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## JOHANN KEPLER'S ASTIGMATISM WORLDVIEW.

First, it was the murder of Tycho Brahe by Johann Kepler with Mercury poisoning in October 1601 A.D. which began a chain of events & involved notable personages such as Isaac Newton & Pierre-Simon LaPlace. The corpse of Tycho Brahe was exhumed in a propaganda ploy to reverse results of a scientific testing on preserved hair clippings of Tycho Brahe which implicated Kepler in the death of Brahe.

Second, the alleged actual elliptical orbits of the planets is a theoretical construct. Kepler was influenced by a convergence of factors. These indefensible theoretical constructs pose problems which are addressed by AD-HOC solutions. It is a Public Relations Nightmare because the next emerging AD-HOC solution is an admittance of the inadequacy of the AD-HOC solution that is being replaced...if the trusting & gullible General Public should ask embarrassing questions.

In the year of 2004, the collaboration of a respected author & a reputable publishing house released the book, *Heavenly Intrigue: Johann Kepler, Tycho Brahe and the Murder Behind One of History's Greatest Scientific Discoveries*. The publisher was Doubleday. The author is Joshua Gilder, one of the founding members of the White House Writer Group & currently, (July 2018), the Senior Director.

“Mr. Gilder has edited and/or written for numerous periodicals, including The Wall Street Journal, National Review, The New York Post, The Washington Times, The American Spectator, Saturday Review and many others.”

“...his scientific history of the dramatic collaboration of Johann Kepler & Tycho Brahe, *Heavenly Intrigue* (co-authored with his wife, Anne-Lee Gilder) was published by Random House in 2004”

## WHAT WAS THE APPEAL TO CONSTRUCT THEORETICAL ELLIPTICAL ORBITS?

To answer that question fully, the AGE-OLD PUZZLE OF ASTRONOMY must be addressed. This puzzle was the observation of episodes of retrograde movement in the orbits of Mars, Jupiter & Saturn. *Naked Eye Astronomy was unable to detect similar behavior in the planet Venus.* This puzzle prompted the famous Ptolemy's Epicycles. Ptolemy's Epicycles on the Aristotle Model allowed for a Kinematic Model which predicted with great accuracy. Nicolaus Copernicus utilized these

familiar epicycles also. However, Copernicus noted that his epicycles were not necessary because Earth's translation solved the puzzle.

One author contends that Copernicus incorporated the epicycles because of convention & tradition –

*worthless epicycles in a model without elliptical orbits.*

Obviously, Kepler was totally unaware of Copernicus's "solution" to the puzzle of Retrograde Planets. Kepler's ignorance of Copernicus's reasons to retain the kinematic epicycles influenced Kepler to construct his theoretical elliptical orbits of the planets. Another influence upon Kepler was the Astronomical Model of Tycho Brahe. Brahe used a Geo-Heliocentric Model. This model yielded "virtual" elliptical orbits of the planets *when viewed from the Geocentric Earth*. The subtlety was lost on Kepler. All that he gained was the erroneous notion "Elliptical Orbits Solve The Age-Old Puzzle Of Planetary Retrograde." So, in the mind of the Pythagorean Mystic (Johann Kepler), elliptical orbits replace epicycles. Ironically, Kepler's Elliptical Orbits in the Copernican Model of Heliocentricity distracts from the conclusion which Copernicus himself reached – epicycles are unnecessary kinematic constructs. *Heraclides of Pontus arrived at a similar conclusion*. "Blinded" by the Geocentric biased data, Kepler constructed kinetic constructs (elliptical orbits) to replace kinetic constructs (epicycles).

Isaac Newton established Kepler's theoretical constructs as "accepted scientific fact." Newton proposed "universal gravitation." Universal gravitation produced "Gravity Perturbations." Gravity Perturbations produced elliptical orbits of the planets.

Newton's Celestial Mechanics (the mathematical model of Kepler's physical model) quickly drew negative reviews which Newton addressed by playing the "GOD CARD" of "Machina Deum." Newton's mathematical model had engendered destructive forces of dis-equilibrium.

*At this point, the author of this essay must quickly offer another negative review. Since the AD-HOC solutions are a continuous stream, even Kepler's physical model is discounted by Heliocentric Theorists. Before Kepler's model is discounted by Kepler's own progeny, the author must state his opposition.*

Given that Gravity Perturbations "warp" a perfectly circular orbit into an elliptical orbit, this author must make his opposition & challenge. Kepler's theoretical constructs are based on the solar periods of both the Earth & the individual planets. Kepler did not construct a dynamic fluid non-repeating orbit. Such an orbit could never satisfy astronomical observations. Kepler constructed repeating orbits which satisfied astronomical observations. These theoretical constructs exist as invisible paths in outer space. Let us begin with the eccentric orbit of the planet Mercury. The aphelion & the perihelion are shaped by Gravity Perturbations. Therefore, during the solar period of the planet Mercury, all of the other planets function in a supporting role. Forever.

Forever is short-lived because the next planet we study is the planet Venus. All of the other planets must "abandon" their supporting roles of Mercury

to support the planet Venus. Even Mercury itself must “abandon” the established eccentric orbit to support the planet Venus.

It is obvious that Gravity Perturbations “destroy” Kepler’s Model of Theoretical Kinetic Constructs and Newton’s Apologia, a.k.a. Newton’s Celestial Mechanics. Not so obvious is that the Heliocentric Theorists “abandoned” Gravity Perturbations.

Ian Stewart is Emeritus Professor of Mathematics & an active researcher at the University of Warwick & the author of many books on mathematics. His writing has appeared in *New Scientist*, *Discover* & *Scientific American*. Ian Stewart is the author of *In Pursuit of the Unknown*. Chapter Four: The System of the World – Newton’s Law of Gravity begins on page 53. In the last paragraph on page 66, the first two sentences read:

“This is a far cry from tidy ellipses. The orbit predicted by Newtonian Gravity is elliptical only when no other bodies exert a significant gravitational pull.”

**Goodbye, Gravity Perturbations!!!**

One of the authors of Barycenter Physics called Kepler’s Elliptical Orbits to be “quaint notions.” To that, the author of this essay enthusiastically agrees!!!

The GOD CARD that was played by Isaac Newton was trumped by the eminent French mathematician, Pierre-Simon LaPlace. LaPlace “rescued” Newton’s Celestial Mechanics from its critics with mathematical “proof.” Upon presenting a copy of his research to the Emperor, Napoleon queried LaPlace about Newton’s GOD CARD; LaPlace replied that the GOD CARD was not required in his mathematics.

*History gives us an edited version with a different spin.*

*The Heliocentric Theorists have burned their bridges behind them.*

Kepler’s Astigmatism Worldview yielded the indefensible theoretical constructs known as Kepler’s Elliptical Orbits. Newton’s mathematical model required the GOD CARD of Machina Deum. La Place’s historic solution is remembered only as historical trivia quoted out of context. The Geo-Stationary Platform of the supercomputers of N.A.S.A. creates a surreal Celestial Mechanics for application purposes. Barycenter Physics takes the opposite approach & ignores astronomical observations. The Age of Chaotic Celestial Motions & Barycenter Physics is upon us as emerging AD-HOC solutions continue ad infinitum. Let the trusting & gullible general public ask their embarrassing questions. The author of this essay offers VIXRA 1805.0450 for consideration.

Thank You.