

Linguistic Cosmology will be published by MIT Press in the compendium, *The Complementarity of Mind and Body: Realizing the Dream of Descartes, Einstein, and Eccles*, edited by Richard Amoroso and Karl Pribram, to be released in 2010.

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[. . .] Mathematics belongs exclusively to no nation, no race, no tradition. Though traditions and nations pride themselves or fail to pride themselves on the work of their mathematicians and variously support and reward research, the results of that work belong in a sense to existence itself. To discover a theorem is to unveil a feature of What Is that is the possession of no one or everyone, and the capacity to understand and apply it has therefore the potential of being the basis for the true unity of all peoples. Mathematical abstraction, not religious chauvinism, is the basis of the claim of universality.

The evidence that the Meru Foundation finds for a mathematical intention underlying the Letter Text of the Torah, speaks to this proposition that what is being expressed in this text are the principles for a vast ecumenical project, nothing less than the ultimate unity of the human race, its harmony and even identity with the spiritual reality that is its source, the harmony and identity of material creation and the intellectual order that subtends it, and the harmony and identity of knowledge and faith.

5.0 Abraham's Discovery

Abraham was not concerned to impose a new god that just happened to be more potent than the lesser deities worshipped by the cultures existing at the time; nor even that he had found a "spiritual," i.e. immaterial or moral principle superior to the natural forces that were the object of pagan "idolatry." Idolatry was the failure to recognize the common ground to all the powers and principles at play in existence. Under Abraham's vision of a new, all-encompassing *definition* of the Unity of God in the unity of mind and world, nothing would be left out, no phenomenon, no value, no principle, no relationship; but all would find their place in an order that belonged to Being itself, and that order would have a universal, precise, and rational form. [7]

Nor were Abraham's vision and logic unique to himself and the people who, according to the literal story of Genesis, were to be his material descendents. Similar visions were beginning to appear around the world. The true lineage of Abraham is the descent of acquired knowledge, through logic and intuition, confirmed by observation and critical thought, that accumulates and multiplies because of its true relation to objective existence itself.

The recovery that it is this vision that lies at the basis of the scriptures of various traditions of the world provides an incentive from tradition and logic for an awakening to our common humanity. In the end, by our definition, the common Source is Being itself, *that which is, that was, and will be*—the exact meaning of the name of the God of Abraham: "Being-Doing" (YH-VH).

In Judaism, it is said that all of Torah is summarized by "Torah on one foot," the Golden Rule: "Don't do to others what is hateful to you. The rest is commentary; go and study."

The Golden Rule is central to every spiritual tradition.

The Golden Rule is also central to the "theory of mind" that makes us human.¹

The world has never been, and certainly is not now, a monoculture.

—Except in one regard:

We all believe—religious people and secular people alike, scientists and scholars alike, capitalists and socialists alike—the Golden Rule.

This is because, while it is our religious traditions that have most voiced this teaching, its original source is in all of us. All but the most unintelligent primate knows that others have feelings and deserve the same respect and treatment that they wish for themselves.

The Ten Commandments and the great principles of the other faiths of the world can be logically derived from the Golden Rule.

It's not the gilded, greed-driven "invisible hand" of Adam Smith that guides the affairs of mice and men, but rather, the Golden Rule from the Hand of God and the mind of man **coequally**, that is the natural "temple" of intelligent and caring people. This, we can teach ourselves and our children.

The Golden Rule, "As Above, So Below," as the geometry of "choice and consequence" (one and many, mind and world, delta function and transform spectrum), when projected into our world, becomes the hand we use to think and speak.

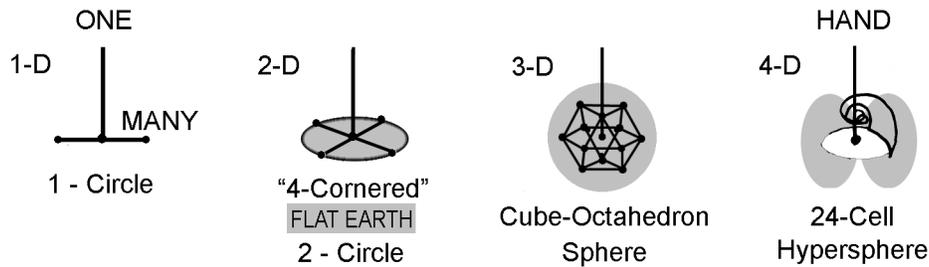


Figure 1: *The Shape of Information*, from 1-D to 4-D. The "model hand" is the real-world expression of the One and the Many, the Dirac delta function and its transform spectrum, summarized in the Golden Rule as represented in 1-D by the "inverted-T" geometry.

This geometry also represents the unification of "Lord" and "God," as these terms are used in the Hebrew Bible.

The Hebrew letter-gesture Bet, the first letter of Genesis, means opening, "I beseech you"—asking for empathy. That's the Golden Rule.

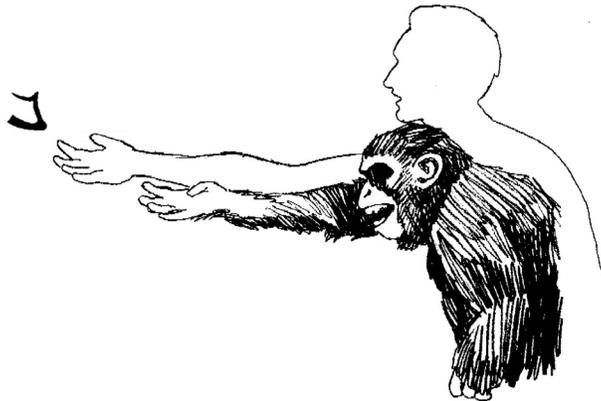


Figure 2: Side view of gesture for letter Bet. The chimpanzee is based on a photo from Yerkes National Primate Center showing a chimp gesturing to another chimp in a request for food.

This is the idea that changed the world: "I speak for myself by what I do."



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