

The Attackers: Gratitude for Higher Math; the Copernican Principle & the Search for Extragalactic Life: Kepler 22b; Motivated by the Lies of Scientific Speculation: Superstring, Darwinism, & the Big Bang; *Sunistemi*: Jesus Christ Uses His Laws of Science to Hold the Universe Together, Col 1:17

87. The expanded translation of verse 16 reads like this:

Colossians 1:16 - By means of Himself [**Jesus Christ**] all things were created ex nihilo [κτίζω (*ktízō*)] in the sphere of the universe and upon the earth, the visible things [**matter**] and the invisible things [**energy**], whether the authority associated with nationalism or the laws of divine establishment, or demonic general officers or demonic commissioned officers—all things were created ex nihilo [κτίζω (*ktízō*)] by Him and for Him.

1. The next verse is where we run into calculus, general relativity, quantum mechanics, and, so far, inscrutable areas of higher mathematics yet to be discovered by man.
2. I took two hours to develop what for me could only be a cursory, sub-elementary introduction into these areas of sophisticated mathematics which some have voted as #1 on the constantly enlarging Most Boring Bible Classes List.
3. New flash: Without these things you would not be here. Your very existence is dependent upon them. The environment for the sustenance of your life could not be maintained without them.
4. When you give thanks for all your many blessings you should include calculus, general relativity, and quantum mechanics among them.
5. Cosmologists and theoretical physicists are motivated to do their research into these areas because they are convinced they will be able to figure out how the universe was created and what sustains the universe.

6. Verse 16 answers the former while verse 17 answers the latter. Jesus Christ created it using these and even more sophisticated systems of mathematics and sustains it in the same manner.
7. The thrust of our study is to qualify the difference between what is truth, what is true, and what is the lie.
8. Truth is absolute and its patent is held by Jesus Christ. What is true may be accurate but it does not necessarily line up with truth. The lie is that which is in opposition to what is truth and what is true.
9. It is my opinion that the billions of dollars invested in inter solar system exploration by NASA and the cosmologists who use its Kepler telescope to probe the outer reaches of our corner of the universe, is motivated by the belief that life cannot be isolated to our small planet.
10. The belief is that if life can evolve in the environment provided by this planet then it can also accomplish the same on planets similar to ours.
11. To illustrate this effort, let's consult an article which appears on the Web site www.science.com:

MOUNTAIN VIEW, Calif. — NASA's planet-hunting Kepler spacecraft has confirmed the discovery of its first alien world in its host star's habitable zone—that just-right range of distances that could allow liquid water to exist—researchers announced December 5.

The potentially habitable alien world, a first for Kepler, orbits a star very much like our own sun. The discovery brings scientists one step closer to finding a planet like our own—one which could conceivably harbor life, scientists said.

"We're getting closer and closer to discovering the so-called 'Goldilocks planet,'" Pete Worden, director of NASA's Ames Research Center in Moffett Field, Calif., said.

The newfound planet in the habitable zone is called Kepler-22b. It is located about 600 light-years away, orbiting a sun-like star.

Kepler-22b's radius is 2.4 times that of Earth, and the two planets have roughly similar temperatures. If the greenhouse effect operates there similarly to how it does on Earth, the average surface temperature on Kepler-22b would be 72 degrees Fahrenheit.¹

12. There is a Luciferian hidden agenda in all of this. Satan jumped on Darwin's theory and is riding it for all it's worth. The theory authenticates a lie that God did not create human life.
13. By the same token, the big bang theory authenticates the lie that God did not create the universe.
14. These theories and the conclusions they spawn are believed to be true by those who subscribe to them. But under the principle that the Bible contains the actual accounts of what did happen, then claims by scientists, mathematicians, and cosmologists must be evaluated in that light.
15. The creation theories in opposition to biblical accounts regarding the creation of the universe and Homo sapiens are found wanting and are therefore discredited.
16. Progressive ideology operates in the protected environment of a federal school system which has legally outlawed the biblical accounts in favor of scientific speculation (superstring), hypothesis (Darwinism), and theory (the big bang).
17. Therefore, public schools by law officially teach the lie to unsuspecting students. When opposition calls foul, anti-Christian voices lift hue and cry until these opponents are shouted down, thus the continuous rise of private and parochial schools.

¹ Max Wall, "NASA Telescope Confirms Alien Planet in Habitable Zone," www.space.com, December 6, 2011 (accessed December 9, 2011). <http://www.space.com/13821-nasa-kepler-alien-planets-habitable-zone.html>

18. In verse 17 we will see how the mathematical methods we have recently presented were used by our Lord in His original creation of all things, visible and invisible.

Colossians 1:17 - He is before all things, and in Him all things hold together. (NASB)

1. This verse opens with the proclamation that Jesus Christ is undiminished deity and possesses eternal life. It begins with the continuative conjunction **καί (kai)**: “And,” followed by the pronoun **αὐτός (autós)**: “He,” and the verb **εἰμί (eimi)**: “is.”
2. The verb is the static present which represents a condition which is assumed as perpetually existing and ever to be taken for granted as a fact.²
3. The active voice indicates that Jesus Christ produces the action of the verb while the indicative mood is declarative thus confirming this as an irrefutable fact. The clause is translated, “And He keeps on being.”
4. The next word is the preposition **πρό (pró)** translated “before” followed by the ablative of separation from the plural neuter noun **πᾶς (pás)**, translated “before all things.”
5. The introductory clause reads. “And He keeps on being before all things.”
6. The “all things” relate to His creation of the universe, the earth, and things visible and invisible.
7. The neuter plural of the noun *pas* is repeated, “and all things.”
8. A second prepositional phrase follows introduced by the instrumental of means of **ἐν (en)**: “by means of.”

² H. E. Dana and Julius R. Mantey, *A Manual Grammar of the Greek New Testament* (Toronto: The Macmillan Co., 1955), 186.

9. The subject is again the pronoun **αὐτός (autós)**: “Him,” referring to Jesus Christ.
10. One of the most important words in the passage ends the verse, the perfect active indicative of **συνίστημι (sunístēmi)**: “hold together.”
11. This is the durative present and is retroactive in its application, denoting that which has begun in the past and continues into the present.
12. At the beginning, Jesus Christ created ex nihilo the universe and the earth, things visible and invisible, and systems of order and authority. Also mentioned are the fallen category of angels emphasizing those senior-ranking officers that organize the Dark Side’s challenge to order and authority.
13. The active voice indicates again that Jesus Christ is the Agent who created ex nihilo “all things” mentioned in context.
14. The indicative mood is declarative for a statement of historical truth.

Here is the expanded translation of the two verses:

Colossians 1:16 - By means of Himself [**Jesus Christ**] all things were created ex nihilo [κτίζω (*ktízō*)] in the sphere of the universe and upon the earth, the visible things [**matter**] and the invisible things [**energy**], whether the authority associated with nationalism or the laws of divine establishment, or demonic general officers or demonic commissioned officers—all things were created ex nihilo [κτίζω (*ktízō*)] by Him and for Him.

Colossians 1:17 - And He keeps on being before all things [**eternal life of undiminished deity**], and by means of Him all things hold together [συνίστημι (*sunístēmi*)].

15. Jesus Christ's attributes of omniscience, omnipotence, eternal life, and immutability coordinated in the original ex-nihilo creation of the universe and the earth and in the ongoing process of holding it all together.
16. On the latter point, *sunístēmi* summarizes the following abbreviated list of "natural laws" possessed by divine intellect and used by Christ in His creative and sustaining acts regarding the "all things": real numbers, complex numbers, algebra, geometry, trigonometry, calculus, general relativity, and quantum mechanics.