



Meru Foundation eTORUS Newsletter

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With this issue we return to the subject of Intelligent Design. In his essay for Meru eTORUS #30 at <http://www.meru.org/Newsletter/number30.html>, Stan focused on the shortcomings of Intelligent Design as a theory of science. In the essay below, he asks: What does the concept of Intelligent Design imply about the Designer?

A More Intelligent Designer



Essay by
Stan Tenen

The most intelligent design of the most intelligent designer is, metaphorically speaking, the no more than slightest tap from the tip of the tip of the tip of the designer's "little finger."

The fact that no more than the slightest tap is needed precludes any fine tuning and any ad hoc miracles that violate nature.

It makes little sense to believe that an infinitely transcendent Designer – the most intelligent possible Designer – would need to fine-tune, because this implies a lack of foresight and/or a lack of potency. Any incomplete design could be improved on by a smarter Creator!

The most intelligent of intelligent Designers is the one who uses the least effort. The principle of "least action" is fundamental in nature. Logically, the infinitely intelligent Designer needs to use no more than infinitesimal effort and needs to take no more than an instant.

Since – by definition – the Designer's abilities in all fields are infinite, even the least effort of the tip of the tip of the tip of His (metaphoric) "little finger" is still more than sufficient to move the world on a continuous and eternal basis. We should expect that an Infinite Designer's merest impulse becomes the universe's eternal momentum. This movement is called the Shefa Tal , and it is the sea of "photons" within which intelligent creatures make conscious choices.

That "very least effort" on the part of the Designer is not spent making innumerable ad hoc choices. The infinitely intelligent Designer turns the potential for choice over to His designs – the creations and creatures, enabling each to act for itself within its own boundaries by providing a continuous stream of the ability to make choices.

In an instant, an Infinite Transcendent Creator can provide continuous change over all eternity in a finite world. An instantaneous choice by the Transcendent is spread over all time, and makes an eternal flux of choices available to be made in our finite world.

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From The Editor

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Beginning with this issue, we now are offering the eTORUS in an illustrated, easily printable PDF format. Each issue will be downloadable from Meru Foundation's website -- this issue is at www.meru.org/Newsletter/eTORUS39.pdf Feature articles will be printed with all their illustrations included. I invite you to enjoy this new presentation format.



The Alphabet in Genesis

Thank you to everyone who has ordered "The Alphabet in Genesis," Meru's new "broadside" editions of published papers, essays, and graphics. We are continuing our introductory special on these books – if you purchase the set of 6 greyscale volumes for \$99.95, we will add the full-color "Graphic Essays" volume for free. You can find more information on "The Alphabet in Genesis" at www.meetingtent.com/AlphaInGenesis-Broadsides.2.html .

Also, I encourage and ask those of you who have mailing lists of your own to announce "The Alphabet in Genesis" to your readers. I've posted a one-page printable "flyer" with basic information at www.meetingtent.com/AlphaInGenesisFlyer.pdf , and the text of our own announcement is posted in our eTORUS Archives at www.meru.org/Newsletter/number36.html . If you have questions or would like additional information, please contact me at meru1@well.com, or call at +781-784-3462.

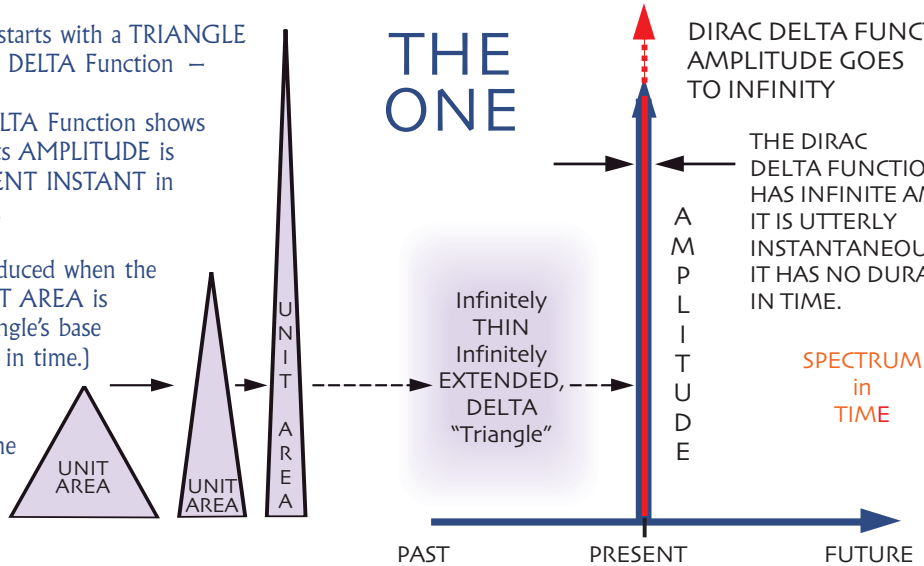
Levanah Tenen, Editor



The Dirac DELTA Function starts with a TRIANGLE – which is why it is called a DELTA Function –

The Graphic Plot of the DELTA Function shows its AMPLITUDE vs. TIME. Its AMPLITUDE is ZERO except at the CURRENT INSTANT in TIME, where it is INFINITE.

The DELTA Function is produced when the initial DELTA-Triangle's UNIT AREA is held constant while the Triangle's base approaches ZERO (duration in time.) Thus, in order for the now INFINITELY THIN DELTA Triangle to maintain the same UNIT AREA, the Triangle's AMPLITUDE must approach INFINITY.



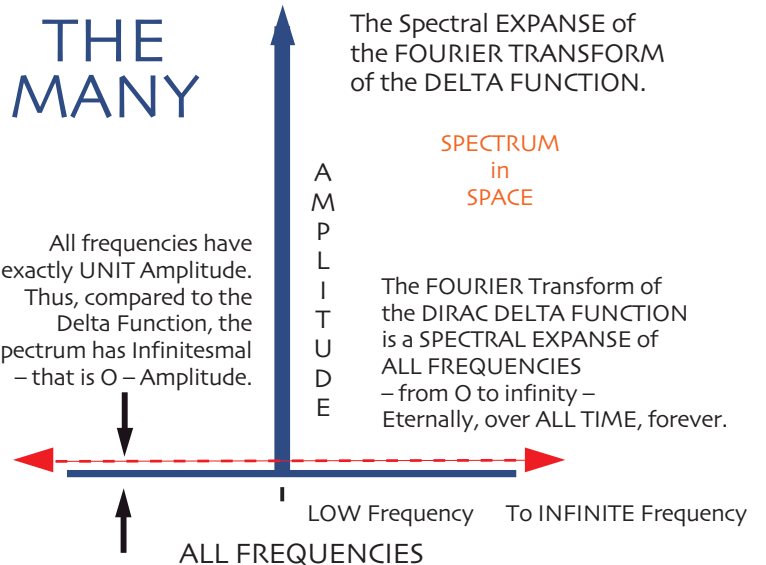
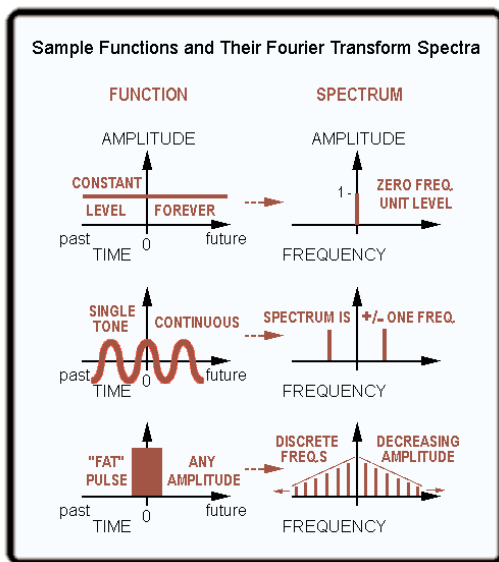
SINGULARITY – ONE INSTANTANEOUS INFINITE PULSE

This applies to all creatures that are referred to in Hebrew by the name Chai. The letters Chet and Yod provide the definition of life, and also the definition of the quantum of action provided in the works of mathematicians Arthur M. Young and G. Spencer-Brown. Spencer-Brown tells us that a universe comes into existence when a distinction is made that cuts off a space. This is the meaning of cHet (“a fenced field”). Young tells us that this “cloak” or “skin” which embodies Spencer-Brown’s “first distinction” by distinguishing inside from outside, can be seen to be a vessel of life when it makes choices in the world based on internal factors that cannot be seen or predicted from outside.

In physics, Young points out that the photon – the quantum of action – has this quality of external unpredictability. Each photon is a choice. Young associates the quantum of action with the quantum of conscious volition at all levels – the potential to express a choice in time and space that can't be predicted from the outside. (When a photon is produced in a quantum mechanical event, neither its exact timing nor its direction can be predicted.) This is the meaning of the Yod, hand/choice/choosing, inside the (vessel of) Chet.

In The Emperor's New Mind and The Road to Reality, physicist Roger Penrose tells us that plants gain the

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WHOLENESS – INFINITE ETERNAL SPECTRAL EXPANSE OF ALL TONES



information they need to self-organize from the difference in information content between the collimated white-light photons they absorb from the sun, and the infra-red and widely dispersed photons radiated back from the planet to the night sky. This is an example of Young's model and Spencer-Brown's topology in action.

The most intelligent Designer is not a "flash-in-the-pan" deity who sets the world in motion and then withdraws. This "big-bang" designer is not inclusive of the reality of the ongoing eternal flow of energy, information, and entanglement. What is consistent with reality is continuous creation. In this greatest of all expansions, all possibilities come to be, and we find ourselves in our little corner of the world. What is instantaneous to God, is eternal in time and unlimited in space to us. From His perspective, God says "Let there be light". But from our perspective we are embedded in the eternal continuum of creation – the constant flow – Shefa Tal – of photon-like choices. Every choice made by every creation and every creature is "a chip off the old block" of the first choice (to create the universe) made by the most intelligent Designer.

The mathematicians provide a sense of the Infinite to our finite minds in the form of an unending repetitive series of nesting modules (like "Russian dolls" or an "infinity mirror" – two mirrors facing each other): acorn—oak

germ—acorn—oak germ . . . Genesis 1:11 says, "...Fruit tree yielding fruit whose seed is within itself."

What is a single instant to a Transcendent God has to be, to us, an infinite series of choices and events stretched over all time.

If we want to say there is a designer – well, in a sense, the Mississippi designs its delta. But the delta of the most intelligent Designer is the design and deployment of all possible deltas. We get to interact with and care for the one we find ourselves entangled with by virtue of the choices – the forks in the road – we make.

—Stan Tenen
Sharon, MA

This essay is one of three related essays sparked by the public debate on "Intelligent Design." Please also read the following:

A More Intelligent Design at
www.meru.org/ID-Sources/MoreIntelliDesign.pdf
Fait d'Accompli at
www.meru.org/ID-Sources/Fait-dAccompli.06.pdf

¹ See *Shefa Tal* (printed in 1612) by R. Shabbetai Sheftel Horowitz of Prague (c. 1561–1619).

² Technically this is analogous to the impulse function, which acts in an instant, and its spectrum, which extends from the infinite past through the infinite future.

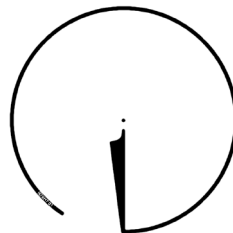
³ See Arthur M. Young, *The Reflexive Universe*, ©1976 The Estate of Arthur Young. Anodos Fdtn ISBN 0-892160-00-5.

⁴ See G. Spencer Brown, *The Laws of Form*, New York: E.P. Dutton 1979. Currently out of print. For more information, see <http://www.lawsofform.org>

⁵ See Roger Penrose, *The Road to Reality*, ©2005 R. Penrose. Knopf, ISBN 0679454438. This information gradient is the "sun and shield" model, which is illustrated in the Integrity poster at www.meru.org/1203/IntegrityPoster.pdf. It is also referred to in the Psalms, where we are told that "the Lord-God is a sun and a shield." The "sun-Lord" principle brings volition. The "shield-God" principle is the fenced field (skin) that is its boundary in the world.

Thank you for reading this issue of the Meru Foundation eTORUS newsletter.

To contact us, please email, write, or call:
Meru Foundation
PO Box 503
Sharon, MA 02067 USA
+1-781-784-3462
meru1@well.com
www.meru.org



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Meru Foundation <http://www.meru.org>
meru1@well.com
POB 503, Sharon, MA 02067 USA
Voice: 781-784-8902 eFax: 253-663-9273

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