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**NEO-HERACLIDES MODEL OF ASTRONOMY, GRAVITY &
 GLOBAL WARMING/CLIMATE CHANGE**

The Neo-Heraclides Model begins with the assertion that the present Heliocentric Hypothesis which is widely accepted is actually Neo-Zoroastrianism Cosmology. This ancient cosmology was imported from ancient Persia to ancient Greece by the ancient Greek philosopher, Pythagoras of Samos (570-490 B.C.). The ancient Greek philosopher, Aristarchus of Samos (310-230 B.C.) whom Nicolaus Copernicus cited, is simply the last chronicler of the cosmology of Pythagoreans. Meanwhile, the ancient Greek philosopher Heraclides of Pontus (387-310 B.C.) produced a model of Astronomy which is Geocentric with Heliocentric features. With minor revisions & major additions, the Neo-Heraclides Model is offered in this essay.

Pythagoras was instructed by Thales of Miletus (624-547 B.C.) to study with the priests in ancient Egypt. Pythagoras arrived in Egypt around 535 B.C. In 525 B.C., ancient Persia invaded & conquered ancient Egypt. Pythagoras was transported to Babylon as a war captive & studied with the Magi. (Iamblichus 250-330 A.D.), Syrian author.)

Zarathustra may or may not be a historical person. He may or may not be a mythical person. He is known outside Persia as "Zoroaster" Zoroastrianism flourished in ancient Persia when Pythagoras studied with the Magi. Zoroastrianism is known for its worship & adoration of the "Holy Fire." There is a temple for this "Holy Fire" on Earth. The Heavens itself is the temple for the "Holy Fire" of the Sun.

Ancient Persia is not unique among the ancient superstitious societies to worship the Sun as the Supreme Deity. But, ancient Persia is unique in that this superstitious worship produced a Supernatural Cosmology. Perhaps Pythagoras was ignorant of Observational Astronomy & did not differentiate between Astronomy & Supernatural Cosmology.

In ancient Athens, Plato's Academy had competing models of Astronomy. Thales of Miletus(deceased) proposed a Flat Earth. Later, Milesian philosophers advocated a round

Spherical Earth that was stationary & suspended in a void without visible means of support. The “original” Pythagorean Model had a “sister” Earth. Later, Pythagorean philosophers eliminated the “sister” earth. These Pythagorean Models proposed that the Earth rotated on its vertical axis & revolved around the stationary Sun.

Heraclides of Pontus fused together these two models to produce a Geocentric Model with Heliocentric features. In the model of Heraclides, the Earth rotated on its vertical axis. Furthermore, the Earth “translated” in a circular path but did not revolve around the Sun. Heraclides offered empirical data from astronomical observations to substantiate his model. To support the daily rotation of the Earth, Heraclides offered the diurnal movement of the constellations at night. To support the annual circular translation, Heraclides offered a solution to the Mysterious Riddle of the Retrograde Movements of Mars, Jupiter & Saturn. Furthermore, Heraclides assigned a “heliocentric” nature to the planet Mercury. The planet Venus simply “disappeared” & “re-appeared” among the constellations at night to the un-aided vision of the ancient astronomers. Heraclides mistakenly assigned a “heliocentric” nature to Venus, also. The only revision that is required is the re-assignment of the planet Venus.

Let’s study the astronomical observations of the planet Venus, because Venus offers the empirical data that “disproves” the Heliocentric Hypothesis. There is a well-known astronomical conjunction that is formed between the planet Venus & the Earth’s Moon in its crescent phase. The Star & Crescent is seen overhead at midnight. At other times, the planet Venus is the brightest “star” among the constellations. Other empirical data is the astronomical observations of the Phases of Venus. The Phases of Venus are explained exactly as the Phases of the Moon. Both Venus & the Moon orbit the Earth. Finally, the Mariner II spacecraft detected CCW rotation of the planet Venus. Under the false assumption of the Heliocentric Hypothesis that assigns an inferior “heliocentric” nature to Venus, the Doppler Shift observations inferred an unusual CW rotation of Venus. These three astronomical observations & empirical data “disproves” the Heliocentric Hypothesis & substantiates the Neo-Heraclides Model of Astronomy.

Let us consider the empirical data & the astronomical observations of the Earth’s Moon. There are solar eclipses & lunar eclipses. Both eclipses demonstrate that the Earth’s Moon orbits the Earth in a retrograde fashion. The author of the Neo-Heraclides Model of Astronomy is not aware if the ancient & medieval astronomers of Greece, India, China, or Islamic countries preceded him in THIS DISCOVERY! Finally, the Neo-Heraclides Model of Astronomy assigns a circular translation to the Sun, in the same CCW direction as the Earth, but at half of the rate of revolution. A precise 1:2 ratio

is demonstrated by an Earth-bound astronomical observation. At the winter or summer solstice position, the Sun “accelerates” laterally its lateral movement on the horizon toward the equinox position. From the equinox position, the Sun “decelerates” along the horizon to the summer or the winter solstice position.

Then, the Sun reverses its direction & returns to its original solstice position by “acceleration” & “deceleration.”

This lateral movement is not a smooth linear progression. Rather, it is a mysterious progression without an attempted explanation. From the initial solstice position, the Sun “accelerates” toward the equinox position.

From the equinox position, the Sun “decelerates” toward the secondary solstice position. Then, the Sun returns in identical fashion.

The “original” Heraclides Model of Astronomy solved the mysterious Riddle of the Retrograde Planets, but Aristotle defeated the model. In India, nearly 2000 years later, the Kerala School of Astronomy & Mathematics offered an innovative solution. The Kerala Model swept through Renaissance Europe as the Proto-Tychonian Model. Johann Kepler poisoned Tycho Brahe with Mercury when Kepler realized that an agency of the Kerala/Tychonian Model was its apparent elliptical orbits of the planets. Kepler eliminated the Epicycles from the original Copernican Model to produce the Neo-Zoroastrianism Model, a.k.a. the Heliocentric Hypothesis.

Not too many years later, Isaac Newton & Robert Hooke competed to provide a mathematical model to the physical model of the ancient astronomer of India, Varahimihira. It was the model of the Hidden Attraction Force that explained both Earth-bound “gravity” issues and Celestial Mechanics. This competition ended with Hooke accusing Newton of “stealing” the Inverse Square Law.

Quite a few years later, N.A.S.A. is quietly abandoning the Kepler/Newton Model & replacing it with the Neo-Zoroastrianism Barycentric Model. Even the Earth’s Moon is not spared the Barycentric Treatment.

Observational Astronomy be damned!!!

Curiously, both the “original” Heraclides Model and N.A.S.A.’s Barycentric Model advocate orbits of perfect circles for the planets.

The “original” Heraclides Model is posted in Plato’s “Timaeus.” The astronomers of Renaissance Europe were well aware of the Heraclides Model in the competing marketplace of ideas.

But, the Heraclides Model lacked a “champion” to advocate it.

Much more recently, “champions” of another unpopular model have decreased. This model is

“toxic” & it is professional suicide to advocate it. It is the model of Dr. Louis A. Frank’s “Small Comets.”

In the year 1982, Dr. Louis A. Frank & the graduate student, John B. Sigwarth, discovered the “small comets.” Both are deceased. (www.smallcomets.physics.uiowa.edu) (https://www.windows2univers.org/comets/small_comets.html) (<https://www.science.nasa.gov/science-news/science-at-nasa/1997/ast09>).

The Neo-Heraclides Model “adopts” this abandoned orphaned idea because it is the KEYSTONE fact to a much larger model, “CLUELESS IN PARADISE.”

CLUELESS IN PARADISE solves the mystery of the “missing water” in the PUZZLE OF PHOTOSYNTHESIS. The PUZZLE OF PHOTOSYNTHESIS is posed because the chemical reaction of photosynthesis “destroys” the water molecule. Small Comets provide a never-ending source of “fresh” water molecules. Also, Small Comets is the agency for the Dansgaard-Oeschger Events every 1500 years. Dansgaard-Oeschger Events are the historic record of the cyclical “GLOBAL WARMING.” During a Dansgaard-Oeschger Event, the Earth experiences a non-reversible topographical change. Both polar ice caps decrease in area. Land-based ice & snow will melt & much of this melted ice & snow will drain into the oceans which will cause a non-reversible elevation of ocean levels.

During a Dansgaard-Oeschger Event, the Mediterranean Sea formed the Black Sea. During a Dansgaard-Oeschger event, the land bridge between England & Europe was destroyed at the Cliffs of Dover. During the Dansgaard-Oeschger Event of 1100 B.C., displaced peoples migrated as the mysterious “Sea Peoples” which destroyed the Mycenaean Greek society & the Hittite Kingdom. Their remnants were the ancient Spartans, the ancient Cretans & the ancient Philistines. During the Dansgaard-Oeschger Event of 400A.D., ancient Alexandria of Egypt was flooded by the rising Mediterranean Sea. Also in Europe, displaced populations began the Great Barbarian Migration of Europe.

Earlier in this essay, the Hidden Attractant Force of Newton’s Gravity was linked to the ancient astronomer of India, Varahimihira (449-587 A.D.). Varahimahira pondered the consequences of the rotating spherical Earth, which was proposed by his predecessor, Aryabhata (476-550A.D.). The transition from the Flat Earth to the Round Spherical Earth demanded a causal agency, or else people, animals & loose objects could not “inhabit” the surface of the Earth. The motion of rotation produced a centrifugal force upon the people, animals & loose objects which should cause a separation from the surface of the Earth. Varahimihira proposed the “Hidden Attractant Force” as the necessary causal agency. Then, Varahimihira committed a tragic mistake. He assigned this

causal agency, which explained Earth-bound physical phenomena, to be the causal agency to explain Celestial Mechanics, as well. Isaac Newton & Robert Hooke performed the second act of this tragic drama. Albert Einstein performed the third & final act of the tragedy known as "Gravity." Varahimihira played the melody & Newton & Einstein danced accordingly.

The Neo-Heraclides Model does not accept the Hidden Attractant Force Model nor the Geometric Gravity Model of Albert Einstein. Moreover, the Neo-Heraclides Model proposes that separate causal agencies be assigned for separate physical phenomena. Earth-bound issues such as weight & falling objects & the issues of physical objects on a rotating sphere that resist centrifugal force deserves its own causal agency. Man-made spacecraft deserves its own causal agency. Natural satellites deserve three separate causal agencies. The spinning vortex of our Earth System deserves its own causal agency. The rotating Cosmos deserves its own causal agency.

The Rotating Cosmos is demonstrated by the three groups of constellations: the Northern Circumpolar Group, the Southern Circumpolar Group & the Zodiac Group (which is associated with the path of the Sun). These three groups demonstrate an annual macroscopic movement. The Rotating Cosmos is the causal agency for these astronomical observations. The silence of N.A.S.A. is noted.

The spinning vortex of the Earth System is a universally accepted assumption as the causal agency of orbiting planets. Natural satellites exhibit three different orbits. Most natural satellites can be explained by a totally different Hidden Attractant Force which is modeled much differently than Newton's modeling of Varahimihira's physical model. It is known that a dust particle that is suspended in the air currents of an enclosed space is susceptible to the electrostatic attraction of a proximal vertical surface. This "Dust Particle Model" can explain both man-made spacecraft & most of the natural satellites with a prograde orbit. But, Mars has a prograde moon which moves in orbit faster than Mars rotates on its vertical axis. Such a physical phenomenon deserves its own causal agency.

N.A.S.A. is very much aware of Mars' unusual prograde natural satellite. N.A.S.A. is very much aware of the retrograde natural satellites of Jupiter, Saturn & Neptune, also. Retrograde orbiting moons deserve their own causal agency. The silence of N.A.S.A. is noted.

Earth-bound issues of falling objects, weight & the resistance to the assumed centrifugal force of rotating deserves its own causal agency. The Neo-Heraclides Model proposes that the causal agency has been proposed, discovered & re-discovered already. In 1967, it was proposed by a Soviet physicist, Andrei Sakharov, as an emergent Quantum Gravity.

In 1968, it was accidentally discovered by American, James Carter, by the accelerometer.

(it is noted that a famous experiment at Harvard University in 1959/1960 that is known as The Pound-Rebka Experiment, utilized accelerometers & achieved the same empirical data, but interpreted this data under the assumption of Einstein's Gravity.)

About the year of 1995, Dr. Randell Mills has accidentally re-discovered James Carter's Gravity as the Hydrino Inertial Gravity.

At this time, the Neo-Heraclides Model re-examines the Total Solar Eclipse of 1919. It is accepted that the starlight seemed to bend in CONVEX lines AROUND the Sun. Now, the Neo-Heraclides Model researches the predictions of the model of General Relativity that is known as the Space Time Continuum. It is noted that the Space Time Continuum predicts that starlight will bend in CONCAVE lines TOWARD the Sun. Therefore, the Total Solar Eclipse of 1919 "disproves" Einstein's Gravity.

Also, the Neo-Heraclides Model reexamines the "mystery" of the Advancing Precession of the Perihelion of the planet Mercury. In 1898, seventeen years before the papers of Einstein were published on the subject, physicist Paul Gerber proposed a solution which seemingly solved the mystery without resorting to General Relativity.

The Neo-Heraclides Model proposes its own unique proposal. First, an eccentric orbit is predicted because the Sun is in motion (in fact, Earth's Moon eccentric orbit could be similarly explained). The advancing precession of the Perihelion is predicted as a "virtual", but not actual, physical phenomenon that is the result of the Sun's circular translation.

The agency for the Hydrino Inertial Gravity is "DARK ENERGY". It is noted that Edwin Hubble "might have predicted" emergent Inertial Gravity as a natural by-product of the expansion of space (but his version placed the expansion in the nether regions).

It is noted that American physicist & Nobel Laureate, Steven Weinberg, in his book, The First Three Minutes, used a version of the Big Bang Physics which "should have predicted" emergent Inertial Gravity. It is noted the 1979 version of Philip Roth's INFLATIONARY BIG BANG "should have predicted" emergent Inertial Gravity. It is noted that the later versions of Big Bang Physics "should predict" emergent Inertial Gravity as a natural consequence. The omission of predictions is noted. It is as if the Big Bang/Inflation/Acceleration has no natural consequences. The silence of N.A.S.A. is noted.