



# Meru Foundation eTORUS Newsletter

Number 48 – November 2009

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## From The Editor



### Fall Update – November 2009

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

#### Focus on the Golden Rule

*Science calls it "theory of mind", and tells us that this is what makes us human. Tradition calls this the Golden Rule, and "Torah on one foot."*

*Meru findings point to the Golden Rule as the basis of a Theory of Everything, and a science of consciousness expressed in a truly natural universal gesture alphabet.*

*All of the great traditions, and in particular the Abrahamic traditions, and all of our modern sciences including the foundations of the ideas of Newton, Einstein, and Planck, stand on this "one foot."*

The above, written for our July briefing at the A.R.E. Center in New York (see [eTORUS #47](#)), aptly expresses our "bottom line" from over thirty years of research: that the Golden Rule underlies both aspects of humankind's perennial search for truth – our spiritual traditions, and our scientific observations of the physical reality we live in. This is not just metaphor; it is supported by cutting-edge research in game and information theory (among other fields). What Meru is saying is not that there is "science (or physics, etc.) in Torah." Much more fundamentally, we are saying is that science itself arises from the same root that Torah is here to express. This idea is a game-changer; it refocuses our understanding of this relationship.

The Meru website has a new section for graphics, video links, and essays on the Golden Rule: <http://www.meru.org/goldenrules>. This and forthcoming issues of eTORUS will introduce this material, starting with this issue's essay by Stan Tenen, *The Golden Rules*.

#### Videos from the A.R.E. Presentation Posted on Meru Websites

Thanks to New York videographer Alan Steinfeld we have video of Stan Tenen's July briefing in Manhattan, which is our first newly-recorded video in ten years. Meru's media coordinator Bill Haber has begun to post clips to his [Meru YouTube page](#), and we have also linked to them on [Meru's Golden Rules page](#):

[The Mechanics of As Above So Below](#) playing time: 09:42

[Transcending the Wheel of Karma](#) playing time: 06:46

[Smoke Rings in Genesis](#) playing time: 03:56

[The Dynamics of a Circle and a Line](#) playing time: 03:58

Additional clips are planned; keep your eye on the [Golden Rules](#) page for updates.



(From the Editor, cont'd.)

### New Holiday Specials at [www.meetingtent.com](http://www.meetingtent.com)

New eTORUS subscribers may only know Meru videos from the brief clips posted to our YouTube video site. But short clips only skim the surface. The full 5-DVD series of Meru lectures, recorded over a critical ten-year period of this work, presents a rich overview of our project and how it has developed. This year we are offering a 2009 holiday special: all five lecture DVD's for \$99.95 (our regular price for the set is \$119.95).

*For a description and to order our 5-DVD set at the Holiday Special price, [click here](#).*

For those who want both video and printed material, this holiday season we're offering an enhanced version of our regular "5-DVD's Plus *The Alphabet In Genesis*" package, which includes all five lecture DVD's plus the three-volume set of Meru essays and graphics, *The Alphabet in Genesis*. This season we are adding our music CD, *First Sound™: The Music of Genesis* to this package, and keeping it at the same price of \$199.95.

*To order this complete holiday package, [click here](#).*

*(Click here for a description of our [Alphabet in Genesis books](#))*

*(Click here for a description of [First Sound™: The Music of Genesis](#))*

Meru Foundation is supported by individuals, not institutions – and your orders and contributions are what enable our work to continue. Thank you very much for your support.

—Levanah Tenen, ed.

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## The Golden Rules

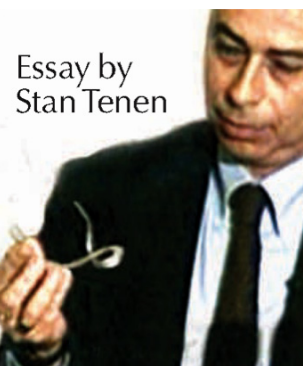
It's curious that after all has been said and done (regarding the Meru research), everything comes down to the golden rule.

It has been difficult to present the Meru conjectures to the general public because so few people are prepared to understand geometry and geometric metaphor. It has also been difficult because, as I've made a joke of it, what we're proposing has always seemed to be an "equal-opportunity offender." By "equal-opportunity offender" I mean that what we're proposing steps on the scholarly toes of just about everyone.

But of course, this isn't so. It only appears to be so. Our findings do not say we're right, and everyone else is wrong (which is what draws a strong negative reaction); rather, what we're proposing is truly like a rising tide that raises all ships (traditions) and only swamps those with holes in their hulls.

All traditions recommend the golden rule. The golden rule provides a model for the theory of mind that tells us all that just as we have feelings, so do others. In fact, it is now conjectured that the (generic) "chimps" that stayed chimps were those that remained aggressive and hyper-competitive, while those that evolved into humans were those that learned to cooperate – i.e., act according to the golden rule.

On the next page is our basic poster on the Golden Rule (also posted on our [Golden Rules page](#)):  
**As Above, So Below: *The Dynamic Geometry of the Golden Rule*.**



Essay by  
Stan Tenen



### "As Above, So Below"

The GOLDEN GATE Triangle, The PYTHAGOREAN Triangle  
The Golden Rule and the Golden Ratio

A Dynamic Geometry for the Golden Rule  
- "As Above, So Below" -  
as  
"The One Going Upward  
is the same as  
The Whole Going Under"

The Vertical -Meditational- EXTENT of The ONE Mind INside

"As Above" as in "Going Upward"

"So Below" as in "Going Under"

The Horizontal - "Earth-Plane" - EXPANSE of The WHOLE  
"All-There-Is" - World - OUTside

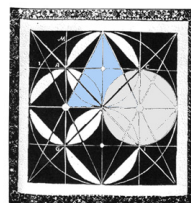
A Geometry for the Golden Rule  
- "As Above, So Below" -  
that misses its deep meaning

"AS ABOVE"

"SO BELOW"

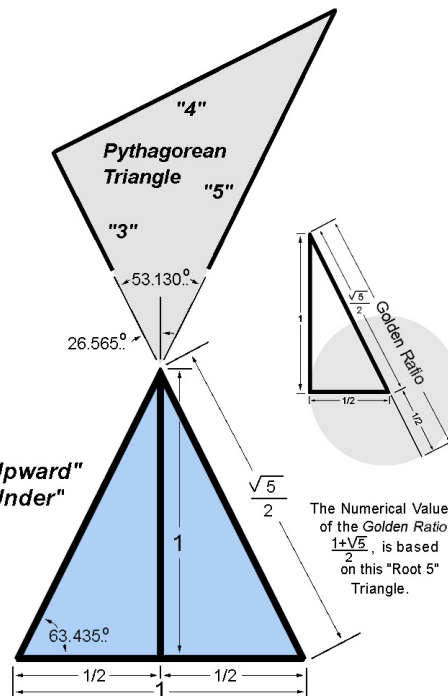
### The GOLDEN GATE

AS ABOVE - "Going Upward"  
SO BELOW - "Going Under"



Blue and Grey Shading Added for ease of comparison

"Figura Amoris."  
Hermetic figure of Giordano Bruno (1588)  
From: Pickover, *The Loom of God*



The GOLDEN GATE Triangle Generates:

1. The Numerical Value of the GOLDEN RATIO.
2. The Angles of The PYTHAGOREAN Triangle.



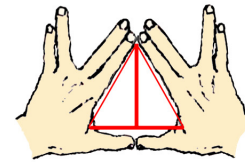
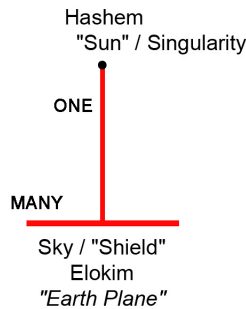
Examining the golden rule more closely, we now know that there are two analytic (geometric metaphor) golden rules:

- 1) The law of karma – tit for tat, "what goes around comes around," and "for every action, there is an equal and opposite reaction" (Newton's physics). The law of karma is the wheel of karma, the earth-



plane itself (represented by the green oval in the graphic below). This is the "land of Egypt," devoid of the Transcendent, a flatland, constricted like a matzah (matzah/Mitzrayim (Egypt) = constricted, flat). (For a graphic explanation, see the new video clip, [The Mechanics of As Above So Below.](#))

The Geometry of the **CONE** of the Inverted "T" Triangle Formed by the Hands of the Priestly Blessing becomes the traditional **KOHEN'S HAT**



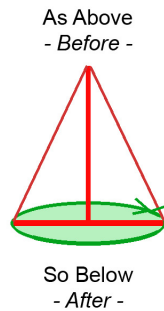
The 2-HANDS of the Priestly Blessing Define The As Above, So Below Triangle

High Priest's Hat  
Old Style



Compare with Pope's Mitre Hat

LINEAR TIME:  
- Progressive -  
- Evolutionary -  
Information Gradient  
Drives Novelty



CYCLIC TIME:  
"What Goes Around Comes Around"  
The Cycles of Nature :  
i.e. Year/Sun,  
Month/Moon, Week, Day

CYCLIC TIME Turns on the Spindle of LINEAR - Progressive - TIME

### The GOLDEN RULE Governs Both Linear and Cyclic Time

The Geometry of the Golden Rule Leads to the Conical Form of the Kohen Gadol's (High Priest's) Hat and the Inverted "T" Design on the Catholic Pope's Mitre Hat



- "As above, so below" – represented by the red "inverted-T" in the graphic above – introduces the Transcendent, and the negentropic rain of the Shefa Tal (wave-particle, or flow of units of negentropy) that provides the "fuel" for our volitional choices, which we can use to break the wheel of karma, change the world, and evolve for the better. (See the new video clip, [Transcending the Wheel of Karma.](#))



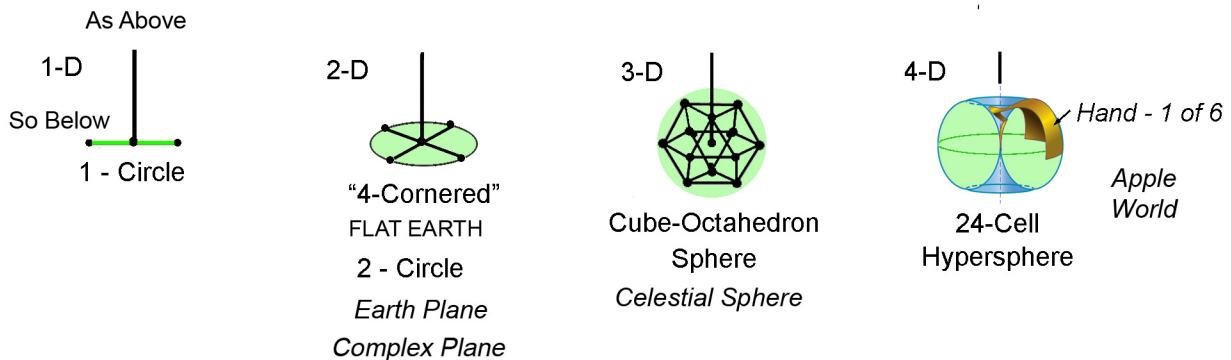
Recognition of the transcendence of Hashem (like the sun, "As above,") humbles us. When our ego is nullified, the world can change. This is the basis of *The Three Abrahamic Covenants and the Car-Passing Trick* at <http://www.meru.org/carpass.html>.

When our ego is nullified, miracles can occur because we (our ego) haven't made any choices, and thus the "wave equation" of the world is not "collapsed." If Schrodinger's cat was seen to be deceased, but the person who saw it died before telling anyone, then the next person to check could find the cat alive, for the same reason. Once the original person's record is gone, the state of the cat returns to a superposition of living and not-living. When we drop our egos (each a mini-ego-death) we leave room for a different result to emerge from the superposition of possibilities. –That is: what emerges is a "miracle".

The concept of the Oneness of God – what we are translating as the Oneness of the One-Whole Lord-God – is attributed to Abraham. It is implicit throughout Torah, and explicitly codified in Deuteronomy. What's new here is the identification of the description "Hashem-Elokim is a sun and a shield" in Psalm 84:11 with the geometry representing the golden rule. It may be that the proclamation of the Sh'ma is the first deliberate codification of the principles underlying the golden rule.

If this is so, if the foundational principle of the Abrahamic faiths is identical to the golden rule (the theory of mind that makes us human), then the traditional teachings that the golden rule is "Torah on one foot" and that the golden rule in Christian understanding is also a foundational principle, turn out to be actually, literally true. All of Torah, and indeed all of the Abrahamic traditions – when all is said and done – stand on this "one foot."

### The Golden Rules Through the Dimensions As Above, So Below - What Goes Around, Comes Around



### From The Golden Rule To the Alphabet, "First Hand™"

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The geometry of "as above, so below" and "what goes around comes around" is the same as the geometry of Newton's impulse and momentum, Einstein's relativity, Dirac's particle-wave duality, and Planck's uncertainty principle. All are represented by the same geometric metaphor: the unit inverted-T and its triangle. The result is that it should be possible to discuss the golden rule as being the common principle behind the teachings of the founders of the Abrahamic faiths, and Newton, Einstein, Dirac, and Planck.

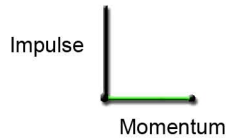


### Reciprocals and Complements in Modern Physics

#### NEWTON'S Reciprocals:

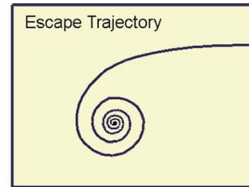
$$Ft = mv$$

Impulse = Momentum



$$F = ma$$

Force = mass x acceleration

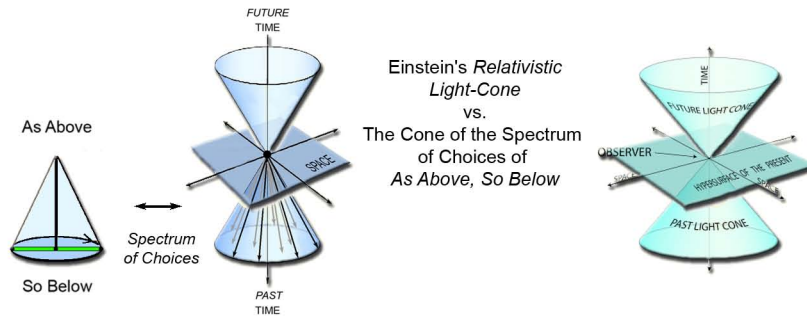


Escape or Re-entry  
with Constant Acceleration  
Follows the  
Reciprocal Spiral

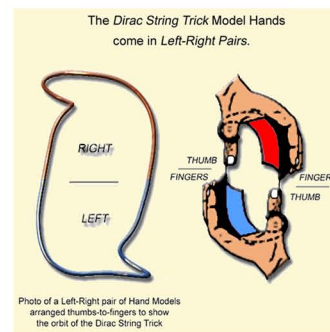
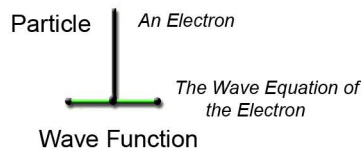
#### EINSTEIN'S Reciprocals:

$$E = mc^2$$

#### The Relativity of Space and Time



#### DIRAC'S Reciprocals:



#### PLANCK'S and HEISENBERG'S Reciprocals:

$$h = \Delta s \Delta p \quad (h = \text{Planck's Constant})$$

(h = Uncertainty in Position x Uncertainty in Momentum)



In future eTORUS essays, we will continue to explore both sides of the equation: how it is that the Golden Rule, the foundational principle of the Abrahamic faiths, is also the basis of the physics of Newton, Einstein, Dirac, and Planck.





Thank you for reading this issue of the Meru Foundation eTORUS Newsletter.  
Past issues are available online at [www.meru.org/Newsletter/journalindex.html](http://www.meru.org/Newsletter/journalindex.html).

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

[www.meru.org](http://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](http://www.meru.org/readlist.html); past eTORUS Newsletters are archived at [www.meru.org/Newsletter/journalindex.html](http://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](http://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.meruonline.info/common/MeruIntroPacket.a.20oct08.pdf](http://www.meruonline.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](http://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](http://www.youtube.com/user/filmguy2121).

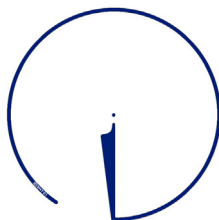
[www.meruwest.blogspot.com](http://www.meruwest.blogspot.com) Meru Foundation blog, also run by Bill Haber.

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

