



Meru Foundation eTORUS Newsletter

From The Editor



February 2012

East Coast: Levanah and Stan Tenen
West Coast: Bill Haber

The Alphabet That Changed the World

Sales of our book, *The Alphabet That Changed the World: How Genesis Preserves a Science of Consciousness in Geometry and Gesture*, have been growing slowly but steadily. It is receiving strong reviews from accomplished professional researchers and scholars, and we hope that as word gets out about the Meru research this trend will continue.

We have also received some excellent and thoughtful reader reviews, most of which are posted both on *Amazon.com* and on our book's own website, *www.tatctw.com*. If you have read and enjoyed *The Alphabet That Changed the World*, we invite you to post a review on Amazon. As we understand it, the more reviews our book receives (particularly 5-star reviews, if you feel our book merits it), the more Amazon will weight it in their "recommended reading" (and similar) searches. Also, if you're familiar with Amazon, please have a look at the topic "tags" for our book, and agree with or add topics you find appropriate.

And when recommending this book to others, it may help to let them know explicitly that *The Alphabet That Changed the World* is not a conventional book about the the Hebrew alphabet or the Bible. Rather, our work is new insight: a rediscovery of foundational ideas that have been lost and/or discredited (such as the origin of alphabetic letters in gestures, which was discredited in the 1850s). We firmly believe that the greatest barrier to Meru Foundation's growth is simply that people don't know our work exists, or that it's a truly new perspective—and your help can make a difference.

Meru Foundation—Future Plans

We expect that 2012 will be a year of major changes for Meru Foundation. Now that *The Alphabet That Changed the World* has been released and is generally available, Stan and I are focused on reaching out to those who can appreciate the Meru hypotheses and findings, and help to take them further.

Also, work on the *First Hand*™ model continues; we hope to have it available later this year.

Finally, I want to thank all of you who have sent Meru Foundation your financial support. As I've noted previously, our work is sustained by individuals, not institutions, and every single contribution makes a difference. If you value this material and want to help, please consider making a contribution by credit card, PayPal, or check. Thank you all very much for your support.

Essay by Stan Tenen

Once again, this issue's *Essay by Stan Tenen* is an expanded illustration and commentary on a topic central to *The Alphabet That Changed the World*: the *Inverted Unit-T* model for diagramming the relationship of complements: One and Many, Unity and Wholeness, etc. I hope you enjoy it.

—Levanah Tenen, ed.



UNITY: The Inverted Unit - T

JUDAISM SEED
CHRISTIANITY TREE
ISLAM FRUIT

The Tree of Abraham

High Priest JUDAH
Kohanim and Levites EPHRAIM
Tribes of Israel

The Stick of Judah and the Stick of Ephraim are Unified in the Hand: Ezek: 37

1 - Circle → 2 - Circle → Sphere → Hypersphere

The Golden Rule through the Dimensions

The Tree of Israel and Judah

The Golden Rule is Torah on One Foot

The GOLDEN RULE and the GOLDEN RATIO

Golden Ratio: $\frac{1+\sqrt{5}}{2}$

AS ABOVE 1
SO BELOW 1

One Foot TREE
GARDEN

The Tree in the Garden

The Priestly Blessing is defined by 2 - Hands

Model Hand

Pope's Mitre Hat

The Masonic Compass

Discrete ONE
Continuous MANY

THE ONE AND THE MANY

Cubic-Stone Ziggurat / Tetractys / Pythagorean Triangle

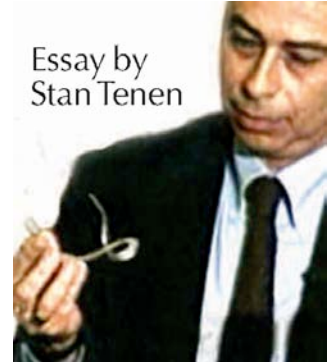
PARTICLE	BIG BANG	DELTA FUNCTION	THEORY	MIND	GENE-CODON
WAVE FUNCTION	BIG WHIMPER	SPECTRUM	EXPERIMENT	WORLD	PHYSICS
COMPLEMENTARITY	COSMOLOGY	DIRAC	SCIENCE	MIND & WORLD	



UNITY: The Inverted Unit-T

The poster on page 2, *UNITY: The Inverted Unit-T*, presents examples of how abstraction (the reduction of the diverse Many, to One single principle) combined with geometric metaphor can help us to see relationships across a very broad spectrum of spiritual and physical principles.

The inverted unit-T is an expression of *Psalm 84:12*, which tells us that "Hashem-Elokim is a sun and a shield." (The sun is at the top of the vertical line, an the shield is the horizontal line.) As seen in *An Overview: The Two Golden Rules* (below) it serves as a graphic representation of the golden rules. And in general, it represents the unity of complements.



An Overview: The Two Golden Rules

As Above, So Below

Hillel's *Torah On One Foot*

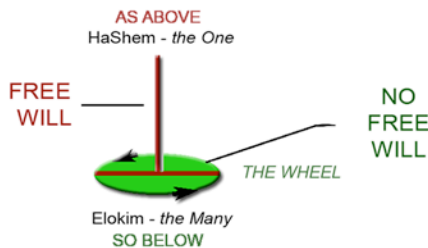
"Do NOT do what is Hateful to you"

Do NOT react;

Do NOT Seek Vengeance

Turn the Other Cheek

Monotheists say NO to vengeance



The Wheel of Karma

What Goes Aound Comes Around

Tit for Tat

An Eye for an Eye

Gog and Magog

Action and Reaction

The Wheel of Karma corresponds to the Life Forces that are Cyclical, e.g.
-The Sun Always Rises -

The Law of Karma is traditionally known as the Yetzer HaRa - *the Evil Instinct -*

יֵצֶר הָרָע

Ra means to run after what one sees.

Ra is the name of the Egyptian Sun-god; Circling the Sun is necessary for Physical Life but Destructive of Spiritual Life.

Reading left to right, and down the page of *UNITY: The Inverted-T* on page 2:

On the first row, *The Tree of Abraham* is seen as the seed of Judaism growing the tree of Christianity, on which grows the fruit of Islam. This is an *organic whole* and the *manifesting principle*, wherein a seed-idea grows a tree-of-effort-and-caring that leads to its fruition when we drop our ego. See "The Three Abrahamic Covenants and the Car-Passing Trick," at www.meru.org/carpass.html, and the *Tree of Abraham* poster and commentary, at www.meru.org/Posters/TreeofAbraham.html.



Ezekiel 37:15-23 tells us that (paraphrase) “When the stick (or tree) of Judah and the stick (or tree) of Ephraim are unified in the hand, that’s when there will be peace in the land.” Judah, the tribe of Kohanim and Levites, reaches up to the Transcendent and down to the world. Ephraim (“fruits”) is the tribe that represents all the tribes of Israel. On the right, we see that the tree of Judah and Ephraim can grow dimensionally into the model hand that generates the letters of the alphabet, and grasps the world. The equatorial plane (the “earth-plane”) of the hypersphere represents the land. The model hand is generated by a circle and a line; these are the elements that make up π ; Jerusalem is located at $1000/\pi^\circ$ N. latitude. (*Genesis 14:14*, “318” $\approx 1000/\pi \approx 31.8^\circ$ N)

On the second row, we see how the golden rule represented by the inverted unit-T can generate the golden ratio. The golden ratio shows up in the Platonic solids and in the proportions of some living things.

The golden rule, “Don’t do to others what’s hateful to you,” is attributed to Hillel, and is called “Torah on one foot.” The “one foot” can be understood to be the vertical line (labeled *tree*), with the earth-plane (labeled *garden*) representing the ground on which the “foot” stands, or the vertical line itself can be understood as a “leg” with the horizontal line, parallel to the ground, representing the “foot.” Thus in this geometric metaphor, the abstract principle of the golden rule truly stands on “one foot.” (For a discussion of the connection between the analytic “As above, so below” and the common formula “Don’t do to others...” see pp. 260-265 of our book, *The Alphabet That Changed the World: How Genesis Preserves a Science of Consciousness in Geometry and Gesture*, the section entitled **The Golden Rules**.)

On the right, we see how the inverted unit-T geometry is defined by two hands in the form of the Priestly Blessing.

On the third row (green background), on the left we see the inverted unit-T geometry as it found its way onto the Pope’s mitre hat, and onto (at least one version of) the Masonic compass. The inverted unit-T triangle is the triangle with the eye in its midst, placed over the pyramid on the reverse side of the US one-dollar bill.

In the middle we see the general principle, *The One and the Many*, which can also be understood as the Discrete (one at a time; “digital”) and the Continuous (all at once; “analog”). *The One and the Many* (or at least its inverse) also appears on the US Seal as the motto, “E Pluribus Unum,” “From Many, One.”

On the right, a ziggurat made of cubic stones, and a tetractys triangle made of square blocks, also form the inverted-unit-T triangle. (The conventionally drawn tetractys triangle, consisting of ten round bolae instead of square blocks, forms an equilateral triangle—not the inverted-unit-T triangle.)

And finally, the inverted unit-T triangle is shown at the far right as it generates the angle that produces the 3,4,5 Pythagorean triangle (53.13°).

Along the bottom are examples of Complementarity and Reciprocity as they occur in a selection of different contexts. Some of these contexts are not compatible; nevertheless the process of complementarity that they display is the same for all. (For more examples, see pp. 268-9 of *The Alphabet That Changed the World: How Genesis Preserves a Science of Consciousness in Geometry and Gesture*.)

All of these are made in the image of Ps. 84:12: “Hashem-Elokim is a sun and a shield,” which we know forms the precise inverted unit-T triangle because the R. Shneur Zalman of Liady (the Alter Rebbe), in *Shaar Hayichud Vehaemunah (The Gate of Unity and Faith)*¹, tells us the exact apex angle of the triangle to four significant figures: 53.13° ($167/\pi$). The poster on the following page, *Gematria As Angle* (created in 2005), provides an outline of this reference.



GEMATRIA AS ANGLE

The GOLDEN GATE

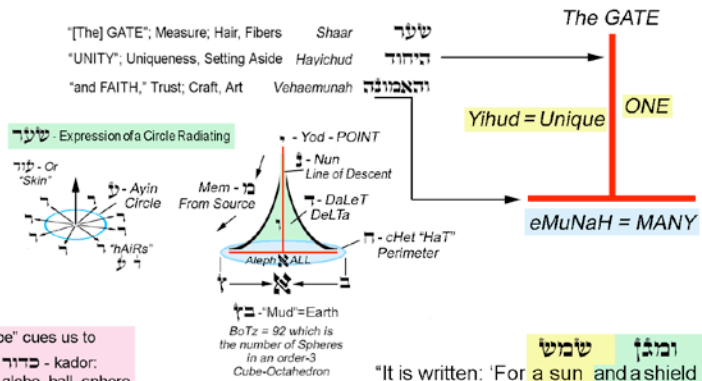
"The Gate of Unity and Faith" **שַׁעַר הַיְחוּד וְהַאֱמוּנָה**
"Kehot" Publication Society Ed., © 1987 Shaar Hayichud Vehaemunah

$167/\pi \approx 53.13^\circ$
(For $\pi = 22/7$)

"As for example, the sun whose body is finite and limited quantitatively being approximately one hundred and sixty-seven times the size of the globe of the earth"

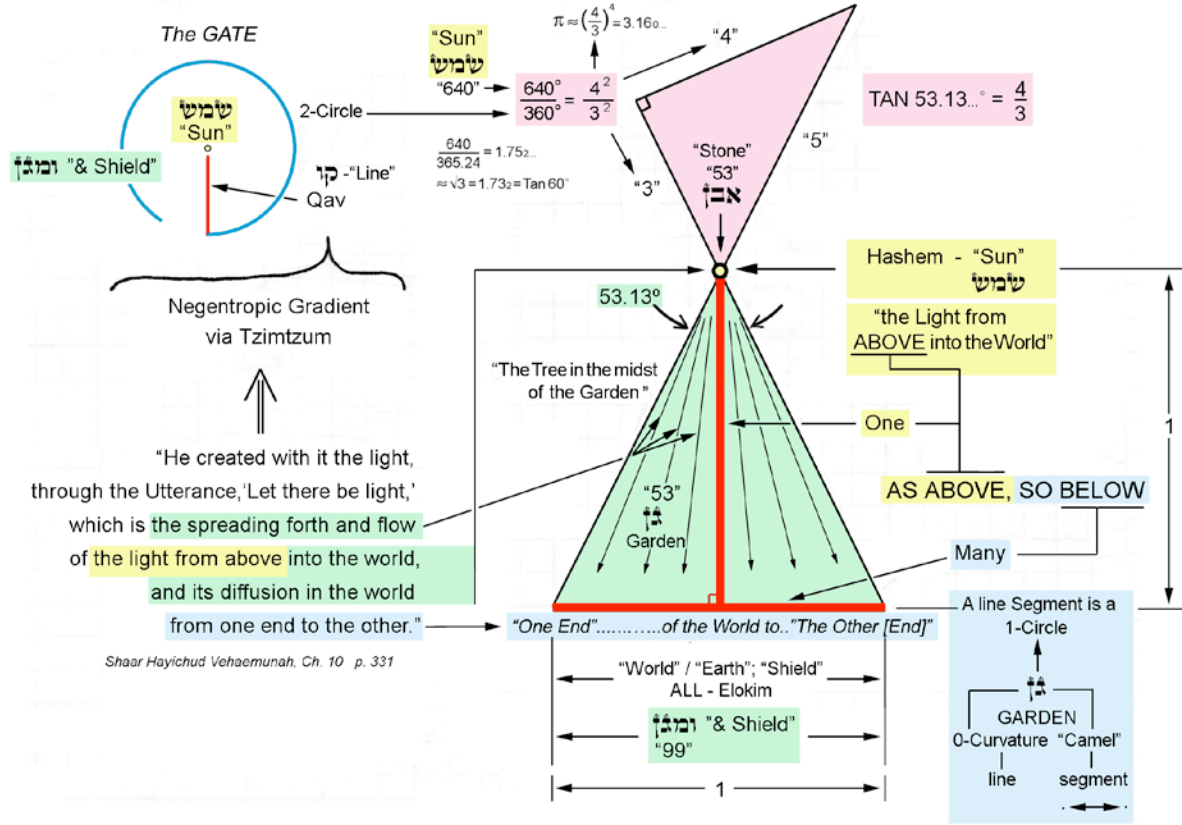
Shaar Hayichud Vehaemunah, Ch. 7 p. 317

The word "globe" cues us to divide by π , **כדור** - kador: globe, ball, sphere **דור** - dor: "Palm-Generated"



שָׁמַיִם וְאֲרָצוֹת
"It is written: 'For a sun and a shield is Hava'ye Elokim.'"

Shaar Hayichud Vehaemunah, Ch. 4 p. 295



"He created with it the light, through the Utterance, 'Let there be light,' which is the spreading forth and flow of the light from above into the world, and its diffusion in the world from one end to the other."

Shaar Hayichud Vehaemunah, Ch. 10 p. 331

See:
www.meru.org/090400/WhichWayUp-AsSoPixA-Nat-Vayigash.pdf
www.meru.org/ManBitesDogReprint.pdf





To sum up: the inverted unit-T is like a keystone: it abstracts the common meaning of many diverse complementary and reciprocal processes. Properly understood, the inverted unit-T is neither the image nor the embodiment of a “thing” to be memorialized or admired like a standing stone (an ancient form of idolatry). Rather, it is a concise geometric metaphor for all processes that exhibit reciprocity and complementarity. As illustrated in the *Overview* graphic at the beginning of this essay, it is based on the complements of a universal negentropic gradient of information/loving-kindness—“As above, so below”—and the wheel of Karma—“What goes around, comes around.”

And so we see that the psalmist’s words, “Hashem-Elokim (Lord-God) is a sun and a shield,” are not a mystical claim, a literary or poetic metaphor, or a riddle. Rather, they are the keystone of a science of consciousness, most succinctly expressed by a two-line *geometric* metaphor. The geometry of the inverted unit-T tells us how all there is in mind and world stands on the golden rules, and thus how all in mind and all in world comes to be and to grow.

¹In this representation, the vertical line is *Unity* and the horizontal line is *Faith*, based on the cognate relationship of the word *emunah*, faith, with the word “many.”



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

Past issues are available online at www.meru.org/Newsletter/journalindex.html.

Meru Foundation has several different websites, each with a different focus and material:

www.meru.org Meru’s original website was created in 1996, and has a large selection of essays and posters on many different aspects of this work. Our recommended reading list is at www.meru.org/readlist.html; past eTORUS Newsletters are archived at www.meru.org/Newsletter/journalindex.html. This is a site for leisurely exploration; the home page also includes a PayPal button for contributions.

www.meetingtent.com Meru’s secure-server website for ordering our lecture DVD’s, books, and other materials, and for making contributions via credit card. This site also includes a Meru FAQ, sample videos, and contact information for the media.

www.merueline.info/common/MeruIntroPacket.a.20oct08.pdf A basic introductory packet on Meru Foundation and its research, suitable for printing. Includes a research summary, endorsements, a sample eTORUS, and bio information.

www.meruwest.org Bill Haber’s web portal for Meru video clips and other media posts. You can also view and post comments on all of our video clips on Bill Haber’s YouTube site, www.youtube.com/user/filmguy2121.

www.meruwest.blogspot.com Meru Foundation blog, also run by Bill Haber.

[Meru Foundation’s Facebook Page – click here](#)

To contact us,
please email, write, or call:

Meru Foundation
PO Box 503
Sharon, MA 02067 USA
+1-781-784-3462

meru@meru.org
www.meru.org



A
POINT
OR BIT, BEING
SO SMALL, MARKS
INFINITE CONTRAST WITH THE ALL.

For Meru Foundation DVD’s
and other materials, go to
www.meetingtent.com



To unsubscribe, please send email to: Levanah Tenen <meru@meru.org>