

**CORRESPONDENCE**

**COURSE IN**

**ASTROLOGY**

**CARL PAYNE TOBEY**

## CORRESPONDENCE COURSE IN ASTROLOGY

### Lesson One

#### A MATHEMATICAL STUDY OF BIOLOGICAL AND PSYCHOLOGICAL DYNAMICS

Astrology is a mathematical study of biological and psychological dynamics. It is the oldest known science, and all other sciences appear to have been its children. It comes to us out of prehistoric times, and suggests the existence of a prehistoric civilization enlightened far beyond our own in some respects. It was kept alive in the East, but it degenerated into much that was little more than superstition. It became associated with mysticism, fatalism and cultism, was taught only in secret schools, and was practically outlawed with the dawn of the Christian era.

Christianity taught a doctrine of free will. Fatalism was in conflict with this doctrine, and since it was believed that astrology was fatalism, it was outlawed. (See "THE STAR CROSSED RENAISSANCE" by CAMERON ALLEN, DUKE UNIVERSITY PRESS). Although its funeral was held, its own dynamics would not allow it to die.

A new word was coined. It was astronomy, a new science to take the place of astrology. Originally, all astronomers were astrologers. The new science was to ultimately deny any association between Planets and Man, but this did not come about immediately. In the beginning, it was merely the desire to deny astrology insofar as it might conflict with the freewill doctrine of the church. In the early 16th century, Paracelsus defined the difference between astrology and astronomy of that time. He stated that astronomy confined itself to character delineations, while astrology was used to predict the future. He claimed that astrology could not predict for the individual because

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LESSON ONE

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THE ZODIAC AND THE SOLAR SYSTEM, THEIR FORM AND THEIR MEANING

## LESSON ONE

### A MATHEMATICAL STUDY OF BIOLOGICAL AND PSYCHOLOGICAL DYNAMICS

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Modern textbooks carefully conceal the fact that the greatest minds they glorify are those of the astrologers of history. It is regarded as "good taste" when textbook writers delete anything and everything that demonstrates the part astrology has played in history. Some of these astrologers have been Aristarchus, Pythagoras, Ptolemy, Copernicus, Kepler, Newton, Paracelsus, Tycho Brahe, Benjamin Franklin and many others. Modern astronomers like to teach us that Copernicus discovered that the earth was not the center of the solar system, but Copernicus was merely going back to a defense of Aristarchus, who taught a heliocentric astrology 200 years before the birth of Christ, and who learned it from the work of Pythagoras who lived in 500 B.C. While glorifying all these names, the astronomers try to claim them as astronomers when they were actually astrologers.

To study astrology, one has had to be an individualist, rugged enough to brush off the criticism of orthodox education. One could not study astrology and be a conformist.

Perhaps the three men who influenced the dawn of the 20th century astrology in a new direction were Allen Leo, Sepharial and Llewellyn George. They provided enough printed literature for new investigators to find a place to sink their teeth. Without them, it might have taken us another century to get started. The color and romanticism of Evangeline Adams probably drew more public attention.

In this course, astrology will not be taught as a science of cause and effect, but as an abstract science, a branch of mathematics. To add 6 and 10, you do not need apples. It will not be taught that planets affect us. We do not know that they do. We do know that we have a complicated realm of coincidence. It would appear that cause and effect operate in accord with certain abstract, mathematical laws which condition their functioning, and that astrology explains these laws.

Six apples and ten apples are sixteen apples.  
Six oranges and ten oranges are sixteen oranges.

The oranges have nothing to do with the apples. One does not cause the other, but the same arithmetical principles that apply to the apples apply also to the oranges. Mathematical principles are universal principles. They work anywhere, any time. Astrology deals with these same principles.

There have been many attempts to explain astrology in terms of physical science, vibrations, electricity or light waves, but they are too simple, while astrology is too complicated and too all-inclusive. Astrology seems to include everything. It involves the physical, the mental, the emotional, the vital, the concrete, the abstract. It even involves time and space, and strangely relates all of these things to each other. It is the mathematics of Life. (Paul G. Clancy called it the Algebra of Life.) It is a study of the abstract principles of existence, and there can be existence only in accord with those principles. Astrology explains life in terms of geometry.

It draws strange parallels that can never be found without it. What connection might there be, for example, between executive ability and the sex organs, between interest in religion and the liver? We do not know, but astrology indicates that there is. There are many other strange parallels. What you will learn here is merely what the writer has been able to dig out in 37 years. The principal thing he has learned in that time is that he hasn't scratched the surface.

It is desirable that the student make no attempt to move too rapidly. There are certain basic factors that must be grasped. Speed may slow you down. Astrology is unlike anything else you may have studied. We want you to prove every point to your own satisfaction. In the end, we want you to take our word for absolutely nothing. Astrology works, but it has to work exactly the same for you as it does for us. If we claim that 6 apples and 10 apples equal fifteen apples, while you find that 6 oranges and 10 oranges equal sixteen oranges, there is something wrong. We must find agreement all the way.

In the writer's approach to this subject, he had to deal with many erroneous claims. He had to discover which claims were true and which claims were false. He was told that you have to accept astrology on faith. This was the most fabulous claim of all. Accept absolutely nothing on faith! Astrology has to work in laboratory experiments. When you have finished this course, you will merely have reached a starting point. You will be like the salesman who was trained in the New York office, and then sent to Mexico City to start selling. Certain principles that worked in New York will also work in Mexico City, but down there folks speak Spanish.

Suppose we could say that there are twelve basic material elements and that all other elements are combinations of these elements. It would simplify things. Astrology deals with twelve basic principles, and everything grows out of intricate combinations and relationships involving these twelve basic principles. The number of combinations may not be infinite, but it might as well be. It is very great. An astrologer is only as good as his understanding of these twelve basic principles. Our greatest objective must be to learn as much as possible about these twelve principles. You will not know all there is to know from us, because we do not know that much.

There is evidence that the ancients may have known that civilization was going into an eclipse, and that they tried very hard to put certain information, hidden away in symbol form, where it could ultimately be found, interpreted and revived. There are some who believe that the construction of the Great Pyramid was for the purpose of preserving

mathematical and astrological knowledge during the dark ages until new initiates with an ability to understand abstract principles could decipher the information that is hidden away in the dimensions and measurements of the pyramid. The Mexican Calendar Stone was carefully buried, only to be found many centuries later and to reveal a calendar more perfect than any then known to modern science. The first Spanish explorers, arriving in a new and unknown land, found the symbols of the signs of the zodiac carved on stone throughout Mexico, Central and South America. (See "RED MAN'S CONTINENT" by ELLSWORTH HUNTINGTON, YALE UNIVERSITY PRESS.)

It would seem that all religious writers were attempting to get across the significance of two numbers—12 and 7. Twelve tribes of Israel, twelve disciples of Christ, the Book with the Seven Seals, etc. The Sphinx is an astrological symbol. Ancient religious works are filled with terms which have entirely different meanings in astrological terminology. This includes the Bible. If you possessed information, it was necessary to hide it in order to avoid persecution. These facts need not seem strange when you realize that there are towns in the United States today which have laws forbidding anyone to teach astrology. The Federal Communications Commission uses its pressure to keep it from being taught on the air, and radio and television stations live in fear of having their licenses revoked if they disobey the wishes of those non-elected persons who constitute a Washington bureaucracy. As a result, astrological groups have sometimes incorporated as a religion, because under the constitution, you can't outlaw religion. This same procedure has been followed by advocates of Dianetics, who have changed their subject to Scientology and called it a religion to avoid persecution by the American Medical Association, an institution bent upon a monopoly of all things related to human health and even social relationships. The ultimate goal of socialized medicine would achieve such an aim, but it has been opposed by a great part of the medical profession because it might take control away from the A.M.A.

It is unlawful to ship astrological literature to Russia. It was a paradox to see an astrological convention opened in Los Angeles, where astrology has been outlawed, but openly practiced, by the man who was the Lieutenant Governor and later Governor. You can practice astrology anywhere in the United States if you call it a religion. We practice it throughout the United States, and we do not call it a religion. The Post Office Department has no objection to astrology. You can practice astrology anywhere in the U.S., if you call it a study of cycles. While the FCC bars astrology by name, they daily utilize data furnished by the Radio Corporation of America predicting magnetic storms from the study of the planets. Although we point out these facts and inconsistencies, they should not bother you. We have been in business for 37 years, and they have neither bothered nor hindered us. It will take time and a great deal of money to eradicate ignorance from high places.

Astrology bases everything on the numeral 12, while mathematicians long claimed that the most perfect system of mathematics would be based on twelve instead of ten, the duodecimal system, instead of the decimal system. This fact appears to have significance. To understand the significance of the seven throughout ancient literature, it is only necessary to realize that in ancient mathematics there was no zero. That was later invented by the Hindus. When a circle was cut in twelve parts, the lines between the parts were numbered, there was no zero point. The first line was numbered as one instead of zero, and therefore, the halfway mark was seven, not six. Seven is not one-half of twelve, but you start counting the second half with seven, just as you start counting the first half with one. Astrology's seventh principle is a very dynamic one, as we will later see. It deals with time and change, for without change time ceases to exist. In the abstract world, there is no time. Time is merely an expression of matter and space. There is psychological time, but it is unlike clock time. (In recent years, many mathematicians have shifted their faith

to the binary system of math, based on 2, but this is probably a fad, based on the fact that modern electronic calculators employ the binary system plus another system based on 16, because 16 is the 4th power of 2. The binary system was discovered by Leibnitz who lived 1646 to 1716 A.D. and who employed it to try to convert the Emperor of China to Christianity.)

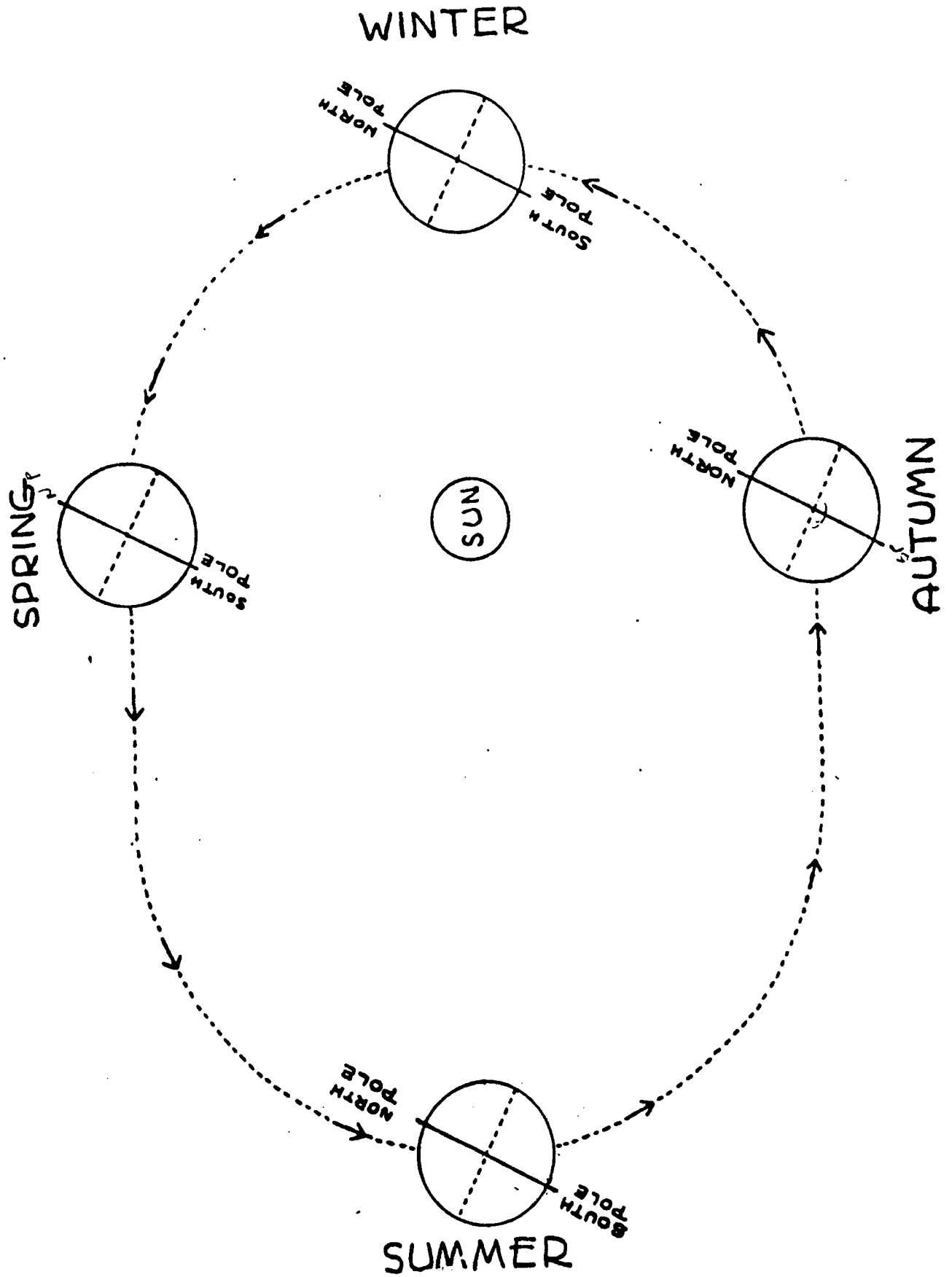
Although the material parts of the solar system are the only material factors with which astrology deals, there are many other factors, but they are geometrical and in the realms of pure abstraction. It should be mentioned that there are schools of astrology attempting to deal with fixed stars, but we recommend that the student stay away from any such theories until he has finished Lesson Eleven of this course. After that, he is on his own. You will find that the astrologer speaks of things such as the signs of the zodiac as if they were as real as the Empire State Building. They are as real, but they are not material. They are mere geometrical angles and mathematical points. In his early days of investigation the writer tried to visualize the zodiac as a possible magnetic field, but this conception breaks down, unless a magnetic field is something quite different from what we suppose it to be. Also, the poles of the earth's magnetic field do not conform to the poles of the zodiac.

The average astrology student of today has no clear conception of what the zodiac is. He may view it as something extending far out in space, but it isn't. It is all right here. It doesn't necessarily extend beyond the surface of the earth. It has no connection with the fixed stars. It is an abstraction. It is a group of mathematical points which can be found from the relationship of the earth's equator to the earth's orbit. It would have no significance for a being born on Mars or any other planet, it is purely a product of motion—the earth's motion—two earth motions, the rotation of the earth on its own axis and the revolution of the earth along its own orbit. It is geometry, involving two planes of space, the plane of the earth's equator and the plane of its orbit. To determine the zodiac, it is necessary to consider no other factors in space, except for the fact that there are two foci to the ellipse of the earth's orbit, and we must know which of these is occupied by the Sun.

It is important that you have a clear conception of what the zodiac is, and what is is not, for then you can be saved many arguments with yourself or others as to why certain systems of astrology being practiced are without valid foundation. Attempts to use a heliocentric (Sun as center) zodiac fall down, because there is nothing about the zodiac that is heliocentric. We cannot draw a heliocentric zodiac, because we know too little about the path the Sun is taking through space. Each planet would have its own zodiac, which would have to be calculated from the relationship of its equator to its orbit and it would be quite different from our zodiac. Its twelve points would not be in the same place. The zodiac, as we use it, constitutes a series of dynamics. If either motion of the earth were to suddenly cease, the zodiac would also cease to exist. Remember that! The zodiac is a product of motion alone. When you realize this, you will not be harboring the illusions concerning it that are prevalent in many minds today. Everything in astrology concerns dynamics and kindred phenomena. Without motion, astrology would not exist.

Just as Euclid's geometry failed to meet the requirements of a mechanical and atomic age, some of the old conceptions of astrology must give way to the new geometry of dynamics. Euclid's geometry failed to consider dynamics. Einstein and Relativity have changed things. There is evidence that the arctic may have, at one time, been tropical, meaning that the equator was across a different part of the earth's surface. At such a time, the zodiac may have been different from what it is today.

On the next page we present a diagram. It will require some explanation. It is intentionally





drawn out of proportion in order to illustrate and emphasize certain factors. You will see four large circles and one small circle. The small circle represents the Sun, which is actually many, many times the size of the earth. The four larger circles represent four positions of the earth and its trip around the Sun, spring, summer, autumn and winter. If you turn the diagram sideways, spring will be at the top, summer at the left, autumn at the bottom and winter at the right. Note the odd fact that the earth is nearer to the Sun when we, in the Northern Hemisphere, have winter, farthest away from the Sun when we, in the Northern Hemisphere, have summer. The reverse would be true for people living south of the equator in the Southern Hemisphere. If heat is really something that travels through space from the Sun to the earth, then the average temperature south of the equator should be warmer in summer and colder in winter than summers and winters in the Northern Hemisphere. It is believed by some, however, that because there is far more ocean south of the equator than north of the equator, the ocean absorbs heat from the Sun in summer and gives that heat off in winter, modifying temperatures south of the equator from what they might be otherwise. It does seem odd that when we, north of the equator, have winter, the earth is 3 million miles closer to the Sun than in summer. There is the alternative possibility that heat as we know it may be generated here at the earth AFTER light from the Sun reaches the earth, in which event, distance of a planet from the Sun might have no bearing on the temperature of that planet, a possibility that materialists, dogmatists and astronomers would hate to entertain.

This diagram will emphasize the fact that the earth travels in an ellipse, not in a circle and that it is closest to the Sun when we have winter.

Now, we run into the difficulty of trying to illustrate a 3-dimensional factor on a 2-dimensional piece of paper. Each circle representing the earth has a solid straight line representing the axis of the earth, with the north pole at the top, the south pole at the bottom. However, for the pole to be at this angle, you would have to be looking at the earth with your eyes in the plane of the earth's orbit. Suppose you hold the earth in the position given, but drop the spring position of the earth down so that it is behind the Sun, raising the autumn position so that it is in front of the Sun. You would no longer be able to see the Sun because it would be concealed by the autumn position of the earth, which would also conceal the spring position of the earth, which would be behind both the autumn position of the earth and the Sun. Then, you would find the poles of the earth exactly as given. The north pole would always tilt toward the right. It would not turn around as the pole of a spinning top would do. It would not tilt to the left when in its summer position. The dotted straight line across the earth represents the equator. Note that in summer, the northern hemisphere tilts toward the Sun, while in winter it tilts away from the Sun. This angle at which the hemisphere tilts seems to be the most important factor in determining temperature.

However, there are only two moments out of a year when a straight line drawn from the Sun to the earth will also pass through the plane of the earth's equator. At those two moments, and only during those two moments, can a straight line pass through both the plane of the earth's orbit and the plane of the equator. These two moments are known as the spring and autumnal equinoxes, and they become the markers upon which we can base the whole zodiac. Draw a straight line from the earth to the focus occupied by the Sun at one of these moments, and allow it to point always in the same direction. The earth moves on. This line no longer points to the Sun, until six months later, the other end of the line points to the Sun. The line will point at no specific point on the earth's surface, because the earth itself is rotating within its zodiac. Temporarily, and for a matter of years, the line will point at some fixed point in space, like a star, but even this is not permanent. The line points at absolutely nothing material permanently. It is purely an abstraction, and yet, upon this abstraction all else is based.

This could all be wild dreaming except for one fact. Conclusions based on this line function. They work. They can be depended upon. This brings up the great question. How did men of an unknown time in history figure all this out? It seems impossible that it could have come to light through observation. It must have been calculated by some master mathematician who knew something about human dynamics and mathematical principles that we do not know today. His discovery eclipses the discovery of the atom by modern scientists. Next, using this abstract line, he drew a circle around the earth in the plane of the earth's orbit, and divided it into twelve equal parts, and these became the signs of the zodiac. He knew something about twelve that we do not know. He may have been a student of the duodecimal system.

We have reached the point where we have a circle divided into twelve equal parts. Up till now, it is a mathematical figure—no more, no less. The astrologer finds it related to twelve principles in nature, quite extraordinary principles. We are going to devote a great deal of time to these principles. In fact, you can devote the rest of your life to them, and you will always be learning something new. They are the principles of human dynamics. It would be truthful to say they are the principles of biological dynamics, for they do not confine themselves to humans. They apply for a dog or a cat, but we cannot study astrology without considering two other factors, evolution and heredity. As the writer has stated elsewhere, a horse can never become an accomplished pianist because of his heredity. Heredity is definitely a limiting factor. There is more fatalism to heredity than to astrology.

Throughout your study of astrology, this mathematical figure is going to be your ruler. You are going to use it for purposes of measurement. The zodiac is not the only place where you will use it. It will be used elsewhere. In fact, it can be used in so many different places that it knocks any idea of a magnetic field into a cocked hat, unless there are millions and millions of magnetic fields all around us, and there may be, we do not know.

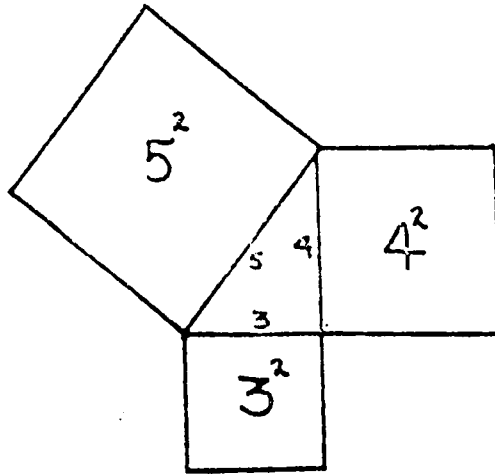
Mathematical rules work regardless of time or space. They are abstractions. They are, in no way, affected by circumstances. They do not change. Observations made by Euclid or Pythagoras 2500 years ago can be made today. Even the mountains and fixed stars have changed in certain respects during that time, but not the rules of mathematics.

We need an illustration that will furnish us with a parallel, and we are going to utilize a well-known mathematical formula for that illustration. Please don't run away. We will make it simple.

We have stated that astrology is a study of biological dynamics. Perhaps we should purify this even more. Although we use astrology to grasp and understand biological dynamics, there is a part of astrology which can only be classified as a higher branch of mathematics.

Now, let us strike our parallel. We are going to use the Pythagorean Theorem. See diagram "B" on the next page.

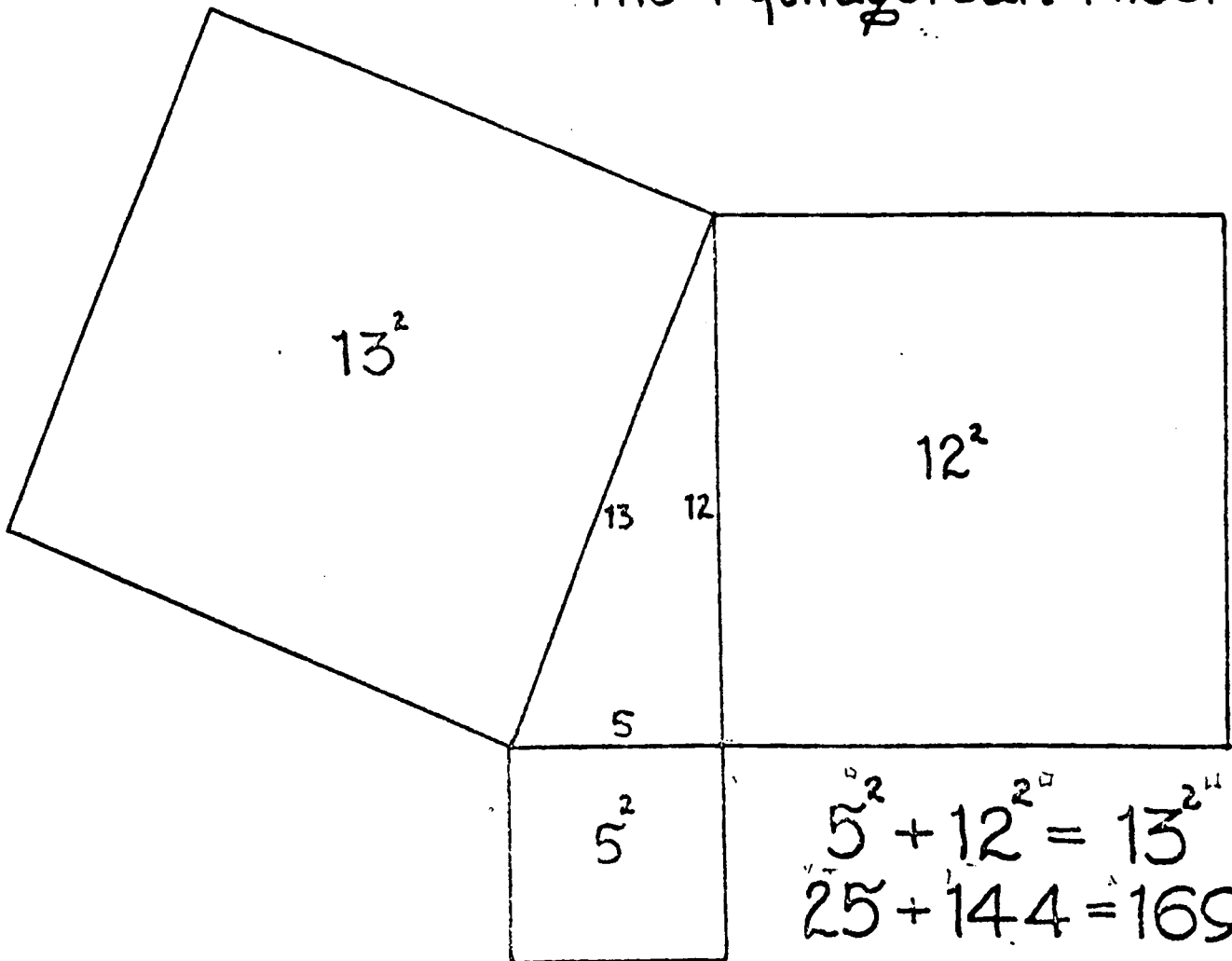
At the top of the page is a right-angled triangle, meaning one where one of the angles is 90 degrees, like the corner of a square. Around this triangle, we have drawn three squares. As a unit of measurement we have used  $\frac{1}{4}$  inch. The sides of this triangle are 3, 4 and 5 units. The longest line in this triangle is known as the hypotenuse. That is the one marked 5. Pythagoras discovered that in any such triangle, the area of the large square is exactly equal to the area of the two smaller squares. Ever since his time, this has been known as the Pythagorean Theorem. (However, it was actually known by the ancient Chinese earlier.)



$$3^2 + 4^2 = 5^2$$

$$9 + 16 = 25$$

The Pythagorean Theorem



$$5^2 + 12^2 = 13^2$$

$$25 + 144 = 169$$

The size of the triangle, or the relative length of the two legs (short sides) of the triangle will never alter the rule. The theorem is expressed  $a^2 + b^2 = c^2$ .

To demonstrate the universality of the law, we have drawn a larger triangle below, where the dimensions are 5, 12 and 13. You can make up millions of such triangles of all sizes, and the law will always work. In some cases, you will deal with fractions, but you can use any odd number for the short side and work out a triangle where all sides can be expressed in positive integers (whole numbers). To get the other two sides, all you need do is square the first side, and cut the result in half. Since the result is an odd number, and not divisible by two, you have to have an answer that is a positive integer (whole number) plus  $1/2$ . Now add  $1/2$  to get the longer of the two sides, and deduct  $1/2$  to get the other side. In other words, if the short side of the triangle is 7, the square of 7 is 49, and when we cut 49 in two we get  $24 \frac{1}{2}$ . Add  $1/2$ , and we get 25. Deduct  $1/2$ , and we get 24. Thus  $(7 \times 7) + (24 \times 24) = (25 \times 25)$ .

Even using all the odd numbers to infinity in this way will not give you all the possible triangles that can be made out of positive integers (whole numbers). There is an infinite number of others. You will also note that in this particular series of triangles, the sum of the two longer sides is always the square of the shorter side.

Having given this illustration, we have a very important point that we want to get across. In fact, this is vital to any real understanding of astrology. When all right-angled triangles conform to this law, we have coincidence. This does not mean that there is any cause-and-effect phenomenon involved. One triangle is not the cause, nor is another triangle the effect.

Just as this rule will work for all possible right-angled triangles, the division of a circle into twelve equal parts will work in astrology under many different unrelated conditions. Later, you will see the right-angled triangle itself is very important in the study of astrology.

In mathematics, there are undoubtedly infinite other rules similar to the Pythagorean Theorem that can be applied to triangles in which no angle is 90 degrees. No mathematician has ever taken the time to work them out. Perhaps the idea has never entered anyone's head. Never gain the impression that mathematicians have ever scratched more than the surface of their subject. There is so much about which we have never thought to inquire.

Everything, absolutely everything, in astrology is a study of angles and mathematical points. We will even find that certain angles have some mysterious connection with the distance of an object from the central point of a sphere. The inference is that an object cannot move without setting in motion some very complicated system of dynamics. Time and space may assume entirely new meanings to you. The solar system is one monstrous atom, and Heaven knows what might happen if one of its electrons (planets) were pulled away. This is new geometry, but it is a dynamic geometry, not the dead geometry of Euclid.

We will save ourselves much trouble and sleepless nights, if we start out by considering astrology, not as a cause-and-effect phenomena, but as a system of higher mathematics. Do not let this scare or drive you away. It is important to your understanding, but there are vast numbers of students, using astrology from a practical point of view, who have almost no education in the field of mathematics. One such student, doing very well otherwise, told the writer, "You know, I can't tell you how much  $9 \times 9$  is, without working it out in my own way."

Many students catch and grasp the basic principles with almost no knowledge whatever of the mathematical side of astrology. Yet, such people have helped to keep astrology alive down through the centuries. It must be stated, however, that under these circumstances, many errors, some of a mathematical nature, have crept into astrology as it has been taught over the last few hundred years. These must be brought to light and corrected. Under these circumstances, to think that the combined efforts of all its materialistic enemies have been unable to dent interest in the subject might almost be interpreted to mean that some guiding principles never intended to allow it to die out. This fact is as mysterious as the man who worked out these laws originally. It has been as difficult to wipe out astrology as to wipe out religion. There are some things that refuse to die. Astrology is one of them. It has outlived every enemy it ever had. It has outlived the civilizations of its enemies.

Thus, we have reached a point where we have a circle divided into twelve equal parts. Let us go on from there.

Because of the ancients' plan of hiding knowledge behind symbols, many weird interpretations have sprung from their writings. We are going to take four ancient terms and tell you what they mean. The terms are FIRE, EARTH, AIR and WATER. Because of the constant use of these terms, which were astrological, moderns have convinced themselves that these ancients were under the impression that there are only four elements. In "Mathematics for the Millions", Hogben points out that Pythagoras associated these words with triangles, and Hogben thought it was quite silly but amusing. So, let us tell you what these words mean. These are psychological terms.

FIRE means VITAL.  
EARTH means PHYSICAL.  
AIR means INTELLECTUAL.  
WATER means EMOTIONAL.

The twelve signs of the zodiac were divided into four groups.

There were FIRE signs, EARTH signs, AIR signs and WATER signs.

The three signs of a group were always spaced 120 degrees apart, so that each formed a perfect equilateral triangle, and the four groups, when fitted together formed a circle divided into twelve equal parts.

Do not lose sight of the fact that we are still in the realms of the abstract, because all this grows from that mathematical point in time, when it is possible to draw a straight line through both the plane of the earth's orbit and the plane of the earth's equator. We measure from there.

Biological dynamics have to do with a circle divided into twelve equal parts, representing the vital, the physical, the intellectual and the emotional—four equilateral triangles, with three corners each, adding up to twelve, the base of the duodecimal system of mathematics. As we go along, you will find that the pieces of all fit together perfectly, and everything always comes out even.

There were three more words—CARDINAL, FIXED and MUTABLE.

The zodiacal signs were also divided into four CARDINAL signs, four FIXED signs, and four MUTABLE signs, making up the twelve. This gave one Cardinal sign of each element, one Fixed sign of each element and one Mutable sign of each element.

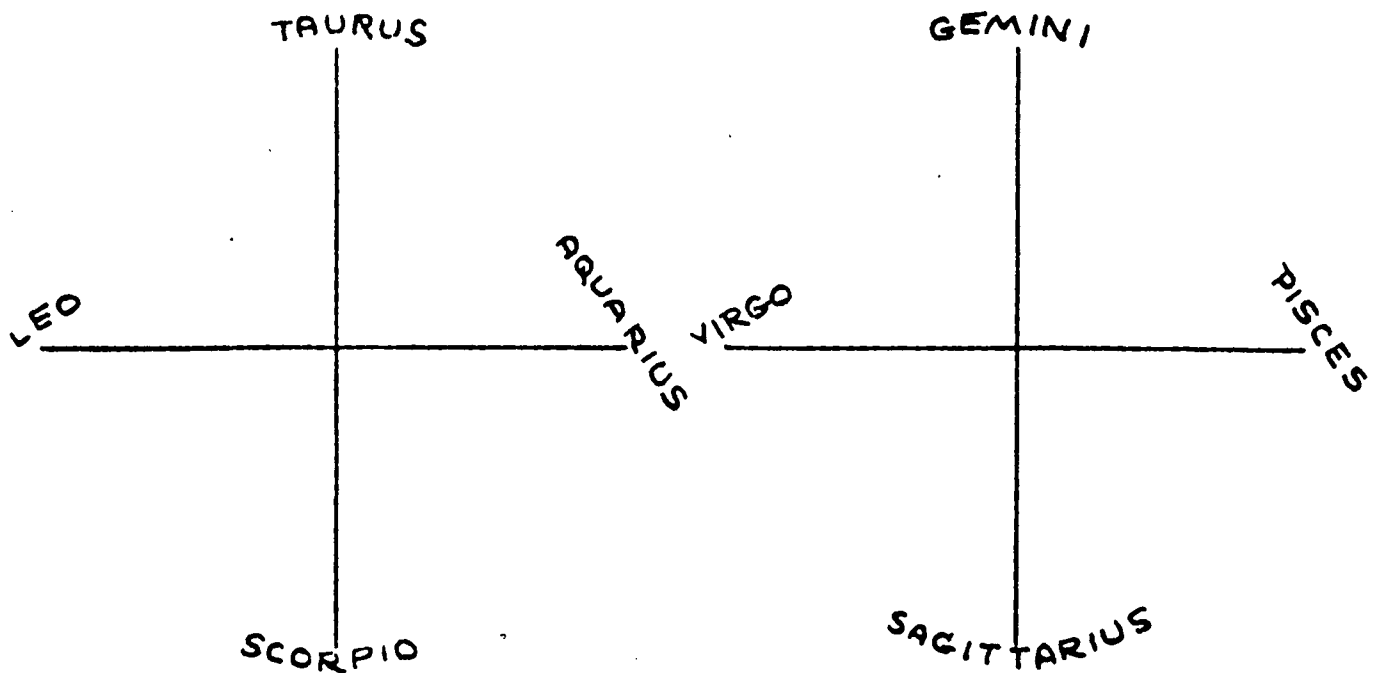
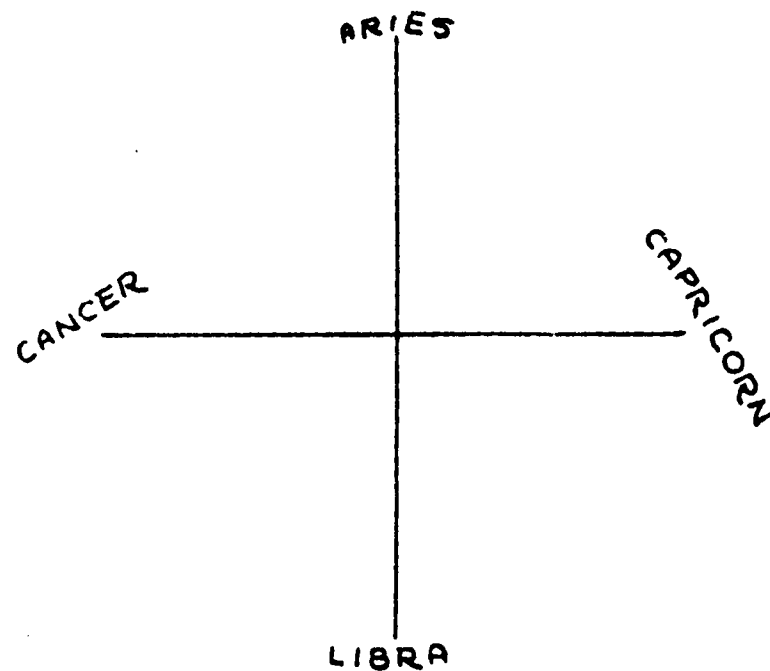
Just as the zodiac can be divided into four equilateral triangles, it is also divided into three squares, one representing four Cardinal signs, one representing four Fixed signs, and one representing four Mutable signs.

We have expressed this in our diagrams with geometrical figures. Throughout astrology, you will always be dealing with geometrical figures. You will also be dealing with 12-sided figures or divisions thereof. This appears to be a basic principle of nature known to the ancients, but, let us point out that you can find this division of a circle into twelve parts elsewhere in nature. It is common to say that a snowflake has six sides, a pattern repeated six times. Actually, however, each one-sixth is the same pattern repeated twice, one mirrored. Therefore, like the zodiac every snowflake has TWELVE sides. Here again, we see the base of the duodecimal system.

To think of the zodiac and its implications as ridiculous is to think of a snowflake as ridiculous. What is more ridiculous than that all snowflakes should have the same number of sides. Because we find that all snowflakes do have the same number of sides, we recognize that a principle of nature is at work, and we accept the result. Crystals also form with six sides, and various types of rock formations do the same thing. Nature functions mathematically. In the zodiac also, we find a principle of nature at work, and we have to accept the result.

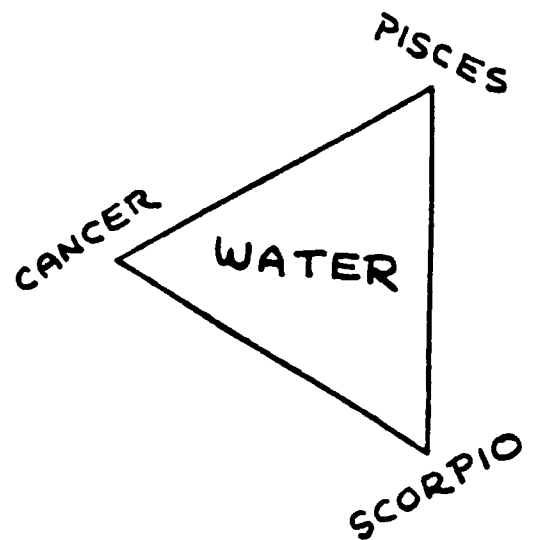
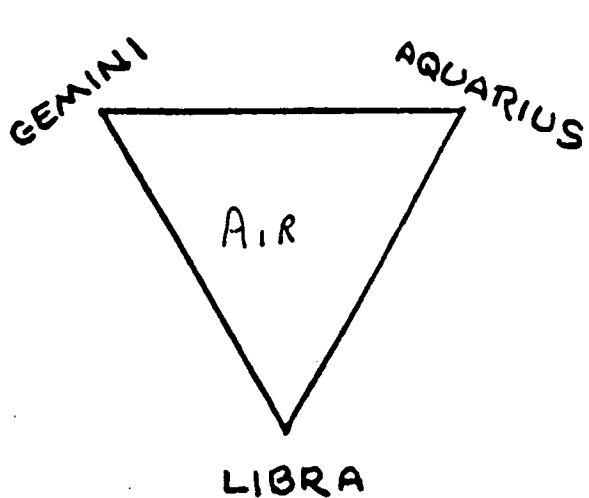
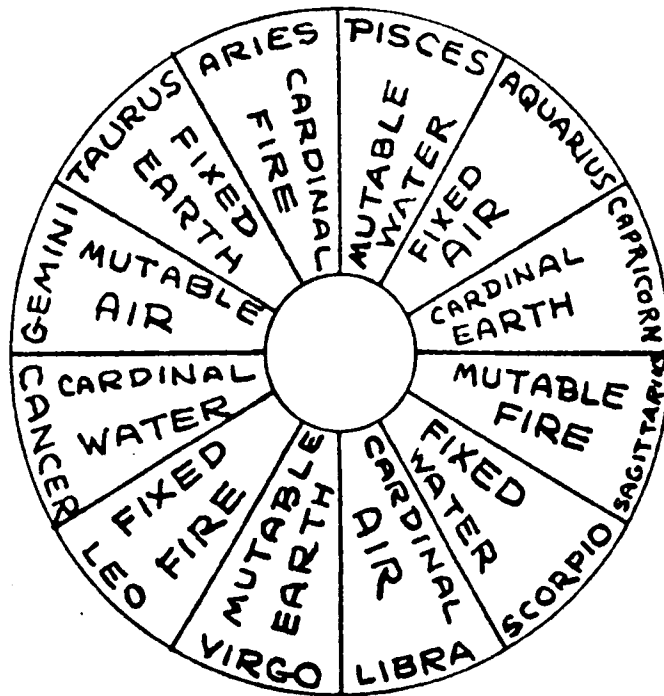
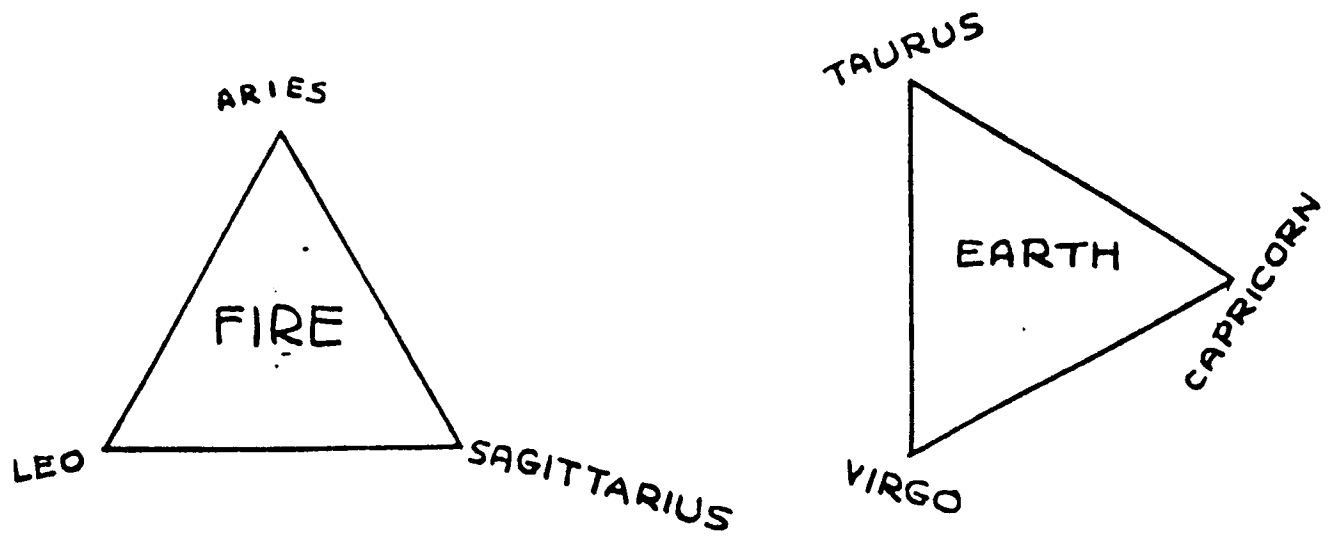
Some writers have drawn attention to the symbol of Christian religion—the cross—and they maintain it to be the astrological square. The Bible is filled with astrological terms and symbology. The symbol of the Jewish Religion is the six-pointed star, two equilateral triangles. Actually, there should be no conflict between astrology and religion. There is no conflict between astrology and any legitimate branch of science. There may be conflict between astrology and unproved theories and dogma but unlike astrology, scientific theories are often in the realm of fashions. They have no permanence. We need think only of the billiard ball conception of the atom that was prevalent not so long ago. The modern theory of the atom conforms more to the ancient's saying, "As above, so below." Because RCA set up their own investigative and research department, their Propagation Department, and dropped "accepted" and fashionable theories, they found that geometrical figures formed by the planets can be used to predict the condition of terrestrial magnetism at any and all times. The geometrical figures established by their research were the same established by the astrologers long before the dawn of any written history.

## THE CARDINAL CROSS



THE FIXED CROSS

THE MUTABLE CROSS





**CARL PAYNE TOBEY'S CORRESPONDENCE COURSE IN ASTROLOGY**

**LESSON TWO**

**THE UNCONSCIOUS INTERPRETATIVE APPARATUS AND THE THREE SURVIVAL  
DYNAMICS**

**CANCER, SCORPIO AND PISCES, THE WATER SIGNS**

## LESSON TWO

### THE UNCONSCIOUS INTERPRETIVE APPARATUS AND THREE SURVIVAL DYNAMICS

L. Ron Hubbard gives an important clue when he says that the purpose of the life dynamics is TO SURVIVE. We will show that while it is the purpose of some life dynamics TO SURVIVE, it is the purpose of other dynamics NOT TO SURVIVE in the present form. These dynamics function mathematically and geometrically, and this functioning can be calculated and predicted.

SURVIVAL IS THE PRIMITIVE PURPOSE OF THE WATER SIGNS OF THE ZODIAC.

There are three Water Signs which form an equilateral triangle in the mathematical figure we have called the zodiac. These are the three emotional signs, CANCER, SCORPIO and PISCES, and they represent three different types of emotion which continually involve compulsions. These three signs, their purpose, and the part of the body with which the ancients associated them may be noted as follows:

ZODIACAL SIGN	PURPOSE	PART OF BODY
CANCER	INDIVIDUAL SURVIVAL	STOMACH AND BREASTS
SCORPIO	FAMILY SURVIVAL	SEX ORGANS
PISCES	SOCIAL SURVIVAL	THE FEET

To understand this lesson, we will ask you to consider the statement that LIFE IS 100% INTERPRETATION, and that most interpretation is unconscious. A great part of it is misinterpretation.

Sight is the interpretation of light waves. A hazy object in the dusk may become a bear for the small boy, and he will actually see a bear. His interpretive apparatus will fill in any missing details.

Hearing is the interpretation of sound waves, and so on with the other of the five orthodox senses. We refer to sight, hearing, smell, taste, and touch, because for a time it was fashionable to deny all other senses. We do not know how many senses there are but there are more than five.

Everything coming in through the senses has to be interpreted. If you speak no language but English and you receive a telegram in Spanish, your problem of interpretation will become more complex.

Interpretation is largely an unconscious process, and therefore, we must introduce the UNCONSCIOUS INTERPRETIVE APPARATUS.

When this apparatus functions in a healthy fashion, we have instinct, intuition and good health, but it is a complex mechanism, involving many factors such as heredity and past experience, and its misinterpretations may be followed by abnormal reactions such as pain, illness, compulsions and even insanity.

Emotion is a reaction to interpretation or misinterpretation on the part of the unconscious interpretive apparatus.

The conception that emotion is a reaction to unconscious interpretation of incoming

extrasensory data is the result of a series of experiments over many years. The experiments began as the result of a single incident that we will mention. It happened many years ago.

A strange feeling came over the writer as he was about to leave for another city on a business trip. He didn't want to go. Reason told him to go, but this strange feeling said not to go. There was conflict, and an experiment was decided upon. He would follow his feeling and check the result.

Within an hour the telephone rang. It was an attorney calling. He had traveled 250 miles to see the writer and would arrive in a few minutes. His visit proved financially profitable to both parties. Upon his departure, the business for which the writer's journey had been planned was completed by long distance telephone.

Had reason been followed, the writer would have left before the attorney arrived.

Continued experimentation revealed that emotions often result from extrasensory information not obtainable through the five orthodox senses. This is not often observed because people are not on the alert for it.

Sigmund Freud was far from the first person attempting to interpret dreams. In ancient times, they were used in an attempt to predict the future, and such illustrations are contained in the Bible. Although there are rare cases where people dream true, and an interesting case will follow, we will find more evidence if we consider the average dream as a misinterpretation of what is coming in over the extrasensory system.

The writer's son tells of an upsetting dream, in which a young lady neighbor takes sick and dies. The above theory is explained to him, and it is agreed that results shall be observed carefully.

Within an hour, the young lady of the dream actually arrives and asks to use the telephone to call a veterinarian because her horse is ill. Twenty minutes later, she returns and announces the horse is dead. The horse had been ill at the time of the dream, which appeared to be a misinterpretation of the existing facts.

We have a similarity in a television set which picks up video waves and interprets them. When the set is not tuned in correctly, we receive all kinds of designs closely resembling some bad artist's conception of modernistic art.

Incidents buried deep in the memory can be restimulated in a dream. In such a dream, the names of two men met thirty years before are mentioned and thus recalled. The dream is then related to a neighbor, because of the unusual factor of recall, for the men had been met very casually at the time, and the meeting was of no significance. That the names should suddenly turn up in a dream after thirty years seemed phenomenal. The neighbor is impressed because he knows both men personally. They now reside in a town 2500 miles away from which the neighbor has just moved. The neighbor and the writer have something in common. Would the dream have occurred otherwise?

Consider that the individual is subject to a constant bombardment of "messages" coming through other than the five orthodox senses, as well as the orthodox senses, and the unconscious interpretive apparatus is constantly at work in an attempt to decode these "messages," with no help or cooperation from the conscious, because modern education has dogmatically taught us that there are no such "messages." It works on its own, automatically, and the result, in most cases, is MISINTERPRETATION, which has many effects, including pain, dangerous compulsions, psychosomatic illness, aberrations, emotional

upsets, mental crackups, abnormal behavior, etc. In the few cases where the unconscious interpretive apparatus, with sympathetic conscious help, interprets correctly, the individual is said to have good intuition.

Nervousness often appears to be the result of activity in the unconscious interpretive apparatus. The writer has satisfied himself, by careful observation and recording of data, that when an important event affecting him is taking place at a distance, he experiences a nervous reaction. He has also noted illness connected with such events.

A sudden, unexplainable feeling or emotion may be a "message" that has been picked up, unconsciously interpreted or misinterpreted, and there has been a reaction in the form of an emotion, a compulsion, nervousness, and in some cases illness. If the interpretation is correct, the emotion might serve a good purpose, but if in error, it may be dangerous.

Much valuable data about the functioning of the unconscious interpretive apparatus can be obtained through a careful study of laboratory experiments with hypnosis. Under such circumstances, interpretation can be directed by an operator. The interpretive apparatus will obey orders and accept commands. The hypnotized subject may be told that he will feel no pain while a tooth is pulled. The tooth is pulled and no pain is experienced, because pain is a reaction to interpretation. The subject may be told that when he awakens he will have a headache upon a certain signal, and the subject will experience the headache. There can still be conflict, and a directive may be obeyed only partially.

An experiment at Harvard University will display some interesting data concerning compulsions. (See *The Psychology of Suggestion*, by Boris Sidis, once superintendent of the N.Y. State Pathological Hospitals.)

When an intelligent man is placed under hypnosis, the operator tells him that after he awakens, upon a certain signal, he is to rise, secure an umbrella from the corner of the room, raise it, and walk up and down the room six times.

After awakening and when the subject is engaged in animated social conversation, the signal is given. He continues his conversation, but rises, secures the umbrella, and walks up and down the room six times. HE DOES NOT RAISE THE UMBRELLA.

When enlightened as to the planted suggestion, he explained, "I had a terrific desire to raise the umbrella, but it seemed so silly that I fought it down."

These principles have long been exploited by advertising experts who rely on bypassing the conscious and getting their suggestions into the unconscious, where the interpretive apparatus can be directed. They rely on repetition. A newspaper editor once remarked to the writer, "The people will believe anything if you tell it often enough and long enough." That is the principle behind all modern advertising. Reach the interpretive apparatus and you can cause a compulsion. Someone is forced to "reach for a cigarette."

These are artificially created compulsions. They are conditioned reflexes. There are also naturally created compulsions, and all compulsions have a dangerous potential. Compulsions are created by thousands of years of history, by your heredity, and by some very primitive things, but compulsions function mathematically, according to geometric patterns. It is possible to understand these functions, and when we understand them, like the man with the umbrella, we don't have to do as a compulsion tells us. To thoroughly understand a compulsion is a move to exclude its existence.

A COMPULSION IS FREQUENTLY THE RESULT OF A SURVIVAL DYNAMIC BEING

BROUGHT INTO PLAY UNNECESSARILY AS A RESULT OF A FAULTY INTERPRETATION ON THE PART OF THE UNCONSCIOUS INTERPRETIVE APPARATUS. THEREFORE, IT BECOMES IMPORTANT THAT WE KNOW AS MUCH AS POSSIBLE ABOUT THE CHARACTER OF THE SURVIVAL DYNAMICS AND THE MANNER IN WHICH THEY FUNCTION.

Let us pause to remind you that we earlier stated that it is our purpose to give you as complete an understanding of the twelve basic principles of astrology, as represented by the twelve signs of the zodiac, as possible, because the more thoroughly you understand these principles, the easier everything else will become. When you grasp these principles thoroughly, you'll almost go the rest of the way on your own. You will ultimately reach a point where you will grasp things more rapidly than we can tell them to you. You will get ahead of us...Now, let us deal with the very first of these principles.

### THE INDIVIDUAL SURVIVAL DYNAMIC

The primitive purpose of CANCER is Individual Survival.

This is the most primitive of all life purposes. Are you going to get enough to eat, or are you going to starve to death? Only one thing counts. Are you going to get enough to eat? Unknown to themselves, in many people, there is a record of this, and it plays over and over. It constantly repeats this question. There is no rest, for this record plays on, day and night. It never stops. There is buried fear of a food shortage, of possible starvation.

In a civilization where there is an excess of food, this dynamic loses its utility, but it continues to function, and it constantly influences the interpretive apparatus, resulting in misinterpretations. It employs the same methods adopted by the modern advertising agencies, for they copied it.

Later, you will have the opportunity of studying those people whose lives are dominated by this dynamic. Their behavior will have a new meaning for you. You will understand them better than they understand themselves.

One person may become a thief or a sharp business man. His methods may ultimately destroy him, but if they do not, they may do ample damage to others. He may be very selfish, and he may overeat, thus ruining his health. There may be balancing factors, so that he gets along without too serious consequences. After all, he is friendly. He is not violent. He is nice to you, and you will have to like him, because he seems harmless. You may feel sorry for him. He is such an inoffensive person. He wants company, for he is insecure. He never likes to be alone. He might marry for money or to get a good cook. He has a close affinity for a dining room or a kitchen. He is usually looked upon as domestic, because he unconsciously clings to the home and the kitchen, where the food is kept. He likes people who invite him to dinner.

He saves things. In fact, his wife complains about the way he keeps the home and the back yard cluttered up with junk. He is a conservative. (Calvin Coolidge and John D. Rockefeller were of this sign.) He may hide money away in strange places. The women may be babyish (so are the men), welcoming protection, and usually drawing it to themselves. Such people are always interested in shortages, and will buy up a short supply, in order to resell at a profit. These people are great traders, and are constantly testing you to see how ripe you may be for a trade that would be profitable to them. The men have a favorite expression, and no matter how much they accumulate, they will keep repeating it. It goes, "I'm just a poor boy trying to get along." This expression always seems to be a dead give-away. It will peg them every time. The factor of arrogant pride is completely lacking.

They are humble and not above begging. They make excellent salesmen, because they sense what the client needs, or they will study carefully until they learn, and they will tolerate any kind of abuse in order to clinch a sale.

There is never complete relaxation, for something might go wrong, and there is ever a fear of poverty in old age. Such fears are ever being fed into the interpretive apparatus. Yet, these men are kind. When John D. Rockefeller became the wealthiest man in America, he became noted for giving away newly coined dimes. They cost no more than the old worn out dimes. The primitive still operates.

The writer's study of the birth dates of 5000 men listed in *Who's Who in Commerce and Industry* (later published in *Season of Birth*, by Dr. Elsworth Huntington of Yale University) revealed that Cancer men are the most successful in the accumulation of money.

The disease Cancer was originally named after this sign of the zodiac. The disease is an accumulation of extra cells. There is no statistical data at the moment to show whether there is any connection. It should ultimately be investigated to determine whether the disease may be the result of unconscious misinterpretation relating to fear of non-survival due to a food shortage.

It should be noted that the ancients associated this sign with the stomach and the breasts.

Various zodiacs found in different parts of the world had different symbols for Cancer, but there appears to be no place where the sign was not symbolized by a shell fish. The most common symbol was the crab to portray the characteristic of tenacity. The crab grips and hangs on, and the Cancer native is likely to grip and hang onto money and possessions in the same primitive manner. In dream symbology, kitchens or dining rooms appear to have some association with the Individual Survival Dynamic. Such dreams may portray an unconscious fear of insecurity. We suggest, as an unproven fact, that the Cancer dynamic may have some association with the sense of smell. We know that the sense of smell is over emphasized, and these people are very outspoken as to whether an odor is pleasant or unpleasant. We wish to emphatically state, however, that our evidence on this point is not sufficient for a conclusion.

### THE FAMILY SURVIVAL DYNAMIC

The primitive purpose of SCORPIO is Family Survival.

This is the next most primitive of all life purposes. The life of the family began before that of the individual and extends beyond the life of the individual. Are you going to continue the family? Will someone steal your mate? By making sex a desired act, nature endeavors to perpetuate the family. The ancients associated Scorpio with the sex organs, but because of the quick temper that is also associated with Scorpio, there may be an additional connection with the adrenal glands.

At birth, this dynamic is always conditioned. There is almost an infinite variety of possible patterns sex can follow, and some of them can be very destructive. There are stimulants, curbs and shock absorbers. The sex dynamic is powerful and not something that can be handled successfully by invoking one set of rules for all persons, which is a dangerous procedure on the part of society. When insanity involves violence, it also involves the sex dynamic. All other violence involves the sex dynamic directly or indirectly. Violence is an expression of fear.

Pains and fevers also have an association with this dynamic, but this will not include all

types of pain. It will not include a toothache. We will discuss this elsewhere. As we have stated, pain arises as a result of unconscious misinterpretation. It can be closely identified with sex. The sadist has to inflict pain to become sexually aroused, while the masochist has to endure pain to become aroused.

It is an odd circumstance worthy of investigation by the medical profession that the astrological and mathematical factors that create excessive sex desires under some circumstances will be accompanied by biological conditions necessitating surgery under other circumstances. This suggests the possibility that many physical ailments concern unhealthy functioning of the sexual system, resulting from misinterpretations by the unconscious interpretive apparatus.

Conflicts involving this dynamic are perhaps the most vital studied in astrology. They involve pain, violence, murder, rape and matters that occupy much space in sensational magazines and newspapers, furnishing the background for best-selling fiction. Accidents are usually caused by faulty functioning of this dynamic. One's attention is usually placed elsewhere, often in another moment of time.

This dynamic can express itself in temper and violence, when the unconscious interpretive apparatus interprets an incident as a threat to family survival, but the force can be poorly directed. It misses the mark.

The writer once had a Boston Terrier as friendly as they come, but she objected to anyone pulling her tail. If you pulled her tail, she would bite, but she would not bite you. You would be behind her, and she would bite whoever was in front of her, without investigating.

If the boss gives Mr. Smith a bad day, Mr. Smith may go home and beat up his wife or children. He does not beat up the boss. The force follows the course of least resistance. The attack is on the weak. Children are often the objective because they can't defend themselves. The release of emotion follows the course of least resistance. If the boss himself has this dynamic stimulated, everyone at the office may have a bad day. If the teacher has her family survival dynamic frustrated the night before, the children may be punished. The husband may love his wife and hate a man who admires her, so he beats up his wife. Children are probably the chief victims of the misdirection of this dynamic. In turn, they catch what the adult has, and cruelty may be their reaction. It becomes the way to act.

Although vindictiveness is associated with Scorpio, there is an unconscious primitive cunning, for this dynamic fails to function before superior power. It seldom directs its force against a more powerful opponent, but will submit to and endure pain on such occasions, and this is where masochist tendencies appear to begin. In sadism, the desire to inflict pain is aimed toward the loved one instead of a possible competitor. Jealousy arouses the sex passion. Cruelty is an abnormal sex reaction.

We have stated there are conditioning factors, and there are circumstances where general tendencies can be reversed. The old buffalo bull will fight to the death rather than allow a young bull to share his cows. The cows will become sexually stimulated and will also attack the old bull as soon as his defeat is apparent, and for future reference, note that the bull was the symbol of another sign of the zodiac, Taurus, the sign exactly opposite Scorpio.

This dynamic can express itself in love or hatred. Love brings family continuation. Hatred is intended to protect the family. If the mate is indiscreet in sexual relations, love may be translated into hatred, for this might bring survival to the wrong family. The dynamic causes compulsions. When dominated by it, individuals do not understand or control their

own behavior. They are automatons. A harmless incident may be followed by rage due to faulty functioning on the part of the unconscious interpretive apparatus. It may be much as if a demon has taken over. When the rage is over, there may be sorrow, remorse and the most apologetic reaction.

There were three different symbols employed by the ancients to represent Scorpio and the Family Survival Dynamic, the scorpion, the serpent and the eagle. It has been said that the eagle was supposed to portray the higher manifestations of Scorpio, while the scorpion was supposedly representing the lower manifestations.

We understand why the eagle was sometimes employed as a symbol when we realize that in its harmonious application the dynamic produces executive ability. It enables one to direct the activities of others, which is helpful to family survival, for the good executive is able to support his family.

Scorpio can be very human and emphatic rather than sympathetic. The sympathetic or compassionate person may suffer pain upon seeing someone wounded, but the emphatic person will act. Instead of feeling pain, he will rise to the occasion. This has to be characteristic of the surgeon, for all surgery seems linked with this dynamic. He cannot do his work efficiently if he faints at the sight of blood.

Scorpio supplies ability to direct others and obey commands of superiors, often producing good military men. Theodore Roosevelt and General George Patton are to be included. There is the ability to arouse emotions in others, as demonstrated by the two outstanding evangelists of this century, Billy Sunday and Billy Graham, driven by the sex dynamic.

#### THE SOCIAL SURVIVAL DYNAMIC

The primitive purpose of PISCES is Social Survival.

The second dynamic places greater value on the family than on the individual. It is more important for the family to survive. The third dynamic places greater value on social survival and may sacrifice the individual and the family in the general interest of society.

The third is the strangest, and perhaps the most interesting, of all survival dynamics. It is a principle overlooked by Darwin, for it involves survival of the weak.

The interests of the individual and the family may be ignored. Socialism is merely an expression of this dynamic. We also see its better manifestation in such organizations as The Society for the Prevention of Cruelty to Animals, the Society for the Prevention of Cruelty to Children, the Salvation Army, the Red Cross, etc. We see it in social legislation.

Unfortunately, the negative manifestations are more often in evidence, because the individual is having difficulty in discovering his or his family's relationship with a confused and mixed up society that wants to be "proper." Maladjustment in the functioning of this dynamic leads to insanity and illness of other forms. There is subconscious confusion. Primitive astrological interpretations linked Pisces with prisons, hospitals, institutions, the underworld, scandal, fraud, deception, crime, secretiveness, alcohol, drugs, anaesthetics. When we see how the pieces fit together, they look less primitive.

The great problem here is that the individual senses the evils and hypocrisy of society and has no clear plan as to what should be done about them. Society uses every foul means of justifying itself. It glorifies itself by claiming to be an image of God, kills and eats other



beings and justifies itself by believing that God planned it that way, giving man dominance over all beings. Sins are justified by incorporating them into a religion and declaring it to be the will of God. Children are taught they must respect evil authorities and evil parents. In the name of God, great works like those of Copernicus and Kepler were banned by the church while false conceptions of Ptolemy were upheld by the church. In the name of religion, virtues are declared to be sins while sins are upheld as virtues, and the individual is not looked upon as "proper" unless blindly accepting the false doctrines. Violence, oppression, murder and theft are all glorified by the mere declaration of a holy war. The individual finds that to be "proper" and a respected part of society, it is necessary to keep virtue and sin so closely identified that they become indistinguishable. The automatic reaction of nature results in various forms of illness including mental illness.

Sympathy and compassion are qualities of Pisces. They are greater than any respect for law, order and convention. These become secondary. The law is circumvented. The objective must be achieved, secretly if necessary, but very often an illegal course is followed. The effort to pack the Supreme Court was a manifestation of this dynamic. Socialism need not be considered as a product of man, it is the functioning of the Social Survival Dynamic. There is compassion for the underdog, the downtrodden, the abnormal, the sick, the weak, the beggar, the criminal, the servants, the employees, the lower classes, lower beings, pets, animals, the alcoholic, the dope addict, etc.

Just as the first two survival dynamics are often misdirected, the third survival dynamic is more often misdirected. When the unconscious interpretive apparatus begins pushing up emotions founded upon misinterpretations, there are many weird results. A sympathetic newspaper editor and his family once tried to convince the writer that Al Capone was one of America's greatest humanitarians. You will find an ample number of persons to defend most gangsters and criminals. The answer lies in the fact that there is some good in the worst of us and some bad in the best of us and a lot of bad in the sum of society. This was a fact that Warden Lawes tried to recognize. This dynamic was strong in his birth chart, and he was the country's greatest prison system reformer. Nature occasionally revolts against society's evils in strange ways.

The ancients associated Pisces with the feet. It is also to be associated with rhythm. Peasants dance to rhythm. This dynamic predominates in the birth charts of musicians. Savages and primitive people always dance to rhythm and associate it with religion. More advanced people dance to rhythm. We dance with our feet. A love of poetry is an expression of this dynamic. Poetry is rhythm. Rhythm seems to be some form of expression of the Social Survival Dynamic. L. Ron Hubbard lists the sense of rhythm among the unknown number of senses.

This dynamic became extremely strong in 1933, and the country was swept by new social legislation in an effort to protect "the forgotten man." Much of it survived and became a part of society, but other parts, such as the National Recovery Act, fell by the wayside. In our own country, waves of people turned to Stalin Communism, evidence of poor functioning on the part of the unconscious interpretive apparatus. The motive may have been worthy but resulted from unconscious misinterpretation.

The pathological liar is not a willful liar. He is not conscious that he is not telling the truth. He is having trouble with this dynamic. We have many pathological liars. They prove quite successful in selling and advertising. Business men seek them out.

When this dynamic functions healthily, the psychic faculty results. There is the ability to read the minds of others, while dreams may be accurate video of what is occurring elsewhere. One may tune into Jung's collective unconscious.

When the dynamic is functioning improperly, one's social relations present problems, and a hunger develops, a hunger for cigarettes, alcohol or drugs. There is an attempt to escape.

In an effort to overcome the enemies of society, or those persons momentarily interpreted to be enemies of society, the method is not a frontal attack, but one to trick, ensnare, deceive, trap, persuade, suggest, hypnotize and overcome with propaganda. We see this dynamic functioning daily in international relations. We fill our State Department with people in whom this dynamic is powerful, at times with abnormal results.

This dynamic was strong in the birth chart of Luther Burbank, who reformed botany and treated flowers like children. He talked to them, and maintained that they responded to his love and affection.

Too often, lofty motives are without means of achievement, and they are said to be impractical. They are impractical when they ignore the existence of the first and second survival dynamics. This third dynamic is often considered impractical or impracticable by organized society. Any share-the-wealth policy is usually frowned upon by those who momentarily possess the wealth. Such a policy is interpreted as being in conflict with the Individual Survival Dynamic and the Family Survival Dynamic, and both may react and function against the Social Survival Dynamic. Someone may go to jail. Every Robin Hood has conflict between the first and third Survival Dynamics. Some very weird results follow conflict between the second and third Survival Dynamics.

A woman client who had inherited a great deal of money and had no cause for any fear or insecurity was considerably mixed up. Surgery had been employed to remove her gall bladder and appendix, which had grown faulty, but she continued confused. Her birth chart showed a terrific conflict between the Social Survival and Family Survival Dynamics.

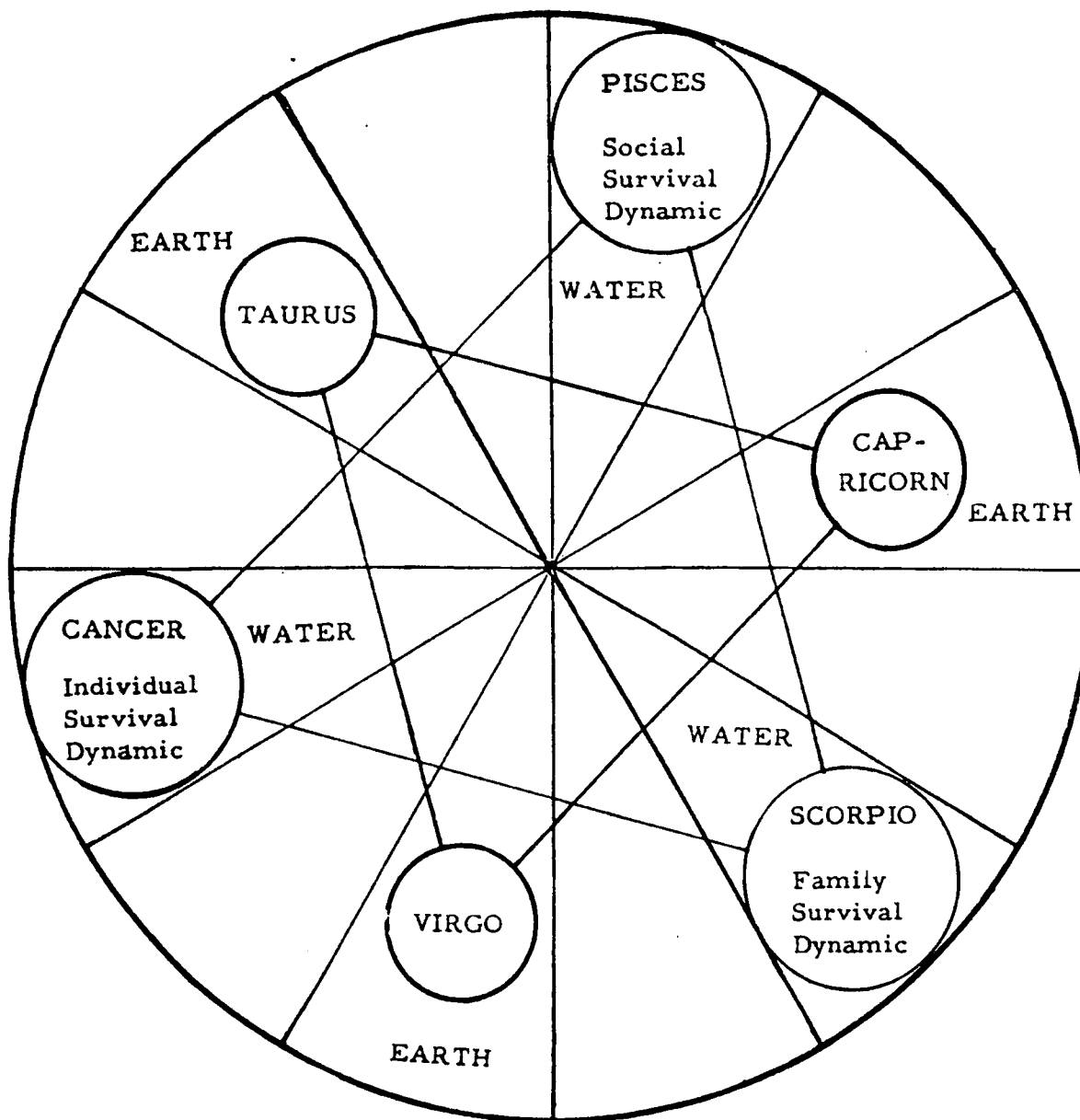
She confessed that throughout her marital life she had committed continuous adultery with numerous men, and that her four children were of different fathers. She covered her indiscretions well. She was suspected by neither her husband nor society, for she was a leader in various philanthropic organizations and highly regarded in her community. Her indiscretions always involved men from a lower social stratum, often men she employed.

We begin to see light when she tells us that her behavior was not so much the result of any sex passion as the result of a deep feeling within her own emotions that men needed her. It gave her satisfaction to believe that she was filling a social need. Unconsciously, she was helping men continue the existence of families. It was a sort of communistic family institution. She had the money to support the children.

The symbol for Pisces was two fish attempting to swim in opposite directions but tied together by reeds. You can draw your own conclusions about what this symbol was intended to portray. It might illustrate the inability of individuals to function as such, since they are tied together within the emotions (Water) by the Social Survival Dynamic. The individual finds it impossible to function alone because he is part of society whether he wishes to be or not.

In the accompanying diagram, we have emphasized the Water signs. The triangle in the zodiac referred to as the Water Triplicity represents the life survival dynamics. Opposite each Water sign is an Earth Sign. Water is always opposed by Earth in the zodiac. The Water and Earth signs together can be represented by the six-pointed star, made by overlapping two triangles. We find it atop every Jewish Synagogue.

THE SURVIVAL DYNAMICS ARE ASSOCIATED  
WITH WATER SIGNS IN THE MATHEMATICS OF THE ZODIAC



It is important to identify the WATER signs in your own mind with the three SURVIVAL dynamics. Note that these three signs form a perfect equilateral triangle in the zodiac. Opposite each WATER sign is an EARTH sign. Midway between any two WATER signs is an EARTH sign. The EARTH signs also form a perfect equilateral triangle. The two triangles of the WATER and EARTH signs form a six-pointed star, which was often repeated in ancient symbolism, and is still to be found atop every Jewish Synagogue.

As you study these three basic dynamics you will realize that we are dealing with something very deep in nature, something that has been functioning for thousands of years, without folks knowing much about it, although the ancients appear to have known about it. You will ultimately watch these dynamics function mathematically and geometrically, and you will realize how crude is a society that attempts to control itself and its destiny without mathematical or other knowledge of these dynamics. Left to fight it out among themselves, these dynamics might result in annihilation rather than survival, but nature has provided a system of shock absorbers to condition the functioning and prevent it from getting completely out of hand. These shock absorbers are the Earth Signs. An Earth Sign is always there, opposite a Water Sign. In our next lesson, we will deal with these EARTH SIGNS.

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PLEASE ASK QUESTIONS ABOUT ANY POINTS THAT ARE NOT ABSOLUTELY CLEAR!

A little later, we will have some questions that we will want YOU to answer, but right now, we would like to have YOU send in any questions relating to these first two lessons which may not be clear to you.