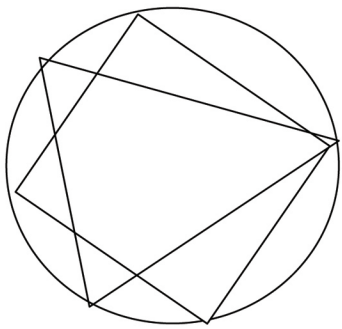
THE GANN PYRAMID

SQUARE OF NINE ESSENTIALS

Daniel T. Ferrera



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PUBLISHER'S PREFACE

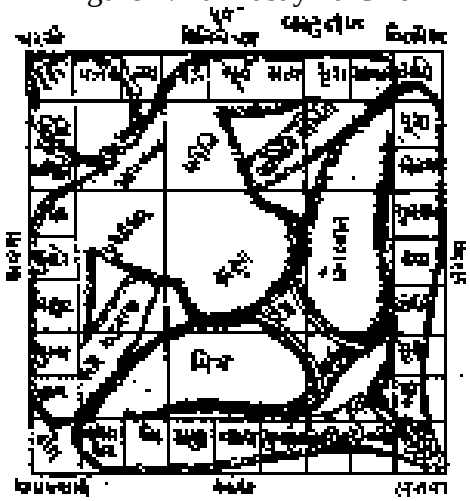
The Square of Nine is undoubtedly the most mysterious and popular of W. D. Gann's financial market calculators. There is something about this strange number wheel which intrigues all who see it, whether they be market enthusiasts or school children. There have probably been more courses written about the Square of Nine than any other of Gann's trading tools, yet there has been very little actually said.

One wonders what it is about this spiral number chart that so peaks everyone's interest. Is it simply the promise of great fortune for decoding the secret calculator of a legendary market master? Or is there something more subtle, something mysterious, ancient, and unknown that resonates deeper in the being of those intrigued by this chart? Upon exploration, we are pleasantly surprised to find that the Square of Nine is something that extends far beyond being simply an interesting trading tool of a legendary forecaster. In fact the Square of Nine has a history which extends into the far reaches of antiquity, deep into its ancient mysteries and sacred sciences.

It is said that Gann discovered the Square of Nine in India, a story that has not been verified, but would not be surprising since the Square of Nine may be found all over India. In Hindu temples throughout the land, there are small 5 x 5 squares (the inner square of the Square of 9) next to the doorways, with the squares serving as small containers filled with the earth and various botanical and natural elements of the region, while the temples themselves are designed according to exactly the same pattern.

This leads us to an ancient Vedic diagram called the Parmasayika Grid (Figure 1) which divides the Hindu Pantheon according to the measures of the "Purusha" (unmanifest creative potential) of the primal cosmic man, the "Anthropocosmos". In this diagram a lotus grows out of the naval of the cosmic man, at the exact center of the grid. This lotus is "Brahma" the universal vital principle, extending itself out through the lotus blossom into the multi-dimensional grid of the manifesting universe. Since vegetable growth, along with all life, extends itself in spiral motion, it would circumambulate the grid from center ring to outer, just as price and time do on Gann's calculators. As the lotus grows, it progresses from the greater deities at the center to the lesser deities at the outer edge, the deities representing in the sacred tradition, universal laws and principles by which all that is born and exists in manifest space-time is governed.

Figure 1. Parmasayika Grid



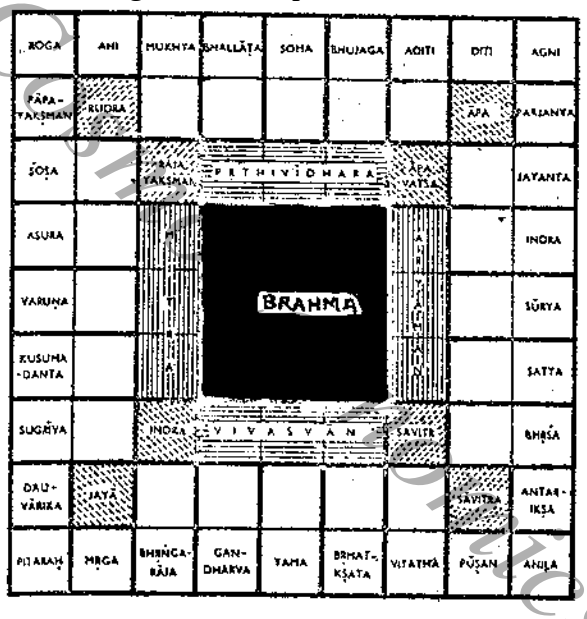
This universal vital principle, “Brahma”, which comes forth from the center as the lotus flower extending itself into 3 dimensional space-time, is pure consciousness projecting itself into form according to mathematical relationships and harmonies. This projection can take on individual and physical form like a tree or a person, or it can be a group form like a business, a school or even an essentially non-physical thought form like a financial market. That group form is composed of all of the thought, work, energy and activity of any kind that is connected with that particular pattern of form. Hence, soybeans and charts of soybean behavior are graphical representation of the conglomerate of thought energy about soybeans, expressed as price behavior and driven by buying and selling, or hope and fear as Gann put it, craving and aversion in the Buddha’s terms. Financial markets then, are barometers of mass human consciousness, and soybean charts are maps of the motion or activity of human soybean consciousness as it progresses through time.

Changes in a particular form or entity occur as a result of the sum of the effects of all energies internal and external as they relate to or influence that form. In seeking to forecast the financial markets, one must develop some understanding of the forces that effect the form and how they operate, so that one can anticipate changes through knowing their causes. Various techniques of market analysis represent certain perspectives of perception of these influences and the reactions to them of a particular thought pattern, like soybeans. Thus, price charts of the financial markets are representations of universal forces as expressed through the medium of human consciousness concentrated in a particular pattern. This is what is meant by the universal vital principle, “Brahma,” which extends itself through every human, plant, animal, insect, planet, and cell, throughout everything in the cosmos, for it is the principle of action in the Now, the Verb which is the Function, which determines the nature of these particular patterns of Form existent in the manifest universe.

In ***The Hindu Temple***, Stella Kramrisch presents the ground plan for Hindu temples since ancient Vedic times, called the Vastupurusamandala (Figure 2), again our Square of 9, defining it as, ”the place for the meeting and marriage of heaven and earth, where the

whole world is present in terms of measure, and is accessible to man…" She explains that its essential form is a square which, "can be converted into a triangle, a hexagon, octagon and circle of equal area and retain its symbolism…" Sounds strikingly similar to Gann's Coffee Rio, Hexagon, and 360 Degree Charts. She further explains that, "the Vastu of 64 squares is meant for the construction of shrines and for worship by Brahmanas, and the Vastu of 81 squares is for the construction of other buildings and for worship on behalf of kings." Here with the 8 x 8 square, we discover Gann's Square of 4, the inner square of the Square of 8, as the alternative to the Square of 9, perhaps giving us an explanation for Gann's use of 8 x 8 grid paper for his charts. Kramrisch continues, "the square of the Vastupurusamandala is divided into small squares and in diagonals…their points of intersection are the vital parts and tender spots (marma) of the site…these must not be hurt or interfered with…", Gann's familiar crosses forming the "hot spots" on the Square of 9.

Figure 2 Vastupurusamandala



However, we may still wonder what exactly these sensitive "marma" points are measuring; how is this "marriage of heaven and earth" quantified? An ancient Hindu architectural text dedicates its wisdom, "for the pleasure of the astronomers and astrologers, as it has been transmitted from Brahma to our days through an unbroken series of sages. Building is begun under favorable stars. They are consulted when the ground is taken possession of and when the rite of depositing the Germ of the temple is performed. The regents of the planets and the stars have their allocation in the diagram of the temple and their images are carved on its walls. By them are regulated the measurement of the whole building and its parts; the life of the donor, and the age of the temple too. The temple is built in the likeness of the universe and is its reduced image."

Growth within the builder's grid ensues from a specific point of birth, and exactly at the point when the seed is germinated and growth initiated, the planets and stars are carved

into their positions on the walls of the grid. On the walls of Gann's grid we find the 360° circle of the zodiac, marking the motions of the planets and stars, and the birth point is likewise an essential key for Gann, for it is the beginning point of the number count in the square, and essential for casting a proper natal chart. The Square of 9 is an instrument which calculates the mathematical measure of the growth of a form from a germination point, and correlates the motion or growth of that form with the astronomical and astrological influences governing it, allowing the analyst to read the stages of and influences upon the development of the Stupa, lotus, form or market.

Daniel Ferrera in his new course, ***The Gann Pyramid: Square of Nine Essentials***, beautifully describes the various functions of the Square of 9 as a mathematical and astronomical calculator. He also points out that the Square of 9 is not to be perceived in only its two-dimensional perspective, but as a pyramid, spiraling from the center around and down to the outer ring at the base of the pyramid. This ties in nicely with our understanding of natural growth and its relationship to the extension of Brahma through the lotus, temple or market. Manifest form projects itself into the three dimensions of space and time in the form of a three-dimensional conic, not a two-dimensional spiral. Therefore we should perceive the growth of our form taking on extension in the Z-plane forming a vortex, whirlpool, or conic spiral as it rotates through the mathematical grid of planetary and stellar influences.

India is not the only ancient civilization to have possessed this subtle wisdom. Again, in Ancient Egypt we find the same design built into the ground plan of the Great Pyramid, probably the oldest surviving structure on Earth, dated by recent research to perhaps earlier than 10,000 B.C.E., and theorized by some to be the last remnant of the legendary Atlantis. Schwaller de Lubicz, one of the greatest thinkers of the 20th century, Pythagorean, alchemist, and egyptologist demonstrates in his monumental work, ***The Temple of Man***, that the Square of Eight & Nine form the backbone of the Egyptian ***canevas*** about which he says, "The mentality of the Ancients is geometric (Functional), and, in Egypt, it always refuses the scholarly form that substitutes the mental concept for the graphic means…[this] allows us to place canon, architecture, and calculation on a sort of "backdrop" that we call the ***canevas***, the grid pattern of squares used by the ***Bauhutte*** [mason's guild] of the temple builders." Of the importance of the Square of 8 and 9 grid relationship, Schwaller says, "These two lengths, 8 and 9, are related to musical harmony and are the very heart of the 'hieratical pavement.' This is the tone in music and also the ratio between the diameter of a disk and the side of a square of the same surface area. The sum of 8 and 9 is 17, the famous number of Jabir [the famous Arabic alchemist of the 8th century C.E.]. It is associated with 28 and is the key number for the "balance" (***mizan***, measure of balance)." Not surprisingly, this same "hieratical pavement" also forms the basis of the labyrinth floor designs of the Gothic cathedrals of Chartres and Reims.

Schwaller shows how this ***canevas*** is integrated into all Egyptian art & architecture, most particularly the Temple of Luxor, a second millennium B.C.E. temple built by Amenhotep III, father of the enigmatic heretic Akhnaten, to whom the Rosicrucian Order traces the origin of their secret society. Schwaller considers the Luxor Temple one of the structures in Egypt, calling it the "Temple of Man" because it contains within its

architectural symbolism a model of cosmic man, Purusha, or Anthropocosmos, and his relation to the universe, exactly as we have seen in India. This is the model of "divine correspondences" as expressed in esoteric tradition by the Hermetic axiom, "As Above, So Below.

Is it surprising, then, that a diagram of such importance to the ancients is to be found applicable to the modern financial markets? Obviously the ancients chose this design as the basis for their most holy and magnificent achievements for an important purpose. We see in both the Egyptian and Vedic traditions that the Square of Nine has, since the beginning of time, been used as a measure of the relationship between man and cosmos. Perhaps by understanding the role it played in ancient times we may derive some insight into how we may apply it to the manifest realities of our time. It is this value which makes the Square of Nine so intriguing to all who see it. There is something to it which transcends the conscious mind and reaches far back to a subconscious racial memory, finding something mysterious which draws one's attention to this strange mathematical calculator.

This course, while perhaps not revealing the infinite mystery of this most ancient of diagrams, goes further in revealing W. D. Gann's use of the Square of Nine as a market calculator than anything that has ever before been presented. We are excited that this material is currently being made available, and hope that it serves as inspiration for further research and appreciation the great wisdom that has been passed down from antiquity through the Ancient Mysteries.

W. Bradstreet Stewart
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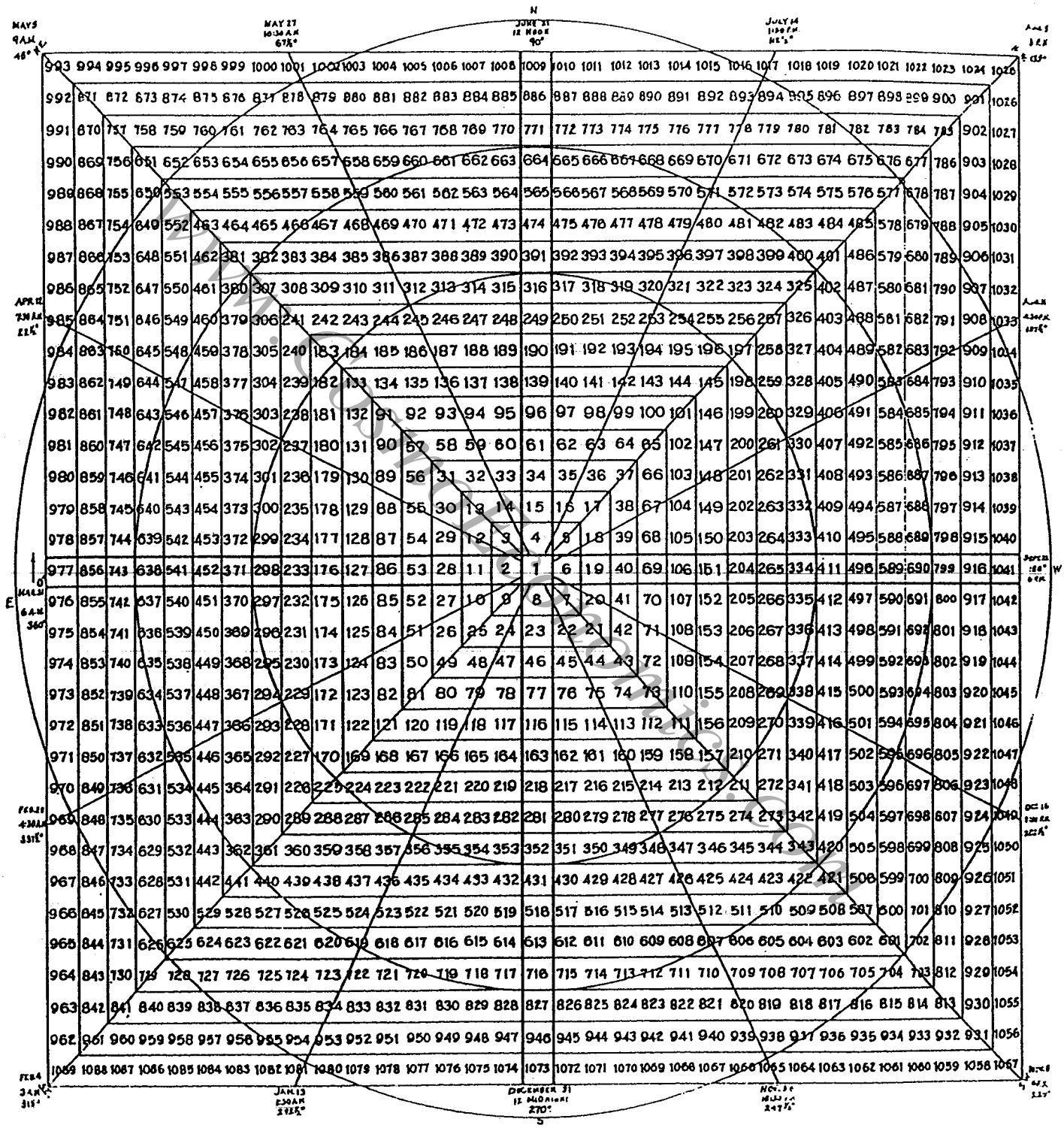
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MAY 5
9 A.M.
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12 NOON
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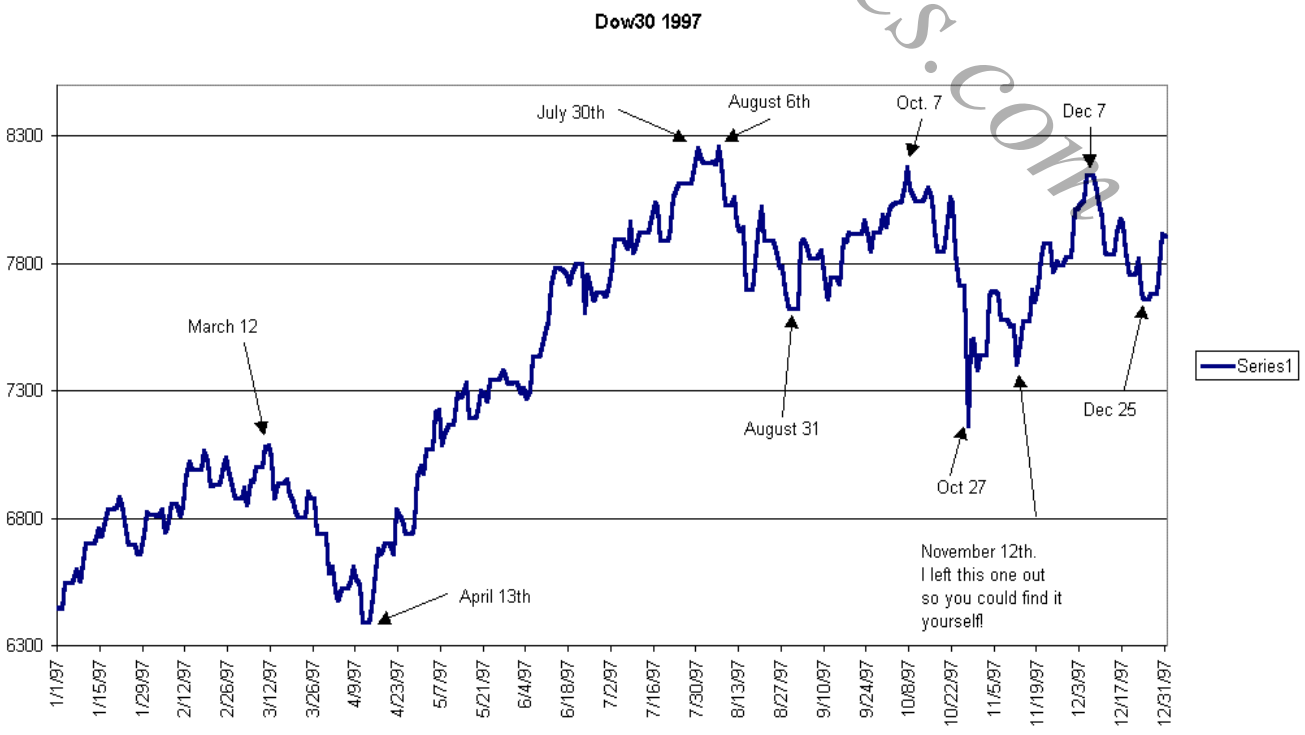
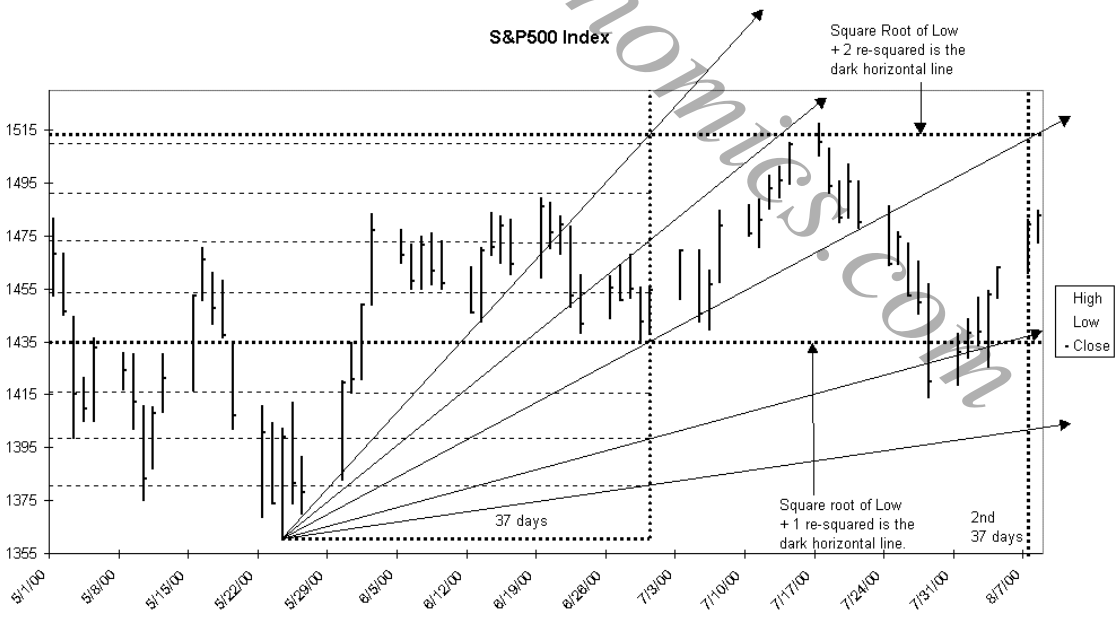
JULY 14
1:30 P.M.
112½°
AUG 5
4 P.M.
135°
APR 12
7:30 A.M.
112½°
SEPT 28
6 A.M.
180°
MAR 14
6 A.M.
360°
FEB 28
4:30 P.M.
337½°
OCT 16
1:30 P.M.
202½°
FEB 4
3 P.M.
315°
JAN 13
7:30 A.M.
247½°
DECEMBER 21
12 MIDNIGHT
270°
NOV 5
10:30 P.M.
292½°
DEC 8
7 P.M.
225°

the same April 13th Low, etc. Now, when we look at this table for 1998, we see that the following dates have multiple geometric relationships to previous turning dates.

The week of January 6th, 1998 is 270° from 4/3/97 and 90° from 10/7/97. The week of January 23rd, 1998 is 315° to 3/12/97, 180° to 7/30/97 and 90° to 10/27/97. The week of February 8th, 1998 is 330° to 3/12/97, 180° to 8/6/97, 60° to 12/7/97 and 45° to 12/25/97. The week of February 24th, 1998 is 315° to 4/13/97, 135° to 10/7/97, 120° to 10/27/97 and 60° to 12/25/97. The week of March 12th, 1997 is 360° (Anniversary Date!) to 3/12/97, 330° to 4/13/97, 225° to 7/30/97. 135° to 10/27/97 and 90° to 12/7/97. April 7th, 1998 is 240° to 8/6/97, 180° to 10/7/97 and 120° to 12/7/97. The week of April 13th, 1998 is 360° (Anniversary Date!) to 4/13/97 and 225° to 8/31/97. The week of April 28th is 270° to 7/30/97, 240° to 8/31/97 and 180° to 10/27/97. This is the basic process used for calculating important future turning dates. The chart on the following page illustrates this technique on a chart. I did not fill in all of the turns so that you would have the opportunity to discover these on your own.

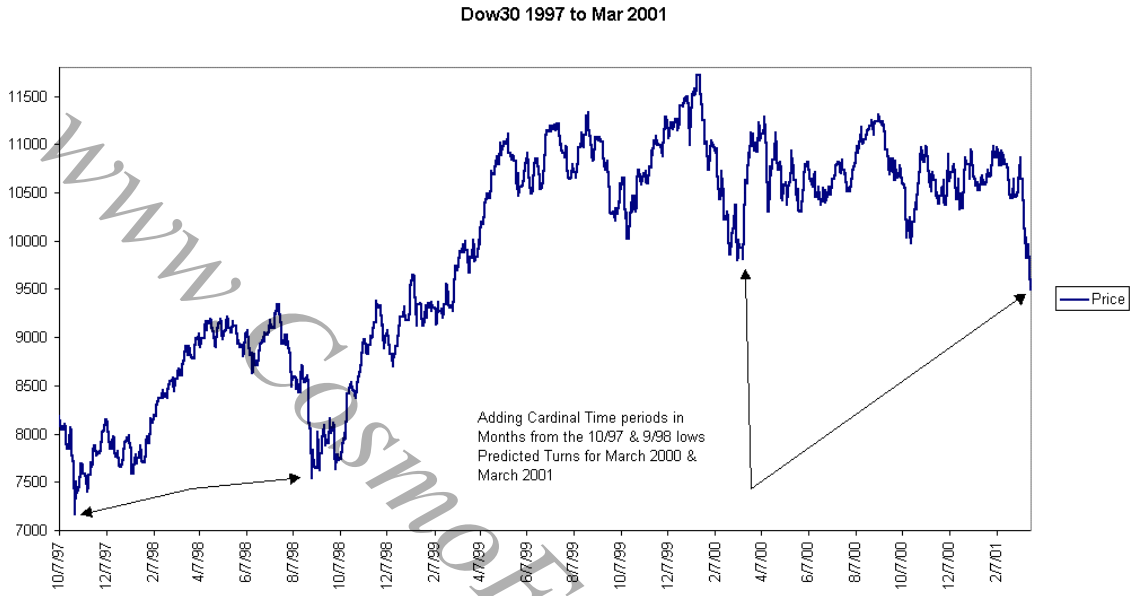


If you look at your Square of Nine chart, you will see that the odd square of numbers (1, 9, 25, 49, etc.) line up on opposite side of the even squares (4, 16, 36, 64, etc.). This relationship is shown on the Square of Nine as the diagonal of the square and is therefore equal to a 45° angle. This is how Gann graphically illustrates the chart. The "odd squares" and "even squares" line up on a 45° angle diagonally through the main center "1". You can also prove this with the Pythagorean theorem, which states that the sum of the squares of the sides of a right triangle is equal to the square of the hypotenuse, i.e. the diagonal. In the S&P 500 example, we advanced 74.78 points in 37 calendar days. This was equal to 26 trading days of 6½ hours each session (9:30 AM to 4:00 PM). Therefore the total trading hours = (6.5 x 26) 169 hours. The Square root of (169^2 + 74.78^2) equals 184.80, which is approximately 5 digits past a perfect 180. This means that the low on June 30th would have been perfectly balanced at 11:00 AM or 164 trading hours from May 24th [Square root of (164^2 + 74.78^2) = 180]. The lightly dashed horizontal

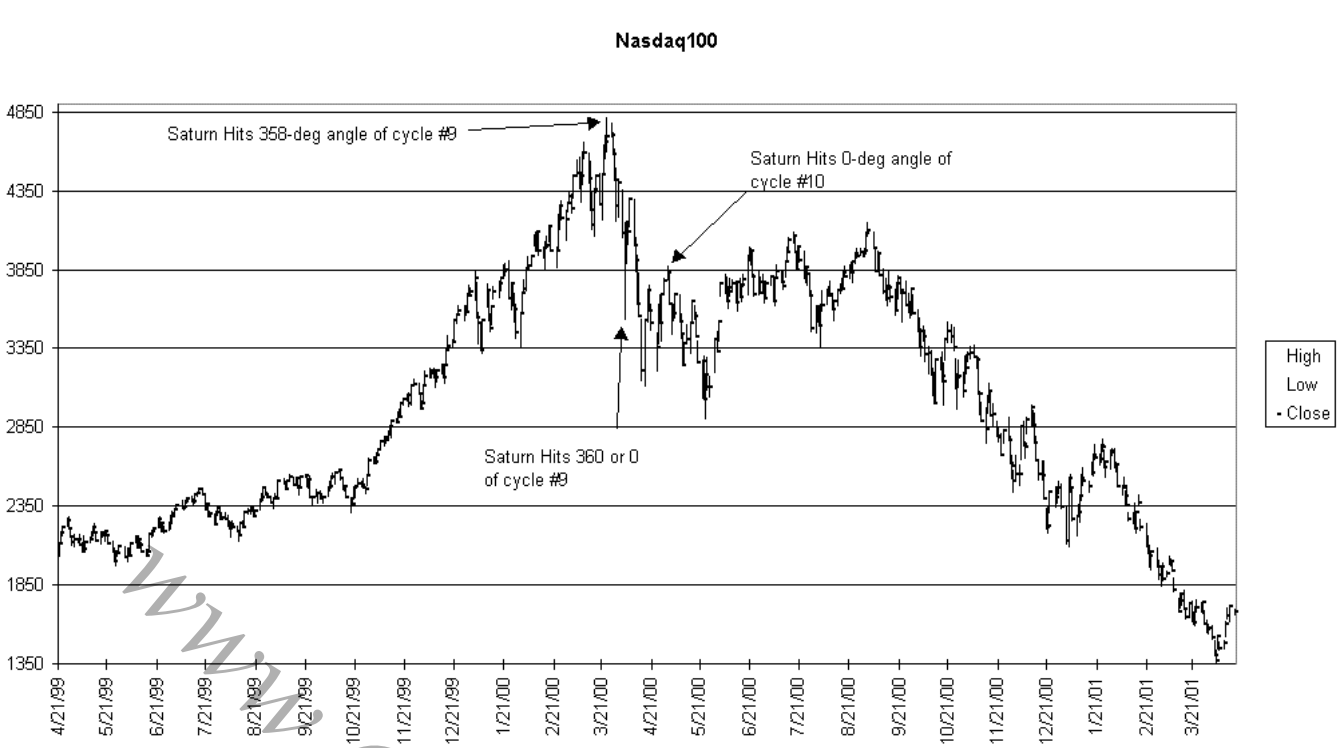


lines are 1/8th lines that were calculated by divining the full 360° range by 8.

dates that can be predicted if you will simply add the "+" cardinal numbers as days, weeks and months to past "major" turning points and circle all the time periods they have in common.



One more time technique we could utilize with our two dates is based upon the square root relationships that were presented near the beginning of this document. What we would do is measure the difference in time between the two dates 10/23/97 and 9/1/98. We could do this in days, weeks, months, or planetary longitude. If we look at days, we calculate that these two lows are 313 calendar days apart. If we take the square root of 313 and add 2 to the root and then re-square the sum, we will get the next number on the same time angle of the Square of Nine. This works out to be 387.76 days. Now we just add this to our 1st date 10/23/97 and we get 11/14/98 as a future turning date that will most likely be some kind of low. We can keep adding increments of "2" to the square root of 313 and re-square to find other dates that are on the same time angle. As an example, if we add 4 to the square root of 313 and then re-square the sum, we get 470.53

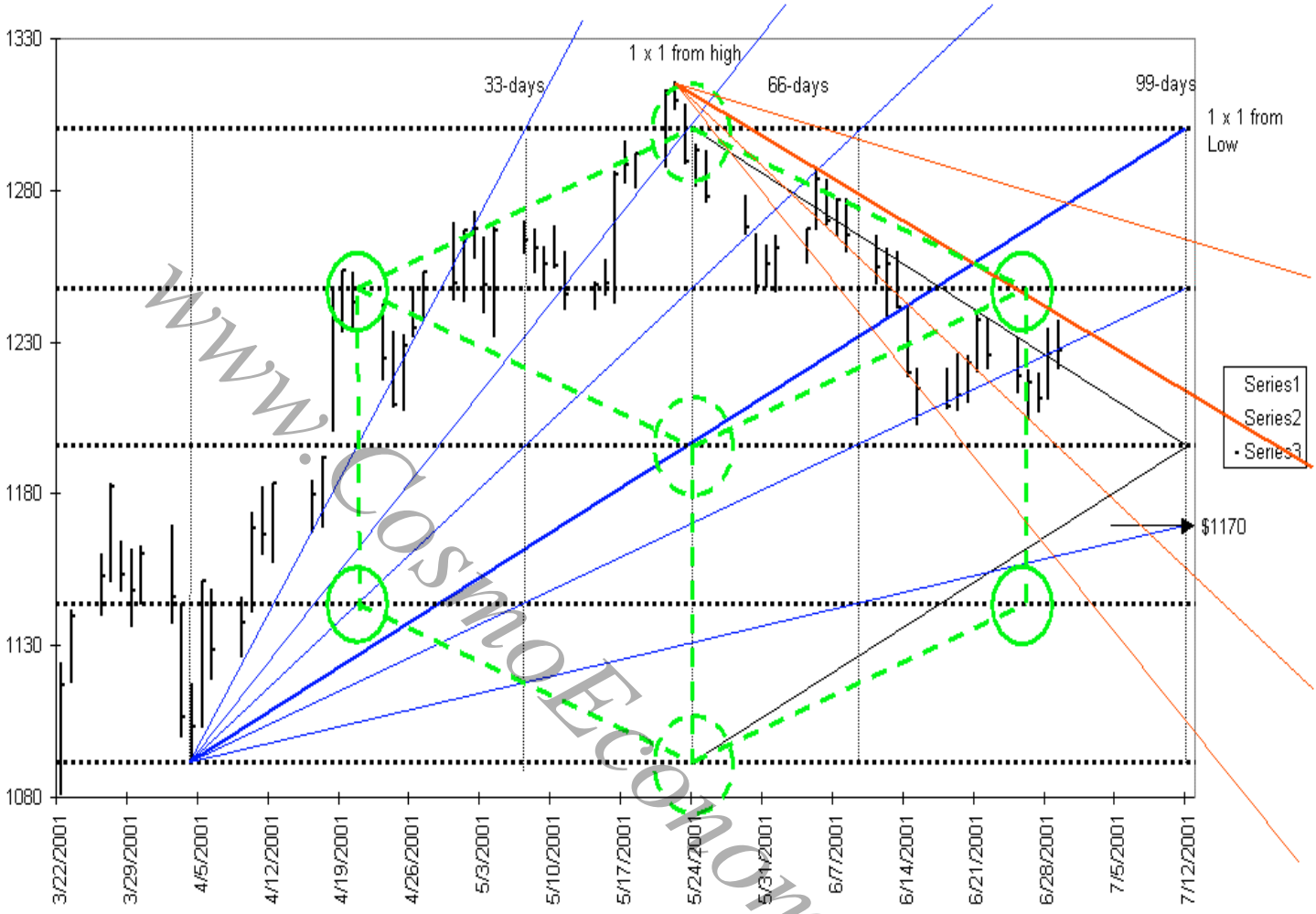


Why did I choose Saturn? Because Gann regularly describes his "Time Factor" as moving 1° per month. This is the average speed of Heliocentric Saturn and is the reason why I use it! Read Gann's description of the Hexagon chart, which is included in the appendix. This chart may have actually been custom made for Saturn, as Saturn moves 60° in 5 years, which is how Gann describes the Hexagon chart. In another quote, Gann says, "The Master Time Cycle which I have used to forecast every important boom and depression or panic for more than 30 years, will in my opinion accurately forecast the next panic". You should note that the planet Saturn takes about 30 years to orbit the Sun. This may have been a clue. Saturn is also associated with the word depression.

Fibonacci Ratios

My friend, Michael S. Jenkins uses Fibonacci ratios as square root increments. He primarily uses 0.236, 0.382, 0.50 and 0.618. For example, he will take the square root of a price, add or subtract 0.382, and re-square the result. Just as we have been doing all

Here is a current S&P500 Example of the Angle Projection Technique on Page 30-32



Note that this market is below the 1x1 (dark blue) From the 4/4 low and also below the 1x1 (dark red) from the 5/22 top putting it in a weak position according to angles. The top on 5/22 occurred 270-deg in time or 49 days from 4/4, i.e 33-days – 180 so ½ of 33 = 16.5 or 90-degrees. Added together gives 49.5 days = 270-degrees or Square. The market has met strong resistance at the 1x1 coming down from the 5/22 top. This angle is coming down at the rate of 1.987 points per day based on the square root of the top.

Dan.