

## Setting the Gann and Murrey Lines

On this page you will find chart settings for Gann 156-degree angles using a major MSL or MSH and 360 degrees from that; Murrey Math lines based on natural squares, and Ral's 0.618 extensions.

In addition, I use Gann angles on intraday data. This is not how Gann intended them to be used but, as you shall see, the application of this is quite useful. Likewise, I find that the Murrey Math lines work well for gauging retracements from trading ranges. Sometimes Fibonacci retracements work better, sometimes the MML's. These two "separate methods" are shown in the two links below.

### **Gann 15-degree angles.**

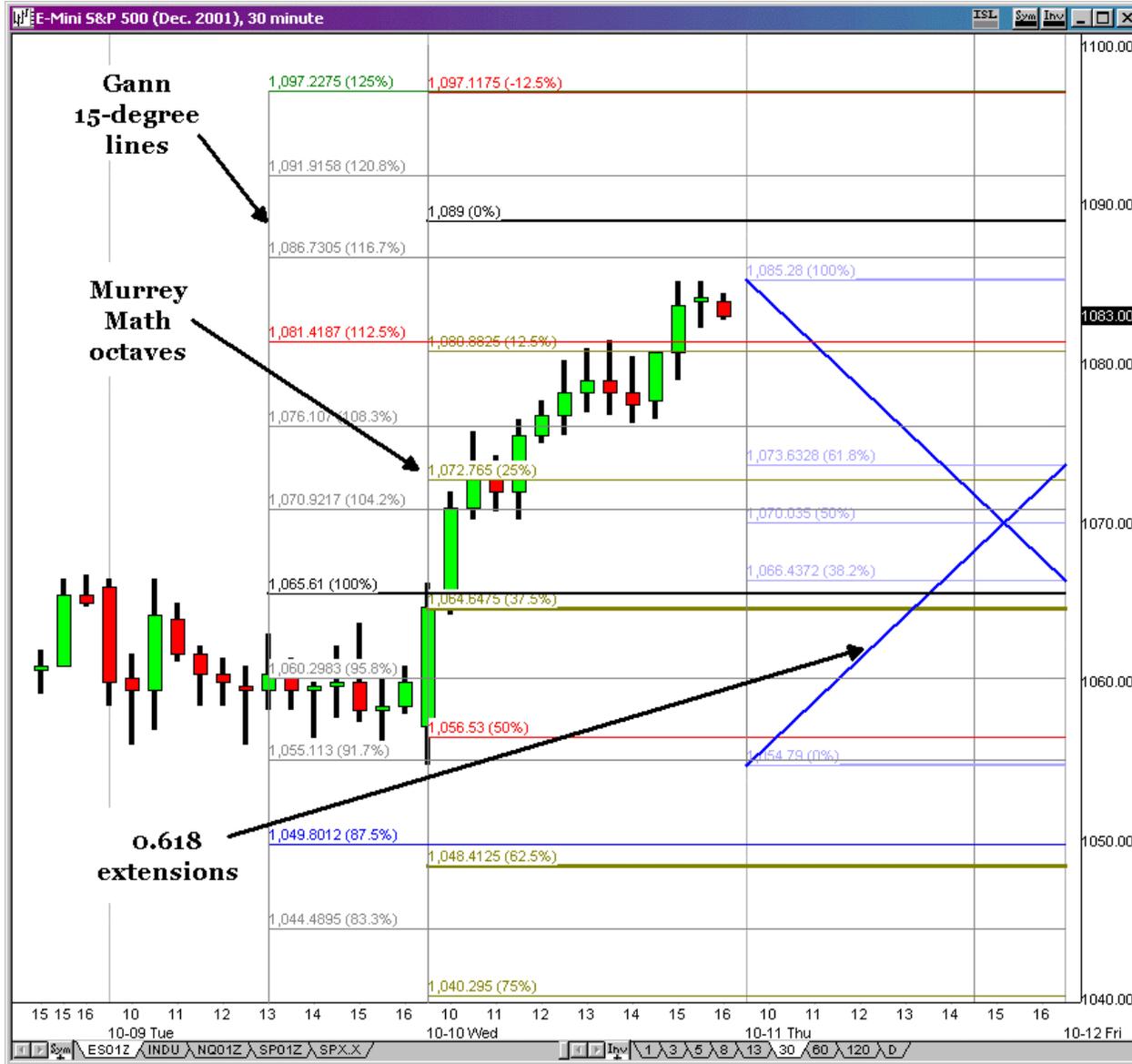
- Use the retracement tool in RQ or Qcharts.
- Set it to draw 24 equal increments between 0% and 100%. These are the 15-degree lines between 0 and 360 degrees ( $24 \times 15 = 360$ ).
- Take the major low from previous days - in this case, 939. Take the square root of that, add 2, then square it again, to get 1065.5. That gives you the top of the range.
- Anchor the retracement tool between 939 and 1065.5 to give you the 15 degree lines, as shown below.
- Add lines above 1065.5, as necessary.

### **Murrey Math "natural square" lines.**

- Again use the retracement tool, this time divided into 8 equal increments.
- Look for the closest natural squares that bracket the current price action. In this case, 1024 and 1089.  $1024 = 32 \times 32$ , and  $1089 = 33 \times 33$ .
- Anchor the retracement tool between 1024 and 1089 to give you the MMML lines, as shown below.
- Note that if prices go above 1089, the next natural square is 1156 ( $34 \times 34$ ).

### **0.618 extensions**

- Take the high and low of the previous day's trading range, and extend those out into the next trading day, with the usual 0.618 and 0.382 Fibonacci retracements, as shown.
- Draw a line from the previous day's high, but starting at 9:30, down to the 61.8% retracement of that high, but ending at 16:00, as shown (it shows as 38.2 on the chart). This is the natural resistance line for tomorrow.
- Draw a line from the previous day's low, but starting at 9:30, up to the 38.2% retracement of from the high, but ending at 16:00, as shown. This is the natural support line for tomorrow.



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## Murrey Math or W.D. Gann

By T.H. Murrey

" Murrey Math trading frame set April 10, 1997 missed market top by one day. The Murrey Math October crash intraday support line = 875 set April 10th 1997, 2 points off. October 1997 crash intraday Gann major support line price = 858.33, 3 points off. Gann said the greatest support was at 50%. Gann said the number one rule after any market runs up at least 3,6, or 12 months, one may take this high/low extreme price range and divide the difference by 8 and you should expect this market to be a great buy opportunity, if and when it falls down to its 50% line. The S&P 500 Cash Index moved to higher highs 5 times since this past April 10, 1997. Then 3 days ago it came down and tested its major 50% line from our lows set back on April 10, 1997. Under the Gann rules, every time a market makes more new highs, you must reset your 8/8ths and make the range of prices wider every time you reset your frame. So, finally October 7th, 1997, you reset your Gann frame and registered the 50% line down at 858.33, major support. Look at the Gann chart 1, set Oct. 7th, you get the greatest buying coming in down at 858.33, no matter how long it takes this market to move back down to it. It took only 15 trading days to get back down to June 1997 prices. The intraday low reversal price was 855.28 and the Gann 50% line = 858.33, off only 3 points. Please look at the Murrey Math Trading Frame Square in Time chart 2: you see that April 10th, 1997, we predicted that the end of our trading frame would be on the Harvest Moon (that occurred on October 5th, 1997) so we reset our Fall Quarter 1997-98 Trading Frame off the first Frost each year and the 1st trading day shall be October 6th, 1997.

You shall see that Murrey Math sets the 50.% line down at 875 off pure math. Please notice that the largest volume sell-off in US trading history, stalled out down at 877.10, which is just 2 points off the Murrey Math 50.% line. Murrey beat Gann. Please look at chart 2. Gann students had to wait until Oct.7, 1997 before they could reset their (8/8ths) trading frame. But, under Murrey Math, on April 10, you just set the 0/8ths line at 750 (pure math) based on the square of 1,000, and start trading up to the top of our square. 64. Every Gann or Murrey Math Trader in the world was ready to go long down at 875, (which was our 50.% support line. Gann missed terribly on a closing basis, but he was off on the intraday 50% support line by only 3 points. 87.5% of all Americans are Buy and Hold, so they didn't care that the markets were falling (and they gave back 12.50% "free profits" in just 15 trading days and convinced themselves that taking no profits was the prudent long term mental attitude. Just 10 years ago our markets ran up 23 straight trading days and no one took any profits and every mutual fund lost -23% in 3 trading days, but it took 18 months to recover after Black Monday, 1987. The 1st week in October CNBC-TV had 50 different experts on TV who said that our economy was immune to another crash. Our President has often had foreign friends from Thailand at the White House to discuss the Thailand currency problems 38:1 ratio. Back in July I had new brakes put on my Mercedes and Sam, who is from Thailand, worked on my car and he told me to get ready for a currency blowout in Thailand soon. Murrey Math students were E mailed and made aware that a currency crisis in Southeast Asia was near and also that this market was too over bought and profits should be taken quickly at the end of our trading frame. But back to predictions and do you see that Gann and Murrey Math are so close to one another: Gann off 3 points intraday and Murrey off 2 points on a closing basis.

But, you don't need to reset your 8/8ths every time our market moves up to higher highs, so we keep the same lines, so we can memorize them, and trade them for up to 6 months, and spend your computer time raising your children or teaching them Murrey Math. Gann Refused to tell you three simple rules! W. D. Gann has been regarded as the world's best trader because his trading techniques have stood the test of time by two measures: followers and his trading strategies. Traders have spent years studying, analyzing, and customizing his techniques. Little did they know that W. D. Gann refused to tell them, exactly, the same way he traded off the same three simple rules. W. D. Gann traded his markets exactly as he taught everyone, but he had his three rules fine tuned more precisely for himself. W. D. Gann preached three simple rules: 1) Price, 2) Time, and 3) Percentage of Run. But, how he set his Time Frame, square, and where he placed his base, his price support levels, or how he arrived at exactly how far any market would run up or down, was not exactly how he instructed others.

I read only one of his books, but I read it 50 times, and I saw that he had made up an alternative way to set the Time, Price and Percentage Run, so that you would believe his trading techniques, but you still wouldn't have the same trading edge he did, when you went into a trade against him. I know exactly what he was doing in these three techniques that were 100%, set to music, inside the base of ten, or the seasonal growth cycle of plants, and speed equated to the spiral frame of an Atom of Hydrogen proportional to the female form. Every group of humans expresses themselves in music harmony, no commercial is without music in the background. W. D. Gann constructed the Square of 9 off the 12 pitch changes in music, which may be seen in math by using the square root of 2, where Brad Cowen has done great work, but most traders are scared off by the mention of music, math, memory, much less square root, as applied to any trading system, so we simply draw 7 lines inside a rectangle that looks like a square, that is set to the base of ten, and start trading and let the terminology stay in some lexicon of terse aphorisms, on a shelf. Please see chart 2 with its Octave lines. The genius of Murrey Math trading frames, lines, angled momentum lines, circles of conflict, is that you never use any past history of daily activity to set your frame. Please look at chart 2 and you shall see that this market reversed hard right on the top of its momentum line in August, 1997. This market topped out just 1 day into the new Fall 1997 Murrey Math trading frame ! The closing high for the S&P 500 Cash Index was exactly 1/32nd off 100% or 8/8ths of its April-October MMTF Trading Frame. Please move over to, see the dot and arrow, the largest volume day ever in the U.S. and you shall see that our markets stopped within 2 points of our major 50% support.

The next morning a major long was a seller and had to go bankrupt and send the markets down the 1st hour of the day and at 9:30 am. our markets went sideways for 18 minutes, true story, so you could buy an option long, then it ran up 45 points in only 5 hours of trading, an option would have yielded \$30,000 profits in only 5 hours. Please call any brokerage house and

ask them to send you a one minute tick chart of the S&P 500 Cash Index and they will see that you had plenty of time to go long back up at 875, major Murrey Math Line Support, and ride back up to 45 points of momentum profits! I am currently writing these notes, on this article, right in the middle of the music triangle of Nashville, TN, for I am sitting in Bread and Company, coffee shop, next to the Barbecue Village Inn bar, which is set at a 22.5 degree right angle to the Blue Bird Cafe, world famous for music, and on either side of me are Pam Tillis and Amy Grant, and choosing a bagel is Donna Summers and two friends. These three women understand music and harmony and how to change them into money, base of ten. W. D. Gann said to look at any market over a period of time, at least 3 months, then find the last high or low trading period, then take the difference between these two points, then divide the difference by eight, then expect markets to reverse most often inside these 1/8th lines. Secondly, W. D. Gann said to take the vertical line between a high and a low and box it in making a square., called Square of 9. Thirdly, W. D. Gann said one may take any high or low and multiply it by the Fibonacci Ratio of 1.125 to expect any market to expand or contract in the near future.

All three of these trading techniques are valid and profitable, but they are achieved by: 1) guessing and resetting your high/low extremes too often, so you can't memorize price levels, 2) setting a square that won't predict time true enough into the future, 3) and lastly the percentages of growth shall always tend to be too wide to keep from having prices come back against you, when you expect more profits. Time was Gann's number one consideration. W. D. Gann saw a time-trading cycle of 20 years, 1/8th; or extending to 60 years, 3/8ths, .382. Fibonacci Sequence, FS. But, in 2,637 B.C., the Chinese, in The Book of Fate, noticed the 60 year cycle. The Chinese continue living in this 60 year cycle: our most recent Chinese cycle started in 1935 and ended in 1995. Edgar Cayce, Hopkinsville, KY., died 1954, dreamed that Atlantians placed knowledge under the Phoenix, near the Great Pyramid about 10,500 B.C., at completion. I contend that it was exactly 10,390 B.C. The Serpent Constellation was parallel to the horizon in these years. Was it not Canaan who had 10 children and one of his sons, Cadmus, and his wife Harmonia were turned into serpents? Genesis 3:1 tells about the serpent. 1957 Elvis was leading young women astray with rock and roll. 10,390 equals  $13 = 1+3+9=13$ : Trilogy. Let's start counting forward back from 10,390 B.C. to the present and let's see if any dates off pure math match up to trading cycles today: 10,390, 9140, 1/8th, 7890, 2/8th, 6640, 3/8th, 5390, 4/8th, 4140, 5/8th, 2890, 6/8th, 1640, 7/8th, 390, 8/8th = -390 B.C.. forward: 860 A.D., 1/8th, 2,110 = + 2/8th in time. 860 A.D., 1/8th to 2110, 2/8th, which matches up with the slowing down and stopping of the rotation of the earth in its 12,500 year polar cycle shift, pivot. The Emerald Tablets which are 12,500 years old, speak to past knowledge. Market trading is set to the Hertz Sound Magnetism inherent in this Earth. But we get short term reactions, when the planets come closer to the Earth. The Moon was the closest to the Earth in the past ten years on this current Harvest Moon October 5th, 1997, plus we have 5 planets on the same side of the earth for the last five days of this month.

Macaroni Art, in Monaco, Spain, and Australia from 50,000 B.C., proves that men recorded the earth's pole shifts. Crystals that are stacked at 90 degree angles reflect the pole-shift of earth. Gregg Braden wrote Awakening to Zero Point to prove that the Earth's Hertz Resonations affect man's actions. Leet and Judson wrote Physical Geology that the 20 plates of this Earth are resonating its own Octave Pitch Sound. Personal Note: It is my theory that if you live in the same home for 12.5 years, longitude and latitude, earth/magnetism, or inside your mother for 273.2 days, Oestral Time Cycle by Peter Pilchta, who wrote God's Secret Formula: states inside your mother is equal to absolute zero -273.2 degrees, and 27.3 is also the average days of the Moon around the Earth, Sidereal Cycle, and the moon's radius, 27.3 degrees, is the same as leap Year Cycle, then your brain reacts better where you were born. Michael Baretti, in Australia, wrote in the Mungo Excursion, that the poles shifted 120 degrees 50,000 years ago. And Gordon Park, in Australia, found 12 bodies buried in a circle and two objects were visible: crystals and necklaces with 47 teeth, while they had their two front teeth missing, 49, more on this 49 later. Tetrites were found in Australia, so down under had to once have been up there. You must see and understand that the Earth's Hertz magnetism has been recognized as far back as 50,000 B.C. The Earth has 3 days of magnetism and one day of neutrality. We must accept that the Earth has a 4 day cycle and we shall adapt our trading frame to reflect a similar 4 day trading cycle, over a one year time period, more later. Presently, the Earth's rotation is slowing down, not global warming effect, three times the last 25 years the world clock, in Colorado, has been adjusted backwards. In order to set our trading frame parameters more accurately, we need to move inside 860 and 2,110 A.D. and move forward  $+156.25 = 1016.25$ , 1/8th, 1172.50, 2/8th, 132875, 3/8th, 1485.00, 4/8th, 1641.25, 5/8th, 1797.50, 6/8th, 1953.75, 7/8th, 2110.00, 8/8th. 156.25 years is exactly the last time the El Nino, warm ocean patterns, this extreme! Now, from 1953.75, 0/8th, every 2.44 years and we get 1995.25, 1/8th, 1995.25, 1/8th, 2,000.13, 3/8th. Now, when we divide 2.4414 years by 8 = .305 months, so we multiply x 2 and we get .61035 months for every 25.% as a major time reversal time point. So, we add .61035 to 1992.81 +.6, 1993.42, 1/8th, 1994.03, 3/8th, 1485.00, 4/8th, 1641.25, 5/8th, 1995.86, 5/8th, 1996.47, 6/8th, 1995.25, 1/8th, 1995.25, 1/8th, then the next 2/8ths reversal shall be: 1998.30, let's see what happens. I predicted last December, 1996, that it would be extremely volatile in January, March, July, and August and October of 1997: then watch out for 1998.30, March. 19.53125 years before 1953.75 was 1934.18, a reversal time point and 19.53125 years after 1953.75 = 1973.28, February. If we look back at the S&P 500 Cash Index, we see that it had a swing of -21% starting on January 11, 1973, recession. We had a time pivot point in 1929, March, to signal that this market was over bought.

Past, Present, Future, edited by James Flanagan, in his February issue, tracking the commodities, S&P 500 and Bonds off Gann's 60 Year Cycle, said that Gold was in a bear market until October, 1997. He said that later in March of 1997, the market to start selling off because of the 1937 stock market highs. They called for a drop of at least -35% from its high, the rally in April, 1997 took all markets to all-time highs, off 6 months. W.D. Gann told the entire world about the 1929 Crash, the very day within 5 minutes, but only 12.5 % had any real assets to protect, and only 6.25% knew how to short any market, so predictions are worthless. Murrey Math teaches students to predict positions 6 months down to intraday. October 23rd, 1997, Thursday, the Hong Kong currency crash): I E-mailed 100 Murrey Math students that I have seen markets move down a second day, Friday, after bad news, so, it would take this weekend, and time and discussion, all over the world to sort out its affects, so one would have to wait until 11:45 am, on Friday before going long, but to watch out when the Bond pit jumpers run over and reverse the market, so they can make a profit against the S&P 500's reversal up off its lows. Results: it reversed both times today within 5 minutes of when I posted my students, each reversal was worth more than 87.5 points in less than 2 hours. I warned our students to not enter long positions before Tuesday or Wednesday, when Mr. Greenspan

speaks again, we'll see. Further proof that 10,390 is our beginning: In Africa, along the Niger River, in the Tobokun region, the Toboku tribe spoke of a Cirrus ÒBÓ star that was behind Cirrus. They also said there small people who lived in caves (lower gravity) on the sides of cliffs, (from outer space). Who knows ? There are three land masses that we have found that exert zero gravity: 1) in the tomb of the Great Pyramid, 2) Peru, South America, and in Southwest U.S.A. in the Anassi Indian cliff villages. Scientific Note: In 1979, the Viking Space Craft was shot out into outer space to go to the outer limits of our Universe, and it reported back years later that there was indeed another star behind the one we could see, called Cirrus ÒBÓ. As soon as the U.S. Government found out about these people, telling these stories, they told them to change their story. The U.S. government held back these peoples stories from being shown on the Discovery Channel for one year. The problem is that our government was only 3,000 years too late: story told 700 years before Christ. The Star Cirrus has always been said to be the pointer star down into the passage of the Great Pyramid.

But Howard-Vyse had asked Sir John Herschel which star back long ago would have been the star that matched up with the passage. His studies proved that it might be Thuban: inside the Constellation Draco. He combined his findings with the Mayan Indian 26,000 Tolzkin Calendar year Precessional Cycle. He set the last alignment of Thuban with the Great Pyramid's passage at 2123 or 3440 B.C. My time calculations set the major 5/8th at 3358.75 B.C., whose counting. Time consists of: 1) Start and 2) Finish. W. D. Gann taught you look at any two periods, high/low, at least one year wide, and from there move out 1.38, or 1.618 or 2.68 as the best time period to expect future reversals, this work was verified by an intensive study done by Robert Minor, that said time spans past this length weren't valid. Murrey Math students are instructed to look at periods of time from 3 perspectives at the same time: 1) 58.59 or 19.53125 years, 2) or 4 years or 1 year starting in the fall, or 3) from 64, 32, or 16 trading days. Murrey Math students know that time is stretched longer than price, so one must make a rectangle, when we trade price movement, %, inside our trading square. W. D. Gann knew this for he read Fibonacci's books in London but choose not to tell you. Fibonacci numbers translated by a Russian, N.N. Vorobev, in 1951, into English 1961, presented the logic that this Universe is set to an Octave of music, set to the base of ten, vertical, 8 X horizontal, 8 = 64. We know that the ÒZÕ was put as the last letter of the alphabet to signify to things: 1) Light, spiraling, through space, and 2) that all you may want to know, completeness, is contained in light waves, sorry Zorro. We shall see later, that all markets are moving to the right, as if they are moving along a 22.5 degree angled line inside a 37.5 degree angle triangle, while coiling, as a slinky would surround a rod, and while moving forward, try and move around 5 liquid-filled spheres, suspended inside a yearly trading shoe box. Please look at chart 3 and you shall see that the S&P 500 Cash Index was running +37.5 degrees above its normal growth line of 22.5 degrees, so it was just a matter of time before it would come back down to this line, and it took only 15 trading days to erase the last 3 months uptrend. This may be a foreign concept to see right now, but all markets are actually moving to the right in 3D, Fourth Dimension.

Please indulge me two parallel ways of thinking that have always been different, but we call them change after we are made aware of them: 1) Light/Mass/Speed, and 2) Time/Price/Percentage. 1) Einstein addressed Light as it is presented in a straight line, but Tom Bearden, Professor of Nuclear Physics, at the Georgia Institute of Technology, purports to define energy as moving forward on both a Longitudinal and Transverse plane through space and man has been capturing his energy from the weaker of the two, for one has free energy, that if harnessed, shall accelerate faster than light, called overunity. 2) All markets are moving forward to the right on a daily, weekly spiral, that is trying to stay just above a 22.5 degree angled line, rod, set off the start of each Murrey Math Trading Season Stanza, 32 days. Please see the S&P 500 Cash Index chart 4, 8x8 and you shall see that our market tracked along a 22.5 degree angle through a one year trading frame. Also Solar polarity of Hydrogen in the Sun, loop = 11.25 years: which equates to ÒCÓ inside an Octave. Our 22.5 degree angle crosses the key of F, 4/8ths which the human ear hears easiest, .625 difference between C and F, which is the sound pitch of an ocean wave, Leonardo da Vinci recognized this as part of his painting frame, which is our, MMTF, yearly growth line over 1 or 2 years except we reverse it into the future, for he set the 22.5 degree equal triangle from right to left and we set ours from left to right and you shall recognize it as Pascal's Triangle, 70. See chart 6, 2yr and you shall see this triangle predicted the market's break out exactly on our 75% time line.

We divide chart 5, 32/16, into 1/16ths parts on an angled momentum line, and we see that it trades forward up and down, to the right, off the Transverse angle of daily trading, as it moves Longitudinally to the right in a straight line, over time. Notice chart 6, 2 yr. :this market based out exactly on its musical/math, 2/8th, line, July 1996, and went up exactly, 4/8ths, and you see that it couldn't break above its 5/8ths parallel momentum line B. Notice that it reversed at B and fell back down to C and then ran up to D momentum and fell back down for support. Now, go over to chart 9, 8x13 and you shall see a close up of our last square and its momentum lines. Remember, we never look at trading action to set our Murrey Math Momentum Trading Lines, updated version of Andrews Parallel Lines, because we may set our lines off our, MMTF, Frame every 3,6,12 months, 2 years. Notice chart 4, 8x8 this market reversed off its baseline 2/8ths in sq.3 July 1996 and it went up exactly +3/8ths in price and reversed and fell back down to the 4/8ths, support. Move back to sq. 3 and you shall start counting time and at the start of our square and we would expect markets to reverse at 62.5% time from any start and we see that our market stalled exactly on our time line +3/8ths into the next square +5/8ths. Now, let's prove that I, W. D. Gann, and N.N. Vorobev can set our brains to a hologram by figuring out how to rearrange the Square of 64 by actually increasing it to = 65 !!! Please look at chart 4, 8x8 and you see 16 squares down in the lower left side. This was part of the genius that Gann refused to show you and that was the simplicity of the square of 64. We played the smaller square of 64, outside to the left, 4, 8x8, Sq. 3, until it moved into our 8x8 square, then we started playing it inside its square of 16 until it traded above 16, then we expanded it to 64 and we have shifted our squares but we keep the same math/music momentum lines, all the way to the end of our square of 64 then we start over again. You may ask why I choose a Square of 64? Simple: Music Structure-Sound Pitch, plus all markets may have price divided into 32 ticks, U.S.Bonds, and momentum shall be divided into 1/16ths, which the SEC just forced stocks to convert trading prices. Look at chart 5, 32/16 and you shall see a perfect example of a market reacting to pure math-music: I have divided the horizontal lines, 1/8ths into 32 equal parts and our angled 22.5 degrees momentum lines into 16 equal parts of vibration trading price. You see that this market reversed exactly off 32x16, which is the maximum vibrations per Octave, 2112, so it reversed hard. Everything thing in this universe measured shall be moving either into or out of a Crystallin State, human eye after 3 days. All Crystals are capable of producing heat, energy,

electricity, magnetism, light refraction, and sound pitch change music. Our 22.5 degree angled momentum lines are a perfect example of Euclid's Parallelogram crystal. See chart 6 2 yr. and you will see one side of a crystal: please notice that this market at A moved up from an exact Murrey Math Line and stalled out up at B +3/8ths, exactly on another Murrey Math line, 5/8ths, set to music/math never trading action) and it reversed at C off Murrey/Gann's 50% line inside the scale of 500 to 1,000, no history needed. We play it moving through square. Milton Babbitt, constructed a graph of: Permutations of 12 Tones as they change frequency when any sound creates a double vibration, like two girls twirling two jump ropes in different directions: everytime you shall see these ropes appear to be touching, you will hear a sound pitch change, which is exactly where all markets want to reverse inside the Murrey Math Trading Square in Time trading Frame, 0-100, 49 pitch changes:, 0,1,2,3,4,5,6,7,8,9,10,11 vertically, x 0,1,2,3,4,5,6,7,8,9,10,11 horizontally: to denote sound pitch changes inside an Octave, but these 4 duplicate: 8:4,9:3, 10:2,11:1. So we have only 7 heard tones inside any Octave, the most common being the Major Mode Octave of: C,D,E,F,G,A,B, which was expressed by Herman Helmholtz, Germany, in the 1880's, in Sensations of Tone.

Two jump ropes twirled in opposite directions shall crossover visually, in one loop, 2, 3 or 4 loops. So, you would expect markets to run: 4/8ths, 1/3, 2/3, or 2/8, 6/8ths. W. D. Gann mentioned 1/3 or 2/3 moves, but he didn't address it in depth, for he didn't want you to see it inside an Octave set off the base of ten, you could memorize all of his published internal natural numbers. Messiaen discovered that all sounds may be wrapped in: 1) Four Colors r,y,b,g, 2) Rhythm, 3) Harmony, and 4) Melody. All songs require a harmony and melody to gain musical acceptance. Chet Adkins invested \$5.00 in a guitar: self-taught from East Tennessee: 30 years later was declared the greatest country guitar player ever, playing both the melody and harmony. And Roger Birkman, Ph.D., created The Birkman Method of asking any person a set of 8 positive and 8 negative questions to ascertain which of 4 personalities we all fall into out of habit. He reduces traits of our habit as a result of our attacking change through our present perceptions and assumptions. None of the four personalities: 1) perspective, 2) personable, 3) sociable, or 4) objective, are suited for trading markets. My psychological acumen instructs me to present you with a pure-math trading system that leaves nothing to chance, or has any exceptions, or uncovered trading rules. The five circles in each square are mental conflict areas that date back as far as 3,000 B.C. to The Book of Five Rings by Miyamoto Musashi, China. All humans are torn between these 5 conflicts: 1) Earth: Magnetism: Knowledge, 2) Water: Hydrogen: Desire for Good Life, 3) Fire: Sun: Risk Avoidance, 4) Wind: Yen and Yang: News, 5) Emptiness: No Interest to Learn: Habit. Sugar is 5 circles of chemical bonding, CHO and the Quadrupole Magnet in nuclear physics uses the same 5 circles of energy, more later.

The Sun/Earth axis-tilt yearly wobble forms a rectangle of four separate boxes, that the past observers called Four Square. We need to see that all musical sound pitch changes and market reverses want to turn every 1/8th inside an Octave, which in any square = a 11.25 degree angled line in any square. Or more simply put it equates to the wavelength of Hydrogen as it reverses its polarity every 11.25 years on the Sun in a twisted ban much like the Double Helix wrap of the humane body's 64 codons.  $4 \times 4 = 16$   $4 \times 4 = 64$ : 4 cubed is the Trilogy of this Universe, as proven by the Periodic Table's electron rings linked through an atom's magnetic valence attraction purported by Peter Plichta's great findings. He sees  $4 \times 3 = 12$  or 4 cubed = 64, but we cube  $64 \times 4$ , 4th dimension = 384., 384 are the number of days in 13 lunar cycles of the Moon, so we set our intraday trades against this many minutes to determine trading momentum. Please look at chart 7. S&P 100 Cash Index Options Expiration Intra-Day Chart, Bloomberg, showing one minute ticks. You see that this market reversed 16 times in a row off our 384 time frame! This market moved down and reversed off a 1/16th line and up and closed right on its 5/8ths line, pure math. Only 7.8 points all day.  $8 \times 8 =$  One Octave or 7 pitch changes. Peter Meyer constructed an events of the past time frame for man to be set to King Wens China B.C. I Ching, 64 personality traits. He wrote The Mathematics of Timewave Zero and extracted the human cycle to be set to waves of 64 days, which is the Murrey Math two stanzas trading Octave.

Now, I shall address our  $64=65$  quandary with the same question these men pondered: how do you cut one square of 64 square inches and make it into a four sided rectangle that has 65 square inches? I shall give you several clues to speed up our learning curve: 1) take two plain pieces of typing paper and cut them into 8 inch squares; 2) take square A and write Music/Time in the center and mark off one inch increments on each of the four sides; 3) in the 2nd square write Music/Math and mark all four sides in 1/10ths increments; Market's 1st trilogy 100, Abacus, 1202 A.D., next, 4) we take our Music/Time 80 sq. and get ready to cut it into 4 solids: Hint: 2 of these objects must be Right Triangles and two must be uneven four sided objects. Now, we know that disease spreads, rabbits procreate, and music changes its pitch to the Fibonacci Sequence, FS, 1/1,1/2,2/3,3/5, 5/8, 8/13, 21/34, 34/55, 55/89, .... and we know from studying the works of Sir William Jones, England, late 1800's, translated the Hindu Chromatic Scale, so we place math inside an Octave of Music, which are the 5 white keys and 3 black ones on a piano, so we use the 1st three Trilogy #3, 5, 8; we must have 14 sides, 10 are FS numbers. We must have two triangles exactly alike and two objects that are four sided and just alike (the triangles must have two FS numbers and the other two must contain 3. Since we can only use 3, 5, 8, then move along the top to the right, and place a dot over inch #5. Next, I would move up from the bottom on the left side and place a dot on the #5 inch. Next, cut a vertical, parallel line, along the 5 line. You now have two rectangles: one 5x8 and one 3x8. Now, take the 5x8 rectangle and lay it down so that the 5 inch dot is on the left side and going up the rectangle. Move over to the right side of this rectangle and place a dot down at the 3rd inch line up from the bottom. Now cut an angled line from dot to dot. You should have a four-sided object that has two 5 sides and one 3 side and one odd lengthened side. Lastly, take the 3x8 rectangle and simply cut it into two right triangles. Finally, let's rearrange these four objects so that we form a rectangle that contains 65 square inches of surface mass.

Our original 64 square may be fashioned into a parallelogram, Euclid: or a rectangle, Socrates, platonic solid, of 65. Hint: The long sides and short sides shall be different but the same FS numbers: you must have guessed that the next FS # after #8 is #13, so one side must be 13. There you have it:  $5 \times 13 = 65$  sq. Please look at chart 4, 8x8 and see the 16 squares that are 1/4th of 64: now look at the chart 6, 2 yr. chart and you shall see that a longer time period has elongated each square, but our angles and horizontal prices are the same price and pitch. You have just discovered what all three of us already knew: a 3x8" right triangle = 37.5 degrees not 38.2, as you were guided to believe. The FS inside an Octave shall equate to 37.50%

MMTL, if you align the 8 squares to the base of ten square. Conversely, 5/8ths shall equate to 62.50%. I have preached this in every article. Now what do we derive out of all this? Simply that all Murrey Math students are expected to memorize all 49 of the price reversal levels inside an 8 square trading frame from zero to 100. W. D. Gann told you to take the last low/high and divide by 8, when you do that, you must always be referring back to charts or you must always be changing your internal 1/8ths every few months, when all we do is just ask what the last low or high was and find the nearest, Pure Murrey Math Trading Line, and make your decision off the Murrey Math Square in Time, which really isn't square. We are learning that the square of 9 is less accurate for time is elongated as it moves to the right because a sq.  $8 \times 8 = 64$  sq. and a rectangle  $5 \times 13 = 65$ . Confirmation of 13 as representing Time is seen in 4 unrelated Universal Truths: 1) 3 months = 13 weeks, One Murrey Math trading Stanza, 2) the Sacred Marriage between the Earth, Moon and Sun is measured against: the Moon moving 13 days around the Earth as both the Earth and Moon rotate 13 degrees around the Sun recorded by Robin Heath, from England and 3) John 21:5, where we find fish being caught, 153 off a triangle 12:13:5, or 4 or those who are skeptical about working on Friday 5 week the 13th month 12 times year, which matches up to the Pentagon angled lines in your eye or in the Aubrey Circle at Stonehenge, England.

Murrey Math sets its trading frame to the right in a stanza trading frame of 13 weeks set on the 1st Frost of each fall. We must address the Starting Date, Harvest Moon, of the 1st Frost, each fall to set our MMT Square in Time, that is diametrically opposed to W. D. Gann's high/low extremes. Please look at chart 6, 2 yr. and you shall see that Murrey Math traders set their trading frame off the Harvest Moon. Now look at chart 3 and you shall see January 1997, 1/4 year later is April 10, and our market took off right on the spring planting caused by the Moon's closeness to the earth and exploded up on a 67.25 angle. Now, get ready to deny everything I say! I set our Murrey Math Trading Frame to the average height of all females 64 inches. Every normal female after 12.50, has a 14 day cycle equal to the amount of Sun that shines on the front and back of our Moon, 14-14, with 1.5625 days of transition. So every woman is affected by the harvest Moon and pumpkins for procreation reasons. The face plate on the Viking Space Craft and the wire frame of an Atom of Hydrogen that fits perfectly over The Great Pyramid. Dr. Harry Alsleben, noted that the Ra Numbers, from the Sumerian and Egyptian Bureau of Standards 3,120 years B.C. had over 2,500 musical note frequencies, phonics, applying them to Bach's symphony, proportional to Pi and Phi, has etched on it, a wire frame of a female, with the notation: Hydrogen Atom Wavelength = 168 centimeters,  $21 \times 8$ , or 64. It also has a dot, followed by a straight line that explodes into 16 particles exploding into that many directions, Oppenheimer's nuclear fission/fusion of Uranium 238: and most importantly it had numbers, not words, to express Pi and Phi to show the entire Universe that every Human on this Earth is knowledgeable of basic: Music and Murrey Math. Side note: sounds are constantly being transmitted in math digits but no words or fundamentals.

Helen Wills, tennis player from the 1920's, was said to have the perfect .618/Phi face. Merna Loy, 1920's movie star, was said to have the perfect FS body: 34, 21, 34, body. Maria Carey has a 5 Octave pitch range. National Anthem is set to 4 Octaves. Babies at birth have a navel set at 50.% of their total length 18.750 and at 12.50 it moves up to .618% of total body length, baby's spine = constellations. Michael Fumento, in his book, The Fat of the Land, proclaims that the average American female (at a height of 64 inches tall) is +25% over weight. And he equates weight gains to the consumption of sugar average per person per year = 150 lbs. He says that Coca Cola started with a 6.25 oz. bottle and now it has progressed up to 64 oz. "go cup": (he says 312,000 die each year from too much C12H22O11 compounds in our diet.) In my last article, I mentioned that KO and its price \$72.00 fatal price = 44 times earnings, so it fell back down to \$52.00. We need to address our starting date! It is proven in the book Fatal Shores, that the Aboriginees, in Australia, preferred to have their children born 273 days after the 1st Frost each year, after the Harvest Moon without clothes, hospitals, or child care aid, just using logic and common sense. The Mayan Indians, Noah, the Egyptians, and the Tennessee Hummingbird set their Time Clocks, not to the tilt of the Earth's axis on the Fall Equinox, but they all reacted 14 days later, which we call the 14th Day of Nison, when one group left Egypt. Twice each year there is no shadow on the Great Pyramid, fall and spring, and it lasts 14 days each. When we deduct these 28 days we get 153 days, seed time, or the number of fish, John:21.5. feed to the flocks. The opposite days 207 are the growth days and the number of bones in a female's body. Remember Steve Nison got the Japanese Candlesticks, by Muneshia Homma, 1724, translated into to English, so we could see what a trading day's action told us, instead of us having to rely on turning math into words and guesses. He set a trading day to 4 parts and I set it to 7.

Noah was said to have landed his Ark 3 days after the 14th day of Nison; Females, after 12.50 puberty, have chemical reactions, after 17 days, into their 28 day cycle, and notice a change of amounts of estrogen and progesterin on the 17 day, when their % reverses; 17 is one of the ratios of a 64 inch square: and 17 is the 7th Prime Number; and 17 is the 50% Pivot Day in a 32 day trading cycle, or the 25% PD in a 64 day TC, or 12.5% in a 128 day TS, and 1/16th PD in 256 day TS. We start our Trading Frame each year off the Harvest Moon because we know that the C.R.B. Index records harvested raw goods that we consume, supply and demand is measured every fall against the 1st Frost. Four Seasons start just above 30 degrees, most Northerly touch of Sun's direct rays on this Earth north latitude, where the Great Pyramid, the Gulf of Mexico touches Florida, and the Tower of Babel or Jerusalem. Peculiar Side Note: Each Octave have 12 tones and Nashville, TN. Home of country music, Memphis, Elvis, and Bransford, M.D. are located along Do,Re,Me, 36 degrees, North Latitude above the Equator. Nashville is set on 87.5 degrees west longitude, 7/8th, or the Key of B 5 # sharps, volatile. Lastly, we want to correct the misconception that markets will expand from "random" lows or highs off the Fibonacci Sequence 1.618. But, Murrey Math students love the simplicity of the MMRPM's Murrey Math Rate Percentage Run.  $1.125\%$  of 4 Square. Any 8 inch square is either 1, 4, 16 or 64 squares, simultaneously. So, we learn to multiply our trading square zero/8th, 2/8th, 4/8th or 8/8th and we may best guess where any market shall expand to in the next Trading Frame, 1 year. Please look at Chart 9, 5x13: Please move over to the lower left-hand corner and find the curly arrow pointing to April 10, 1997. We shall be able to make our Murrey Math MMRPM upside price-reversal predictions before the S&P 500 Cash Index trades there. In the lower left corner of chart 4,  $8 \times 8$  you shall see the date July 1996 and an A. As soon as our daily trading action moves into square A1 we make up projections only inside A1-A2-A3-A4. After our trading action moves outside A-4 we expand our trading projections inside A1-16. As soon as our daily trading action moves outside squares A1-16 we shift our long term trading projections to go no further than squares A-64. After this trading frame is complete, we reverse the process, by trading down inside new squares A-4 and presently we are down into squares A1-16. Music.

We must move back to our musical Fibonacci Gann N.N. Vorobev Peter Plichta Milton Babbitt Murrey Math 8 inch square. Please move our 8 inch 64 sq. music/Time frame over beside our music/math base of ten, square, which we set our top at trilogy 10, 100, 1000. Multiply 1,000 X 1.125 MMRPM: we get Murrey Math Musical Octave 8/8ths of 125 points. So, we subtract 125 from 1,000 and we set our baseline down at 750. Now, we shift back to W. D. Gann and we divide 125 by 8 creating seven internal Octave-musical parts MMTL Murrey Math Trading Lines, where we shall expect our market to reverse before it ever trades inside our next square of (64) Trading Cycle. Each MMTL line shall equal = 15.625 points. Now, under Gann, the "golden mean" = .618, but under Murrey Math, we know that our 37.5 degree angle in an 8 inch square equates to 62.5, 5/8ths or 37.50, 3/8ths on the base of ten, where we count our money. So, we expect our market to get strong resistance when it moves up +5/8ths, no matter how fast it takes to get up there. Now, look at chart 4, 8x8: see how many times this market reverses off exact price, Time lines and how it shot out of its center circles of conflict off 33 degree angles. Each square is divided into 7 internal time reversal points. When we start 16 trading days before our new square, and we count over in time, we see (under Murrey Math) this market has been predicted to want to reverse up +5/8ths in price and time. This market reversed exactly in Murrey Math Price and Time on the exact 5/8th line after a +5/8ths run in Time and right on the 3/8th time line into the yearly MMTF Cycle.

Please notice that this market reversed 9 times exactly on a MMML Momentum Line, it reversed (8) off a Murrey Math Price line, and (6) times off a time line. (Not bad for a trading system that uses no prior history). If we go from our starting day forward into the next MMTC quarter April to October, and view chart 5, 32x16 we see that this market topped out exactly after a +7/8ths up move on the 1st trading day of our yearly Trading Frame. (great or what)? All Murrey Math students learn to expect any market that moves up +7/8ths and stops on a 7/8th line, to reverse fast and move back down to 50%. Please look at chart 9, 5x13 you see that this market has run up +7/8ths and you shall see that this short-term 13 trading weeks market is trading too far above its 22.5 degree line. When this market comes down to 875, it shall be at par value Time/Price Murrey Math. This Pure Music-Math Trading System is correct in this past quarter of the year exactly off the random trading rules of the Law of Exact Proportion (this is why W. D. Gann refused to tell you, although he printed the "natural numbers" in his book for you to discover it, if you could) I did. Let's look at Chart 2 S&P 500 Cash Index and you shall see the 37.5 degree triangle, dashed lines, set inside our trading square, which it didn't want to move above during this quarter of trading action. The lower side, hypotenuse, 22.5 degree angle, is the normal growth rate that this market should move up along while it trades to the right into the next trading frame. See the curly arrow points to the angle. Anytime a market moves up above this growth line by more than 1/8th in less than 7/8th time, it shall want to reverse, then move back down below the line, the same amount it had just moved above the line. Please look at Chart 8, S&P 500 Cash Index from January 1997 through April, 1997, Spring Equinox, 50% Time Period on Murrey Math. Please find the large triangle that comes together on the 50% line on April 10, 1997. Now, since we are looking at only 1, 64, MMTF Trading frame, we would expect this market to want to grow between the 11.25 and 22.5 degree angles. We see that this market moved up fast above its 22.5 degree angle right on the 25.% Time line #1, 4 and it moved up +3/8ths and stalled-out just above the 50.% line A, 9: Then it reversed and fell back down at B, 18, right on the Murrey Math Base Line, then tried to move back up, but at 19, it reversed back down to C, 20 exactly -3/8ths below the 11.25 degree angle line and stopped exactly on MMTL line 7/8ths line in the next lower Octave. This market was moving to the right, longitudinally = time, at an angle of 11.25 degrees appreciation and when it got +3/8ths or -3/8ths away from it would come back to the line and wave under it the same amount it went above it, notice how this market exploded up when it came around the circle from April 10, 1997? Music is the key to trading, without knowing anymore than whistling all the way to the bank, when you use Murrey Math, but you should at least see the parallel between sound pitch, how long you live, and where all stocks wants to trade, they all three hover around 437.50 cycles per second or 43.75 years, or \$43.75 for stocks!

Grant Jeffrey wrote the book *The Signature of God* and states that the average age of man is only 43.75 years since the Floods. He goes on to state that if women procreated at the Fibonacci Sequence, since the floods, we would equal the number of humans we have on Earth right now. He parallels the works of Gregg Braden in *Awakening To Zero Point* and *Genesis*, where man was asked to go forth and multiply, no limits. Personal Opinion: my opinion is that the Earth's Hertz are speeding up, toward sleep state, since the speed of the Earth's spin is slowing down and magnets are losing holding power, so when the billions of people and the Earth's Hertz ratio 12:13, then the Earth will stand still. The Melody Sax was set to the key of middle C so two players could read the same sheet music: now if you check with Wall Street, they will tell you that humans don't want to buy stocks priced over \$50.00 per share, plus you will see that most stocks are traded between \$43.75 and \$18.75. And you already know that if you bundle up all stocks and put them in an Index you will have a group called the S&P 100 and 500 and you know that if you multiply 43.75 x 2 and move the decimal over one place you shall see Murrey Math exactly on all our charts! Columbia, COL, chart 10 is a perfect example of a stock set to the life of a human. We simply draw line at 43.75 and come down one octave to 31.25 and let it trade inside our square and we would expect it to get support at F, 4/8ths, 50% line and we see that it reversed 3 times off this line. Please notice how this stock could never trade inside its center circle and it went up fast as soon as it moved to the right and got away from it? See the three gaps up at the top? Those were sell signals to be out. A curious parallel to this stock's price action pivot points 25, 50, 75% equal 3.12 points and each 1/8th = 1.5625 points, which is the offset difference between the columns at the Parthenon, right next door to C.O.L.

We have seen markets react on a 2 yr. chart, 6 months chart, 1 quarter chart, 1 day time and lastly we shall look briefly at a Trader's Intraday Chart 7 This is an intraday trading frame that all traders who get in or out during the day shall find will bring them great knowledge that leads to wealth to share with others. October 27th, 1997 our markets crashed along with the Hong Kong Currency devaluation. The next day our markets reversed and came right back up to the prices of the previous day.

You don't need any more information than two things: 1) yesterday's trading action and 2) eight, 8, lines horizontal and a circle in each square. I'm sure every American has watched a basketball game where one team has a 2-1-2 zone defense: well no market wants to go into any of the circles, if they do, they will come out violently for these circles are reverse pole

*magnets that are liquid filled spheres suspended in a shoe box, trading frame. Please notice that this market in chart 5 exploded out of its circle Oct. 28th, 1997, middle of the day. I am the only human on Earth who sets all markets off the same frames with no regard to trading action and all markets already know that these spheres of conflict exist. Murrey Math offers the individual the opportunity to take one set of 8 simple trading rules and one Time Frame and 5 circles and sit down and start trading any market as soon as the price moves into any trading frame, no fundamentals. Murrey Math offers students Daily E-mail lessons on different markets. We share knowledge with other Murrey Math students with a list-server group that studies Murrey Math and we have Master Level Murrey Math Traders who are qualified to help you. I hope I have helped you see that all markets are running to the same frame inside a Math Octave off Murrey Math.*

*The Murrey Math Book is available from [Trader's World](#) at \$78.00 plus \$4.95 shipping in U.S. Go to our catalog. Call Traders World at 800-288-4266 to order. "*