligence they prove stubborn and bigoted, harsh and inflexible, but when properly informed by education they are dependable, constant, and steadfast, such as others may turn to for advice and counsel with the certainty of sound advice and enduring interest.

Planets in cardinal signs are reinforced by being also in

angular Houses; common signs are weakened by being in cadent Houses; and fixed signs are strengthened by being in succedant Houses. There are thus 27 possible positions for the 9 planets (including the luminaries), and 28 with the Ascendant, and a count made from the horoscope of birth will certainly reveal the conformation of mind with surprising accuracy.

Pluto in good aspect with Mercury will give the ability to study subjects such as evolution and all matters of a deep spiritual and occult nature and to express in writing the results of such studies.

Jupiter in good aspect or conjunction with Mercury augments the mental faculties, rendering the mind fruitful of good projects and the memory retentive.

Venus in conjunction or good aspect to Mercury disposes to art and music, poetry, and the drama. It renders the mind light and joyous and well endowed with all the higher social attributes.

Insanity is the result of Mercury being badly afflicted by the conjunction or evil aspects of the malefic planets and unassisted by the good aspects of the benefics, Jupiter or Venus. But if Mercury is in good aspect with either the Moon or the Ascendant, there is hope of remedy.

Minute. – The sixtieth part of a degree.

Movable Signs. – The same as Cardinal, namely, Aries, Cancer, Libra and Capricornus. Some authors seem to think that this ascription was due to the change of season coinciding with the Sun's entry into these signs. I think, however, that the term 'movable' would in such case be badly chosen and not in line with the facts. The fact is that the Sun's ingress to these signs marks, not the beginning, but the middle of the seasons to which they belong, and the characteristic weather is well established by the date marked by the transit. Thus spring begins at the midway point between the winter solstice and the spring equinox, and hence the latter

marks mid-spring. Similarly the ingress to the northern solstice marks mid-summer, and so of the rest. The term 'movable' rightly applies to the observed character of those who are born under their influence, such persons being remarkable for their restless energy.

Modus Rationalis. – The method of Regiomontanus for regulating the cusps of the intermediate Houses which lie between the 'angles' of a horoscope. He divided the equator into twelve equal parts by circles, and where these circles cut into the plane of the ecliptic there he placed the cuspal degrees. But the scheme is anything but rational, as it does not apply to any House except the 10th, which coincides with the meridian and a little understanding of the principle involved will prove that Oblique Ascension under the Poles of the Houses is the only method consistent with the practice of astrology. (See 'Houses'.)

Moderators. – The Moderators are the Sun, Moon, Ascendant, Mid-heaven and Fortuna. They are also called 'Significators'. The term 'moderators' is used by Placidus and by Ptolemy in reference to the above-named Significators, as if they moderated or conditioned the influences derived from the planets, producing as we now say a different 'mode' of motion in the rays reflected by them upon the individual. Wilson thinks that only four should be retained as Fortuna 'can have no effect in nativities'. Why 'in nativities'? If it has any appreciable effect at all it must certainly be reflected in a nativity. But I would say rather that it has a significance similar to that of the Mid-heaven or Ascendant, which points of the ecliptic cannot by any reasoning be said to have an 'effect' on the individual though they may well have a horoscopical significance of the greatest importance. The Sun and Moon, as bodies, can and do have a well-defined effect, for we observe this in the production of the tides and the seasons. But for this reason we may suspect Fortuna of having some relation to the joint action of the luminaries upon any

locality, inasmuch as it bears the same relations to the horizon that the Moon does to the Sun at any time. The term 'moderator' has been long passed out of use.

Moisture. – The moist signs are Cancer, Scorpio and Pisces. Moisture is said to prevail in the atmosphere during the first quarter of the Moon, during the winter, and during the night.

Moon. – (*See* 'Planets'.) The satellite of the Earth is presumed to revolve in an elliptical orbit about the Earth, its eccentricity being about $6^{\circ} 18'$. Its revolution is performed in 27d. 7h. 43m. 11.5s., and its synod in 29d. 12h. 44m. 3s. It turns once on its axis in the same time that it revolves about the Earth, and hence the same side of the Moon is always turned towards us. Its orbit was formerly smaller and its velocity correspondingly greater than now, as proved by ancient eclipses from Tables based on the present observed motion of the body. It reflects the light of the Sun and also emits a small degree of heat which can be registered by a thermometer when the rays are concentrated on the bulb. It may have a small vegetation, but owing to apparent lack of atmosphere it has no clouds or water sufficient for large vegetation. There is no reason, however, that the other side of the Moon should not have physical features capable of sustaining life of a certain order, though the absence of atmosphere and water seems to preclude the generation of life as we know it. The Moon is said to be at a mean distance of 240,000 miles from the Earth. This is agreeable to the theory which places the Earth at a mean distance of 92,000,000 miles from the Sun; but it is not in accord with empirical observation and must be accepted solely as a proportionate or relative distance.

Motion. – The motion of a planet is swift, slow, or mean. It is called swift when its apparent motion exceeds its mean, and slow when it is less than the mean.

Mundane. – Having reference to the Earth as distinguished from the zodiac. Thus a planet is on the cusp of the 11th House, or two-thirds of its diurnal semi-arc up the heavens, is in mundane sextile to the horizon or Ascendant, though it may be in zodiacal square aspect to the rising degree.

Mundane Aspects. – These are measured on the semi-arcs of the planets; and two planets that are each one-third of their diurnal semi-arcs above the horizon would be said to be in conjunction. A planet on the cusp of the 11th is in mundane sextile aspect to one that is on the cusp of the 9th House, and in square aspect to another that is on the cusp of the 2nd House, irrespective of their zodiacal distances from one another.

Mundane Parallels. – These are formed by two planets being at the same distance from any of the four angles of the horoscope and on opposite sides of it. The distance is measured in the prime vertical and not in the zodiac, and they are thus mundane and not zodiacal parallels. The latter occurs when two planets have the same degree of declination. When not occurring at birth, mundane parallels are afterwards formed by the motion of the Earth on its axis, whereby the places of the planets are carried round the heavens from East to West until they are at equal distances from the same angle, and on opposite sides of it. This is called a 'rapt' parallel, because the planets are rapt or carried away by the motion of the Earth. Another kind of mundane parallel is formed by one planet coming by the rotation of the Earth to the same distance from an angle as that held by another planet at birth. In this case the latter planet is supposed to remain where it was at birth, its influence being located in that part of the heavens, and the other planet by natural motion is carried towards it or away from it until it reaches a distance from the same distance from the same angle, when it forms a mundane parallel. Placidus de Titus invented these mundane aspects, and seemed to regard them with a parental affection as entirely

superior to any other indication. But time tempered his judgment and we find in his collection of *Nativities* that he resorts on many occasions to zodiacal directions as taught by Ptolemy.

Mute Signs. – The signs Cancer, Scorpio and Pisces are so named because they represent creatures that are dumb and make no sound. The Arabian astrologers argued hence that these signs were liable to indicate dumbness when Mercury were therein and afflicted, especially by Saturn.

Mutilated Degrees. – Certain degrees of the zodiac are said to indicate lameness if they are rising at birth, or the Moon is therein, or the ruler of the Ascendant. They are as follows:

Taurus. – 6 to 10°.

Cancer. – 9 to 15°.

Leo. – 18 to 28°.

Scorpio. – 18 to 19°.

Sagittarius. – 1, 7, 8, 18 and 19°.

Capricornus. – 26 to 29°.

Aquarius. – 18 and 19°.

All one can say of this category is that it is an empiricism probably founded on coincidence of planets in some cases of lameness, and that planetary causation can have no part in it. Nevertheless we have no just reason to pass it without examination, for if it be reasonable to ascribe certain mental and physical virtues to rising signs, or certain characteristics to the places of the Sun or Moon, it is equally rational to invest certain parts of these signs with adverse qualities, since both good and evil, beauty and deformity, exist side by side in the world. I imagine, however, that these defects can only arise when the Ascendant, Moon, or ruler of the horoscope are thus placed and afflicted by planets likely to cause such infirmities, such as Saturn, Uranus or Mars. In making researches upon this point, it should be remembered that if

lameness of any sort arises from the influences of stars holding these degrees, the influences cited must be looked for in degrees that are at this date somewhat more advanced in the zodiac, owing to the precession of the equinoxes I have no doubt whatever that there are specific influences resident in every single degree of the zodiac, as I have frequently observed by coincidence of the same degree in the horoscopes of persons similarly gifted or afflicted; and did we know more of the exact characteristics and qualities of these degrees we should probably be able to account for the great variety of faculty and character which is everywhere evident in those about us.

Nadir. – The lowest point in the heavens, opposite the Mid-heaven.

Nativity. – The birth. A horoscope set for the time of birth. This is variously taken. Some authors regard the severance of the umbilical cord as the true moment. Others say that it is the moment of the first breath, from which moment the child begins independent existence. This may happen before the cord is severed, and experience seems to point to the moment of the first breath of a sustained series as the true time for which the horoscope is to be set.

Natural Day. – The time during which the Earth turns on its axis. A period of 24 hours. A revolution of the heavens takes place in 23 hours, 56 minutes, the same degree coming to the meridian just 4 minutes earlier than at its last transit.

Nebulae. – Incipient star formations which appear cloudy with more or less well-defined centres. There is a great number of them in the heavens, and when rising at birth or in conjunction with the Moon, they are said to produce blindness. Several instances of this being the case are given in the records under the heading of 'Physical Defects' in the *Manual of Astrology*. The following is a list of the Nebulae; the R.A.

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and declination, from which the longitudes can be derived, are given for the use of students.

	R.A.		Decl.	
	hrs.	mins.	degs.	mins.
Andromeda	0	36	40	30 N.
Antinous	18	38	9	30 S.
Aquarius	21	27	1	30 S.
Bootis	13	58	55	0 N.
Cancer	13	24	48	0 N.
	12	45	41	45 N.
	13	10	42	45 N.
	13	36	29	0 N.
Capricornus	21	23	23	45 S.
Cetus	2	36	9	30 S.
Coma Berenices	12	18	18	45
	to 13	7	to 28	30 N.
Hercules	16	37	36	45 N.
Leonis	10	37	0	45
	to 11	13	to 13	45 N.
Libra	15	12	2	30 N.
Lyra	18	49	33	0 N.
	19	11	30	0 N.
Ophincus	16	40	1	45 S.
	to 17	31	to 26	0
Orion	5	41	0	0
Pegasus	21	24	11	30 N.
Sagittarius	17	52	16	45
	to 18	28	to 24	0 S.
Sextans	10	8	4	0 N.
Taurus	5	27	22	0 N.
Triangulum	1	27	30	0 N.
Ursa Major	9	45	69	45 N.
	11	7	55	45 N.

The chief nebulae which are noted in astrology are, the Pleiades in Taurus 28 and the Aselli in Leo. Ptolemy men-

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tions 'the cloudy spot of Cancer, the Pleiades of Taurus, the arrow-head of Sagittarius, the sting of Scorpio, the parts about the mane of Leo, and the urn of Aquarius', when speaking of the constellations in reference to blindness. The Ascendant or Moon in these parts of the zodiac, and afflicted by Mars, shows blindness from an accident or by violence, and when Saturn afflicts, it is then caused by natural defect, cataract, glaucoma, etc., by obstructing growths, inhibition or decay of the optic nerves.

Neomenium. – Change of the Moon. A New Moon.

Night Houses. – Signs wherein the planets are said to be stronger by night than by day. The night sign of Saturn is Capricorn, of Jupiter, Pisces; of Mars, Scorpio; of Venus, Taurus; of Mercury, Virgo. And these, it will be observed, are the female signs governed by each of these planets respectively. The male signs are the day Houses or signs of the planets which rule them. The Sun and Moon have but one sign each, which serves both for day and night.

Nocturnal Arc. – The time that a planet takes to progress from its setting to its rising. This may be expressed in time or in equivalent degrees and minutes of a circle. In either case it is Right Ascension and is measured on the Equator.

Nocturnal Planets. – These are the Moon and Venus, because of their feminine qualities, their moist and cool temperaments, and their more passive natures, when compared with the other planets such as Mars or the Sun.

Nocturnal Signs. – These are the feminine signs, beginning with Taurus, and so alternately to the end of the zodiac.

Nodes. – These are the points at which the planets, in their several orbits, cross the ecliptic. The planes of their orbits are inclined to that of the ecliptic at varying angles. The Earth is taken to move in the same plane as the Sun. Then the other planets are at the following inclination to that plane, and the places of their nodes are as noted.

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	<i>Inclination</i>	<i>Node in</i>	
Pluto	17° 0'	Cancer	17° 38'
Neptune	1° 47'	Leo	10° 6'
Uranus	0° 46'	Gemini	13° 17'
Saturn	2° 30'	Cancer	22° 50'
Jupiter	1° 19'	Cancer	9° 24'
Mars	1° 51'	Taurus	18° 47'
Venus	3° 24'	Gemini	15° 44'
Mercury	7° 0'	Taurus	17° 9'

The nodes undergo a gradual change, increasing in longitude at the following rates:

Pluto 80' per century, Neptune 23', Uranus 26', Saturn 53', Jupiter 60', Mars 46', Venus 52', Mercury 72'.

The Moon in respect of the Earth as centre has an inclination of 5° 9', and a nodal variation of 19° 20' per year or 3' per day. The Moon's nodes are variously called the Ascending and Descending Nodes, the North and South nodes, Caput Draconis or the Dragon's Head, and Cauda Draconis or the Dragon's Tail. The influence of Caput is said to be fortunate when conjoined with the Ascendant or Mid-heaven, and is held to produce some degree of distinction in affairs ruled by any planet with which it is conjoined or closely configured by sextile or trine aspect. The influence of Cauda is unfortunate. When we speak of influence it is of course understood to be a mere *façon de parler*, since where there is no body there can be no 'influence'; and we really intend by the expression a signification of observed effects or characteristics. In this sense more than half our Astrology is symbolism based upon the implicit relations of man and the universe.

Northern Signs. — These are inclusive of Aries to Virgo, and their opposites are Southern signs. They are also called Commanding signs, the Sun being then in North latitude and asserting its ascendancy over all mundane affairs. This, how-

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ever, cannot apply to the denizens of Southern latitudes, and appears to be rather more fanciful than logical.

Obeying Signs. — These are the Southern signs already referred to.

Oblique Ascension. — The horizon of any place being always 90° from the zenith, it follows that the Equator is the horizon of the North and South Poles, and equally that the meridian circle passing through the poles is the horizon of a place on the Equator 90° from that meridian. At the poles a planet on any parallel of declination is carried along an arc parallel to the Equator, i.e. to the horizon of the pole. Hence it has neither ascension nor descension, but remains throughout the day and night above or below the horizon, according as it is in North or South declination. From the point of view of a place on the Equator, the same star will be carried by the axial rotation of the Earth along an arc that is parallel to the Equator, and hence it rises and sets at right angles to the horizon of that place. All other places in latitudes that are north and south of the Equator, will have a prime vertical that cuts the Equator at an angle equal to the latitude of the place, and the horizon will therefore cut the Equator at an angle equal to the complement of the latitude, and stars or planets will rise and set obliquely, since they follow arcs that are parallel to the Equator to which the horizon is oblique. The following figure will make this plain.

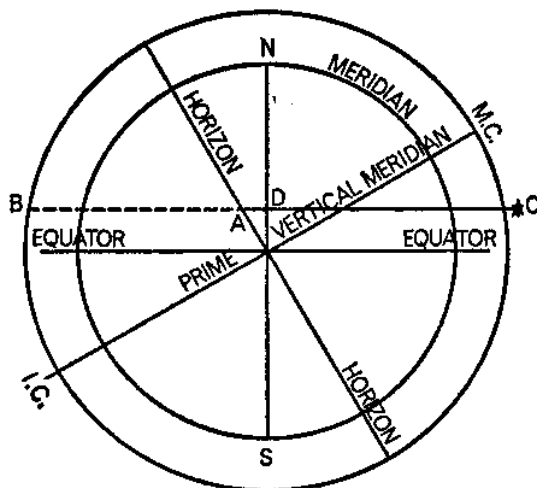
The semi-arc of a body on the Equator is always 90° or 6 hours. The whole arc is always 180° or 12 hours. On the Equator the day and night are equal, and the semi-arcs of all bodies are equal. But in latitudes north or south of the Equator the arcs above and below the horizon are unequal, but together make 180° or 12 hours.

The difference between 90° and the diurnal or nocturnal semi-arc of a body is its Ascensional Difference. Its Right Ascension plus or minus its Ascensional Difference is its Oblique Ascension.

N-S is the Earth's axis with the Poles N. and S., at right angles to the Equator.

N-M-H is the meridian of a place. M.C.-I.C. is the prime vertical of a place 30° north latitude. H-H is its horizon.

A star culminating at C on the meridian is carried by the Earth's rotation along an arc C-D-A-B of which C-A is the



diurnal semi-arc and A-B the nocturnal semi-arc. The portion of the arc more than 90° which is marked A-D is the Ascensional Difference of the star, due to the latitude of the place.

Hence when a planet has North declination its Ascensional Difference has to be subtracted from its R.A. to obtain the Oblique Ascension for any place in north latitudes, but with South declination the Ascensional Difference of the planet must be added to its R.A. to obtain its Oblique Ascension.

Oblique Descension. - This is the complement of the Oblique Ascension. For if the Ascensional Difference of a planet is 23 and its R.A. 103°, its Oblique Ascension for a place in North latitude will be 80°. In such cases its Oblique

Descension will be 100°, since the two together must make up the entire arc of 180°

Oblique Sphere. - Any sphere that is not in the same vertical as the Poles of the Earth. All circles parallel to the equator are oblique to the horizon of such a sphere. This is caused by the depression of the pole of the place from the Pole of the Earth. All places between the Poles and the Equator are in an oblique sphere.

Occidental. - Westerly. Lit. 'falling down'.

Occultation. - This is a term used when the Moon's declination is exactly the same as a Planet's declination. It has the same effect expressed in terms of the planet involved as that of a lunar eclipse.

Occursions. - Celestial occurrences, such as ingresses, formation of aspects, conjunctions, etc. The planet which moves to produce the occurrence is called an 'occursor'. A term used chiefly by Ptolemy, but now replaced by the term 'promittor'.

Opposition. - Stars or planets in opposition are 180° apart, as are the Sun and Moon when the latter is at the Full.

Order of Houses. - The first House is from the East horizon to 30° below it, the 2nd House from 30 to 60°, the third from 60° below the horizon to the Nadir, the 4th from the Nadir to 60° below the West horizon, the 5th from 30° past the Nadir to 30° below the horizon, the 6th from 30° below the West horizon to the horizon itself. The 7th House is opposite to the 1st; the 8th is opposite to the 2nd; and so on throughout the rest of the circle.

Astrologically there is a special value attaching to Houses in the following order of precedence so far as 'strength' is concerned: 1st, 10th, 7th, 4th, 11th, 5th, 9th, 3rd, 2nd, 8th, 6th and 12th.

Orbs of Planets. – The orbs of the planets are the distances at which one body can affect another when in conjunction, or aspect. The orb of the Sun is 15° , that of the Moon 12° , of Jupiter 10 , of Saturn 8 , of Mars 6 , and of the rest 5 only.

The Sun acts on Saturn at an orb of 15° , and Saturn on the Sun at an orb of 10 , the two together make 25 , and half this is $12^{\circ} 30'$, at which distance Saturn is in platic conjunction with the Sun. The same process is observed in regard to the other planets among themselves. Stars of the first magnitude have half the orb allotted to the Sun, namely, $7^{\circ} 30'$.

Oriental. – A planet is oriental of the Sun when it rises after the Sun. If we place the Sun on the Mid-heaven and the planets at their respective distances in longitude from the Sun, we shall at once see what planets are oriental and what are occidental.

The oriental quarters of the heavens are the quadrants between the East horizon and Mid-heaven, and between the West horizon and Nadir, i.e. the S.E. and N.W. quadrants. The N.W. quadrant is of course 'oriental' to our antipodes, or a place where the Sun rises when it sets to us. The influence of the planets is said to undergo a change when passing from the oriental to the occidental quarters of the heavens, and certainly we observe that the Sun's action is so affected, the Sun at its setting having an entirely different action upon animal and vegetable life compared with its rising. The action is called positive or electric when oriental, and negative or magnetic when occidental.

Orion's Belt. – The Stars in Cingula Orionis. They are three in number and lie in a straight line between the 21st and 24th degrees of the sign Gemini. They are said to cause honours when rising or on the Mid-heaven of a horoscope of birth. Rigel is a famous star in the foot of Orion in the 15th of Gemini. Bellatrix is another beautiful star of the second magnitude in the 19th degree of Gemini. Said to confer

military and other honours, but in the end disaster. When joined to the Sun or Moon it causes blindness. Betelgeuse is a star of the first magnitude in the same constellation, situated in Gemini 26. It is in the nature of Mars and Mercury conjoined, and causes accidents by its opposition, and honours by its conjunction. The name is from the Arabic *Ibt-al-jauza*, 'the shoulder of the Giant'. The name Jauza was anciently given to the star Alcyone in the Pleiades, which seems to indicate that they had some idea that the stellar universe was pivoted on that star and the Giant who, like Atlas, supported the world on his shoulders.

Ortive Difference. – A term applied to the difference between the primary and secondary distances when directing the Sun at its rising or setting. It seems to be an effort on the part of certain astrological writers to accommodate the fact of horizontal parallax or perhaps refraction due to obliquity. It is not pertinent to any system of astrology which recognizes the fact that the planets act in direct lines through the centre of the Earth.

Parallels. – These may be either in the zodiac, as when two bodies have the same parallel of declination; or in *mundo*, as when two bodies at the same distance from opposite sides of one of the four angles of the horoscope. The only zodiacal parallel that should be recognized is that existing between two bodies having the same declination of the same denomination, i.e. both North or both South. The planets then traverse the same arc and act as if in conjunction. A zodiacal parallel between a Significator and either Jupiter or Venus is good in effect, while the same with Saturn, Mars, Uranus or Neptune is evil, and this proves the fact that such parallels act as if the planets were in conjunction. The true antiscion of any point in the zodiac is that other point which has the same declination of the same denomination.

Parents. – The Sun represents the father and the Moon

the mother in an astrological sense. Some authors add the planet Saturn for the father and Venus for the mother. But with this I cannot agree, for it is well known that no planet afflicts the Sun so much as Saturn nor has greater signification, by such affliction, of the father's death or undoing. Similarly the Moon in opposition to Venus has the like signification in regard to the mother. Therefore the parents cannot be simultaneously represented by both Saturn and the Sun, or by Moon and Venus, as the case may be. The Sun is the father of sublunary nature, and the Moon is the mother. They are so represented in all mythologies and notably in the Egyptian as Osiris and Isis, which by their conjunctions renew all life in its generations, and at their oppositions bring forth that which is generated.

The Mid-heaven, on account of its associations with the Sun in an astrological sense, is also significant of the father, and the Nadir of the mother. These ascriptions apply only to the male horoscope. In the female horoscope the Mid-heaven denotes the mother and the Nadir the father.

Pars Fortunae. – The Part of Fortune. A point that is defined as the place in the heavens held by the Moon at the time of sunrise. It is hence always as far from the East horizon as the Moon is in longitude from the Sun. The motion of the Sun being 1° per day and that of the Moon 13 , the Moon overtakes the Sun by 12° each day, and that is the motion of Fortuna in the zodiac from day to day on an average.

This symbol forms one of the many Arabic Points which are capable of being considered in a horoscope. Fortuna is represented by a cross within a circle. It is the ancient symbol *Tien* of the Chinese, representing a field. It was used by the Egyptians to signify territory. Modernly it is used as a symbol of the Earth in Astronomy. The other Points are due to the several planets and are found in the same manner by setting off their elongations from the horizon. The part of

Saturn is called the Hour Glass; that of Jupiter the Pomegranate; that of Mars, the Sword; that of Venus, the Heart; that of Mercury, the Caduceus. Fortuna is thus the Part of the Moon. The planets are presumed to reflect their influences to their several 'parts', and as these fall in Houses and signs that are distinct from those held by the planets themselves, an entirely new set of indications arise for interpretation. They act only by their conjunctions and are thus capable of being regarded solely in connection with any planet in the same longitude, or directly in relation to the House they occupy. In directing these 'parts' they are to be taken in the zodiac only, and without latitude. Ptolemy borrowed the symbol of Fortuna from the Arabs but applied his own reasoning to it. Placidus in an attempt to deal mathematically with it, improved it out of existence. The symbols if used at all should be used as their inventors used them, namely, as symbols and not as bodies having latitude and declination as suggested by Placidus, but as points in the zodiac merely.

Passive Stars. – This term is applied to the Sun and Moon as being the passive subjects of the action of the planets which are directed to form conjunctions and aspects with them. Naturally they are of course as active as the rest of the heavenly bodies. In the same way we may regard the Mid-heaven and Ascendant as passive points in the zodiac.

Partile Aspect. – Two bodies that have exactly the same degree and minute are in partile aspect or conjunction as distinguished from the platic aspect or conjunction.

Passive Qualities. – Moisture and coldness.

Peregrine. – A peregrine planet is one that is situated in a sign where it has no dignities by lordship or exaltation, and at the same time is not in aspect to any other planet. This latter consideration is sometimes omitted. The planet thus placed is a vagrant or wanderer and hence called 'peregrine'.

Perigree. – That part of a planet's orbit where it is nearest to the Earth, as distinguished from its opposition or apogee where it is farthest from the Earth.

Perihelion. – The point in a planet's orbit which is nearest to the Sun. Its farthest distance marks the aphelion.

Periodical Lunation. – The return of the Moon to its own place, that is, the place it held at birth in the zodiac, is called a periodical lunation. Its value is 27^d. 7h. 41m. Some astrologers use this for monthly forecasts in the same manner as they use the Sun's return to its own place for annual forecasts. To get a true figure for the Moon's periodical return is a rather difficult matter, owing to the Moon's acceleration in the zodiac from hour to hour, and the fact that the Moon's place is usually only calculated in past ephemerides for the nearest minute of longitude. A general forecast for the month can, however, be made by noting the aspects to the Moon at the approximate time of its return. This is only another method of noting the aspects and transits to the radical place of the Moon, and has nothing to recommend it. A true figure of the heavens might, however, reveal some distinctive features which might aid the judgment.

Phoenon. – A Greek name for Saturn. It means 'the cruel one'.

Pisces. – The 12th sign of the zodiac. The fishes. Symbol of confinement or restraint, the fishes being tethered together.

Planets. – In astrological works prior to the eighteenth century the ancient planets Saturn, Jupiter, Mars, Venus and Mercury, together with the luminaries, are considered as planets. The luminaries are really such in respect to the Earth as the passive centre of their action. The discovery of Uranus by Sir William Herschel on the 13th March, 1781, added a new factor to the problems of Astrology, and incidentally widened the horizon of observers of planetary action in human life. By retrogressive calculation, it was possible to

fit the planet into its proper place in the horoscopes of those who were then living and of those also who had passed away. It then became evident that Uranus was the cause of violent dislocations, fractures, separations, mental disturbances and deaths. A new interpretation was put upon the old phrase, 'death by the visitation of God', for although the end of life is determined by the Divine plan and brought about by the agencies of Nature, astrologers failed to find any adequate indication of the event in some cases in the current 'directions', and thus some supernatural cause had to be brought into the scheme of thought, since an effect without a cause was logically untenable. Then the discovery of Neptune in 1846 gave further impetus to astrological research, the nature of the planet being found chaotic and revolutionary. Persons in whose horoscopes this planet held a dominant position, or afflicted the Moon or Mercury, were found to be excessively neurotic and excitable, subject to intense paroxysms of nervous excitation followed by complete collapse. In others a wasting disease suggestive of nervous leakage and depletion of energy was noted. At the same time the good aspects of this planet were found to coexist with a marked degree of genius, and more especially in art and literature. It contributes a sense of rhythm and poesy and more especially the poetry of motion, while its association with stringed instruments has been frequently noted. Uranus has often been spoken of as the higher octave of Mercury, and Neptune that of Venus. These ascriptions are undoubtedly very apt. Uranus in good aspect to the Significators gives favour by municipal and Government bodies, and in aspect to Moon or Mercury it improves the mechanical sense and gives a faculty for engineering and construction. Its bad aspects produce a refractory spirit and a tendency to alienation from kith and kin. They also dispose to accidents, fractures and dislocations, nervous lesion and paralysis. When afflicting the Sun they tend to suicide if other indications point to mental derangement.

Neptune's good aspects give a sense of harmony, symmetry and rhythm. They contribute a genius for the class of work indicated by the planet to which it is in closest aspect or conjunction. Its bad aspects dispose to neuritis, mental turbulence, chaos, confusion of projects, impracticable ideals, etc. It is frequently in evidence in the production of sybarites, effeminacy, and moral introversion. It has association with drugs and narcotics, such as opium, cocaine and other soporifics and stimulants. The discovery of the planet Pluto by Dr. Lowell in 1930 added yet a further planetary influence to those already known.

During the last few years many astrological writers have expressed their views regarding the influence of the planet Pluto, and a noteworthy effort has undoubtedly been made to estimate the nature of the planet and the manner in which it operates through the twelve signs of the zodiac and the twelve houses of the horoscope.

It is a subject which is not at all easy to explain or demonstrate as so little, relatively, is known of the planet, and since its discovery in March 1930, its vibration has only been manifested through two signs of the zodiac, Cancer and Leo. Nevertheless, by observation, quite a deal has been learned, and the present booklet is written as a result of personal observation, study, and practical conjecture, extending over the past few years.

In my investigations, the underlying factor which I have been concentrating upon, and seeking to develop into concrete form, is a PLANETARY PRINCIPLE which can be allotted to Pluto, or which the planet can be said to express; a principle as distinctive in itself, as any of the other principles associated with the Sun, Moon and other seven planets from Mercury to Neptune.

So far the interpretations advanced, of the possible Plutonian Influence, have fallen short of this distinctive principle and have, in by far the greater number of instances, been more a blending of existing planetary vibrations, in

varying combinations, the chief of which seem to conform to a blending of Mars and Neptune, with a positing of Pluto as the octave expression of the Earth, thus carrying on the septenary octave: Uranus as the octave expression of Mercury, Neptune as the octave expression of Venus, and then Pluto as the octave expression of the Earth, as the Earth comes next to Venus in the normal planetary scale.

When we review both the history of the past few decades, and take into account the accepted principles and conditions of life over which the planets rule, we know that the SUN governs the principle of POWER, from the standpoint of supplying the LIFE FORCE that is inherent in all things. The MOON, reflecting the light of the Sun, governs the principle of GROWTH and influences the FORM of things. Mercury governs the principle of INTELLECT. The power of the mind, and all things associated therewith, as well as varying forms of communication, seen and unseen. Venus governs the principle of LOVE, and exercises power over the emotions, while it rules the Social Urges that play so prominent a part in the life of Man and Woman. The planet Mars has rule over the principle of ACTION, involving aggression, passion, courage, enterprise, etc.

Jupiter rules the principle of LAW, as applied to both spiritual and temporal conditions of life, and it also signifies EXPANSION. Saturn governs the principle of SAFETY, with its twin associate of FEAR, and these twin factors are operative in any conceivable condition of life. Uranus governs the principle of INDIVIDUALITY; the ability to stand alone, to make quick decisions, and to carry these decisions into operation without undue loss of time. Neptune governs the principle of SUGGESTION, or the capacity to influence others by oral persuasion or mental picturization aided by the directive power of the Will.

Now we reach PLUTO – and the distinctive principle shown forth by the vibration of this planet over people, affairs, and conditions of life, is very definitely expressed along two main

channels, firstly, constructive, that of TRANSFORMATION, secondly, destructive, that of ANNIHILATION. Yet each of these principles intertwines with the other and both operate in the everyday affairs of the Individual and of the World.

As Pluto is the farthest of the so-far KNOWN planets, from the Sun, its vibration over the varying conditions of life must of necessity follow the 'long term' plan, and in so far as the Individual is concerned, the HOUSE position of the planet must prove to be of greater importance than the sign position, although naturally the sign position must always be taken into account.

In the planetary scale, from the standpoint of influence, and portrayed more clearly by what is known as the CHALDEAN order of the planets, the accepted sequence is as follows:

SATURN, JUPITER, MARS, *SUN*, VENUS, MERCURY, MOON.

This order does not, AND CANNOT, bring in the EARTH, for the reason that the Earth cannot very well send a vibration to itself, in the same way as the luminaries and the planets send their vibrations or rays through space, to the Earth. The Earth, as an individual unit of the solar system, is a RECEIVER of the vibrations and rays from the other members of the system. It can TRANSMIT its own vibrations and rays to the other members of the system, but NOT TO ITSELF, therefore from the standpoint of RECEPTION it CANNOT enter the ordinary septenary scale.

The only other member of the system which can take this position is the SUN, and from times immemorial this has been the fact. Hence as the Earth is but a receiving station, from this standpoint, it cannot be the octave expression of any other planet, to itself. In following the system of octave expression, however, the Sun being the next member of the system to follow Venus, in the reverse CHALDEAN order, it is logical to assume that the Earth becomes the octave expression of the Sun.

Moreover the distinctive principles of these two bodies

maintain the same accord with one another as do the principles of Mercury and Uranus, and of Venus and Neptune. Mercury signifies the normal power of Thought and the Human Will, Uranus symbolizes the Individualized Thought and Will. Venus governs ordinary Human Love, Neptune the greater or Universal Love.

The Earth shows forth the FORM side of life, the highest expression of which is the HUMAN FORM, cast in the likeness of GOD, or the Supreme Being. The Sun represents the SPIRITUAL FORM which from time to time dwells within the human form, returning to spiritual realms at appointed epochs so as to draw upon the inexhaustible fount of all life, light and being. The main principle involved in both EARTH and SUN is THE CREATION OF LIFE.

Proceeding to the next step in the planetary scale and the Chaldean order of planets, we have the planet MARS. Mars governs the principle of ACTION; from its constructive standpoint, the putting into concrete shape of ideas and plans, the building of things from the written word or drawing, which in itself was a mental concept, invisible, except to the mind of the person who conceived it; the process as a whole showing a form of transformation from invisible to visible. From its destructive side, the principle of Action expresses itself as the destruction of the thing that has been created. It is associated with War, Pestilence and Death.

The next outward planet from Neptune is PLUTO, therefore this planet must obviously take position as THE OCTAVE EXPRESSION OF MARS. Its main principle is ANNIHILATION, the logical continuation of the state of destruction. In war, a house or building is destroyed, but the rubble can remain. In course of time, if left exposed to the elements, the rubble reduces to smaller fragments and ultimately to powder. Then the four winds of heaven scatter it until finally not the tiniest particle is left. This is disintegration and finally annihilation - nothing - the 'long term' vibration of the planet Pluto, and the negative expression of the principle of

Transformation; from the concrete back to the invisible – and beyond. This process of transformation and annihilation will also be seen from a different standpoint, later.

PLUTO governs what may be called the ‘new sciences’, those which have developed from the point to which the ordinary Uranian process of Science previously carried them. These new sciences are those which come into the ‘nuclear’ field, and which have brought a clearer understanding of the process of FISSION.

Whereas Mars gave knowledge of the ordinary destructive processes of war, and Uranus extended the knowledge and understanding of the force of ‘explosion’ assisted by electrical ignition, Pluto has brought the knowledge of far more terrible ‘processes of destruction’ than anything previously conceived by Man. As a result of metallic transformation and extraction, previously unknown elements have been isolated, whose power, and rays have untold potentiality for both good and evil, even though so far it has been the evil that has been demonstrated, with all its horror, its infliction of suffering and death, and its reaction of dread which is worse than fear, through the medium of THE ATOM BOMB.

Experimentation is now being continued, both for the further development of the destructive process, and also for the harnessing of the initial forces so that they may be directed into channels that will be of inestimable benefit to Man, in the production of power for light, heating, mechanical and industrial processes.

Pluto can therefore be said to rule Atomic Power or Force. In human character or destiny it will rule the unknown or unseen factor which is often termed the ‘X’ factor. It shows the capacity to release into action unrealized powers for good or for ill that reside within the human form and brain. It signifies the setting into operation of states of thought and action which will be productive of what may be termed ‘repetitive processes’. It can be likened, in a rather crude way, to what occurs when a stone is dropped or thrown into

water. It produces a series of ripples of ever-widening diameter, that can reach objects which, relatively speaking, are widely removed from the original place where the stone touched the water. The larger the stone, the object or the force, that touches the water, the greater will be the central disturbance, and the more far-reaching will be the ultimate results. The ripples or vibrations will touch things far beyond the original point of contact and produce results which are entirely undreamed of.

One of the keynotes of the Plutonian vibration can therefore be termed ‘the repetitive process’: not repetitive conditions which are usually a duplication of previous conditions, but a repetitive process of the letting loose of a sequence of conditions which, whilst linking up with each other in an orderly manner, are productive of unforeseen and possibly of undesired results in both space and time, affecting people who may be far removed, in distance, from the native, and having their ultimate reaction years ahead, when the originating cause can have been all but forgotten.

Summing up at this stage we now have four main factors upon which to draw, in understanding the nature and vibration of Pluto. These are:

ANNIHILATION, TRANSFORMATION, REPETITIVE PROCESS,
LONG TERM PLAN OF ACTION

In political developments throughout the world we perceive the rise of extremist ideologies and principles, of various ‘isms’, particularly of those that have for their ultimate aim the complete elimination – the annihilation – of human freedom, and the absolute subjugation of the Individual to the State. We also see the gradual elimination of what can be termed ‘king-craft’, the wiping out of dynasties, the extinction of Emperors, Kings and Princes. Note particularly that this process has been accelerated since the entry of Pluto into Leo, the Kingly and Regal sign. The first entry of Pluto into this sign took place towards noon on 9th October, 1937,

and all of us are well aware of the events that have transpired in the world since that date.

To return again to the more personal standpoint and the general influence of Pluto in the horoscope, irrespective of either sign or House position, there are two further principles which it expresses. These are (a) THE PRINCIPLE OF BANISHMENT, (b) THE PRINCIPLE OF 'BRINGING THINGS TO A HALT'.

The House position of the planet will show the sphere of life through which both principles will operate, whilst the aspects made to Pluto by the other planets, especially the bad aspects, will indicate the cause of the Banishment or of the Halt in affairs.

When in the 1st House there will be a banishing of certain interests from the life and in certain instances of the companionship of the opposite sex. It rather inclines to periods of PERSONAL LONELINESS. At times it will bring personal activities to a halt and prevent desired developments, especially if square aspects are in operation. With good aspects the Native is enabled to take action to banish undesirable personalities from the life and to bring unpleasant conditions to a halt or stop and thus prevent possible undue loss or difficulty. When in the 2nd House financial matters will be the originating cause of the native being banished from the lives of others, or of other persons being banished from the native's life, particularly when Pluto is badly aspected. On the other hand, good aspects show that benefits can arise through this condition of banishment and the bad influence of others can be arrested or halted.

In a similar manner the two principles will operate through the remaining Houses of the horoscope; in the 3rd, in connection with relatives, neighbours, etc., or through travel or writings; in the 4th House in connection with domestic and family affairs. It sometimes causes a breaking up or dispersal of the members of the family in such a way that some of them may never again be contacted by the native.

In the 5th House interests to do with children are affected

and the position can conduce to romantic but poignant love affairs in which circumstances part the lovers (under bad aspects) or cause the lovers to be parted from their kith and kin as a result of their love match. The 6th House position of Pluto affects interests to do with work, servants, sickness, etc., the 7th conditions to do with marriage and partnership; the 8th, death and legacies, the 9th travel, foreign affairs, religion and the partner's relatives. The 10th House position brings banishing and halting conditions to do with business or profession; the 11th House with friendships and associations and the 12th House with enemies and with what may be termed 'unseen' conditions.

An argument against Astrology to the effect that the discovery of these two planets upsets entirely the theory on which the science is founded has often been put forward. But a moment's consideration will show the fatuity of it. The discovery of argon as a constituent of the Earth's atmosphere did not invalidate what we already knew about oxygen, hydrogen, or nitrogen. It merely added the knowledge of a new element whose behaviour accounted for certain chemical effects, the cause of which had hitherto been unknown. So the discovery of Uranus and Neptune did not invalidate what we already knew about the ancient planets Saturn, Jupiter, etc. But the discovery enabled us to trace many effects to their proper causes. We do not pretend to know all about planetary interactions, for the planets act upon us in terms of ourselves, and human nature is replete with variety. But what we do know is more than sufficient, scientifically speaking, to establish our premiss, which otherwise arises logically from the postulate of the solidarity of the solar system, insisted upon by Newton and proved by the discovery of these very planets Uranus and Neptune, from the observed perturbations of Saturn in the first case and Uranus in the next.

The following facts concerning the several planets may be of use to the student:

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PLANETARY PERIODS

Uranus makes a complete circuit of the heavens in 83 years, 273 days, 8 hours; Saturn in 29 years, 167 days, 5 hours; Jupiter in 11 years, 314 days, 12 hours, 20 minutes; Mars in 1 year, 32 days, 22 hours; Sun in 365 days, 5 hours, 49 minutes, 49 seconds; Venus in 224 days, 7 hours; Mercury in 87 days, 23 hours. The approximate periods of Neptune and Pluto are Neptune 146 years and Pluto 249 years.

PLANETARY YEARS

The planets were anciently supposed to have definite periods of rulership, at the end of which changes of constitution or environment might be expected to take place in persons and places ruled by them. What are called the shortest 'years' of the several planets are understandable by the orbital motions in most cases, but the mean, greater and greatest years are difficult to trace and seem to bear no arithmetical proportion to one another. I give them however for the more careful study of the ingenious student.

Planet	Short	Mean	Greater	Greatest
Saturn	30	43·5	57	465
Jupiter	12	45	79	428
Mars	15	40	66	264
SUN	19	69	120	1460
Venus	8	45	82	151
Mercury	20	48	76	450
Moon	25	66	108	320

The planets Uranus, Neptune and Pluto have not yet been sufficiently observed in order to give the same details as with the other planets, but their short or orbital periods are approximately, Uranus 84 years, Neptune 146 years and Pluto 249 years.

The use to which these periods are put in Astrology is chiefly confined to the short years of the planets. Thus if

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Saturn is conjoined with the Moon at birth its opposition will be formed at 15 years of age, and its quadratures at 7 years, 6 months and 22 years, 6 months. Similarly Jupiter will form its sextile in 2 years, and its trine in 4 years from the time of birth. The planets are thus made to form aspects or directions to the radical places of the Sun and Moon, and these in turn form aspects to the radical places of the planets. These are called 'periodical directions'.

MOTIONS OF PLANETS

The daily motion of Pluto is 48". It is retrograde for 160 days and is stationary 8 days before and after.

Neptune's daily motion is 2' and it is retrograde for 157 days, being stationary 6 days before and after.

The mean motion of Uranus is 3'. It is retrograde for 155 days and is stationary for 6 days before and after.

The planet Saturn has a mean motion of 2' per day. He is retrograde for 140 days, and stationary for 5 days before and after.

Jupiter's diurnal increment is 5' per day. He is retrograde 120 days and stationary for 5 days before and after.

Mars has a diurnal increment of 31'. He is retrograde for 80 days, and stationary for 2 or 3 days before and after.

Venus has a mean motion of 72', and is retrograde for 42 days, and stationary for 2 days before and after.

Mercury has a mean motion of about 84', and is retrograde for 24 days and stationary for one day before and after.

PLANETARY HOURS

These begin at sunrise on the locality for which they are calculated and extend to sunset, the interval being equally divided into 12 parts or 'hours'. Only at the equinoxes are they exactly 60 minutes in duration. At other seasons they are more or less than this, being longer in the summer and shorter in the winter. Then the period from sunset to sunrise is similarly taken in equal divisions of one-twelfth. These are

the nocturnal planetary hours. There are thus 24 hours in each planetary day. The first hour after sunrise is governed by the planet that gives its name to the day, as Sun on Sunday, Moon on Monday, Mars on Tuesday, Mercury on Wednesday, Jupiter on Thursday, Venus on Friday and Saturn on Saturday.

The rest of the planets follow in order according to the Chaldean arrangement which has respect to the apparent velocities of the planets, namely: Saturn, Jupiter, Mars, Sun, Venus, Mercury, Moon, and so round again in the same order. Hence as there are 24 hours and 7 planets, the latter will be contained 3 times and 3 over, and this brings us to the 25th hour which is the first hour of the next day, and is found to be ruled by the planet whose name it bears. It thus required the aid of an astrologer to determine the reason for the order of the days of the week, which were commonly observed not to fit in with any cosmical order. The 1st, 8th, 15th, and 22nd hours of any day are ruled by the same planet. Thus, on Saturday, Saturn rules these hours and after the 22nd hour we have in their order, Jupiter 23rd, Mars 24th, Sun 25th, which is the same as the first hour of the next day, Sunday, and thus the Sun brings to rule during the first hour after sunrise on a Sunday; and so of the rest.

A planet that is in good aspect to the Moon on any day will bring good fortune to those who act during its hours on that day, especially if it is also the ruler of the day. But when the ruling planet of the hour is in bad aspect to the Moon it is better to let others act and so avoid the greater measure of ill.

Platic Aspect. – This means having an aspect that is not exact, but still within planetary orbs of another. Thus the Sun in Taurus 13 and Mars in Leo 18 are in platic square aspect. Had the Sun been in Taurus 13 and Mars in Leo 13 they would have been in partile aspect. (*See 'Orbs'.*)

Pleiades. – The group of stars called the 'sailors' in the end of the sign Taurus. The large star in this constellation is

Alcyone (Alpha Tauri), which is supposed to be the gravitational centre of the solar system. These nebulous stars are the most frequent cause of blindness when the Sun or Moon is therein and afflicted. Many instances could be given in support of this fact. (*See Manual of Astrology.*)

Pluto. – *See* Planets.

Pole. – (*See 'Elevations'.*) The pole of the horoscope or Ascendant is the latitude of the country or place in which the birth happens or for which the figure of the heavens is set.

Ponderous Planets. – These are Saturn, Jupiter and Mars. They move slower than the rest and hence are so called.

Posited. – Placed or situated in any part of the heavens or the zodiac.

Prespe. – The nebulous cluster in Leo 5, called also the Aselli. They are productive of blindness when the Moon is there and afflicted.

Primum Mobile. – The First Mover, the Tenth Sphere of the ancients. The ethereal space beyond the Fixed Stars, which were the Ninth Sphere. It was held that this Primum Mobile had a motion of its own by which it carried all inferior spheres about the Earth in the space of 24 hours. The stars being thus carried round, each of the planets revolving about the Sun was carried with the Sun as one of the stars. They thus formed cycloidal curves in the courses of their complete revolutions, which Ptolemy conceived to be epicycles. The whole concept is Ptolemaic, and has given place to the Keplerian theory of elliptical orbits about a stationary Sun. The more recent discovery of the proper motion of the Sun in space has complicated matters to the extent of proving that the orbits of the planets in space are not elliptical, but cycloidal or semi-elliptical, the chord of the arc being defined as lying between the two points of perigee.

The system thus becomes from a rational point of view geocentric, though dealt with theoretically as heliocentric.

Principal Places. – The five places where the luminaries are said to be most efficacious, namely, the 10th, 1st, 7th, 11th and 9th Houses.

Process. – Progression.

Procyon. – The Little Dog, so called because it rises before Sirius, the star in the Great Dog. Canis Minor holds Procyon as its principal star. It is situated in Cancer 23, and is of the first magnitude, and of the nature of Mars and Mercury, i.e. violent.

Profecion. – A term used by Ptolemy to indicate the successional rising of the signs at the rate of 1 sign per year and 2° 30' per month.

Progress. – A term used in relation to Secondary or Ephemeral directions as distinguished from Primary directions. The count is made from the day of birth at the rate of one day for a year of life, and two hours for every month. The places of the planets have then to be noted not only in regard to their mutual relations, but also in reference to the radical positions of the Significators. The influences thus indicated begin to operate two days (years) before the exact aspect, and last for two days (years) after the exact aspect. They thus have an increscent influence for two years, are acutely operative for one year and then pass off in the course of another two years. The lunar directions are taken at the rate of two hours for every month and are considered as valuable pointers. The Moon thus forms aspects to the places of the planets in the radix and also in the progress, reference being made to the Sign and House in which the aspect is formed. These directions are said to have originated in Arabia, and are certainly illustrated in Arabic works. But they are absent

from the Chaldean records, and it is presumed that the most ancient astrologers had recourse only to transits and eclipses, a very solid foundation for correct prognosis.

Prohibition. – The same as 'Frustration', which see.

Promittor. – The planets are thus named in distinction from the Significators (Sun, Moon, Mid-heaven, Ascendant, Fortuna) because they promise to fulfil certain indications or portents derived from their radical positions by Sign, House, and Aspect. A planet in evil aspect to a Significator at birth promises hurt and fulfils that promise at the time when by direction or transit it thereafter afflicts the same Significator. The Sun may be a promittor so far as the Mid-heaven, Ascendant, Moon and Fortuna are concerned, and likewise the Moon may be in respect of the Sun and other Significators. Fortuna is never a promittor and cannot be directed, but it can be affected by the directions of the promittors according to their several natures and aspects. The true system of directing, by whatever process, considers the Significators as passive centres capable of being affected by the directions of the promittors, which latter are moved to form aspects with them after birth. Thus a promittor is moved to form a direction to one or other of the Significators. The Significator thus directed to remains where it was at birth. If it is directed to one of the other Significators, it becomes thereby a promittor.

No specific interpretation can be given of the action of promittors or the effects of their directions, but it is enough in this place to say that all good aspects portend good from whatever planet they proceed, and all bad aspects portend evil from each and all of the planets without distinction. The nature of the good or evil effects must be judged from the three considerations: (1) The nature of the planet; (2) the nature of the sign it is in at the time the direction is completed; (3) the nature of the House in which that sign is placed. To say more than this would only serve to complicate

what is after all an exceedingly simple and clear process of deduction.

Proper Motion. – In astronomy this refers to the motion of a star or planet in space as distinguished from its apparent motion caused by the movement of the Earth, either by axial rotation or annual revolution, or by the motion of our solar system through space. The same term has been used astrologically to signify the direct motion of a planet through the signs in distinction from the diurnal rising and setting which is caused by the Earth's rotation.

Prorogator. – That which holds a signification either radically or by direction. Ptolemy uses the term in connection with a method of direction, since he speaks of the number and mode of prorogations. He says that there are two methods of prorogation, and that they are to be effected by proportion of horary times, i.e. their semi-arcs. We have therefore to distinguish between the Prorogator, or the body directed, and the Prorogation or method by which it is directed. The Prorogator is therefore the Alphaeta or Life Giver, as distinguished from the Anareta or killing promittor. By day and in alphetical places, the Sun holds the position of Prorogator, and by night, the Moon when similarly placed in alphetical parts of the heavens. (See 'Hyleg'.)

Pyrois. – A Greek name for Mars on account of his fiery nature.

Quadrants. – The four quarters of the heavens (see 'Oriental' and 'Occidental'). In the zodiac the four quarters are from Aries 0 to Cancer 0, from Cancer 0 to Libra 0, from Libra 0 to Capricorn 0, and from Capricorn 0 to Aries 0. These also mark the four quarters of the year, which commence with the Sun's entry into the four cardinal signs.

The four quarters also correspond with the four ages of Man: Youth, Manhood, Maturity and Age; and with the four parts of the year: Spring, Summer, Autumn and

Winter; and the four parts of the day: Morning, Afternoon, Evening and Night.

The oriental quarters are masculine, Positive, and electric, while the occidental quarters are feminine, negative, and magnetic.

Quadrate Lunations. – The four phases of the Moon are considered in secondary directional effects as portents of good or ill, according as they fall in a aspect to the radical positions of the planets.

Quartile. – The square aspect, or space of three whole signs of the zodiac, or three Houses of the heavens. Next to the opposition it is the worst of all aspects.

Querent. – The person who asks a horary question. His Significator is the ruler of the Ascendant, and the Moon as Co-significator. The ruler of the 7th and its dispositor are the Significator and Co-significator of the quesited, or person asked about. But when the question concerns other than a person, as for instance, speculation, a voyage, finance, etc., then the House governing that matter must be referred to. The question usually concerns matters that are ruled by the House corresponding to the sign held by the Moon, or the House in which its ruler is found at the time.

Quesited. – (See 'Querent'.)

Quincunx. – An aspect of 150°. Considered by Ptolemy and other astrologers to be 'inconjunct' or in no aspect. It is the opposite to the semisextile, and at most can have but a weak effect. In a scheme in which the Houses are related to the aspects, this aspect would signify matters relating to the 6th House, to whose cusp it corresponds. The conjunction in this sense is related to the person, the sinister semisextile to finance, the dexter semisextile to restraints and detentions, the sinister sextile to short journeys, letters, etc., the dexter sextile to friends and associates: and so of the rest. I have observed this scheme to work out satisfactorily in directions.

Quintile. – An aspect of one-fifth of the circle or 72° . It is regarded as beneficial and is related to the 5th House affairs.

Radical. – From the root or radix. Used to indicate the horoscope of birth as distinguished from any figure derived from direction or progression. In relation to horary questions, a figure is regarded as 'radical', and fit to be judged when the same sign holds the Ascendant as at birth, or when any but the first and last two degrees of any other sign are rising. This may be a hedge to screen the imperfections of the old artists in horoscopy, or it may have a surer and more rational foundation in experience. However that may be, it is certain that the true time for a horary figure is the moment at which a proposition is made, or a question presents itself to a person for the first time, no matter what degrees are rising. If it be found on erecting the figure that the last degrees of the sign are ascending, then there will probably be a change of project before long, and when the first degree or two are rising, it may be taken as a sign that the project is not yet mature, and that the proposer will modify his first ideas. When the question is concerning a matter which depends on a time exactly noted as a theft, a loss, an accident, etc., there can never be any doubt as to the time of the horary figure, and this should serve to disprove the need for any distinction regarding the rising degree. (*See* 'Horary'.)

Radical Elections. – These are elections made as to the proper and auspicious time for commencing any business or undertaking any venture. The radix being the foundation of judgment in this kind of election, the process is called a radical election, as distinguished from an ephemeral election, in which the aspects then current in the heavens are used as the ground of judgment. Perhaps these latter should be called 'Horary Elections'. Radical elections are, of course, more potent for good when the horoscope of birth tends to good effects, for what is bad at the root cannot bring forth good fruit, though by discreet elections made under benefic

current influences, much can be done to remedy or palliate the radical evil or enhance the radical good.

Radix. – The horoscope of birth, or the foundation horoscope of any business, edifice, etc.

Rapt Motion. – The apparent diurnal motion of the heavens caused by the rotation of the Earth on its axis is called rapt motion. It is distinguished from proper motion which relates to the motion of a body through the zodiac in its orbit or revolution about the Sun. The apparent motion of the stars and planets gave rise in ancient times to the theory of the Primum Mobile.

Rapt Parallels. – Those that are formed by the apparent motion of the heavens, and by which two bodies are carried or rapt until they come to equal distances from the meridian or horizon where they form a Rapt Parallel. (*See* 'Parallels'.)

Rays. – In astrology a planet is under the 'rays' of another when within orbs of a conjunction or aspect. The stars in this sense are 'rayless', and only act by their exact conjunctions and aspects. Thus, the rays of the Sun extend for 15° on either side and a planet within that distance would be said to be 'within the Sun's rays'. Similarly we could say, astrologically, that a star was within the rays of Jupiter, i.e. within an orb of 10° from the planet or its aspect, but we could not say that Jupiter was within the rays of a star, unless that star were the Sun itself. In this sense, then, astrologers regard the stars without 'rays', and the planets as having 'rays' to the extent of their orbs. (*See* 'Orbs'.)

Reception. – A planet in the sign of another is said to be received by the latter, as if one were a visitor and the other the host. Mutual reception is when two planets are in each other's signs, as Venus in Scorpio, and Mars in Taurus. They then act as if they were in conjunction. Reception is considered both in natal and horary Astrology by the old authors.

Planets that are mutually in reception in one another's exaltations act as if in good aspect to one another. When they are in mutual debility or fall they act as if in evil aspect.

Rectification. - The method of bringing a horoscope to the true time of birth by calculation made from directions adjusted to the time of known events. The method of recording birth times is admittedly loose where no significance attaches to the incident, but where Astrology is concerned we cannot be too punctilious, for without a true astronomical figure of the heavens at birth no certain judgment can be made as to the time and nature of future events. In the old times when Horology was a science in its infancy, and the time of day was taken from a clepsydra, or a sand-glass, there was doubtless much cause for rectification. Consequently the ancients have left us many methods by which to ascertain the true time of birth, some of which are distinctly fanciful, and others undoubtedly scientific. The Animoder of Ptolemy has reference to the degree of the sign held by a planet which has the most dignities in the place of the New or Full which immediately preceded the birth. This brings up the whole complex question of the dignities of the planets, the faces, terms, exaltations, etc., and in effect establishes nothing except the doubtfulness of the whole process. Reference has only to be made to a well-timed horoscope in order to prove that no planet, however strongly represented, in the part of the zodiac where the preceding lunation fell, holds a degree that is even approximate to that which was actually rising at birth, and for this reason the Animoder will not stand the test of impartial scrutiny.

Argol and Morinus rectify by directions timed to an important event, but these methods of course presume that some time may elapse before an event of sufficient importance takes place. The method employed is to convert the event into degrees of the R.A., and to add these to the supposed place of the Mid-heaven and the Sun, and bring out the new

Ascendant and directional place of the Sun, noting the aspects formed by them at the time. Kepler recommends making a table of the Sun's motion for days after birth corresponding to the time of the event at the rate of 1 day for a year, and 2 hours for every month. Find the Sun's place in this table for the time of the accident, and take out its R.A. Take this R.A. from the Oblique Ascension of the Promittor, which is held to have produced the accident, added to 270° . The remainder will be the R.A. of the time corrected.

Second differences after correction have always to be made as the argument for the first operation is, of course, faulty, and by this process of refinement one can arrive with commendable exactness at the truth.

Morinus only differed from Argol in taking the latitude of the Promittor into consideration, a point that Argol omitted to observe.

The danger in all cases of this kind is that the wrong Promittor may be selected or the wrong Significator, or both. Hence a false equation is the result.

Wilson has a very pertinent remark to make in this connection. He observes, quite truly, that the probable cause of births is the sympathy that exists in nature between the parent and the offspring, and that the constitution of the heavens under which that parent the progeny born most resembles, must exist as near as circumstances allow, and at that moment the child is born.

Those who have made a study of composite or family horoscopes in relation to the question of hereditary traits, both physical and mental, will be in a position to uphold the statement of Wilson, and to commend his suggestion as founded in reason and fact, which, however, cannot be said of many of his conclusions, for he was a man of many prejudices, and in this respect a true Uranian.

I conceive that there may be two reasons for rectification, the first being the inability of the artist to correctly diagnose a horoscope, and hence the inclination to attribute errors of

his own to mistakes of time, and secondly, the faulty methods of taking the time of a birth, especially in ancient times when these methods were originated.

Modernly the time of birth is never very far wrong, and any slight correction that is needed may be easily applied by reference to directions to either the Ascendant or Mid-heaven. There remains the Trutine of Hermes which observed a certain necessary relationship of the place of the Moon at birth with the Ascendant at conception, and of the Moon at conception with the Ascendant at birth. The odds against any such coincidence being fortuitous are very considerable, and the fact compels our attention.

In 1898 I formulated the astronomical rule for this Law, distinguishing the factors employed and refining upon the general statement that the Moon in the radix was the Ascendant at conception or its 'opposite'. It has been shown in the *Manual of Astrology* that the period of gestation is plus or minus according to the radical condition of the Moon, namely, whether it is above or below the horizon, and whether increasing or decreasing in light. This distinction had never hitherto been made. It was also determined that sex was the controlling factor whenever there was variant from this fixed rule. The whole theorem was promulgated under the title of 'The Prenatal Epoch and the Law of Sex', and copies of the Thesis with sustaining arguments and examples were deposited by a Member of the Royal Society with the British Museum, and also with the Royal Society itself. The examples used for this demonstration were the actual times of birth taken by Dr. Scanlan of Middlesbrough in the course of his obstetric practice, he being aware of the purpose to which the data would be applied. At a later date a test was instituted by *Modern Astrology*, then under the editorship of Mr. Alan Leo, the data being afforded by Dr. Baldwin of Birmingham. In every case of abnormality I was able to point out wherein the abnormality consisted, and to determine the sex of the birth. These cases are on record and

admit of no doubt whatsoever, although the results have since been referred to the use of a psychic faculty – whatever that may mean where mathematics are concerned – and the last person in the world to make this suggestion was the one who made it!

Refrantion. – When two planets are applying to an aspect of one another, but before completing the exact aspect one turns retrograde, it is said to refrain, and the process is called refrantion. It signifies that the promised effects will not come to pass.

Religion. – There can be no certain judgment made from a horoscope as to the nature and degree of illumination which proceeds from a spiritual source. Religion is not a man-made institution, but an inherent aspiration of the soul; and that it is capable of transcending all external interests and affections is sufficiently proved by the fact that it is common to all sorts and conditions of men, irrespective of their worldly or intellectual possessions or attainments. Astrologers who say that Saturn or Mars in the 9th House produces an atheist are merely theorizing. The 9th House certainly has relation to other-world influences, to all teleological subjects, as well as to long voyages and foreign lands, the spiritual being here reflected in the natural, religion and emigration being but internal and external expressions of the same 'reaching out' instinct of the soul. The mental qualities conferred by Saturn tend to fixity and seriousness of belief and hence contribute to true devotion. But the privative nature of Saturn may well denude a man of the fruits of religion while not affecting its sincerity. Indeed it is possible that with Saturn in the 9th House a man may be called upon to suffer for his beliefs. Mars in the 9th House disposes to a frankness and freedom of thought and expression which may well lead to the conclusion that he is atheistical, whereas in truth he is merely unorthodox and more daring in the expression of his views than others.

Jupiter is more likely to give a full measure of the fruits of religion, and not infrequently is strongly in evidence among the clergy, and those who have attained to the dignities and emoluments of orthodox religious service. Goethe the poet had Venus in the 9th House, and I have somewhere read that he affirmed that if his life were as beautiful as his dreams he would be the happiest man alive. A measure of changeability and inconstancy arising from a fanciful mind and unusual flexibility, may be observed when the Moon dominated the 9th House, while Mercury therein undoubtedly makes men inquisitive when not inquiring concerning religious matters. All these characteristics are pertinent to the mental expression of the religious instinct, and cannot in any true sense be applied to the quality of the faith that is in a man. If religion is to be regarded as due to the horoscopical conditions of birth, we must conclude that a man is nothing more than a by-product of his physical environment – a creed that is as contrary to the facts of experience as it is damnable in its effects upon human character and aspiration.

Since the discovery of the planets Uranus, Neptune and Pluto, new conceptions of a religious nature have manifested for Uranus ruling the scientific and occult sides of life have brought much more knowledge regarding little known Laws of Nature and of natural phenomena. Uranus also rules astrology and the broader knowledge gained through the actual study of astrology and the application of Astrological Laws to human life has increased Man's knowledge of hidden things very considerably but has also caused him to depart from some of the orthodox conceptions of religion.

Neptune took the unorthodox line of thought considerably further for it intensified knowledge of Psychic Laws and assisted in the developing of psychic phenomena with its greater proof of survival after the death of the physical body. The study and investigation of the theory of reincarnation was also carried a great deal further through hypnotic experiments.

The advent of Pluto in some respects instead of strengthening religious ties and beliefs has seemed to weaken what may be termed the 'collective' spirit of religion and worship, even though the individual concept of spiritual conditions remains marked.

Retrograde. – When a planet appears to move backward in the zodiac against the order of the signs, it is called 'retrograde'. In Astrology it is considered as a debility, and it is my personal experience that aspects, whether radical or directional, that are thrown to a retrograde planet rob that promittor of its efficacy, all that it promises falling short of end. All the planets are retrograde at certain parts of their orbit, the superior planets being overtaken by the Earth after their opposition to the Sun, when of course they appear to recede in longitude and go back against the order of the signs. The inferior planets are retrograde when they pass from their extreme elongation East, to their inferior conjunction with the Sun. (*See* 'Stationary'.)

Revolutions. – The time in which a planet revolves about the Sun is its heliocentric revolution, and that about the Earth is its geocentric revolution. Astrologically, the term is applied to a horoscope set for the exact moment of time that the Sun returns to its own place, i.e. the longitude it held at birth. The positions and aspects of the planets in that figure, and especially the aspects thrown to the Sun, are used as pointers in regard to the course of events during the succeeding year of life, and transits of the planets over these places are used to time events thus indicated. Some practitioners erect a horoscope for the same time of a day as that at which the birth occurred, counting 365 revolutions of the Earth on its axis as a full year. Thus if the person were born on the 2nd June at two o'clock in the afternoon, a horoscope for each succeeding year at two o'clock on the same date would be regarded as the revolutionary horoscope. All the planets have a revolution, and their returns to their radical

longitudes should be noted, for it is known that each planet has some share in our natures and inclinations, and its return to its radical place may arouse in us that principle to which it corresponds, its action being in terms of its aspects at the moment of its complete revolution. The transit of the Sun over the places of the planets in the revolutional figure should be noted, together with the House in which the transit falls, as it has been frequently observed these dates correspond with important events.

Riches. – The indications of wealth are Jupiter rising or in the Mid-heaven, well aspected, or itself in good aspect or conjunction with the Sun or Moon. Thus a person in whose horoscope Jupiter was conjoined with the Moon in the sign Scorpio, in the 4th House, amassed some wealth by dealings in chemicals (Scorpio), and property or real estate (4th House). Saturn gives riches, when in good aspect to the Significators, by investments and time contracts. Mars by military prowess and enterprise, pioneer work, excavation, development, etc., and by dealing in iron and steel. Venus through arts and social accomplishments, public recreations, theatres, music, singing, and the drama. Mercury through letters and literature generally, and by trade and mercantile pursuits. Uranus brings emoluments from public and civic offices, Government appointments, public representation, and also by dealing in electrical and engineering affairs. Much depends on the signs occupied by these planets. For instance, Mercury in Sagittarius would dispose to gain from publishing and foreign affairs. But chiefly I should look to the signs occupied by Jupiter and Fortuna, and judge accordingly. Saturn in good aspect to Jupiter confers an inheritance, and Uranus in good aspect to Jupiter shows a legacy or reversion. The Moon with Jupiter in quadrature to the Sun will produce great possessions of estate, but there will be danger of losing it by extravagance. Always we should have regard to the rising or setting of the majority of planets, for if

there be an arc of planets rising between the Nadir and the Mid-heaven, then the outcome of the ambitious and aspirations of the subject, which will be keen, can be judged by that planet which heads the arc of ascending bodies, namely, that which is in or nearest the Mid-heaven. Its condition and aspects will determine whether the efforts will be crowned with success or not. There is no simpler rule nor more infallible than this. Similarly, when the arc of planets is descending between the Mid-heaven and the Nadir, then we have to regard that planet which is nearest to the Nadir, and if well placed and aspected – especially if a benefic – it shows success late in life, and the eventual overcoming of all obstacles and difficulties with a degree of affluence commensurate to the state of life. The luminaries being angular and either conjoined or in good aspect, and one of them in good aspect of Jupiter, the person is usually wealthy from birth, that is, he is born into a rich family.

The planets Neptune and Pluto both exercise contrary vibrations but when in good aspect to Jupiter, especially should Jupiter be in the 2nd House of the horoscope, there can be a spectacular gaining of money, sometimes by speculation or investment and sometimes by the person's capacity to seize quickly at the opportunity of the moment as it were for the developing of plans and interests from which considerable benefit can be derived. Even when Neptune is in unfavourable aspect to Jupiter the latter planet will often bring wealth but the influence of Neptune signifies that it could be by devious or dishonest means with subsequent loss as a result of being exposed. Pluto, when in good aspect with Jupiter, also brings benefits, often in an unforeseen manner and sometimes through conditions that at first seem to be catastrophic but when adversely influencing Jupiter can, on the reverse angle as it were, show a loss of existing wealth or fortune through some form of catastrophe and very often this can occur late in life when there is not much time left to overcome the effects of the catastrophe.

Rigel. – Orion's Foot. (*See* 'Orion'.)

Right Ascension. – The distance from the equinox measured on the equatorial circle. This measure can either be in hours and minutes, or in degrees and minutes. The circle thus corresponds either to 24 hours or to 360°. The R.A. of a body having latitude will differ from the R.A. of the longitude it holds. This difference will be due to the fact that the orbit of the planet and the ecliptic do not lie in the same plane, or in planes that are parallel. (*See* Appendix.)

Right Distance. – The distance of one point from any other in Right Ascension.

Right Sphere. – A sphere in which all equatorial parallels are at right angles to the horizon. Such a sphere has the Equator for prime vertical and the poles for horizon. The days and nights are, of course, always of equal duration. Any place on the Equator has a zenith in a Right Sphere.

Ruminant Signs. – These are Aries, Taurus, and Capricorn, the animals denoted by these signs being such as chew the cud.

Sagittarius. – The 9th sign of the zodiac. The centaur or Archer. Sometimes called the 'Prophetic Sign' owing to the teleological tendency of its subjects.

Satellites. – Planets or moons revolving about another. The Moon is a satellite of the Earth, and both are thus satellites of the Sun according to the Newtonian principle. In Astrology it is used in its original sense to signify any planets that are attendant on either the Sun or Moon. The whole group of bodies is then spoken of as a satellitium. To be a satellite in the astrological sense it is necessary that the planet should be in the same sign as the luminary.

Saturn. – (*See* 'Planets'.)

Scales. – The sign Libra. Also spoken of the constellation

of that name. There are two large stars in this constellation which is closed in between the constellations of Virgo and Scorpio. The star in the Northern Scale is of the second magnitude, and holds the 17th degree of the sign Scorpio. That in the Southern Scale is said to be of a violent and unfortunate nature. It holds the 13th degree of the sign Scorpio. The Northern star on the other hand is held to be of a fortunate nature.

Anciently there were but ten signs of the zodiac, and ten constellations, as is evident from the fact that the Scales have been interpolated and holds but two stars, one of which is on the ecliptic exactly, and the other in the fulcrum of the balance. There is a tradition that Virgo-Scorpio was divided by the insertion of Libra at the time of the separation of the sexes. There is some record of such a transition in the evolutionary scheme in Gen. i, where it is said: 'Male and female created He them and called their name Adam, in the day that they were created.' The permanent distinction of the sexes which followed after the 'deep sleep' occurred at a later period. The theory has some support from biologists of distinction.

Scheme. – A figure of the heavens, either at birth or at a time of election or horary question.

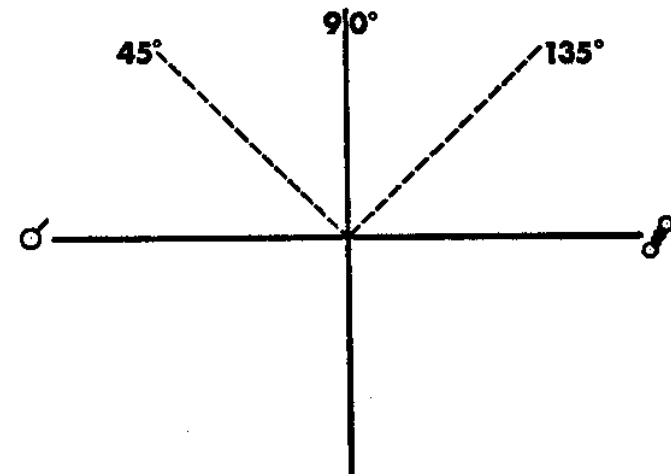
Scorpio. – (*See* 'Signs of Zodiac'.)

Scorpion's Heart. – Cor Scorpii, or Antares, a name which means Pro-Mars, or Mars' deputy. It is in the 10th degree of Sagittarius and has a very violent nature. It is said that the axis of the solar system was in line with this star at the outbreak of the Great War of 1914-18. The equinoxes would thus be in the 10th degree of the constellations Pisces and Virgo.

Secondary Directions. – The daily configurations of the Sun, Moon and planets that occur after birth, the measure of time being 1 year for every such day after birth, or one month

for every two hours. Most advocates of the Primary Directions of Ptolemy and Placidus have acknowledged that these influences have a retarding or accelerating effect on the Primaries, which is as much as to say that the latter cannot be relied upon as to time, and that what they signify in a general manner is brought into point and effect by the Secondary Directions. Hence we find that discriminating authors among the Arabs and Egyptians have solely relied on these Secondary or Diurnal Directions. In general it is held that directions act in terms of the radix, that is, if the nativity is unfortunate no good direction will have the same efficacy as a bad one, and vice versa where the nativity is fortunate. The accidental good cannot overcome the radical evil. Hence has arisen the system known as the Radix System, which refers all directions to the radical places of the planets. The Mid-heaven is moved forward at a mean rate of diurnal progress, namely, $59' 8''$, and the Ascendant is brought up by Oblique Ascension under the latitude, as shown in the Tables of Houses for the place of birth. The Sun is also moved forward in the zodiac at its mean rate of $59' 8''$, and so are all the planets. Thus all the bodies, while moving forward in the heavens, preserve their radical relationships, and at the same time form aspects to the radical places of the Significators, while the latter form aspects to the radical places of the Promittors. Thus simultaneously the arcs are equated to the mean motion of the heavens, the radical relations of the celestial bodies are preserved, and the radical significance of a planet remains undisturbed. By this method many events for which neither Primary nor Secondary Directions could be obtained have been clearly indicated and predicted. The method is worth the close attention of all students. (*See also* 'Progress', 'Procession', 'Ingress' and 'Transit'.) All planets act from the sign and House which they have attained by direction, but when their radical places are directed to they act in terms of their radical positions. In both cases they act always in terms of their own natures, and not otherwise.

Semi-arc. — Half an arc, or the time that a planet takes to come from the horizon to the Mid-heaven, or from the Mid-heaven to the horizon. This is the Diurnal Semi-arc. The opposite of this, namely, from the horizon to the Nadir or from the Nadir to the horizon, is the Nocturnal Semi-arc. It may be expressed in degrees and minutes of a circle, or in hours and minutes. By subtracting the Diurnal from 180° we have the Nocturnal and vice versa.



Semi-square. — An aspect invented by Kepler who observed its effects to be malefic. An angle of 45° , measured either in *mundo* by Right Ascension, or in the zodiac by longitude. In astrological practice it is found that the trine of 120° and its half or sextile of 60° are benefic and harmonizing, while the square and its half or semi-square of 45° are malefic or destructive. Similarly the sesquare of 135° , being 45° from the opposition aspect is of a malefic nature. Thus any body acting at an angle of 45° or 90° upon a plane or line will produce poisonous and discordant effects. The aspects are here shown in diagram.

Semi-quintile. – Half the quintile aspect of 72° , or an angle of 36° , one-fifth of the whole Diurnal or Nocturnal Arc. It was introduced by Kepler who believed it to have good influence. The Biquintile or 144° is the opposite aspect to the Semi-quintile, and both appear to have a harmonizing effect.

Semi-sextile. – Half the sextile of 60° , or 30° . One-twelfth of the circle, or one-sixth of the Diurnal or Nocturnal Arc. The Quincunx, or 150° , is its opposition aspect and both these appear to have benefic effects.

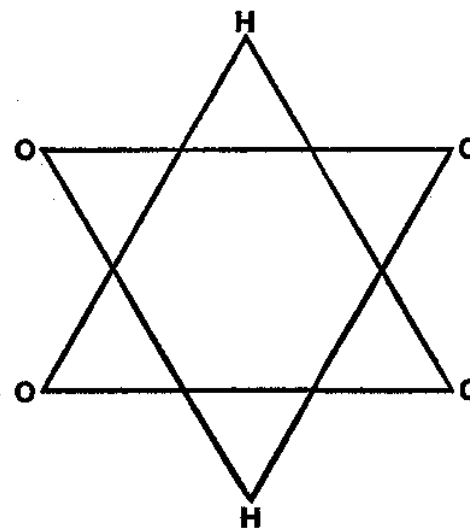
Separation. – When two bodies have been in exact aspect, and one by its swifter motion moves away from that aspect, it is said to separate from the other. Also when one of the two bodies in aspect turns retrograde. A double or mutual separation is effected when both the bodies turn retrograde. In Horary Astrology these several relations have distinct significations. In the first case, where a body separates by swifter motion, both being direct, the party represented by the planet which separates from the other, will decline the proposition, back out of the agreement, or annul the contract, as the case may be. When one turns retrograde the party signified by that planet will fail in his agreement or contract. When both are retrograde, there will be mutual separation or annulment. I have noticed similar effects in nativities, both in regard to agreements and projects, and in regard to marriage.

Servants. – These are judged from the 6th House. (See 'Houses'.) Servants are accessories to the personal comfort of the querent or subject, and as such they form part of his immediate environment. The fortunes of the subject in regard to servants may be judged from the planets in the 6th House, and the aspects to the ruler of the 6th House. Planets therein, either afflicted or themselves afflicting the Significators, show either disability and sickness among servants, or

much trouble arising through their malice. Ptolemy, who judged of this matter from the 12th House, lived in the days when slavery was in vogue, and servants were bondmen and bondwomen, virtually prisoners, for life or until sold or given their freedom for special services rendered to the master of the house or the family. The relations between employers and employed are today revolutionized, servants enjoying as much freedom under the law as their mistresses and masters. We now find that the question is better judged from the condition of the 6th House.

Sesquiquadrate. – Briefly, the sesquare aspect of 135° . It was introduced by Kepler, and both by him and others since has been recognized as of malefic tendency. Its opposition aspect is the semi-square or 45° .

Sesquiquintile. – The sesquintile aspect of 108° , founded on the quintile of 72° . The semiquintile is 36° and three of such aspects make 108° . It is said to be benefic in tendency.



Sexagenary. – Tables prepared for the purpose of showing proportional parts of the number 60, giving the product of two sexagenary numbers multiplied, or the quotient of two such when divided.

Sextile. – The aspect of 60° or half the trine aspect of 120°. It is universally accounted a benefic aspect and a great solvent of all troubles. Water crystallizes at an angle of 60° and is a universal solvent, entering into more combinations than any known element, and the chief coagulate of Nature. It is represented by the interlaced triangles shown on page 117.

And from this we have the formula H₂O for water. Thales was of the opinion that the world was made from water, and he has the support of the most ancient tradition as well as the consent of many scientists of modern times.

Significator. – A term applied to the Sun, Moon, Ascendant and Mid-heaven of the horoscope of birth. The Sun and Mid-heaven have affinity in that they signify the honour, credit and standing of the Subject of the horoscope, and the surviving male head of the family. The Moon and Ascendant have affinity in representing the personal fortunes, changes and accidents of life. Any planet may be a Significator in a specific sense, inasmuch as it has chief control in some sphere of activity, and generally is regarded in connection with the House it occupies at birth. In a general sense Venus is significator of love affairs, the social arts and accomplishments; Mercury of learning, intellectual attainments, or business faculty; Jupiter of wealth and increase, emoluments and gain; Saturn of disease, loss, death and decay; Mars of strifes and contentions, enterprises and risks. But when we speak of *the* Significators we always mean the four chief, namely, Sun, Moon, Mid-heaven and Ascendant, to which many astrologers add Fortuna. But in adding Fortuna they should also include the other Arabic Points due

to the other planets. The four first-named are true Significators, the others are symbols derived from the general signification of the relations of the planets with the Sun at birth. I would advise the free use of all Significators in the process of directing for events, as experience is the best possible instructor and infinitely to be preferred to the prejudice of those who reject these pointers without examination. In general practice we refer to the Significators in distinction from the Promissors.

Signs. – The Signs of the zodiac are probably too well known to need citation here, but the following various distinctions should be noted.

Positive Signs. – Aries, Gemini, Leo, Libra, Sagittarius, Aquarius.

Negative Signs. – Taurus, Cancer, Virgo, Scorpio, Capricornus, Pisces.

CONSTITUTIONS

Acute or Cardinal. – Aries, Cancer, Libra, Capricorn.

Grave or Fixed. – Taurus, Leo, Scorpio, Aquarius.

Flexed or Common. – Gemini, Virgo, Sagittarius, Pisces.

ELEMENTS

Fire. – Aries, Leo, Sagittarius.

Earth. – Taurus, Virgo, Capricorn.

Air. – Gemini, Libra, Aquarius.

Water. – Cancer, Scorpio, Pisces.

PRINCIPLES

Spirit. – Leo, Sagittarius, Aries.

Mind. – Aquarius, Gemini, Libra.

Soul. – Scorpio, Pisces, Cancer.

Body. – Taurus, Virgo, Capricorn.

These several ascriptions are sufficiently obvious to need

no comment. The ancients were very diffuse in their information concerning the signs, their natures, properties, dominions, etc., but co-ordination and a thorough knowledge of astrological analysis will take a student very much further on the road to successful diagnosis and judgment than anything else. For this purpose the above simple allocation of the signs will prove of the greatest value.

PHYSICAL PARTS

Aries rules the encephalon or skull and its contents. Upper teeth.

Taurus rules the ears, Eustachian tubes, neck and throat, the lower teeth, and cervical vertebrae.

Gemini rules the lungs and the arms, clavicles, and upper dorsal nerves.

Cancer rules the breast, and the stomach, and the semi-lunar ganglion.

Leo rules the back and the heart, the dorsal nerves, and the solar plexus.

Virgo rules the uterus or womb, the bowels, the lower dorsal nerves.

Libra rules the Fallopian tubes, ovaries, reins, loins, lumbar nerves, kidneys.

Scorpio rules the excretory system, the lower excretory bowels, appendix, anus, urethra, penis and scrotum, os coccyx and sacral plexus.

Sagittarius rules the hams and thighs, the sciatic nerves.

Capricornus rules the knees, the patella.

Aquarius rules the lower limbs from the knee to the ankle, the tibia.

Pisces rules the feet from the ankle downwards to the extremities.

There is an affinity between opposite signs due to polarity or 'reflection'. The same applies to the quadratures. Hence the *Fixed Signs* denote the heart, throat, blood and excretory system; the *Common Signs* denote the lungs, bowels and nerves;

and the *Cardinal Signs* denote the head, kidneys, stomach and skin.

The places of the malefics in the horoscope will point out the weak parts of the constitution, Mars being responsible for fevers and inflammatory action, Saturn for debility and morbid conditions generally. Uranus shows fractures. Neptune indicates neurosis or anaemia, nervous depletion or catalysm. Venus shows poisoning. Mercury acts according to the sign he is in, and also shows salivation. Jupiter when in bad aspect has the malefic effect of producing congestion, undue blood pressure and apoplectic conditions. Pluto will bring a susceptibility to illnesses caused by radiation, leading to wasting, or to a destroying of the red corpuscles in the blood or to ailments caused through activities connected with the atom bomb, nuclear processes or space-travel research.

Signs, Light and Dark. - The first half of all positive signs being under the dominion of the Sun, denotes light complexions. The latter half of the same signs shows dark complexions. Similarly the first half of negative signs are under the Moon and show dark complexions, while the latter half being under the Sun indicate light complexions. The complexion is usually judged by the eyes and skin, the hair being subject to fashionable modification of tint. The signs of the zodiac have been identified with the Tribes of Israel in the order given in the last prophetic blessing of Jacob, thus:

Taurus - 'Reuben, thou art my first-born.' This sign was at that period the first of the signs of the zodiac, Taurus then corresponding with the equinox.

Gemini - 'Simeon and Levi are a twin. Instruments of cruelty are in their hands.' The signs Gemini and Cancer are here involved, the former being the Gog and Magog carrying the spear and the club, and the latter (Cancer) being identified with the Levitical order of Priesthood.

Judah - 'Judah is a Lion's whelp.' The statement that 'a sceptre shall not depart from Judah, nor a lawgiver from

beneath his feet until Shiloh come' has reference to the fact that while Leo is on the Mid-heaven *Cepheus* the lawgiver is beneath his feet on the Nadir, and *Shuleh* is the star Cor Scorpii or Antares. When this star rises then Leo goes off the Mid-heaven.

Zebulon – 'Shall be for an haven of ships.' The sign Virgo is identified with *Argos* the ship.

Libra – Issachar is 'an ass crouching between two burdens'. The sign Libra represents the two scales or 'burdens' and in the matter of equity is 'A servant unto tribute'.

Scorpio – 'Dan is an adder or whipsnake in the path that biteth at the horse's heels.' This sign is identified with Serpentarius as also with the Dragon against whom St. George (Geo-urgon) waged war. George is Taurus, the 'earth-worker', or Geo-Urgon.

Sagittarius – 'Gad shall be overcome by a troop, but he shall overcome in the end.' The name Gad means Jupiter, which planet rules this sign.

Capricornus – 'The bread shall be fat out of Asher, and he shall yield royal delights.' This refers to Capricornus ruled by Saturn or Moloch. The Hebrew Melech-Odin refers to royal delights. Lit. 'The joys of Saturn.'

Aquarius – 'Naphtali is a spreading oak that yieldeth goodly branches.' The word 'imri' translated 'words' in the James Bible, is elsewhere translated 'rays' or 'branches'.

Pisces – 'Joseph is a fruitful bough whose branches overrun the wall.' The name Joseph means 'He shall gather together', or accumulate. The specific blessing conferred on Joseph, who was separated from his brethren, is singularly apposite to what we know of the nature and portent of this sign of the zodiac, Pisces.

Aries – 'Benjamin shall raven as a wolf.' Benjamin means 'son of my right hand'. The Law was represented by Judah, the regal sign Leo. Gad (Sagittarius) is the right hand (or son) of the Law, and Benjamin is the son of the Right Hand of the Law. Thus we have with Leo rising, Sagittarius on the

5th House of progeny, and with Sagittarius rising we have Aries on the 5th House. The three Spiritual signs are thus all involved.

Signs of Long Ascension. – In northern latitudes these are Cancer, Leo, Virgo, Libra, Scorpio and Sagittarius. They take longer to pass the horizon when rising than do the remainder of the signs.

Short Ascension. – Signs of Short Ascension in north latitudes are Capricorn, Aquarius, Pisces, Aries, Taurus and Gemini. In southern latitudes the signs of long and short ascension are reversed.

Signs of Voice. – The human signs Gemini, Virgo, Libra and Aquarius.

Sinister Aspects. – When the Significator or body aspected is on the Mid-heaven, all planets East of it throw sinister or left-hand aspects to it when in aspect at all. Wilson makes it exactly contrary and says that a planet in Aries will cast a sinister sextile to one in Gemini. It is just the reverse of this. The sinister sextile of Gemini is Leo, and the dexter sextile is Aries. It is merely a distinctive name for left-hand aspects whether benefic or otherwise, just as dexter is distinctive of aspects that are right-handed. Every student knows that if we face any sign, the preceding signs will be on the right hand, and the succeeding signs on the left. Wilson is often careless and inaccurate, and frequently shows by his interminable arguments that he has not studied his subject deeply.

Slow of Course. – When a planet moves slower in the zodiac than its mean motion, it is said to be slow of course. The Moon being slow of course is often considered to be retrograde, so far as its effects are concerned. It shows tardy progress, but does not debar from eventual attainment.

Sol. – A name for the Sun.

Solar Semicircle. – From Leo to Capricorn both inclusive. The Lunar semicircle is from Cancer to Sagittarius, both inclusive.

Southern Signs. – From Libra to Pisces, inclusive. They are also called 'obeying' signs, the other being elevated above them in the heavens, according to declination.

Speaking Signs. – (See 'Signs of Voice'.)

Speculum. – A table comprising the astronomical elements of a horoscope, showing the planets' latitude, declination, Right Ascension, Ascensional Difference, Pole and Semi-arc. It is used in the practice of directing (see 'Directions') according to the method of Ptolemy. Although of immense interest and greatly educative in an astronomical sense, it is a question whether Primary Directions of this order pay for the labour they entail. Secondary Directions are far more easily calculated and have a fuller significance than the Primary so-called, while it is well known that they are used for timing the latter, as all authors agree. Hence they are rather worthy of the name of Primary than those called by that name. All the Primary arcs which can be formed between the bodies in a lifetime are formed during some six hours after birth, and they are produced solely by the rotation of the Earth on its axis, the planets retaining their radical places and thus being carried round the heavens to form aspects to the places of the Significators. Speculums vary in their elements, and some contain only the R.A., declination, meridian distance and semi-arcs of the planets and luminaries. Except for its educative value I consider the process a waste of time and energy as the same results can be come by with far less labour and in less time. (See 'Directions'.)

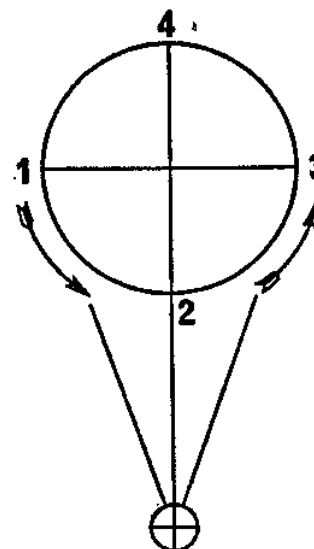
Sphere. – A globe. Used also to indicate the orbit of a planet.

Spica Virginis. – The star Arista in the 21st degree of

Libra. Its nature is benefic and of the nature of Venus. It is said to be the most fortunate of all the stars, and is a happy augury when rising or on the Mid-heaven.

Square. – The quadrature or quartile aspect of 90° . The space of three whole signs of the zodiac.

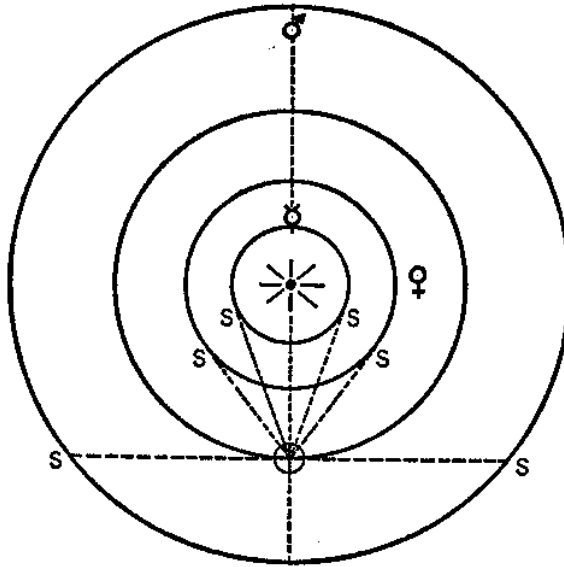
Stations. – There are four stations of the planets. The first is that place in its orbit where it becomes retrograde. The



second station is when they have come to the perigee or nearest distance from the Earth. The third when they become direct again. The fourth when they are in their apogee. The following sketch will explain.

Stationary. – A planet appears to be stationary in that part of its orbit where it changes from direct to retrograde or from retrograde to direct. This point in the orbit is called the 'station'. The Sun and Moon never appear stationary. Pluto is stationary for 9 days, Neptune for 8, Uranus for 7,

Saturn for 5, Jupiter 4, Mars 3, Venus 2, Mercury 1. The diagram will show the parts of the orbit where the planet is stationary = S.



Stellium or Satellitium. – A crowd of planets in an angle or about the places of a Significator. Persons in such case enjoy great changes of fortune, many directions for good being formed at about the same time, and others for evil at the same time, so that their fortunes come in great patches, and heavy falls will be succeeded in due course by great rises and vice versa. They usually have many acquaintances and but few real friends. Of course much depends on the radical condition of the planets thus congregated, as well as the sign they are in, but in any case it is hardly likely they can fail of considerable recognition at certain periods of their lives due to directional concatenation.

Strength. – The strength of a planet is either accidental or essential. Planets in angles are accidentally dignified, and

therefore strong. Others again may gain their strength from being in congenial signs. (See 'Exaltations', 'Houses', 'Dignities'.)

Strong Signs. – These are the Fixed signs, otherwise called Foundation signs. They give strength of character, fixity of purpose, and general strength of constitution.

Succeedant. – Houses that follow next after the four angles or cardinal Houses are called Succeedant. Planets therein are as if in Fixed signs and gain much strength thereby, but are not conducive to the same degree of publicity as when in the angles. The 11th, 5th, 2nd, and 8th Houses are Succeedant.

Sun. – See 'Planets'.

Superior. – The superior planets are those that have larger orbits than the Earth, namely, Mars, Jupiter, Saturn, Uranus, Neptune and Pluto. Their motions being slower in proportion to their distances from the Sun, their effects are more considerable than those of Venus and Mercury.

Sweet Signs. – These are the intellectual or airy signs of the human type, namely, Gemini, Libra and Aquarius. They are said to produce kindly natures and sweet dispositions.

Swift. – Planets that are moving more than their mean motion are called 'swift' in motion.

Sympathetic Signs. – Signs that are in trine or sextile to one another. It will be observed that Aries, a fiery sign, is in sextile aspect to Gemini and Aquarius, both aerial signs. Fire is dependent on air for its food, as without air fire is immediately extinguished. Taurus, an earthy sign, is in sextile to Pisces and Cancer, both watery signs. The Earth is dependent on water for its nourishment, and without it is barren and sterile. This beautiful arrangement of the signs of the zodiac is expressive of the fundamental facts of Nature. All signs of the same element are in trine aspect to one another. Persons born under signs that are sextile or trine to

one another have tastes and inclinations that are either identical or complementary.

Sympathy between individuals may arise from other causes, as for instance, by coincidence of the luminaries in their respective horoscopes, the Sun in one being in the same longitude as the Moon in the other. Also when the luminaries are in mutual good aspect, that is, the Moon in one in trine or sextile to the Sun in the other horoscope. Attraction between the sexes is signified when Mars in one horoscope is in conjunction or aspect to Venus in the other; or when the Sun in a female horoscope is on the place of Mars in the male horoscope. But these attractions are not enduring except there be other signs of radical rapport and sympathy, when strong friendship may supplement the sex attraction. Jupiter on the place of the Moon, Sun, or Ascendant in another horoscope is a sign of Sympathy, and he whose Jupiter it is will confer benefits on the other. Venus similarly on the place of any Significator in another horoscope is beneficial and leads to friendly relations should such persons meet. In general it may be said that antipathy results from opposition of ascendants or the luminaries in mutual bad aspect in two horoscopes, or Saturn, or other malefic planets occupying the Ascendant or afflicting the luminaries in the horoscope of another. The aspect of the luminaries in two horoscopes is the chief indication of either friendship or enmity, in general. But particular evils or favours arise from the coincident positions of the benefics or malefics with the Significators in another horoscope.

Synodical. – See 'Lunations'.

Syzyges. – The conjunction or opposition of the luminaries or indeed of any two celestial bodies but chiefly used in connection with the luminaries.

Tables of Houses. – These are Tables showing the degrees of the various signs of the zodiac occupying the cusps of the several Houses in any latitude under a given meridian of

Right Ascension or Sidereal Time. A complete set from latitude 21° upwards to 56° North or South, was published by Dalton in 1913. Another set from the Equator to 50° North was published by Foulsham in 1920. Raphael's compendium of Tables for various important centres in northern latitudes from about 50° North upwards to 59° have been in circulation for some time past.

Taurus. – See 'Signs'.

Temperament. – See 'Mental Qualities', 'Mind', 'Signs', etc.

Temporal Hours. – See 'Hours', 'Planetary Hours', 'Horary Times'.

Term. – The terms of the planets are certain parts of the signs which are said to be ruled by the several planets, and which modify the action of a planet, so that it is said to act in 'terms' of such as rules that part of the zodiac. Thus a malefic planet in the terms of either Jupiter or Venus would be held to lose much of its malefic nature. The idea is an ancient one, and is referred to by Ptolemy, two distinct sets of 'terms', one Chaldean, and the other Egyptian, being given by him. The basis of the scheme in both systems is that the five planets hold rule in succession, the Sun and Moon being omitted as neutral or passive in this matter. Those planets that have dignities in the sign, by exaltation, triplicity or dominion, have first place; then such as have one dignity only; in either case the malefics are last served. Thus in the case of the sign Aries, Jupiter has dignity by triplicity (since it rules Sagittarius). Venus has no dignities therein by exaltation, triplicity or dominion, and therefore comes next to Jupiter, being itself a benefic. Then Mercury, although having no dignities, is neutral in nature, neither benefic nor malefic, and so comes next. Mars, which has dignity by dominion (since it rules Aries), takes precedence of Saturn, and so follows after Mercury. Saturn, having no dignities at all in this sign, comes last. The number of degrees ruled by each

planet is controlled by the number and strength of its dignities in the sign. The basis of estimate is of course a mean number of 6°, such as having dominion gaining 2°, exaltation 1, triplicity 1. These added degrees are then deducted from the degrees of the malefics. Thus, in Aries, Jupiter has 6 plus 1 for triplicity, making 7 in all; the 1 is deducted from Saturn, making 5 for that planet. Venus has 6, Mercury 6, Mars 8 (2 being added for dominion in Aries), which comes off Saturn, thus leaving Saturn with 3. We then have Jupiter 7, Venus 6, Mercury 6, Mars 8, Saturn 3, making 30 in all. The other signs are thus similarly dealt with. Ptolemy gives the rule but does not carry it out in his own Table and gives no reason for the variation from rule. He objects to the Egyptian Table as being devoid of any fixed rule, but for the same reason we must object to Ptolemy's own Table as given by him. The valuation here given has immediate respect to the relative strengths of the planets in each sign. I have no reason for placing the malefic planets at the ends of the various signs, except that it responds to traditional order, things being originally good in their beginnings. 'Then the Sons of Mind arose, knowing good from evil,' and then wickedness arose in the world. The Table is useful as showing at a glance the relative strength of the planets in the several signs.

These values are, of course, quite problematical, and may not include all the sympathies that the respective planets have with the signs, but doubtless they will be found more nearly correct than either of the Tables usually published under this head.

♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
2 7	♀ 8	♁ 8	2 8	♀ 6	♁ 8	2 6	♁ 7	♁ 6	2 6	♀ 7	♁ 6
♀ 6	♁ 7	2 6	♀ 7	♁ 6	2 6	♀ 8	♁ 6	2 8	♀ 7	♁ 7	2 8
♁ 6	2 6	♀ 7	♁ 6	2 7	♀ 7	♁ 7	2 7	♀ 6	♁ 7	2 6	♀ 7
♁ 8	♁ 7	♁ 6	♁ 7	♁ 7	♁ 7	♁ 2	♁ 2	♁ 7	♁ 8	♁ 2	♁ 2
♁ 3	♁ 2	♁ 3	♁ 2	♁ 4	♁ 2	♁ 7	♁ 8	♁ 3	♁ 2	♁ 8	♁ 7

Terminus Vitae. – The end of life, a grand climacteric which bears a certain mathematical relation to the length of life, and is indicated by the current directions.

Testimony. – A term used by Ptolemy in place of the word 'argument'. Testimony is given towards a verdict by aspect or position of a planet as regards a Significator. Thus if the Significator is the Sun, and in square to Mars, there is danger of a violent end, and if Saturn or Uranus add their testimony by disposing of the Sun, or by evil aspect to the Sun at the same time, then the verdict is unequivocal.

Tetragonous. – Relating to the square aspect.

Thema Coeli. – The figure of the heavens.

Thrones. – Any part of a sign in which a planet has more than one dignity. A term not now used in Astrology.

Time. – (See 'Equation', 'Horary', etc.)

Time Differences. – At the present moment Time, throughout the world, is calculated from Greenwich. Places to the WEST of Greenwich or in WEST LONGITUDE are *Slow* of Greenwich, the time they use being *earlier* than that of Greenwich, whilst places in EAST LONGITUDE are *Fast* of Greenwich, the time they use being *later* than that of Greenwich.

For particular countries or parts of countries Times are now in force which are termed ZONE TIMES. Thus the whole of Great Britain, comprising England, Scotland and Wales, together with Ireland, all use Greenwich Time. London, Liverpool, Glasgow and Belfast will all be six o'clock, by the clock, at the same moment. France and Belgium amongst other places, under normal circumstances, also use Greenwich Mean Time, abbreviated G.M.T. In America, Africa and India, owing to the size of those countries, Zone Times are in force for various areas. Thus in the U.S.A. all places located between 62½ and 87½ degrees West Longitude are

NEW DICTIONARY OF ASTROLOGY

5 hours slow of Greenwich, all places between $82\frac{1}{2}$ and $97\frac{1}{2}$ degrees West Longitude are 6 hours slow of Greenwich, and so on. The same principle applies to the various parts of Canada. With Africa, Somaliland is 3 hours *Fast* of Greenwich, British East Africa is 2 hours 30 minutes *Fast* of Greenwich, and so on.

THE LIST OF CHIEF ZONE OR STANDARD TIMES
IS AS FOLLOWS:

Africa	ZONE OR STANDARD TIME		Date Adopted
	<i>Fast (+) or Slow (-) of Greenwich</i>	<i>h. m. s.</i>	
British East	+ 2 30 0		Since 1918.
Cape Verde Islands	- 2 0 0		Since 1918.
Egypt	+ 2 0 0		1/10/1900.
French Equatorial, Belgian Congo, Cameroons, Nigeria, Portuguese West Africa, South West Africa..	+ 1 0 0		Since 1918.
Portuguese East Africa	+ 2 0 0		1/3/1903.
Union of South Africa, Natal ..	+ 2 0 0		1/9/1895.
Orange River Colony, Transvaal ..	+ 2 0 0		1/10/1903.
Rhodesia, Cape Colony	+ 2 0 0		1903.
Gold Coast, Ivory Coast, Gambia, Dahomey	G.M.T.		Since 1918.
Liberia, Senegal, Sierra Leone ..	- 1 0 0		-
Algeria	G.M.T.		11/3/1911.
Libya	+ 1 0 0		-
Morocco	G.M.T.		Since 1918.
Madagascar	+ 3 0 0		Since 1918.
Somaliland	+ 3 0 0		Since 1918.

In places such as Abyssinia where no definite Time has been arranged the LOCAL MEAN TIME OF THE CAPITAL should be taken for the whole of the country and the True Local Mean Time of the actual place computed from this.

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ZONE OR STANDARD TIME

America - North	<i>Fast (+) or Slow (-) of Greenwich</i>		Date Adopted
	<i>h. m. s.</i>		
Alaska	- 9 0 0		18/11/1883.
Canada, British Columbia	- 8 0 0		18/11/1883.
Mountain Zones, Alberta, Assiniboia, Athabasca	- 7 0 0		18/11/1883.
Central Zones, Keewatin, Manitoba, Ontario (W. of $82\frac{1}{2}^{\circ}$)	- 6 0 0		18/11/1883.
Quebec (W.), New Brunswick (W.), Ontario (E. of $82\frac{1}{2}^{\circ}$)..	- 5 0 0		18/11/1883.
New Brunswick (E.), Quebec (E.), Nova Scotia, Prince Edward Island	- 4 0 0		18/11/1883.
Newfoundland. L.T. of St. John's	- 3 30 44		-
Yukon	- 9 0 0		20/8/1900.
United States: Maine to South Carolina ($67\frac{1}{2}$ - $82\frac{1}{2}^{\circ}$).. ..	- 5 0 0		18/11/1883.
Dakota and Michigan to Texas and Florida ($82\frac{1}{2}$ - $97\frac{1}{2}^{\circ}$)	- 6 0 0		18/11/1883.
Montana to Arizona and New Mexico ($97\frac{1}{2}$ - $112\frac{1}{2}^{\circ}$)	- 7 0 0		18/11/1883.
Pacific Coast States and Nevada ($112\frac{1}{2}^{\circ}$ -W. Coast)	- 8 0 0		18/11/1883.
California	- 8 0 0		-
Mexico. L.T. of Mexico City	- 6 36 37		-
Honduras	- 6 0 0		-
Nicaragua. L.T. of Managua	- 5 45 10		-
Costa Rica. L.T. of San Jose	- 5 36 17		-
Panama. L.T. of Colon	- 5 19 39		After 1911.
Canal Zone	- 5 0 0		After 1911.
Cuba. L.T. of Havana	- 5 29 26		-
Bahama Islands	- 5 0 0		Since 1918.
Jamaica	- 5 0 0		Since 1918.
Guadeloupe, Leeward Islands	- 4 0 0		Since 1918.
Porto Rica	- 4 0 0		-

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ZONE OR STANDARD TIME

America - South		Fast (+) or Slow (-) of Greenwich			Date Adopted	
		h.	m.	s.		
Colombia. L.T. of Bogota	-	5	0	0	23/11/1914.
Venezuela	-	4	30	0	Since 1918.
Guiana	-	4	0	0	1/11/1911.
Ecuador. L.T. of Quito	-	5	14	7	-
Peru	-	5	0	0	Since 1918.
Brazil - West	-	5	0	0	11/1/1914.
Central	-	4	0	0	11/1/1914.
East	-	3	0	0	11/1/1914.
Uruguay	-	4	0	0	1/5/1920.
Chile (Except Valparaiso). L.T. of						
Santiago	-	4	42	46	1918.
Valparaiso	-	4	46	34	1/9/1918.
Chile (all, after 1/9/1918)	-	4	0	0	1/9/1918.
Argentina	-	4	0	0	1/5/1920.
Falkland Islands. L.T. of Port						
Stanley	-	3	51	26	-

ZONE OR STANDARD TIME

Asia		Fast (+) or Slow (-) of Greenwich			Date Adopted	
		h.	m.	s.		
Russia. L.T. of place for general						
purposes	+				-
Turkey	+	2	0	0	1/1/1916.
Arabia. L.T. of places for general						
purposes	+				-
Persia (or Iran). L.T. of places for						
general purposes	+				-
Aden	+	3	0	0	Since 1918.
Afghanistan. L.T. of places, general						
purposes	+				-
Baluchistan	+				-
Tibet	+				-

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ZONE OR STANDARD TIME

Asia—continued		Fast (+) or Slow (-) of Greenwich			Date Adopted	
		h.	m.	s.		
India (except Calcutta and Portu- guese India)	+	5	30	0	1/1/1906.
Calcutta (Local Time)	+	5	53	21	1/1/1906.
Portuguese India	+	5	0	0	1911.
Burma	+	6	30	0	1920.
Ceylon	+	5	30	0	Since 1918.
Federated Malay States	+	7	0	0	Since 1918.
Sumatra. L.T. of Padang	+	6	41	21	-
Straits Settlements	+	7	0	0	Since 1918.
Singapore	+	7	0	0	Since 1918.
Siam (or Thailand)	+	7	0	0	1/4/1920.
China - East Coast, Macao	+	8	0	0	January
						1903.
Hong Kong	+	8	0	0	October
						1904.
Port Arthur	+	8	0	0	-
French Indo-China	+	7	0	0	Since 1918.
Korea	+	9	0	0	1/12/1904.
Japan	+	9	0	0	1/1/1888.
Philippine Islands	+	8	0	0	11/5/1899.
Borneo	+	8	0	0	October
						1904.
Java. L.T. of Batavia	+	7	7	14	-

ZONE OR STANDARD TIME

Australasia		Fast (+) or Slow (-) of Greenwich			Date Adopted	
		h.	m.	s.		
Australia - West	+	8	0	0	1/2/1895.
South	+	9	30	0	1/2/1895.
Victoria, New South Wales	+	10	0	0	1/2/1895.
Queensland	+	10	0	0	1/6/1895.
Papua (or New Guinea)	+	10	0	0	After 1911.
Bismarck Archipelago	+	10	0	0	After 1911.
Caroline Islands. West of 154°	+	10	0	0	After 1911.
East of 154°	+	11	0	0	After 1911.

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ZONE OR STANDARD TIME

Australasia—continued	<i>Fast (+) or Slow (-) of Greenwich</i>			<i>Date Adopted</i>
	<i>h. m. s.</i>			
Fiji Islands	+12	0	0	Since 1918.
Marianne Islands (except Guam) ..	+10	0	0	After 1911.
Guam	+ 9	3	0	-
Marquesas Islands (Slow of Green- wich)	-10	0	0	Since 1918.
Marshal Islands	+11	0	0	Since 1918.
Samoa Islands	+12	0	0	After 1911.
Austral Archipelago (Slow)	-10	0	0	Since 1918.
Society Islands (Slow)	-10	0	0	Since 1918.
Timor, Portuguese	+ 8	0	0	Since 1918.
Tasmania	+10	0	0	1/2/1895.
New Zealand	+11	30	0	Since 1886.
New Zealand	+12	0	0	Since 1945.

For other places in this area take the Local Mean Time of the places concerned.

ZONE OR STANDARD TIME

Europe	<i>Fast (+) or Slow (-) of Greenwich</i>			<i>Date Adopted</i>
	<i>h. m. s.</i>			
England, Scotland, Wales	G.M.T.			1880.
Ireland. From 1880 to 1916. L.T. of Dublin	0	25	21	1880.
From 1/10/1916	G.M.T.			1/10/1916.
France	G.M.T.			11/3/1911.
Belgium	G.M.T.			May 1892.
Portugal	G.M.T.			After 1911.
Spain	G.M.T.			1/1/1901.
Gibraltar	G.M.T.			-
Austria-Hungary	+ 1	0	0	1/10/1891.
Czechoslovakia	+ 1	0	0	Since 1918.
Denmark	+ 1	0	0	1/1/1894.
Germany	+ 1	0	0	1/1/1893.
Italy	+ 1	0	0	1/11/1893.
Luxembourg	+ 1	0	0	1/12/1918.

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ZONE OR STANDARD TIME

Europe—continued	<i>Fast (+) or Slow (-) of Greenwich</i>			<i>Date Adopted</i>
	<i>h. m. s.</i>			
Sweden	+ 1	0	0	1/1/1900.
Switzerland	+ 1	0	0	1/6/1894.
Cyprus	+ 2	0	0	Since 1918.
Bulgaria	+ 2	0	0	Since 1918.
Finland	+ 2	0	0	1/1/1921.
Greece (L.T. Athens until 1916) ..	+ 1	34	53	1895.
From 28/7/1916	+ 2	0	0	28/7/1916.
Holland	+ 0	19	32	1/7/1937.
Holland	+ 1	0	0	14/5/1940.
Malta	+ 1	0	0	-
Monaco	G.M.T.			-
Norway	+ 1	0	0	1/1/1895.
Serbia	+ 1	0	0	1/10/1891.
Rumania	+ 2	0	0	Since 1918.
Russia (in Europe). West of 40° East	+ 2	0	0	1930.
40° to 52½° East	+ 3	0	0	1930.
East of 52½° East	+ 4	0	0	1930.
Iceland	- 1	0	0	Since 1919.
Poland	+ 2	0	0	16/9/1919.

From a general standpoint when there is any doubt, it is invariably best to take the Local Mean Time of the place concerned, or in small countries the Local Mean Time of the capital.

In using Time significations the following abbreviations are in force. G.M.T. (Greenwich Mean Time); Z.T. (Zone Time); S.T. (Standard Time); L.T. (Local Time); T.L.M.T. (True Local Mean Time).

All countries now invariably use the present Calendar which is termed the NEW STYLE (N.S.) but certain countries did not change from OLD STYLE (O.S.) to NEW STYLE until fairly recently. These are as follows:

- JAPAN, 1872; CHINA, 1912; BULGARIA, 1915;
- RUSSIA, 1917; YUGOSLAVIA AND RUMANIA, 1919.

The difference between the Styles is as follows:

Nineteenth Century, 12 days	Twentieth Century, 13 days
--------------------------------	-------------------------------

ADD the difference in days to Old Style to obtain New Style.
SUBTRACT the difference in days from New Style to obtain Old Style.

In 1916 a new Time innovation was commenced and termed **SUMMER TIME** in which the clocks were advanced **ONE HOUR** during certain periods of each year. Reference must be made to current almanack for the British Summer Time periods.

Trade. – The trade or profession to which the stars dispose, or that which appears on the evidence to offer the best chances of success in life. Ptolemy judges this from that star which rises next before the Sun. This rule I have frequently found to be very faulty, and not in line with the facts of the case, either in regard to the planet involved, or the sign in which it is placed. The 10th House, the sign thereon, and any planet that is in close aspect to the Moon appears to have greater indication of the nature of the work followed. There is very little doubt that a person can make good use of that planet which is in good aspect to the Moon, for even if the Moon be afflicted by an opposition, showing detriment to the progress and the fortunes, a planet that is in sextile to the afflicting planet is necessarily in trine to the Moon, and therefore is the co-ordinating factor. In practice it will be found convenient to take the majority of testimony from the nature of the signs occupied by those planets that favourably aspect the Moon, or any planet in the Mid-heaven. Some measure of inductive reasoning and a great deal of experience is necessary to form a correct judgment in regard to work or profession.

Transits. – The passage of a planet over the place or longitude of an important position in the Radix or horoscope

of direction. Gradial Transits are measured from the radical place to the place of direction and are increasingly long in duration according to the age of the person at the time of the transit. Planets that become stationary when in the act of transit over either terminal, that is, the radical or directional place of the Significator, have greater effect than those that are direct. Indeed they have all the power of directions. The ancients had only eclipses, transits, and New Moons from which to make their predictions. Systems of directing appeared during the present era only. Transits have to be judged according to their radical significance, for if a planet is square to the Moon at birth, its transit of sextile or trine to the Moon's place will not prove of any advantage. Its squares, opposition and even conjunction (if a malefic) will on the contrary affect the fortunes adversely.

Translation. – Translation of light occurs when a planet separates from the aspect or conjunction with a planet that is slower than itself and applies to the aspect of another. It then translates the light of the first planet to the next in order of aspect. Thus if two parties were engaged in a treaty or project, they would each have a Significator. Although these two Significators might not be in aspect to one another, any planet that translated the light of one to the other would effect a settlement or agreement. Much of course depends on the nature of the aspect by which translation is made, as to whether the result will be fortunate or not.

Travelling. – Planets occidental, cadent, and in flexed signs, show travelling. Voyages are indicated chiefly by directions formed from watery signs. The signs on the cusps of the 9th and 3rd Houses have also significance in this matter, together with any planets that are therein. If these be fortunate then the travelling will be prosperous, and benefic planets in the 9th show fortune in foreign lands; but malefics there, voyaging is not to be recommended. Planets in the 4th House well aspected, or benefics there in good aspect to the

Sun or Moon, it is better to remain in the land of birth. The Sun, Moon, or Mars cadent disposes to voyages. Fortuna in flexed signs shows foreign interests. Planets in fixed signs do not dispose to much travelling. The same when they are on angles.

Trigon. – See 'Triplicity'.

Trigonocrators. – Rulers of trigons. The Sun and Jupiter and Mars rule the fiery trigon; Venus Mercury and Saturn the earthy; Mercury, Venus and Saturn the airy; and Moon, Mars and Jupiter the watery. The ancients specialized by selecting Sun and Jupiter for the fiery, Venus and Moon for the earthy, Saturn and Mercury for the airy, and Mars alone for the watery trigon.

Trigonometry. – The process of measuring triangles by the use of logarithms. The logarithms of quantities to be multiplied are merely added together and the resulting logarithm gives the answer. Similarly the logarithms of quantities to be divided are subtracted from one another, and the remainder gives the answer. This is an enormous saving of work. Logarithms are the invention of Baron Napier of Merchiston, who used them to facilitate his astrological calculations. They were originally engraved on ivory tablets and hence, 'Napier's Bones' came to be used as a popular description of them. (See Appendix.)

Trimorion. – Three signs or an aspect of 90°. The square or quadrature. The square aspect may work out in *mundo* to 120° and hence it is called the killing arc, being the extent of 120 years or natural limit of life. The aspect of 120 is used as the mathematical basis of the planetary periods. Thus:

Saturn	30	Moon	4
Jupiter	12	Venus	10
Mars	15	Mercury	8

These being the planetary periods in use since the days of

Ptolemy, and which we see are derived from the common multiple of 120, the periods of opposite planets, as Saturn and the Moon, etc., producing this number when multiplied together.

Trine. – The aspect of 120° or one-third of the circle. It is considered to be the most harmonizing of all the aspects and exceedingly benefic. It produces the equilateral triangle in which all the sides and all the angles are equal, and represents a trinity in unity. Hence it is the most perfect of all the aspects.

Triplicity. – Formed on the trine aspect, a triplicity is a group of three signs which have the same elemental nature. (See 'Signs'.)

Tropical Signs. – Cancer and Capricorn are tropical signs, because the Sun is in these signs when it reaches the N. and S. Solstices. The first point of these signs defines the limits of the Sun's declination north and south of the Equator.

Trutine. – Ascribed to Hermes. (See 'Rectification'.)

True. – Any quantity that is distinguished from apparent. Thus true time and apparent time, true longitude and apparent longitude. The 'true moment' of birth is that at which the offspring becomes an independent entity, being severed from the mother and inhaling the free air.

Unfortunate Signs. – For some reason or other the ancients seem to have regarded all the feminine signs as unfortunate, and more especially Capricorn because he is governed by Saturn. No signs are of themselves unfortunate, nor is any planet intrinsically so, but signs depend on the planets occupying them, the condition of those planets and their aspects, while planets are good or evil, that is harmonious or discordant according to the aspects they throw to the Significators. A planet in trine to the Sun cannot do so much

good when itself in square to Saturn or otherwise afflicted. The signs have each their own natures, aptitudes, virtues and distinctions. *Astrologia sans* affords no place to idle superstition.

Venus. – See 'Planets'.

Vertical. – Directly overhead. The Prime vertical is that circle in which a person stands upright when facing South. It is sometimes called the Circle of Observation. It is this circle which is divided into twelve equal parts to form the Houses, through which the signs pass obliquely in their apparent diurnal motion.

Vespertine. – When a planet sets in the evening just after the Sun it is called 'vespertine', and when rising just before the Sun in the morning it is called 'matutine'.

Via Combusta. – The path of combustion. This term was anciently used in connection with the stars in Scorpio, especially the first 15° of that Sign; the Moon being therein was said to suffer as much detriment as during an eclipse. This obviously refers to a period when the constellations and signs were coincident. The same stars are now at the beginning of Sagittarius, Antares (Cor Scorpii), being in Sagittarius 10 in direct opposition to Aldebaran in Gemini 10. Hence any body approaching this dangerous line of action is said to be *in via combusta*.

Violent Signs. – Those signs that are the exaltations of the malefic planets, such as Aries, Scorpio, and Capricorn. But others assign this term to such signs as represent violent creatures. Probably there are no signs violent in themselves, though some are more vehement by nature than are others, and any sign may become violent by a malefic planet being therein and in evil aspect or conjunction with a Significator. I consider Aries, Gemini, Scorpio, and Capricorn to be the most vehement of the signs.

Virgo. – See 'Signs'.

Void of Course. – Forming no aspect before leaving the sign occupied. It is used more particularly in Horary Astrology to indicate lack of purpose, aimless endeavour, and a person without objective. In this sense it is unfortunate.

Watery Signs. – Cancer, Scorpio, and Pisces. (See 'Signs'.) These signs are also called 'fruitful'. They are also terminal.

Weak Signs. – Cancer, Capricorn and Pisces. The first and last are the terminal signs answering to the 4th and 12th Houses. (See 'Houses'.) These Houses are reckoned weak and unfortunate. But Capricorn does not answer to the same nature, although its association with the planet Saturn probably accounts for its inclusion in this category.

Whale's Jaw. – The star Menkar, of the 2nd magnitude, said to be of the nature of Saturn, and therefore unfortunate. It is now in the 13th degree of Taurus.

Weather. – The science of astro-meteorology, although far from perfect, is capable of affording some light on the vexed problem of forecasting the weather. The earth in its annual orbit about the sun passes the conjunction and aspects of other planets, whose action upon its electrostatic condition differs according to the nature of the planet thus affecting it. It is presumed that the planets transmit the sun's rays in altered electrical and magnetic conditions – differing as the planets that transmit them, and the Earth takes up these conditions through its atmosphere. By these means the weather is constantly varying both as to temperature and saturation. The positive planets Jupiter and Mars act to produce a higher temperature, while Saturn and Uranus produce a lower temperature. The planets also act very conspicuously when stationary, but each according to its own nature. The planets also form aspects to one another and the Earth coming simultaneously into aspect with them, suffers great atmospheric disturbance, especially when the

two planets thus aspecting it at the same time are of opposite natures, as one positive and the other negative, e.g. Mars and Saturn. Planets in opposition to one another are pulling directly but in opposite directions upon the photosphere of the Sun, and similarly planets that are in conjunction are pulling directly on the same side of the Sun. They are thus capable of producing solar disturbances which are reflected upon the Earth's atmosphere. The solidarity of the solar system demands that the interactions thus established should register, and more especially upon that sphere to which they are concentrically related. The geocentric positions of the planets are therefore taken into account when the Earth is the passive centre of their action. The observed natures of the planets and their action on our weather, is as follows:

Neptune. – Produces fine weather, with a tendency to strong winds. The weather is usually bright and open and the air fresh and strong.

Uranus. – Tends to colder weather with sudden changes from sunshine to shower. In the summertime gales. In the winter, chill weather, the air cold and raw, with misty mornings and nights.

Saturn. – Cold in winter, cool in summer. Rain or snow according to season, barometer depressed. In summer dull and cloudy, with heavy rain. In winter rain or snow. With Mars he produces hail. With Jupiter thunder. With Venus continual rain. Preceding positive aspects Saturn induces to cold dry weather, but when following positive aspects he brings rain in summer and snow in winter.

Jupiter. – Warmer in winter, hot in summer. Cumulus clouds. In summer the weather is usually sultry. In winter it is warm and moist. With Uranus or Saturn he brings storms, with Mars great heat and electrical disturbances, with Neptune fine weather, and with Mercury thunder.

Mars. – Augments heat, electrifies the atmosphere, brings down rain after a negative influence, with Jupiter produces thunderstorms, with Saturn hail-storms and lightning, with

Venus sharp downpours, with Uranus turbulent weather with wind and rain.

Venus. – Mild showers, drizzle, warm or mild temperature, westerly winds. With Jupiter fine weather. With Saturn wet and cloudy.

Mercury. – Brisk breezy weather, high winds, gusty. Usually acts in terms of the planet conjoined with it, with the addition of more or less wind.

In recent times the discovery of the planet Pluto has naturally introduced a new factor which has to be taken into account in connection with astro-meteorology, and this is the effects upon the weather of the explosion of atom and hydrogen bombs as a result of their disturbance of the atmosphere. One can reasonably assume that when these explosions occur in a period when there are adverse planetary, solar or lunar aspects to Pluto that the effects will be much more severe and will produce 'freak' weather sometimes of unusual violence because of the 'chain' reaction set up by the explosion.

Changes in the weather are usually to be noted immediately before and after the New Moon.

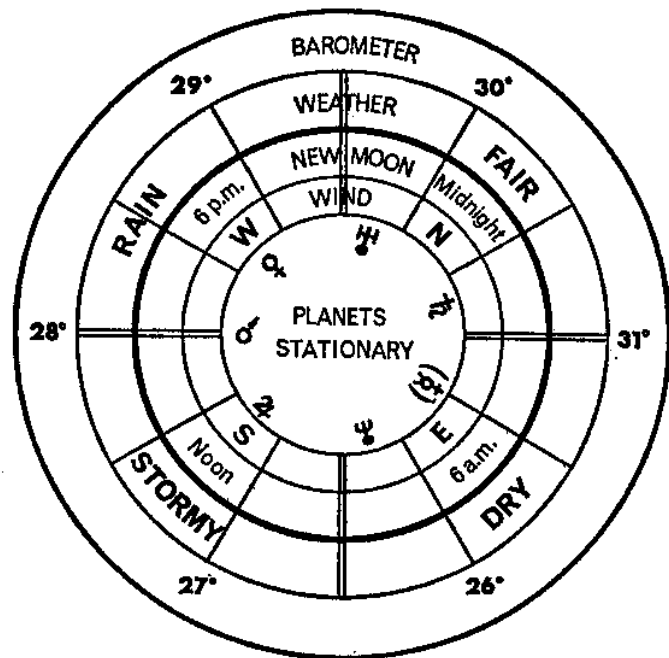
The weather for the season is determined by the planet occupying the 4th House or in aspect to its cusp at any of the four Ingresses. The planets reproduce their effects strongly when stationary in any part of the zodiac. The following weather chart is of interest. It will be observed that the outer circle represents the Barometric reading at any time, the next circle within showing the general state of the weather related thereto. The third circle shows the times of New Moon, the nearer to midnight indicating fine weather and the nearer to noon denoting foul weather. The fourth circle shows the prevailing wind due to the stationary positions of the planets that are central in the figure.

Example:

Saturn stationary – North or North-easterly winds.

New Moon near midnight – Fine generally.

Barometer – Near 30°.



Former writers on this subject have attributed many effects to the influence of fixed stars that ought properly to have been ascribed to the natural influence of the luminaries. Thus in the exceedingly hot months of the year when the Sun is conjoined with certain stars, the heat is attributed to those stars, regardless of the fact that we have periodic cold summers, and similarly in regard to stars that belong to the winter course of the Sun, they are credited with effects that are quite within normal expectancy at that period of the year. It has been observed, however, that a definite change in the weather takes place when the Moon is from 120° to 130° from the Sun. The temperature then undergoes a change, and the weather changes from fair to wet, or the reverse as the case may be. If no change occurs then the prevailing conditions on that day are greatly augmented. Dr. Clarke observed in

regard to British weather that the New Moon falling nearest to midnight was followed by fine weather, and nearest to noon by foul weather. The nearer to these points of time the lunation happened the more remarkable were the effects. He also ascribed similar influences to the quadratures and the Full Moon, so that a sort of weekly weather guide could be prepared from the time of the last quarter of the Moon, the current solar aspects, and the stationary positions (if any) of the planets. This is as nearly in line with the truth as can be in all the circumstances, and experience has proved it so. Where astro-meteorology has a decided advantage over ordinary telegraphic communication as used in the laying down of the daily charts at the Weather Bureau, is that the planetary positions are known so far ahead that all the great storm-periods can be detected months ahead. I have found also that the transition point between two aspects is often a storm-period, and invariably so when the two planets concerned are of different natures, as Saturn and Mars, or Jupiter and Uranus, etc. The transition point is the point of time when the Earth passes from the aspect of one planet to the aspect of the next in order of occurrence. It is of course understood that when a planet is in trine to the Sun it is in sextile to the Earth, and when in conjunction with the Sun it is in opposition to the Earth. Geocentric positions are alone to be regarded in dealing with this problem of weather-forecast, but when planets are in mutual aspect without being in aspect to the Sun at the time, their heliocentric longitudes should be observed. It is not only the pull of the planets on the Earth that has to be considered, but their action upon one another, and especially on the Sun as the common centre of the system. Influence thus may be either direct or by transmission. The effects, however, are always in terms of the planets which cause them.

Whole Signs. - These are the human signs - Gemini, Aquarius and Libra.

Zenith. – The point in the heavens immediately overhead. The nearer planets are to this point the more powerful is their influence.

Zodiac. – The belt extending round the heavens, whose middle line is the ecliptic or Sun's path. It is held to be some 14° in breadth in order to accommodate the latitude of the planet Mercury which is some 7° North and South of the ecliptic. The signs of the zodiac are those animal and human forms that were at one time identified with the constellations which were contained within this belt of the heavens. With the ancients, Taurus was the first of these constellations and the last was Aries. About the fourth century of our era the Greeks began to use the intellectual zodiac, which employs the same symbols and names as those attaching to the ancient constellations, but which is reckoned from the vernal equinox, each 30° being one sign, irrespective of the relative positions of the corresponding constellations. These latter, by the phenomenon of the precession of the equinoxes, gradually slip back through the signs at the rate of $50''$ per year or one whole sign in 2,160 years, so that the entire revolution of the constellations occupies a period of 25,920 years, which is the Great Year of Plato.

Zodiacal Aspects. – Are those that are formed in the zodiac as distinguished from those that are formed in *mundus*, that is, in the Prime Vertical. Thus a planet in Aries 10 is in sextile to another in Gemini 10. This is a zodiacal aspect. On the other hand, a planet that is on the cusp of the 12th House is in mundane sextile to the Mid-heaven, or to another planet on the cusp of the 2nd House. Thus the zodiacal aspect is measured by signs and the mundane by Houses, both being equal to 30° each.

Zodiacal Parallels. – (See 'Parallels'.)

'Zodiacus Vitae.' – The Zodiac of Life – the title of a work by Marcellus Palingenius Stellatus, an old School book

which was used extensively in schools both in England and abroad as early as Shakespeare's time. Various editions exist, the earliest being that in the British Museum, dated 1574, and the work was issued by the Stationers' Company in 1620. A more modern edition with annotations by Foster Watson, M.A., Professor of Education in the University College of Wales was published by Philip Wellby in 1908. In an Appendix to this work it is said: 'Palingenius understood at least as much as was current teaching among astrologers of his day in regard to the twelve divisions of the heavens and the corresponding divisions of the Houses of the Horoscope, and probably he knew something more. . . . The twelve signs of the zodiac were for him something more than mere pegs on which to hang an argument or elaborate a discourse. . . . Mystically considered, the purport of the twelve chapters of Palingenius will find their parallel in the twelve labours of Hercules, and thus will typify the evolution of the human soul through successive stages of mental and spiritual enlightenment.'

APPENDIX

UNDER the head of Trigonometry I have reserved several problems which the student is sure to have to solve in his study of Directions, and as these will at the same time serve to illustrate the use of logarithms in Spherical Trigonometry it will be convenient to make a separate article in this place.

PROBLEMS

1. Given the obliquity of the ecliptic and the Sun's longitude, to find his *declination*.

EXAMPLE -

Sun's longitude, Cancer $10^{\circ} 15'$.

Obliquity of ecliptic $23^{\circ} 27'$.

Distance of Sun from nearest equinox $79^{\circ} 45'$.

log. of sine 9.99301

Obliquity of ecliptic $23^{\circ} 27'$

log. of sine 9.59983

RESULT -

Declination of Sun $23^{\circ} 3'$ log. sine

9.59284

As the Sun is in a northern sign its declination is N.

2. Give the obliquity of the ecliptic (O.E.) and the Sun's declination, to find his *longitude*.

This problem is the reverse of the former.

RULE. - Log. sine of declination of Sun

Minus log. sine of O.E.

Gives the longitude of Sun.

3. The declination and longitude of Sun being given, to find his Right Ascension (R.A.).

RULE. - Log. cosine declination of Sun

Plus log. cos. of distance from equinox

Gives log. cos. of R.A.

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NOTE. – If the longitude is taken from Libra 0, then the half-circle must be added, and the result plus 180 will therefore be the R.A.

4. The longitude and latitude of a planet or star being given, to find its declination.

RULE. – Log. tangent of O.E., plus log. sine longitudinal distance from nearest equinox, gives tangent of angle A.

If longitude and latitude are both N. or both S., take the latitude from 90°. But if of opposite denominations, i.e. one N. and the other S., add the latitude to 90. The result in either case, will be an angle from which you must subtract angle A (above). This gives angle B.

Then log. cosine angle B plus log. cosine O.E., minus log. cosine angle A, gives log. sine of declination required.

NOTE. – If the resulting declination is greater than the latitude, the declination will be N., but if less than the declination, will be S. when the sign is N.

The same rule determines the latitude when the planet or star is in a southern sign.

5. Given the longitude, latitude, and declination, to find the Right Ascension.

RULE. – Log. cos. of longitudinal distance from Equinox
 Plus log. cosine of planet's latitude
 Minus log. cosine of its declination
 Gives log. cosine of its R.A.

6. The latitude of a place being given, and the declination of a planet or star, to find its Ascensional Difference (A.D.).

RULE. – Log. tangent of latitude
 Plus log. tangent of declination
 Gives log. sine of A.D.

7. The Ascensional Difference being given, to find the Semi-diurnal Arc.

RULE. – If the star has N. declination, add the Ascensional

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Difference to 90°. If S., subtract it. The remainder is the required arc.

8. To find the Semi-nocturnal Arc.

RULE. – Subtract the Semi-diurnal Arc from 180, the remainder will be the Semi-nocturnal Arc.

9. To find the Oblique Ascension (O.A.) of a planet.

RULE. – If in N. declination, subtract the Ascensional Difference from the R.A., and the remainder will be the Oblique Ascension. If in S. declination, add it to 180, instead of subtracting.

For the Oblique Descension, add the A.D. to R.A. when the planet has N. declination, or subtract when it has S. declination. The result will be the O.D.

10. Give the R.A., declination, and S.A. of a planet, to find its Pole.

RULE. – As the S.A. is to 90°, so is the meridian distance, taken in R.A., to the proportional distance. Take this proportional distance from the meridian distance, and you have the A.D. under its own pole.

Then log. sine of this proportional distance
 Less log. tangent of declination of planet
 Gives log. tangent of the Pole.

11. Given the declination of a planet and the Pole, to find the Ascensional Difference under that Pole.

RULE. – Log. tangent of Pole
 Plus log. tangent of declination
 Gives log. sine of A.D. under that Pole.

From this the Oblique Ascension or Descension under the Pole can be obtained by applying this Ascensional Difference to the R.A. (See 'Problem 9'.)

BIOGRAPHIA

THE following are some of the more notable contributors to the literature of Astrology. Where possible, particulars of birth are given together with published works.

AGRIPPA, Henry Cornelius. – Born at Nettisheim in Cologne, 14th September, 1486. Died at Grenoble, 18th February, 1535. Wrote: *Vanity of Arts and Sciences, Four Books of Occult Philosophy*.

BARRETT, Francis. – Rosicrucian writer of early nineteenth century. Author of: *The Magus, or Celestial Intelligencer*.

BUTLER, Dr. John. – Chaplain to His Grace, James, Duke of Ormond. Wrote *Christology*, setting forth a Calendar for the period of the Nativity of Christ.

CULPEPER, Nicholas. – Author of: *The English Family Physician, The British Herbal*, and the *London Pharmacopoeia*; the *Last Legacy* and *Galen's Art of Physick*.

DEE, Dr. John. – Born in 1527 and died in 1608. Left a diary and catalogue of manuscripts in the Ashmolean Museum, Oxford.

FLAMSTEED, John. – Born in 1646 and died in 1719. First Astronomer Royal in 1675. Drew horoscope for the foundation of Greenwich Observatory.

GADBURY, John. – Born in 1627, died 1692. Published ephemerides for twenty years from 1682, a work of Medical Astrology and a *Doctrine of Nativities*.

GARNETT, Dr. Richard. – Born 1835. Assistant Keeper of Books at British Museum, afterwards Chief Curator. Employed in the Editorial of the British Encyclopaedia,

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wrote an essay 'The Soul and the Stars' and contributed articles to *Coming Events* under the pseudonym of A. G. Trent.

HARTMANN, FRANZ, M.D. – Wrote: *The Principles of Astrological Geomancy, Occult Science in Medicine and Magic Black and White*.

HERSCHELL (W. J. Long). – He undertook the production of the monthly journal *Coming Events* in co-operation with the present author of this book.

HIPPOCRATES. – Called 'The Father of Medicine'. Born about 460 B.C. and died about 357 B.C. Gave astrological names to various phases of disease and established the doctrine of crises by astrological observation.

KEPLER, Johann. – Born at Weil, 27th December, 1571, and died at Regensberg, 15th November, 1630. The great discoverer of 'Kepler's Laws', regarding the motions and orbits of the planets. Was associated with Tycho Brahe in producing Tables of Planetary Motions.

LEO, Alan (Frederick William Allan). – Born in London 1860, died 1918. Was Editor of the *Astrologer's Magazine* and later of *Modern Astrology* and brought out many manuals and textbooks of the science.

LEVI, Eliphas (Abbe Constant). – A writer of some volumes on occult subjects, including Astrology. The chief of these: *Manuel de la Haute Magie*, contains much Kabalistic Astrology.

LILLY, William. – One of the most prominent astrologers of the Stuart period. His predictions included the Great Plague of London, 1665, and the Great Fire, 1666. Enjoyed the patronage of both Oliver Cromwell and King Charles I. Some of his books were: *The Prophetic Merlin*, the *Anima Astrologiae* and *Christian Astrology*.

BIOGRAPHIA

MOORE, Francis, Dr. – To Francis Moore, physician, a Royal Charter was granted by King Charles II, to produce a loyal almanac, and the work entitled, *Moore's Almanac* has ever since been annually produced. For a long time it was the property of The Stationers' Company and is now published by W. Foulsham & Co., Ltd.

NEWTON, Sir Isaac. – Born at Woolsthorpe on 25th December, 1642, and died on 20th March, 1727. Was Lucasian Professor of Mathematics at Cambridge and knighted for his services to science in 1705. He was a very great Astronomer.

PTOLEMY, Claudius. – Author of the *Tetrabiblos* or *Quadripartite*. Was a renowned Astronomer and Geographer and author of the *Syntaxis* or *Almagest* as well as many other works. Date, A.D. 132-60.

RAPHAEL. – The pen-name of three successive Editors of the popular almanac entitled *Raphael's Almanac*. The publication was started in 1820 by the then Editor R. C. Smith and has continued until the present day, the present publishers being W. Foulsham & Co., Ltd.

REGIOMONTANUS. – A name adopted by Johann Muller, a German born at Konigsberg on 6th June, 1436, and who died at Rome, 6th July, 1476. He was Archbishop of Ratisbon and wrote works on Astronomy and Astrology. A system of House Division is identified with his name.

SEPHARIAL. – Pen-name of the present writer. Author of many works on Astrology and kindred subjects, including renditions and commentaries from the Hebrew, Sanskrit, Chinese, Italian and French.

SIBLEY, Ebenezer. – A voluminous writer on Astrology and kindred subjects. Wrote *Magazine of Natural History* in three volumes; *The Celestial Science of Astrology* in two volumes; *A New and Complete exposition of the Occult Sciences*, in two volumes; and *The Key to Physic and the Occult Sciences*.

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SIMMONITE, W. J. - Wrote *The Astro-Philosopher and Meteorologist* and *Catastrophe Mundi*, and *The Arcana of Astrology*.

WORSDALE, John. - Author of *Genethliacal Astrology*. He wrote upon Astronomy and Philosophy.

ZADKIEL. - The pen-name of Commander Morrison, R.N., and later of A. J. Pearce, Editors in succession of *Zadkiel's Almanac*, first published in 1830. He edited a volume of *Lilly's Astrology* and produced the *Grammar of Astrology*.