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78 WALL STREET NEW YORK MEMBER
AMERICAN ECONOMIC ASS'IL
ROYAL ECONOMIC SOCIETY
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MASTER CHARTS

The Master Charts are permanent and represent natural angles and permanent resistance points for either price; time or volume. These points do not charge and you should study them carefully on each different Master Chart and learn how to apply them.

MASTER "12" CHART

The MASTER CHART is the Square of "12" or 12 x 12, making the first square end at 144. The Second Square of "12" ends at 238, the Third Square of "12" at 432; and the Fourth Square at 576, which will cover most anything that you want, but you can make up as many more squares as you need.

This chart may be used and applied to anything-- TIME, SPACE, PRICE OR VOLUME, the number of points up or down; days, weeks, months and years.

On Square No. 1, which runs from 1 to 144, I have drawn the finer angles to show the grand-center or strongest resistance point in each minor square. The minor centers, which are the strongest for minor tops and bottoms are 14, 17, 20, 23, 50, 53, 56, 59, 86, 89, 92, 95, 122, 125, 128, 131.

The major center is where the strongest resistance is met. These numbers are 66, 67, 78 and 79. Stocks going up or coming down to these prices will meet with stubborn resistance. The next strong angle is the 45°, and the numbers of greatest resistance on it are 14, 27, 40, 53, 66, 79, 92, 105, 118, 151 and 144. The other diagonal 45° angle from 12 is equally strong. The numbers are 12, 23, 34, 45, 56, 67, 78, 89, 100, 111, 122 and 133.

The numbers which are cut by the 45° angles thru the center of each of the 1/4 squares are next in strength. These numbers are 7, 20, 33, 46, 59, 72, 61, 50, 39, 28, 17 and 6, and on the other side of the Square, after you pass the half-way point, these numbers are 73, 96, 99, 112, 125, 138, 139, 128, 117, 106, 95 and 84.

The numbers at the tops and bottoms of the squares are important prices for important tops and bottoms to be made because they are opposition numbers and are equal to the half-way point. These numbers for Square No. 1 are 1, 13, 25, 37, 49, 61, 73, 85, 97, 109, 121, 133. The top numbers are 12, 24, 36, 48, 60, 72, 84, 96, 108, 120, 132, and 144. These are very important to measure time in days, weeks, months and years.

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<u>andreybbrv@gmail.com</u> <u>andreybbrv@yandex.ru</u> Skype: andreybbrv The opposition angle, which runs thru the center of the Square, from east to west, equally dividing it, is one of the very strong ingles because it equals one-half. Any stock moving up or down and reaching these prices will meet with any resistance and make tops or bottoms. These numbers are 6, 7, 18, 19, 30, 31, 42, 43, 54, 55, 66, 67, 78, 79, 90, 91, 102, 103, 114, 115, 126, 127, 138, 139.

Remember, when anything has moved three sections over from the beginning, it reaches the square of its own place, which is the first strong resistance. When it has moved six sections over, it reaches the opposition, or what equals the half-way point of its own place and meets still stronger resistance. Moving over nine places or sections from its own place, it reaches the 3/4 point, another square. The 8th and 9th sections are the strongest and hardest points to pass because this is the "death" zone. The next and still stronger is the 12th section or column which ends at 144. Anything getting into this section meets the strongest resistance but once it moves out of this square and gets as much as 3 points into Square #2, that is, making 147, will indicate much higher. But after reaching this, it should not drop back to 141 or 3 points into Square #1.

When a stock gets into the Second Square of "12", it has faster moves, and when the time or number of months from any bottom or top moves into the Second Square, it is an indication of faster moves, both up and down.

Apply the same rule to the 3rd, 4th, 5th and 6th Squares. In the 3rd and 4th squares of the Master "12", you will find that most of the big bull and bear campaigns culminate, when measured by months, which determines the division, according to time. All of the other rules given you to apply to Space movements, angles and time, can be used with the Master "12" tables.

SQUARE OF NINE

You have already had the MASTER SQUARE OF THELVE explained, which represents days, weeks, months and years, and the measurements of TIME in the Square of Twelve or the square of the Circle; also used to measure price movements and resistance levels.

The SQUARE OF NINE is very important because nine digits are used in reasuring everything. We cannot go beyond 9 without starting to repeat and using the 0. If we divide 360° by 9, we get 40, which measures 40°, 40 months, 40 days, 40 weeks or 40 months, and shows why bottoms and tops often come out on these angles measured by one-minth of the circle. This is why the children of Israel were 40 years in the wilderness.

If we divide our 20-year period, or 240 months, by 9, we get 26-2/3 months, making an important angle of 26-2/3°, months, days or weeks. Nine times 9 equals 81, which completes the First Square of Nine. Note the angles and how they run from the main center. The Second Square of Nine is completed at 162. Note how this is in opposition to the main center. The Third square of Nine is completed at 243, which would equal 243 months or 5 months over our 20-year

period and accounts for the time which often elapses before the change in the Cycle, sometimes running over 3 months or more. The Fourth Square of Nine ends at 324. Note the angles of 45° cross at 325, indicating a change in cycles here. To complete the 360° requires Four Squares of Nine and 36 over. Note that 361 equals a Square of 19 times 19, thus proving the great value of the Square of Nine in working out the important angles and proving up discrepancies.

Beginning with "1" at the center, note how 7, 21, 43, 73, 111, 157, 211, 273 and 343 all fall on a 45° angle. Going the other way, note that 3, 13, 31, 57, 91, 133, 183, 241, and 307 fall on an angle of 45°. Remember there are always four ways you can travel from a center following an angle of 45°, or an angle of 180° or an angle of 90°, which all equal about the same when measured on a flat surface. Note that 8, 23, 46, 77, 116, 163, 218, 281 and 352 are all on an angle from the main center; also note that 4, 15, 34, 61, 96, 139, 190, 249, and 316 are on an angle from the main center, all of these being great resistance points and measuring out important time factors and angles.

Study the SQUARE OF NINE very carefully in connection with the MASTER TWELVE and 360° CIRCLE CHART.

SIX SQUARES OF NINE

You will receive six Permanent Charts, each containing 81 numbers. The First Square of Nine runs from 1 to 81. Everything must have a bottom, top, and four sides to be a square or cube. The first Square running up to 81 is the bottom, base, floor or beginning point. Squares #2, 3, 4, and 5 are the four sides, which are equal and contain 81 numbers. The Sixth Square of Nine is the top and means that it is times times as referred to in the Bible, or a thing reproducting itself by being multipled by itself. Nine times nine equals 81 and six times 81 equals 486. We can also use 9 times 81, which would equal 729.

The number 5 is the most important number of the digits because it is the balance or main center. There are four numbers on each side of it. Note how it is shown as the balancing or center number in the Square of Nine.

We square the Circle by beginning at 1 in the center and going around until we reach 360. Note that the Square of Nine comes out at 361. The reason for this is: It is 19 times 19, and the 1 to begin with and 1 over 360 represent the beginning and ending points. 361 is a transition point and begins the next circle. Should we leave the first space blank or make it "0", then we would come out at 360. Everything in mathematics must prove. You can begin at the center and work out, or begin at the outer rim and work in to the center. Begin at the left and work right to the center or to the outer rim or square.

Note the Square of Nine or the Square of the Circle, where we begin with 1 and run up the side of the column to 19, then continue to go across until we have made 19 columns, again the square of 19

by 19. Note how this proves up the circle. One-half of the circle is 1800. Note that in the grand-center, where all angles from the four corners and from the East, West, North and South reach gravity center, number 181 appears, showing that at this point we are crossing the Equator or Gravity center and are starting on the other half of the circle.

We have astronimical and mathematical proof of the whys and wherefores and the cause of the workings of geometrical angles. When you have made progress, proved yourself worthy, I will give you the Master Number and also the Master Tord.

THE HEXAGON CHART

Since everything moves in a circle and nothing moves in straight lines, this chart is to show you how the angles influence stocks at very low levels and very high levels and why stocks move faster the higher they get, because they have moved out to where the distance between the angles of 45° are so far apart that there is nothing to stop them and their moves are naturally rapid up and down.

We begin with a circle of "l" in the center and while this only contains 1, yet the circle is 360° just the same. We then place a circle of circles around this circle and six circles complete the second circle, making a gain of 6 over the first one, ending the second circle at 7, making 7 on this angle a very important month, year, and week as well as day, the seventh day being sacred and a day of rest. The third circle is completed at 19. The fourth circle around is completed at 37, a gain of 18 over the previous circle. The fifth circle is completed at 61, a gain of 24 over the previous circle. The sixth circle is completed at 91, a gain of 30 over the previous circle, and the seventh circle at 127, a gain of 56 over the last circle. Note that from the first the gain is 6 each time we go around. In other words, when we have traveled six times around we have gained 36. Note that this completes the first Hexagon and as this equals 127 months, shows why some campaigns will run 10 years and seven months, or until they reach a square of the Hexagon, or the important last angle of 45°.

The eighth circle around is completed at 169, a gain of 42 over the first. This is a very important angle and an important time factor for more reasons than one. It is 14 years and one month, or double our Cycle of 7 years. Important tops and bottoms culminate at this angle as you will see by going over your charts.

The ninth circle is completed at 217, a gain of 48 over the previous circle. The tenth circle is completed at 271, a gain of 54. Note that 271 is the 9th circle from the first, or is the third 90° angle or 270°, three-fourths of a circle, a very strong point. All this is confirmed by the Master Twelve Chart, by the four seasons and by the Square of Nine Chart, and also confirmed by the Hexagan Chart, showing that mathematical proof is always exact no matter how many ways or from what directions you figure it.

The eleventh circle is completed at 351, a gain of 60 ever the last circle. The twelfth circle is completed at 397, which completes he Hexagon, making a gain in 11 circles of 66 from the beginning. 66 months, or 5 years and six months, marks the culmination of major campaigns in stocks. Note how often they culminate on the 60th month, then have a reaction, and make a second top or bottom in the 66th month. Note the number 66 on the Master Twelve Chart. Note it on the Square of Nine and see that 66 occurs on an angle of 180° on the Hexagon Chart, all of which confirms the strong angle at this point.

We have an angle of 66°, one of 67½, and one of 68, confirming this point to be doubly strong for tops and bettoms or space movements up or down.

Note the number 360 on the Hexagon Chart. It completes a circle of 360°. From our beginning point this occurs at an angle of 150° on the Hexagon Chart going around, but measuring from the center, it would equal an angle of 90° or 180°, making this a strong point, hard and difficult to pass, and the ending of one campaign and the beginning of another.

Again with the center of the Hexagon Chart at "1" notice that 7, 9, 37, 61, 91, 127, 169, 217, 271, 331, and 397 are all on this direct angle and are important points in time measurement. Beginning ith "1" and following the other angle, note that 2, 9, 22, 41, 66, 97, 134, 177, 226, 281, and 342 are all onthe same angle of 90°, or an angle of 60° and 240° as measured by the Hexagon Chart.

Go over this Chart and the important angles each way and you will see why resistance is met either on days, weeks, months, or years, and why stocks stop and make tops and bottoms at these strong important points according to time and price.

When any stock has passed out above 120° or especially above 127° or 127 points and gone out of the square of the first Hexagon, its fluctuations will be more rapid and it will move faster up and down. Notice near the center that in traveling from 6 to 7 it strikes the angle of 180° or 90°, but when the stock gets out to 162, it can travel up to 169 before striking another strong angle. That is why fast moves occur up and down as stocks get higher and as they move from a center in time.

Remember that everything seeks the center of gravity and important tops and bottoms are formed according to centers and measurements of time from a center, have or beginning point, either top or bottom. The angles formed going straight up and across, may form just the same going across as the stock travels over for days, weeks, months or years. Thus, a stock going up to 22½ would strike in angle of 22½°. If it moves over 22½ days, 22½ weeks, or 22½ months, it would also strike an angle of 22½°, and the higher it is when these angles are struck and the angle it hits going up, the greater the resistance to be met. Reverse the rule going down.

Market movements are made just the same as any other thing which

is constructed. It is just the same as constructing a building. It is foundation has to be laid and then the four sides have to be completed and last, but not least of all, the top has to be put on. The cube or hexagon proves exactly the law which works because of time and space in the market. Then a building is put up it is built according to a square or hexagon. It has four walls or four sides, a bottom and a top; therefore, it is a cube.

In working out the 20-year Cycle in the stock market, the first 60°, or 5 years, from the beginning forms the bottom of the cube. The second 60°, running to 120, completes the first angle or the first side and runs out the 10-year Cycle. The third 60°, or the second side, ends 15 years or 180°. It is very important because we have the building half completed and must meet the strongest resistance at this point. The fourth 60°, or the end of 20 years or 240 months, completes the third side. We are now two-thirds around the building, a very strong point which culminates and completes our 20-year Cycle. The fifth 60°, or 300° point, days, weeks, or months, completes 25 years, a repetition of the first 5 years, but it completes the fourth side of our building and is a very important angle. The 6th 60 or 360°, completing the circle and ending 50 years as measured by our Time Factor, which runs 1° per month on an angle of 45°, completes the top. This is a complete cube and we begin over again.

Study this in connection with the Hexagon Chart. It will help you.

W.J.Cam

W. D. GANN 91 WALL STREET NEW YORK

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MASTER CEARTS (continued)

THE MASTER CHART OF 360°.

This chart begins at "0" and runs around the circle to "360". We first divide by two and get 180° ; then divide 180 by 2 and we get 90° ; then divide 45 by 2 and we get $22\frac{1}{2}^{\circ}$; then divide 45 by 2 and we get $22\frac{1}{2}^{\circ}$; then divide $11\frac{1}{2}$ by 2 and we get $11\frac{1}{2}^{\circ}$; then divide $11\frac{1}{2}$ by 2 and we get $11\frac{1}{2}^{\circ}$; all of which form the important angles around the circle.

I have only shown all the important angles from 3-3/4 to 366° all the angles drawn in red because they are the important square angles.

After dividing the circle by 2, the next important number to divide by is 3. Dividing by 3, we get 120°, 240° and 360°, making the important transle points. We then divide 120 by 2 and get the angles of 60°, 150°, 210°, 300° and 330°. We divide 60 by 2 and get the angles of 30° and their proportionate parts around. Then divide 30 by 2 and get the angles of 15° and their proportionate angles around the circle. Then divide 15 by 2 and we get the angles at 72° around the circle.

24 hours in a day divided into the circle equals 15° for each hour. There are 48 divisions of the circle of $7\frac{1}{2}^{\circ}$, which are important in measuring day, weekly and monthly time periods.

Study the Major Chart of 360° carefully and you will see why cycles repeat. When anything has traveled up 180°, it starts to go down to the opposite point and each angle up to 180° is the opposite on the other side of the circle. That is why tops and bottoms come out at each one of these degrees. For instance, top coming out at 90° or 90 months at one time will occur 90° or 90 months apart and there will be similar tops causing rapid fluctuations and fast moves up and down because this angle is so acute that stocks can not remain long before starting in the opposite direction.

Note the culminations that occur every 14 and 15 years, 180 months, or when an 180° angle or an angle straight up and down is reached. How rapid the moves are when they near this angle and how fast they move up and down and how quickly reverse. It is the same with the 45°, the 135°, the 225° and the 315° angle. Note how this proves the important campaigns when tops and bottoms work out in regularity an equal number of months apart. Note the 22½° and then follow the next important angle, the 30° angle, then the 45°, then note the 60 and 67½° are close together but both very strong angles. Note also 112½° and 120°, both strong angles and close together, indicating important tops and bottoms. Also note 150° and 157½°, strong angles close together, indicating important tops and bottoms, and so on all the way around.

When the circle is divided by 2 and 3 and redivided, we get the following important angles and measurements of time, space and volume around the circle of 3600:-

5-5/8, 7-1/2, 11-1/4, 15, 16-7/8, 22-1/2, 27-7/8, 30, 33-3/4, 37-1/2, 39-3/8, 45, 50-5/8, 56-1/4, 60, 61-7/8, 67-1/2, 73-1/8, 75, 78-3/4, 82-1/2, 84-3/8, 90, 95-5/8, 101-1/4, 105, 106-7/8, 112-1/2, 118-1/8, 120, 123-3/4, 129-3/8, 135, 140-6/8, 146-1/4, 150, 152-7/8, 157-1/2, 163-1/8, 168-3/4, 174-3/8, 180, 185-5/8, 191-1/4, 196-7/8, 202-1/2, 208-1/8, 210, 213-3/4, 219-3/8, 225, 230-5/8, 236-1/4, 240, 241-7/8, 247-1/2, 253-1/8, 258-3/4, 264-3/8, 270, 275-5/8, 281-1/4, 286-7/8, 292-1/2, 298-1/8, 300, 303-3/4, 309-3/8, 315, 320-5/8, 326-1/4, 330, 331-7/8, 337-1/2, 343-1/8, 348-3/4, 354-3/8, 360, which completes the circle.

These points are all made by a division of angles and are measurements of one-half, one-third, one-fourth, one-eight, one-sixteenth, one-thirty-second and one-sixty-fourth.

Compare these points with your Master Twelve Chart, your Square of Nine Chart, your Hexagon Chart and your Major Chart of 360°. You will see how they all confirm the important angles and time factors.

The number "7" being so important in determining the culmination in weeks, days, months and years, we must divide the circle by 7 to get the important points, or the one-seventh points in the circle, which are vital and important angles.

The first one-seventh of 360 equals 51-3/7, the second equals 102-6/7, the third equals 154-2/7, the fourth equals 205-5/7, the fifth equals 257-1/7, the sixth equals 308-4/7 and the seventh completes the circle, equalling 360 degrees, days, weeks, months or years. If you divide each of these points by 2, you will also get other important and valuable angles which will confirm and correspond to the other angles in the other charts.

One-seventh of a year or one-seventh of a circle shows why so many fast market movements culminate in the 49th day or the 52nd day and why the 7th week is so very important in culminations and also the 7th month as well as the 7th year.

 $1\frac{1}{2}$ times 51-3/7 equals 77-1/8 and shows why the angles are so very strong around that point and why the 77th day, 77th week and 77th month are so important for culminations.

MASTER 360° CIRCLE CHART SQUARED

The Master 360 Circle Chart when squared is 90 x 90, and contains 8,100 cells, zones or spaces. Therefore, the square of 360 will contain 32,400 spaces. This shows you why a stock fluctuates up and down so many times over the same territory, because it is working out the number of cells or vibrations of each space in a square. For example:-

1/8 of 90 equals 1,012-1/2 1/4 of 90 equals 2,025 1/2 of 90 equals 4,050 3/4 of 90 equals 6,075 1/3 of 90 equals 2,700 2/3 of 90 equals 5,400

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The square of 360, or 360 times 360, equals 32,400.

1/4 of 360 equals 8,100 1/3 of 360 equals 10,860 1/2 of 360 equals 16,200 2/3 of 360 equals 21,600 3/4 of 360 equals 24,300 7/8 of 360 equals 28,350

These points are very important to use for volume of sales as well as time and price measurements.

Suppose you want to know the number of days required to fill or work out the square of 90. There are 365 days in a year. 20 years will give you 7,300 days, and in counting the leap years will run a little over this. Therefore, about 22 years, 2 months and 10 days are required to work out each vibration in the square of 90.

THE SPIRAL CHART

The Spiral Chart represents the correct position, time and space of anything that begins at zero and begins to move round and round. It shows just exactly how the numbers increase as the spiral moves round and round, and why stocks move faster as they grow older, or swing so much more rapidly as the price reaches higher levels. At center, beginning point or zero, it requires 45° to represent one point. When the stock traveled seven times around from the center, it then required seven points to strike a 45° angle. When it has traveled around the spiral twelve times, it will then require—a space of ten points before striking a.45° angle: It would also mean that the stock could move in one direction ten months without striking anything to cause any very great reaction. On this chart, we have only shown the 45, 60, 90, 120, 135, 180, 225, 240, 270, 300, 315 and 360 degree angles. This shows the division of the circle by 2, 4 and 8, and also shows the one-third point and the two-thirds point; being the vital and most important angles, we place them so you can see how space or time makes rapid fluctuations.

NEW YORK STOCK EXCHANGE PERMANENT CHART.

This Chart is a square of 20, or 20 up and 20 over, making a total of 400, which can be used to measure days, weeks, months or years, and to determine when tops and bottoms will be made against strong angles, as indicated on this Permanent Chart.

For example:- The New York Stock Exchange was incorporated May 17th, 1792. Therefore, we begin at "0" on May 17, 1792. 1793 ends on 1, when the Stock Exchange was 1 year old. 1812 will come out on 20;

1832	on	40	1892	on.	100
1852	on	60	1912	on	120
1872	on	80	1932	on	140

Note that 139, or 1931, strikes the 45° angle, running from 20 down, and that this is in the 7th zone, or the 7th space over, which indicates that 1931 is the ending of a bear campaign, and the starting of a bull market. But we must watch out for a break around liay and June, 1931, when this engle is

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hit at the end of the 139th year.

You will notice that the numbers which divide the square into equal parts, rum across 10, 30, 50, 70, 90, 110, etc., and that the year 1802 comes out on 10, the year 1822 on 30, the year 1842 on 50, the year 1862 on 70. Note that the year 1861, when the Civil War broke out, was on the number 69, which is a 45° angle. Then note that 1882 ended in May on the 90° angle, and at the 1/2 point, 180° angle, running horizontally across.

Again in 1902, it was at 110, the 1/2 point, and in 1903 and 1904, hit the 45° angle.

Note that the years 1920 and 1921 hit the 45° angle on No. 129 and 1922, the first year of the bull market, was at 130 at the 1/2 point.

Note that 1929 was on the 137th number, or 137th month, and hit an angle of 45°, and that the year 1930 was at the 1/2 point on the 4th square, a strong Resistance Point, which indicated a sharp, severe decline.

Again, 138 is at the 1/2 point on the Master 12 Chart.

1933 will be on 141, in the 8th Zone, and at the center or 1/2 point of the 2nd quarter of the Square of 20.

The years 1934 and 1935, ending in May, will be on 142 and 143, and 1935 will come out on the 45° angle at the grand center in the 8th Zone and at the 1/2 point of the 2nd square, going to 1/2 of the total square, which will indicate a decline and bottom for an advance to run up in 1936, with 1937 striking at 145, which is 1/4th of the column on the way up in the square.

If you will study the weeks, months, as well as the years, and apply them to these important points and angles, you will see how they have determined the important tops and bottoms in the past campaigns.

UNITED STATES STEEL NAME CHART

The name, United States Steel, contains 17 letters. Therefore, to make up a Permanent Square for United States Steel according to its name, will require 17×17 , or a square of 289. Therefore, 17, which is really $2\frac{1}{2}$ times the lowest price at which Steel ever sold is an important point,

The prices 34, 51, 68, 85, 102, 119, 136, 153, 170, 187, 204, 221, 238, 255, 272 are all important because they strike important vibrations on the name and angles of U. S. Steel.

The basic number or low point, for example 9, the lowest digit on U. S. Steel, and its vibrations according to its name, all cause slight varietions at times from other stocks, because each stock works according to its cwn base, beginning point, numbers and name.

U. S. Steel works good to the natural angles and Master Chart, because its digit is 9 and comes out on exact 9 vibrations all the way through, finishing at 261, which was 28 nines from its beginning point, or lowest level.

A study of all these various tables will help you to understand Resistance Levels.

UNITED STATES PERMANENT MASTER CHART

We use the square of 7 for the United States because the name of America contains 7 letters, and this square is 49, a very important and fatal number.

We begin the United States Chart on October 12th, 1492. Make up these Squares of 7 and put on the years. You will note how this indicates the panic years in the United States and the years of prosperity.

You can also make up a square of 21 x 21, which is the number of letters in the name of United States of America. These angles and important points will all come out about the same as when we use America, because three times 7 is 21. However, you will get some stronger angles and more important points if you make up the square of 21 x 21, which will run out to 441, with the 1/2 point at 220-1/2.

The more you study these Permanent Charts, the more you will appreciate their great value, and will see that numbers do determine everything in the future, and that geometrical angles and mathematical points measure every Resistance Level, time, price, space or yolume.