

CSA News

The Creation Science Association for Mid-America

"It is better to trust in the Lord than to put confidence in man" Psalm 118:8

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Is Creation Science? - Part IV

The Laws of Complex Systems

by Tom Willis

Please read 1, 3, and 5/2002 articles before reading this. If stated, "Six thousand years ago, God created the heavens and the earth," creation is not science. Nor is evolution testable science if stated, "Two hundred million years ago a fish sired a salamander." Know anyone who can cause a fish to sire a salamander 200 million years ago? But, many questions, to which we desire answers, require creativity to state as general scientific propositions. Like Newton, we previously proposed four propositions about complex systems, and defended the view that they have all been "rendered general by induction," i.e., rigorous testing has certified them, more thoroughly than any "law of science."

The Fifth Law of Complex Systems:

"All complex systems are continuously and inexorably subject to the bondage to decay."

The phrase "bondage to decay," as far as I know, was first used by Paul, the apostle, in Romans 8:21 (NIV, essentially the same in KJV). He is clearly referring to "the curse" applied to "the entire creation" in Genesis 3. Our proposition simply states Paul's assertion as a testable scientific proposition. Every physicist knows this decay as the "law of increasing entropy." or "The 2nd Law of Thermodynamics." By "entropy" they mean the loss of energy for useful work. Since every chemical reaction results in an increase in entropy, it means more energy becomes unavailable with every energy transaction, throughout the cosmos. This law has been "rediscovered" in every field of human science. The rotational velocity of the earth is decaying, stars are burning out, cars, carpet, buildings and drapes all deteriorate, mutations are accumulating in all life forms, telephone conversations come out of the wire lower in quality than when they entered. Further, all elements and even subatomic particles are known to be decaying. Contrary to popular belief, this is not restricted to "radioactive" elements only.

Further, the "bondage to decay" seems certainly to be far more comprehensive and extensive than even the 2nd Law of Thermodynamics. Geneticists have said for years that living things seem programmed to die. More recent discoveries substantiate this. Telomeres and many other phenomena cause "Programmed Cell Death." Evolutionist science is awash with noise about this. While some forms of this death appears "good for evolution," in their eyes, and others useful for organism survival, it is now fact that cells and organisms are "programmed to die."

Thus the experimental evidence for "**The 5th Law**" comes from every field of science, everything is decaying! And there seems no human hope for stopping it outside the promise of God that Jesus will hasten it at the end, and create a new heavens and earth which will not be subject to the 5th Law of Complex Systems. To prove this proposition false, one has merely to find complex systems which do not decay.

While not related to the experimental evidence for this law, it has been my prophecy for some time now, that more and more complex features of the "bondage to decay" will be discovered. Why? Even back at the Tower of Babel, God took specific note of man's technological ability, and His need to prevent man from getting off His schedule. It seems obvious, in order to insure that His purpose for "the curse" be fulfilled, He would add more that adequate redundant design to the implementation of the curse to insure that man could not circumvent the curse by technology. For example, it seems obvious all of man's technology has not extended life spans any since the time of David, and today they are actually shorter than the time of Moses.

The Sixth Law of Complex systems:

"Because they are the most complex systems we know, matter, galaxies and life are created."

This law, like most of Einstein and Newton does not have to be proven experimentally. Because of the thoroughly tested 3rd Law of Complex Systems, we know that more complex systems require more intelligent input and creative effort than simpler ones. Therefore, by deduction, it necessarily follows that the most complex systems we know were created.

If one truly needs more confirmation, empirical science has delivered trainloads. The 1st Law of Thermodynamics, one of the most proven laws of science is that "Matter can be neither created nor destroyed." We can burn a log, but the 1st Law of Thermodynamics declares that we have not destroyed the matter, we have merely changed it's form. However, man's efforts to make matter by any process have all failed. Yet we know from the 2nd Law of Thermodynamics that, if matter had been here forever, the universe would have died a heat death. Therefore, by deduction, we know that matter came into existence in real historical time, and its complexity requires that it be created. To falsify this proposition, simply produce some matter from nothing. I'd be impressed if someone created any, but it would be truly striking if one did it by random processes.

Further empirical confirmation for the **6th Law of Complex Systems** comes from The Law of Biogenesis. Based on thousands of years of human observation and hundreds of years of intense experimentation, it states that "Life comes only from life, and after its kind." Life is so complex that man hasn't come close to creating it, much less watching it form spontaneously. By deduction from the 1st Law of Complex Systems, life was

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created. Again, falsification requires a simple experiment, produce life by non-creative processes.

Obviously, man will not create a galaxy, but neither will random processes. We cannot even conceive of the equations that would explain stability in a 3-star galaxy. The probability of it happening by chance is worse than nil.

Thus, the **Sixth Law of Complex Systems is certified, by induction and deduction**; matter, life and galaxies were created.

The Seventh Law of Complex Systems:

“The creator of matter, galaxies and life is outside of, essentially different than, transcendent to, matter, life and galaxies, therefore properly called 'Spirit' or 'God'”

We saw in the **4th Law** that *“The Creator of every complex system is outside of, essentially different than, transcendent to, the created system.”* Therefore, I suppose, a fair criticism of this law is that it is redundant, already encompassed in the **4th Law**. But, it is more than slightly noteworthy that, the science of complex systems clearly points to an intelligent, living, creator who is transcendent to the material universe. This law gives further scientific insight into the scope of that transcendent being.

Since the material universe seems essentially, if not physically, infinite in scope, and matter is everywhere in that universe, and galaxies are highly ordered, yet millions of light years across, and life and matter are essentially infinitely complex (likely to never be fully understood by man), and these things require a creator who is transcendent to them, then, by deduction, it necessarily follows that the creator of matter, galaxies and life must have essentially infinite knowledge and power, which, while I cannot measure it, must be essentially infinite in scope.

As to whether the Creator should be called “spirit,” we have shown that whoever created the interesting things in the cosmos was intelligent and transcendent to matter. One seems hard pressed to argue that someone transcendent to matter and capable of creating all this, ought not be called spirit. What other term would be appropriate? This seems especially so if “spirit” is what he says he should be called, which leads to our last law.

The Eighth Law of Complex Systems:

“The Creator of all the Interesting Things of the Cosmos is the God of the Bible, and no other.”

Obviously, the reader, regardless of his religion, ought to be interested in whether science can certify that the creator of matter, galaxies and life is “spirit” or God, and/or the God of the Bible. At the present time I do not know how to write a testable hypothesis for this Law, one that can be “rendered general by induction.” But, at least from Einstein forward “modern physics,” and even to a significant extent, Newton was not proven by induction but by “risky prediction.” If scientists accept risky predictions as certification of proposition, the Bible is once again a leader of science. The successful risky predictions in the bible are so legion that failure to “render general” this last Law seems moot.

The Bible claims that God (YAHWEH) is hyper-intelligent, and that He created all the interesting things in the universe (Genesis I, Exodus 20, John 1:1- 3). The Bible claims that God is Spirit and not matter (*“God is a Spirit: and they that worship him must worship him in spirit and in truth,”* John 4:24). The God of the Bible is transcendent, *“As the heavens are higher than the earth, so are my (God's) ways higher than your ways, and my thoughts than your thoughts”* (Isaiah 55:9).

We have shown that all these very risky Biblical claims are certified as well as any law of science. Whoever created the interesting components of the cosmos is outside of, not dependent on, and essentially unlike, therefore immaterial and transcendent to, the material universe. Since all creators are intelligent, anyone capable of creating this degree of complexity must be hyper intelligent. Thus, the major claims of the Bible about God have been certified by science, the best science that we have. Finally, it is more than slightly noteworthy that, of all the “gods” in history, **these attributes fit only the God of the Bible!** (and, in a somewhat strained sense, the God of Biblical Cults, like Judaism and Islam)

Thus, **Seven Laws of Complex Systems** have been **rendered general by induction, deduced from earlier laws, or certified by risky prediction! All the interesting things in the universe were created by an intelligent, living being, transcendent to the material universe!** The Eighth Law cannot be rigorously deduced from the first seven because there is a possibility that the creator did not reveal himself, and a minuscule possibility that the God of the Bible is just accidentally identical to the one in the first seven laws. But, that possibility seems so remote that only a fool would hold out for it (also frequently prophesied in the Bible). Furthermore, the Bible provides a virtual mother lode of other testable information about God, which, though beyond the scope of this series to examine, I will happily defend as supporting the **eighth law**.

Finally, if Occam's Razor ever applies in science, surely it applies here. The inventor of another transcendent creator must prove his proposition is simpler than just believing that the creator of the cosmos revealed himself in the Bible, and provided for the redemption and restoration of his creation exactly as the Bible says. The notion that 56 Bible authors, over 1500 years made a lucky guess seems consummately deluded. Of course many will choose this conclusion, providing the final certification of the **eighth law**, *“And with all deceivableness of unrighteousness in them that perish; because they received not the love of the truth, that they might be saved. And for this cause God shall send them strong delusion, that they should believe a lie: That they all might be damned who believed not the truth, but had pleasure in unrighteousness.”* 2 Thessalonians 2:10-12.

Conclusion:

We firmly asserted at the outset that no proposition of empirical science, from gravity to the laws of motion is ever proven true. If you act on any of them, ultimately you do so on faith (*“Now faith is the substance of things hoped for, the evidence of things not seen.”* Hebrews 11:1). The same is true of acting on these “Laws of Complex Systems.” But, if you get on an airplane expecting it to go forward (3rd Law of Motion), yet you fail to accept Christ, through the testimony of the Bible, and get on His “airplane,” then clearly you will be “without excuse” (Romans 1:18-25) when 2 Thess 2:10 (above) is applied, by God, to you.

The author of this essay, God the Father, the Son who loved us unto death, and the Spirit who is ever present to lead us home, and all the Body of Christ (the true Church), earnestly desire that none would choose delusion or to perish, but that **all would love the truth and so be saved!** (see also, 2 Peter 3:9)

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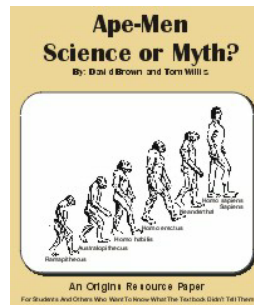
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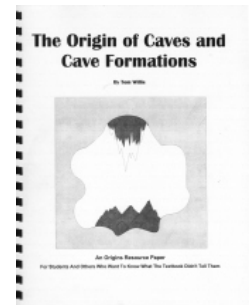
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Egyptian History and the Bible

Can They Be Reconciled ?

Speaker: Mary Jefferson

Mary admirably restrained herself in her June session as she outlined the World's view of Egyptian history. She even let the audience draw it's own conclusion, which should be, "As it is taught, the secular history of Egypt cannot be reconciled with the Bible." With insight, one might add, "That is why it is taught that way." References to Israel in Egypt are almost non existent, but there are hundreds of references to Egypt in the Bible. Why? When was the Flood? When did Joseph go to Egypt? When was the Exodus? In this lecture, Mary presents three "reconciliation" theories. She does not consider them all equal.

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"And with all deceivableness of unrighteousness in them that perish; because they received not the love of the truth, that they might be saved. And for this cause God shall send them strong delusion, that they should believe a lie: That they all might be damned who believed not the truth, but had pleasure in unrighteousness."

Paul, Silvanus, and Timotheus, in 2 Thessalonians 2:10-12

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Quotable Quote:

"For now we see through a glass, darkly; but then face to face: now I know in part; but then shall I know even as also I am known."

Paul's summation of empirical science,
1 Corinthians 13:12

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