The csama.org website is now updated. Please take a look!

In This Issue
DIVINE GEOMETRY
Coming Events
COMING LUNAR TETRADS
Common Core... Again

DIVINE GEOMETRY
by Douglas Roger Dexheimer

(Author’s note: The concepts of “Fibonacci numbers,” “the Fibonacci series,” “the golden ratio,” and “Fibonacci spirals” fit into the category of what I believe would clearly qualify as “divine geometry.” In this article I will summarize a number of my CSAMA presentations from years past. If you know a bit of algebra, the concepts I present here are not overly complex. If, on the other hand, your eyes tend to glaze over (much like those of a policeman approaching a Dunkin’ Donuts shop) at the sight of a mathematical equation, then feel free to skip ahead to the illustrations further below which will clearly demonstrate how that “divine geometry” is manifested in so many apparent ways.)

An Italian mathematician by the name Leonardo Fibonacci is often credited with the discovery of a very special series of numbers which we now associate with his name.

Fibonacci introduced to Europe and popularized the Hindu-Arabic number system (also called the decimal system). Fibonacci was also known as Leonardo of Pisa. He contributed greatly to number theory, and during his life published many important texts, including Liber abbaci (1202), Practica geometriae (1220) and Liber quadratorum (1225). He is also known for the Fibonacci Series, a numerical series found frequently in the natural world. In the sequence, each number is equal to the sum of the preceding two (1, 1, 2, 3, 5, 8, 13, 21 ...).¹

Algebraically the Fibonacci series is described by this equation:

\[ F(n) = F(n-1) + F(n-2) \]

(i.e., each term is the sum of its immediately previous two terms)

The first 25 numbers of the series (arranged here in sets of 5 numbers per line) are:
1, 1, 2, 3, 5,
8, 13, 21, 34, 55,
89, 144, 233, 377, 610,
987, 1597, 2584, 4181, 6765,
10946, 17711, 28657, 46368, 75025.²

The ratio of each successive pair of numbers in the sequence approximates the quantity, 1.618033988749895..., known mathematically as "ϕ," or phi. For example, 5/3 = 1.666, .., and 8/5 = 1.60. “(T)he ratios of the successive numbers in the Fibonacci sequence quickly converge on Phi. After the 40th number in the sequence, the ratio is accurate to 15 decimal places.”³

The ratio of each number in the series to its adjacent lesser number in the series is known as the **golden ratio**.

![Diagram of golden ratio rectangle](image)

Given a rectangle having sides in the ratio 1:ϕ, the golden ratio ϕ is defined such that partitioning the original rectangle into a square and new rectangle results in a new rectangle having sides with a ratio 1:ϕ. Such rectangles are known as a **golden rectangle**. Euclid used the following method to construct them: Draw the square ABCD, call E the midpoint of AC, so that AE = EC = x. Now draw the segment BE, which has the length $x \sqrt{2^2 + 1^2} = x \sqrt{5}$, and construct EF with this length. Now complete the rectangle CFGD, which is golden, since $\phi = \frac{EF}{CD} = \frac{x(\sqrt{5} + 1)}{2x} = \frac{1}{2} (\sqrt{5} + 1)$. 

![Another diagram of golden ratio](image)
Successive points dividing a golden rectangle into squares lie on a logarithmic spiral (Wells 1991, p. 39; Livio 2002, p. 119) which is sometimes known as the golden spiral.⁴

The following website clearly demonstrates how plants obey the Creator's design:
http://www.mathsisfun.com/numbers/nature-golden-ratio-fibonacci.html

... And more photographic images illustrating the Fibonacci concepts in nature:

- Crisscrossing spirals of Aloe polyphylla.
- Romanesque, a variety of cauliflower.
- A sunflower seed head with counter-rotating spirals.
- A cross-section of a Nautilus Shell.
- A ram's horn.
- A flat shell.
- An elongated shell.
- The Pinwheel Galaxy (also known as Messier 101 or NGC 5457). This
A spiral galaxy. This one appears to be rotating clockwise. One appears to be rotating counterclockwise.

Next month we’ll look at an altogether different manifestation of spirals, and we’ll test the artist's hypothesis to see whether he was right..., confused..., or simply wrong.

---

1 http://www.factmonster.com/biography/var/leonardofibonacci.html
2 http://ibiblio.org/pub/docs/books/gutenberg/etext01/fbncc10.txt
3 http://www.goldennumber.net/fibonacci-series/
4 http://mathworld.wolfram.com/GoldenRectangle.html

---

We’d love to hear from you!

If you have questions or comments, or if you have suggestions for making our newsletter better, please feel free to contact us. We’ll do our best to respond to every query. THANK YOU!

(Use the editor link on the contact page at www.csama.org.)

---

April Monthly Meeting
Tuesday, April 1st
“Evolution vs. God” DVD
moderated by Kevin Anderson

The fool says in his heart, “There is no God.” They are corrupt, they do abominable deeds, there is none who does good. Psalm 14:1.

In this fallen world, the battle being fought is one of authority. Will we look to God’s Word for answers? Or will we look to man and his changing, fallible opinions as the highest authority? On this April Fools' Day we will present the video, Evolution vs. God. In this presentation from Living Waters, Ray Comfort reveals the seemingly unwavering commitment of a group of professors and students to evolution, despite the clear lack of observable, repeatable evidence to support it. For example, when asked to present an observable example of one animal kind evolving into another, the professors and students completely fail in their attempts to do so. Instead, they offer examples such as one fish changing into another fish, a bird changing into another bird, or a bacterium changing into another bacterium. In all of these examples, the fish are still fish, the birds are still birds, and the bacteria are still bacteria. Yet those interviewed remain committed to evolution, despite their obvious failure to offer any observable support for its claims.

---

Monthly Meetings 2014

(1st Tuesday of each month; content subject to change; no signup or registration necessary.)
• January 7th: “The Great Debate” DVD, moderated by Bob Farwell.
• February 4th: “God Created Birds” DVD, moderated by Douglas Roger Dexheimer.
• March 4th: “The Mystery of the Cambrian Fossil Record” DVD, moderated by Bob Farwell.
• April 1st: “Evolution vs. God” DVD, moderated by Kevin Anderson.
• May 6th: “Noah Extravaganza,” by Kevin Anderson & Bill Cowherd.
• June 3rd: “Radiometric Dating,” by Dave Penny.
• July 1st: “The Great Debate” DVD, moderated by Bob Farwell.
• August 5th: “Ice Age and Global Warming” DVD, moderated by Kevin Anderson.
• September 2nd: “Relativity and Creationism,” by Dave Penny.
• October 7th: To be announced.
• November 4th: “The Great Debate” DVD, moderated by Bob Farwell.
• December 2nd: “Hegelian Implications,” by Dave Penny.

CSA Monthly Meeting Location
Westbrooke Church
9777 Antioch
Overland Park, KS 66121
10 blocks east of 69 Highway (or Switzer) on 95th St. to Antioch, south two blocks on Antioch, on east side of street.
Fellowship & book table: 6:15PM. Meeting: 7:00PM.

For detailed Monthly Meeting information:
www.csama.org

2014 Creation Safaris

• March 28 (Friday, 7:30 pm) – Astronomy Safari.
• April 25 (Friday, 8:00 pm) – Astronomy Safari.
• April 26 (Saturday) – Southeast Kansas Fossil and Mineral Safari.
• May 30 (Friday, 8:30 pm) – Astronomy Safari.
• May 24 - 26 (Saturday - Monday) – Western Kansas Safari.
• June 7 (Saturday) – Photo/Nature Hike Safari at Overland Park Arboretum.
• June 28 (Saturday, 8:45 pm) – Astronomy Safari.
• June 19-21 (Thursday - Saturday) – A float trip down the Ozark River.
• July 19 (Saturday) – Kansas University Natural History Museum Safari.
• July 25 (Saturday, 8:45 pm) – Astronomy Safari.
• Rock Bridge / Connor’s Cave Safari (not scheduled this year).
• August 16 (Saturday) – Greater KC Fossil Hunt.
• August 22 (Friday, 8:15) – Astronomy Safari.
• Aug 29 - Sept 1 (Friday - Monday) – Southeast Missouri Safari.
• September 19 (Friday, 7:30 pm) – Astronomy Safari.
• Safari Zoological Park, Caney, Kansas (not scheduled this year).
• October 18 (Saturday) – HaHa Tonka Safari.
• October 24 (Friday, 7:15 pm) – Astronomy Safari.
• Bike Safari on the Katy Trail (not scheduled this year).
• November 21 (Friday, 7:15 pm) – Astronomy Safari.
• November 22 (Saturday) – Squaw Creek National Wildlife Refuge Safari.

Ω

You must register for any safari. For safari details, and to register please visit: www.csama.org
or call (816) 618-3610 or (816) 246-4517
Astronomy safaris only, call: (913)-515-6421.

Debate: Ken Ham vs. “Bill Nye, the Science Guy”

Recently, Ken Ham of Answers in Genesis (AIG) engaged Bill Nye (a.k.a., Bill Nye, the Science Guy) in a live, online debate on the “evolution vs. creation” issue. For those of you who are interested, that debate is now available online (perhaps for a limited time, as it has now been released on DVD) at the following website: http://debatelive.org/

COMING LUNAR TETRADS
by Douglas Roger Dexheimer

In last month’s newsletter I mentioned the concept of the lunar tetrad. A lunar tetrad is a set of four total lunar eclipses occurring in a short period of time. Although not all tetrads occur on the Jewish feast days of Passover and Sukkot (or Tabernacles), the coming tetrad falls on two Passovers, and two Feasts of Sukkot, the first set of two occurring in 2014, and the second set in 2015.

The phrase, lunar tetrad, originates in the field of astronomy. The website of the National Aeronautical and Space Administration (NASA) routinely catalogs astronomical events. Their lunar eclipse catalog is one I recommend readers examine. Observe the total number of lunar eclipses they indicate have occurred since the crucifixion of Christ (32-33 AD). They indicate seven tetrads observed since the crucifixion. They state that the eighth will occur in 2014 & 2015. There will not be another blood moon tetrad for hundreds of years.

That having been said, let me offer this caveat: Don’t be surprised if you discover that the above catalog is absent from their website. It seems they yanked it shortly after WND published an article about the lunar tetrad. One can only speculate as to why a catalog published for years on NASA’s website would suddenly disappear.

Until recently it was not known that eclipses have occurred on Jewish feast days, since NASA’s use of Gregorian calendar dates never mentions them. However when Pastor Mark Biltz of El Shaddai Ministries superimposed the Jewish calendar feast dates on the Gregorian calendar, he discovered that there had been previous (and would be future) blood moons that coincide with the Jewish feast days of Passover and Sukkoth. The search engine Google contains numerous web links.
to “blood moons,” and Pastors Mark Biltz and John Hagee offer several online video presentations on the subject.

Pastor Biltz has carefully correlated the previous seven blood moons to key events in Israel’s history. To some, it seems obvious that these lunar tetrads are "signs in the sun, moon, and stars," and so, accordingly, it would be logical to expect that this eighth tetrad will align itself with yet another major historical event for the nation of Israel.

Messianic Jews Alf & Julie Saunders discuss in even greater detail the historical coincidence of these past and forthcoming lunar tetrads with significant events in the history of both Israel and other countries. They make no specific prophecies regarding Christ’s return, but they do expect that some major event will have an impact on the nation of Israel.

The eclipses and Jewish feasts are illustrated in the following chart, available at the website of Sonoma State University (reproduced here with their permission). (We are indebted to Mr. Luis Vega, the designer of the chart, who states, “the purpose of these short studies -by way of charts is to better help & instruct us to consider such patterns as they may hold a key in what happened in the Past & to what can possibly happen in the Future. Does history repeat itself? Some would say yes, others no or maybe... The research presented is in part based on speculation testing various Biblically themed theories. Facts & figures will be examined to extrapolate possible patterns; in no way are they to prove a point or have an agenda. When the theory is tested & found lacking substantially, it should be considered as such. I welcome any criticism or corrections & will adjust accordingly, time permitting.” -- Emphasis added.)

---

**DISSECTION OF A LUNAR TETRAD**

The purpose of this study is to focus & amplify the 2014-2015 TETRAF time segment for a better understanding & to see its unique properties & patterns in light of Biblical Astronomy. The 4 TOTAL LUNAR BLOOD MOONS are paired up - accompanied by their immediate & complementary Solar Eclipses. The March 20, 2013 “Total Solar Eclipse” in particular seems to accent & highlight the sequence & could signal a very significant time-marker. It is the only Total Solar Eclipse in the solar series & happens to fall precisely on the Spring Equinox. It serves to mark one of a series of moments in time that could help reveal prophetic significance of historical prophecies. The Jewish Civil Year is determined by the New Moon & the Spring Equinox & has to have a context & overall perspective of timing.

In the years 2014-2015, a phenomenon will occur during this time frame in our modern history that could herald a "prophetic event" in the prophetic clock of God. The "LORD GOD Creator of the Heavens & Earths (vs 7) GOD of Israel. In the Heavens, there are 4 witnesses - a unique Harvard equation. A Total lunar eclipse occurs at a time of 29.5 days, a 15 day period & 4 days. This event has not occurred since the end of World War II in 1945 & the 2013 & 2014 have 4 days. This 4th cycle since Christ will not repeat until into the distant future if one is still alive. What is significant is that each TETRAF is marked precisely by the Jewish First & Last Fast of GOD - Passover & Sukkot. During each TETRAF, it has been a time of great travail for the nation of Israel; a time marked by war, death, & war. It is believed that Jesus Christ stated that when this Return would be at hand, the Moon would not rise as Blood & the Sun would not burn black as ‘noonday’; these洞察ive events would then be part of the significant signs in the forthcoming Lord of Days & relation to Christ's absolute final judgment & the consummation of the end of the two periods. The TETRAF sequence then perhaps gets another of GOD's signatures & time pieces. For illustration purposes only. No Predictions are Made.

**OBSERVATIONS**

The eclipses and Jewish feasts are illustrated in the following chart, available at the website of Sonoma State University (reproduced here with their permission). (We are indebted to Mr. Luis Vega, the designer of the chart, who states, “the purpose of these short studies -by way of charts is to better help & instruct us to consider such patterns as they may hold a key in what happened in the Past & to what can possibly happen in the Future. Does history repeat itself? Some would say yes, others no or maybe... The research presented is in part based on speculation testing various Biblically themed theories. Facts & figures will be examined to extrapolate possible patterns; in no way are they to prove a point or have an agenda. When the theory is tested & found lacking substantially, it should be considered as such. I welcome any criticism or corrections & will adjust accordingly, time permitting.” -- Emphasis added.)

---

**DISSECTION OF A LUNAR TETRAD**

The purpose of this study is to focus & amplify the 2014-2015 TETRAF time segment for a better understanding & to see its unique properties & patterns in light of Biblical Astronomy. The 4 TOTAL LUNAR BLOOD MOONS are paired up - accompanied by their immediate & complementary Solar Eclipses. The March 20, 2013 “Total Solar Eclipse” in particular seems to accent & highlight the sequence & could signal a very significant time-marker. It is the only Total Solar Eclipse in the solar series & happens to fall precisely on the Spring Equinox. It serves to mark one of a series of moments in time that could help reveal prophetic significance of historical prophecies. The Jewish Civil Year is determined by the New Moon & the Spring Equinox & has to have a context & overall perspective of timing.

In the years 2014-2015, a phenomenon will occur during this time frame in our modern history that could herald a "prophetic event" in the prophetic clock of God. The "LORD GOD Creator of the Heavens & Earths (vs 7) GOD of Israel. In the Heavens, there are 4 witnesses - a unique Harvard equation. A Total lunar eclipse occurs at a time of 29.5 days, a 15 day period & 4 days. This event has not occurred since the end of World War II in 1945 & the 2013 & 2014 have 4 days. This 4th cycle since Christ will not repeat until into the distant future if one is still alive. What is significant is that each TETRAF is marked precisely by the Jewish First & Last Fast of GOD - Passover & Sukkot. During each TETRAF, it has been a time of great travail for the nation of Israel; a time marked by war, death, & war. It is believed that Jesus Christ stated that when this Return would be at hand, the Moon would not rise as Blood & the Sun would not burn black as ‘noonday’; these洞察ive events would then be part of the significant signs in the forthcoming Lord of Days & relation to Christ's absolute final judgment & the consummation of the end of the two periods. The TETRAF sequence then perhaps gets another of GOD's signatures & time pieces. For illustration purposes only. No Predictions are Made.

**OBSERVATIONS**

The eclipses and Jewish feasts are illustrated in the following chart, available at the website of Sonoma State University (reproduced here with their permission). (We are indebted to Mr. Luis Vega, the designer of the chart, who states, “the purpose of these short studies -by way of charts is to better help & instruct us to consider such patterns as they may hold a key in what happened in the Past & to what can possibly happen in the Future. Does history repeat itself? Some would say yes, others no or maybe... The research presented is in part based on speculation testing various Biblically themed theories. Facts & figures will be examined to extrapolate possible patterns; in no way are they to prove a point or have an agenda. When the theory is tested & found lacking substantially, it should be considered as such. I welcome any criticism or corrections & will adjust accordingly, time permitting.” -- Emphasis added.)
Note the total symmetry of these events, and their correlation to the Jewish feasts of Passover and Tabernacles. A bit of astronomy is described in the lower corners.


We invite your questions and comments.

Next month, another incredible discovery regarding the coming blood moons will be explored... and tested. Remember, that, according to the scientific method, a theory -- by definition -- must be falsifiable in order to even be considered as a theory. If it can be adequately validated by repeated failures to falsify it, a theory will then stand until such time as it can be successfully proven false.

Stay tuned. The first of these lunar tetrads will occur very soon -- on April 15th.

3 http://www.pray4zion.org/TheComingBloodMoons.html
1 http://www.postscripts.org/charts-1.html

Ω

Too far away to attend CSA meetings?
Why not attend via audio or video tape?
Attend CSA Meetings by ordering the audio ($5) or video ($13) copy.
A full list of what is available can be found in a link at:
www.csama.org
To order, request by meeting date and topic. Copies of above items may also be borrowed from...

The CSA Lending Library
8904 Mastin
Overland Park, KS 66212
(913) 492-6545

Common Core... Again
by Paul Fennern

A recent message from the American Family Association of KS & MO (AFA-KSMO) provides yet further insight into the danger of the “Common Core Curriculum” (CCC), specifically citing “The Promotion of Materials Harmful to Minors" law.

One of the organizer’s leaders has provided state testimony on the gap that exists in the Kansas law, which implies that only commercial establishments are subject to the "harmful materials to minors," and not public entities such as the public school system.

He suggests that in light of a recently discovered and highly objectionable “sex education” poster being used in the federal program for 13-year-olds, as well as the now well-known 12-foot tall "sexting" sculpture located in a local children's park, Kansas House Bill 2496 needs drastic revision. However it can be fixed by some very simple rewording, and by including in its purview ALL public institutions instead of only commercial establishments. We strongly recommend readers apprise themselves of the current status of this and other legislation dealing with this issue, and that they contact their legislators to voice their concerns (http://afa-ksmo.net/).
Are you participating in CSA as much as you should?

“The harvest is plentiful, but the laborers are few.”

Are you doing all the Lord has called you to do in the war for the minds and souls of our citizens... especially our youth? CSA is not a closed fraternity. Any born-again believer who is abiding in the words of Jesus, and has been gifted in research, computers, speaking, clerical activities, writing of articles or book reviews, etc., and who has heard a call to serve in an origins ministry should consider and pray about serving with us. Write or call for more information.

Join and Support CSA

Thousands of people receive CSA News, which is free for the asking.

Please consider supporting our work.

Annual membership: Associate - $5; Full - $17; Sustaining - $100.

Write or call:

CSA
22509 State Line Road
Cleveland, MO 64734

Phone: (816) 618-3610
FAX: 1 - (816) 658-3253
Important: The phone is a KC phone, FAX is not.

Help Wanted

CSAMA is seeking an editor for, and contributors to, our newsletter. If you are a born-again Christian, believe the Bible is the infallible word of God, subscribe to the literal 7-day creationist viewpoint, if you have researching and writing skills, and if you have suitable ideas for articles to contribute to our publication and can meet a monthly deadline schedule, please contact the newsletter webmaster via the link at www.csama.org.

You are invited to attend all the monthly meetings, and as many of the safaris as you can fit into your schedule. Pass the word. Tell your friends and neighbors about CSAMA and our activities. Show them how to subscribe to the CSAMA Newsletter.

Never miss an opportunity to debunk the "millions-of-years" notion that evolutionists insist is necessary for life as we know it.

Contact & Info Link

• Subscribe or manage subscription profile.
• View current and archived printable issues of CSA News.
• Download the CSA Creation Audiovisual Lending Library list.
• Get details about upcoming CSAMA events.
• Send questions, comments, suggestions to the editor.
• And more, via the CSAMA web site.

www.csama.org

Quick unsubscription link at the bottom of the most recent newsletter.