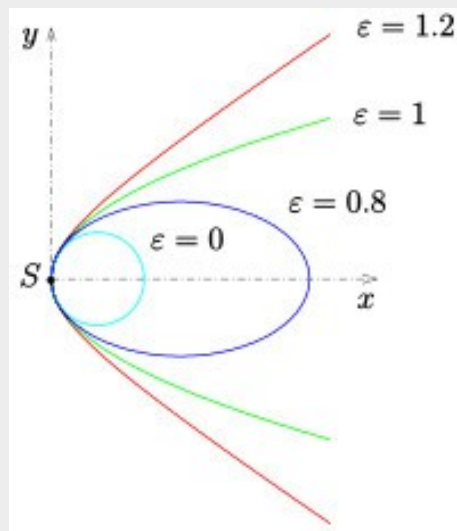


**Bruno Antonio Buike**



## **No Kepler-Ellipses as Planetary Orbits in our Solar System**



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**Bruno Antonio Buike:  
No Elliptical Kepler-Orbits in our Planetary System  
Neuss: Bruno Buike 2015**

[chapter from upcoming book: T-O-maps, Globus Cruciger,  
Iconography Of St. Anthony Eremita And St. Bruno, The Carthusian:  
Search For A Deductive Cascade Within Old Cartography And Geodesy Under Aspects Of  
Paleophysics As Related To Today Hyperphysics –  
contribution to “Sagas and Space in Viking Age and medieval scandinavia” presented by  
University of Zurich, by Sandra Schneeberger and Prof Dr. Jürg Glauser as MOOC in  
<http://www.coursera.org>, – April/May 2015 ]

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## NO ELLIPTICAL KEPLER-ORBITS IN OUR PLANETARY SYSTEM

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Now I will go and check the eccentricity of orbits of all the 6 major planets known to antique times, BECAUSE I ALREADY GOT SUSPICIOUS, THAT THE ORBIT OF PLANET EARTH MAY NOT BE A REAL ELLIPSOID, BUT NEAR TO A PERFECT CIRCLE. For this check we need a simple table!

OLD PLANETS	EXCENTRICITY	PERIHEL - APHEL	MY peri-aphel DIFFERENCE
Mercury <sup>1</sup>	epsilon = 0,2056 or 0,2	0,307 – 0,467 AE	0,16 or 0,2 AE
Earth <sup>2</sup>	Epsilon = 0,0167 or 0,0	0,983 – 1,017 AE	0,03 or 0,0 AE
Mars <sup>3</sup>	Epsilon = 0,0935 or 0,1	1,381 – 1,666 AE	0,29 or 0,3 AE
Venus <sup>4</sup>	Epsilon = 0,0067 or 0,0	0,718 – 0,728 AE	0,01 or 0,0 AE
Jupiter <sup>5</sup>	Epsilon = 0,0484 or 0,1	4,95 – 5,46 AE	0,51 or 0,5 AE
Saturn <sup>6</sup>	Epsilon = 0,0565 or 0,0	9,0412 – 10,1238 AE	1,08 or 1,1 AE
NEW PLANETS			
Neptun <sup>7</sup>	Epsilon = 0,0113 or 0,0	29,709 – 30,385 AE	0,68 or 0,7 AE
Pluto <sup>8</sup>	Epsilon = 0,2488 or 0,3	29,658 – 49,305 AE	19,65 or 19,7 AE
Uranus <sup>9</sup>	Epsilon = =0,0472 or 0,1	18,324 – 20,078 AE	1,75 or 1,8 AE

Now, please, this is a table of MIRACLES, that CANNOT BE!  
Planets Earth, Venus, Saturn and Neptune show an eccentricity of 0,0, which only is CAMOUFLAGED by using, 4 ciphers behind the comma! And even MORE miraculous: Planets Earth and Venus show an excentricity of 0,0 PLUS a COMBINED Perihel-Aphel difference of 0,0 AE, which only can be and even should be in case of PERFECT CIRCLES!

1 Article “Merkur (Planet)” in German wikipedia URL [https://de.wikipedia.org/wiki/Merkur\\_%28Planet%29](https://de.wikipedia.org/wiki/Merkur_%28Planet%29)

2 Article “Erde” in German Wikipedia URL <https://de.wikipedia.org/wiki/Erde>

3 Article “Mars (Planet)” in German wikipedia URL [https://de.wikipedia.org/wiki/Mars\\_%28Planet%29](https://de.wikipedia.org/wiki/Mars_%28Planet%29)

4 Article “Venus (Planet)” in German wikipedia URL [https://de.wikipedia.org/wiki/Venus\\_%28Planet%29](https://de.wikipedia.org/wiki/Venus_%28Planet%29)

5 Article “Jupiter (Planet)” in German Wikipedia URL [https://de.wikipedia.org/wiki/Jupiter\\_%28Planet%29](https://de.wikipedia.org/wiki/Jupiter_%28Planet%29)

6 Article “Saturn (Planet)” in German wikipedia URL [https://de.wikipedia.org/wiki/Saturn\\_%28Planet%29](https://de.wikipedia.org/wiki/Saturn_%28Planet%29)

7 Article “Neptun (Planet)” in German wikipedia URL [https://de.wikipedia.org/wiki/Neptun\\_%28Planet%29](https://de.wikipedia.org/wiki/Neptun_%28Planet%29)

8 Article “Pluto” in German wikipedia URL <https://de.wikipedia.org/wiki/Pluto>

9 Article “Uranus (Planet)” in German wikipedia URL [https://de.wikipedia.org/wiki/Uranus\\_%28Planet%29](https://de.wikipedia.org/wiki/Uranus_%28Planet%29)

The next MIRACLE is Pluto: Pluto CANNOT HAVE BOTH, an eccentricity of 0,3 AND Perihelia-Aphel-difference of 19,7 AE, this INDEED should be CHECKED, whether there occurred a MEASUREMENT ERROR or ANOTHER EXPLANATION of (possibly empirical) numbers possible! And by the way, eccentricity and perihelia-aphel-relation of Neptune and Uranus are not really convincing either, at least to me.

Ah well, here is missing the definition for “AE”/AU, which is German “Astronomische Einheit” and  $1 \text{ AE /AU} = 149.597.870.700$  meters, derived from RADIUS or HALF-diameter of Earth-orbit with approximated 149.597.870 kilometers. (Well, here again CANNOT BE everything okay, because you have ONE and ONE SINGLE RADIUS in a PERFECT CIRCLE ONLY, NOT in an – postulated or demanded – ellipsoid! So IF the term “radius” is used and derived from a POSTULATED elliptical orbit of planet Earth this cannot be a SIMPLE radius, but MUST be a STATISTICAL “average radius”!)

Well, we better may CHECK such MIRACOLOUS numbers of our table above with the KNOWN POSSIBLE SPAN of eccentricities, which we may learn from the pic below, where we have the following interesting special cases:

If eccentricity  $\epsilon = 0$ , then it is a CIRCLE.

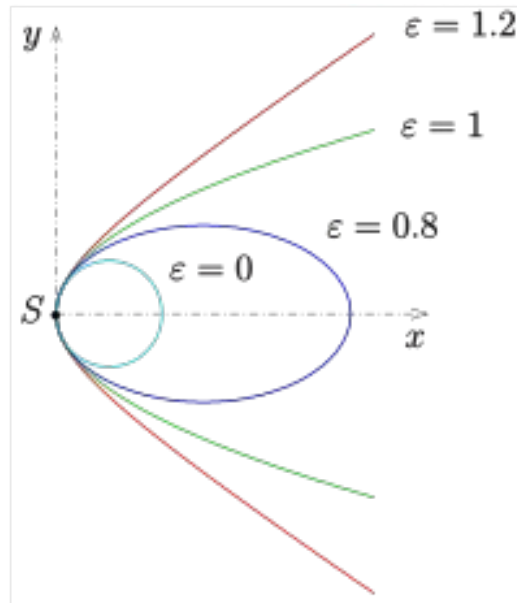
If eccentricity  $\epsilon = 1$ , then it is a PARABOLE (which is a section on a cone).

If however an ELLIPSOID demanded, we should SEARCH FOR an eccentricity of 0,8 (+0,1/- 0,2), especially if we are interested in “nice“ KEPLER-orbits! Okay, eccentricity of 0,5 will be sufficient in any case for to have an ellipsoid ...

Now we can QUALIFY the eccentricity numbers of our table above by comparing them with the known mathematically possible span of eccentricities and get the following DESASTROUS to science RESULT in type of SOLUTION-SENTENCE:

**HELP ME GOD, I CANNOT SEE HERE A SINGLE KEPLER-ELLIPSOID, not in the 6 planets known to antique times and not in the 3 main planets at outer rim of our planetary system added later.**

Now, if you are just an unskilled worker from house-building and a farmer and gardener without any academical degree, like I myself, you simply cannot go and say: Sorry, folks, KEPLER IS WRONG and his elliptical orbits are NOT EXISTENT. And IF you are voicing such HERESY, you better search for a PLAUSIBILITY CHECK first, because otherwise you never ever will see a social rise from unskilled worker!



“Kreis, Ellipse, Parabel und Hyperbel mit numerischer Exzentrizität”<sup>10</sup>  
 SPAN/interval of eccentricities (epsilon = 1, parable – epsilon = 0, circle)

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Happily such PLAUSIBILITY CHECK is POSSIBLE with the PERIHELIA- and APHEL-numbers delivered in Wikipedia for ALL the main planets of our planetary system. Our CRITICAL ARGUMENT such is the following: IF I AM CORRECT and IF there are NO ELLIPSOIDS in the main planetary orbits of our planetary system THERE WOULD NOT BE POSSIBLE perihelia and aphelia, because in a PERFECT CIRCLE there ARE NO “perihelia” and “aphelia”!

Now the HYPERCRITICAL reader would OBJECT: We indeed ARE PRESENTED perihelia- AND aphelia-NUMBERS AND BECAUSE of this THERE must be Kepler-ellipsoids IN OUR PLANETARY SYSTEM – AND Buike is WRONG, IN SPITE of the eccentricity numbers, that simply CANNOT BE from ellipsoids.

And now we have a BIG problem: EITHER we can have eccentricity numbers showing nearly PERFECT CIRCLES, either we can have Perihelia- and Aphelia-numbers, BUT WE CANNOT HAVE BOTH! Or more strict mathematically: IF IT IS A PERFECT CIRCLE, THERE IS BUT ONE SINGLE PERIHEL-APHEL-DIFFERENCE POSSIBLE, which is ZERO, so that we may say: VIEWED FROM THIS APPROACH THE PERFECT CIRCLE IS A LIMES OF AN ELLIPSOID with the special eccentricity of ZERO!!

There is even a second “limes-feature” for the BEHAVIOR of the geometrical LINES: IF we find lines TENDING TO BECOME TANGENTS, this is a STRONG INDICATION, that we are MOVING AWAY from a PERFECT CIRCLE, an ellipsoid, parables and even leaving the range of hyperbolic graphs. In other words: If we have

<sup>10</sup> Article “Exzentrizität (Mathematik)” in German wikipedia URL [https://de.wikipedia.org/wiki/Exzentrizit%C3%A4t\\_%28Mathematik%29](https://de.wikipedia.org/wiki/Exzentrizit%C3%A4t_%28Mathematik%29)

**from empirical work a PARTIAL ORBIT with WEAK CURVATURE parameters tending to STRAIGHT LINE, this should make us suspicious!**

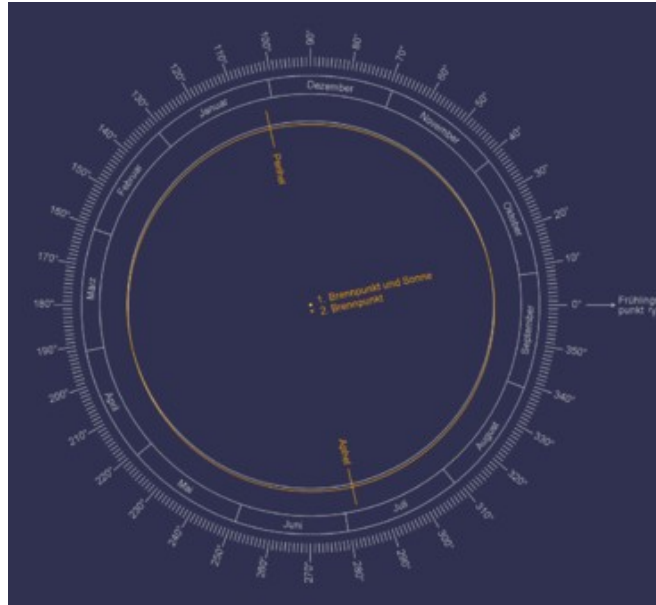
Such we may repeat our findings from our table above: If we can form numbers from cipher-values given by wikipedia, resulting in eccentricity ZERO with COMBINED Perihelia-Aphel-difference of ZERO, THESE SHOULD MEAN BEYOND DOUBT, that PLANETS EARTH AND VENUS CANNOT HAVE ELLIPTICAL ORBITS AT ALL, BUT MUST be – with LOGICAL NECESSITY – NEAR TO PERFECT CIRCLES, BECAUSE in these TWO CASES we have PERFECT MATCHES! WHATEVER they since Kepler are arguing AGAINST THAT!

However, we NOW would have to EXPLAIN MATHEMATICALLY, HOW it could be possible, that an IMPRESSION of Perihelia-Aphel-features COULD ARISE AT ALL, which is EASY: If you have really GREAT CIRCLES using GREAT ASTRONOMICAL UNITS you very well will meet REMARKABLE DIFFERENCES even if using the 4<sup>th</sup> cipher behind the comma in division-operations, which will become more “visible” if SWITCHING BASIC UNITS OF MESAURMENT, say from AE to km to m!

We even may EXPLAIN, how it can be, that using ELLIPSOID-formulas for nearly perfect CIRCLES will NOT result in TOTAL MATHEMATICAL DISASTER, which simply is, that the CIRCLE may be understood as a LIMES of an ellipsoid, so that you even may DEFINE CORRECTLY: A MATHEMATICAL CIRLE IS EXACTLY DEFINED BY ELLIPSOID FORMULAS UNDER THE CONDITION, THAT THE ECCENTRICITY OF SUCH ELLIPSOID FORMULAS IS SET BEFORE TO  $\epsilon = 0,0$ , to which may be added, if working in empirical research with a set of 6 orbit-parameters for an ideal ellipsoid the perihelia-aphel-difference of 0,0.

So help me God, we have to REPEAT MY BUIKE-RESULT from number-interpretation: **PLANETARY HELIOCENTRIC ORBITS OF THE 6 OLD PLANETS IN OUR PLANETARY SYSTEM CANNOT BE KEPLER-ELLIPSES FROM THE NUMBERS OF EXCENTRICITY, BUT SHOULD APPEAR in any graphical representation as VERY NEAR TO PERFECT CIRCLES!**

Well, science is not a collection of statements without evidence and proof, and as next pic we have the EXAMPLE of a graphical representation of a CLAIMED ORBIT of planet Earth, WHICH I TESTED and which OTHER OBSERVERS THAN ME MYSELF without hesitation recognized as “circles within circles”. Those observers were really surprised, as I told them afterwards, that the DESCRIPTION of this pic spoke of an “ellipsoid”!!!



nearly PERFECT CIRCULAR orbit of Planet Earth, according to German wikipedia<sup>11</sup>

We read from the original German: “Maßstabsgetreue Darstellung der elliptischen Umlaufbahn der Erde (orange) im Vergleich mit einem Kreis (grau).”<sup>12</sup> - **Well, you CANNOT HELP someone, who MUST SEE a circle, but WRITES in the description “ellipsoid”!!!**

And now we have a REAL PROBLEM: THIS OBSERVATION of INSUFFICIENT ECCENTRICITY FOR ELLIPSOIDES IN OUR PLANETARY SYSTEM CANNOT BE OTHER THAN KNOWN TO ALL PROFESSIONAL TODAY ASTRONOMERS, so that there CANNOT be a RATIONAL REASON, WHY the schoolbooks repeat, that planetary orbits here, in our home-system should be Kepler-ellipses!

To repeat, what I hardly can believe: AT LEAST ALL THE OLD ANTIQUE PLANETS IN OUR SOLAR SYSTEM ARE MOVING ON NEARLY PERFECT CIRCULAR ORBITS!

Sorry, Kepler, and HELP ME GOD: NO ELLIPSOIDES THERE!

AND THIS MAY BE CONSIDERED A CORE RESULT OF THIS ENTIRE ESSAY, that the OLD approach, to handle the orbits of our planetary system as NEAR TO PERFECT CIRCLES WAS and IS QUITE CORRECT PHYSICALLY!

But we may concede in favor of Kepler: The Kepler approach to calculate circles with formulas of ellipses generated PSEUDO-ELLIPSES to DEPICT MINIMAL DEFOMED REAL CIRCLES, that were in the time of Kepler the ONLY WAY, to get a grip on MULTIPLE ERRORS from MULTIPLE SOURCES in practical astronomical everyday-work. We today have the SAME problems as Kepler, but ANOTHER solution for it, which are MULTIVARIATE methods beyond the Gaussian Algorithm

11 Pic “nearly perfect circular orbit of planet Earth”, article “Erdbahn” in German Wikipedia URL <https://de.wikipedia.org/wiki/Erdbahn>

12 article “Erdbahn” in German Wikipedia URL <https://de.wikipedia.org/wiki/Erdbahn>



and beyond the so-called “3-bodies-problem”, to calculate approximately 150 main bodies in our planetary system causing all those tiny differences, that spoil our perfect geometries to IMPERFECT and SLIGHTLY DEFORMED CIRCULAR orbits for instance. Additional introductory reading see below in footnote.<sup>13</sup>

Our turning back to the hellenistic-GREEK understanding within the Library of Alexandria, has two major consequences:

- a) At first we may doubt the conventional explanation of GRAVITATIONAL influences for the Minimal DEFORMED orbital circles. We may even go as far, as to SPECULATE, that NEARLY PERFECT CIRCLES and PERFECT STRAIGHT LINES ARE NOT POSSIBLE IN NATURE and may have instead a TECHNICAL CAUSE, say of some sort of PROPULSION-AGGREGATE within planets, which however the analysis of MASCONS within planets could not confirm so far???! Another possibility would be, to be on the outlook of consequences from the new astrophysical time-gravity theory of Nikolai Kozyrev, provided she will ever be published comprehensively enough.
- b) Secondly we may wonder, which geometry should be chosen for the IDEA, that our entire planetary system is moving as a COMBINED – intuitively assumed “DEFORMED” - SHOCKWAVE with a MAIN VECTOR – from expansion-theory - around our galactic center. We very well might turn in our search to certain patterns, that have appeared in crop-circles, especially patterns with multiple circle-geometries. At least such geometries CANNOT BE, as we have learned here, “deformed Kepler-orbits”, as I suggested earlier in other papers, so that the possible TYP OF systemwide DEFORMATION becomes a riddle in itself, say in the field of magnetism, solar winds and similar features with known already capability of deformation.
- c) We may SPECULATE, that CIRCULAR features probably would FIT BETTER, if proceeding to today trials of TORUS-models “everywhere”.
- d) By the way: A CIRCULAR STABILITY of a planetary system is a STRONG HINT to “intelligent system set-up” - or even a CREATOR-GOD or at least an INTELLIGENT MAINTENANCE-GROUP within every planetary system!



Neuss, the 21<sup>st</sup> of November

In Presentatione B.M.V. - Mariä Tempelgang (othodox and catholic)

Buik Science and Music

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13 See article “Bahnbestimmung” in German wikipedia URL <https://de.wikipedia.org/wiki/Bahnbestimmung> - see article “Bahnelement” in German wikipedia URL <https://de.wikipedia.org/wiki/Bahnelement> - see article “Bahnstörung” in German wikipedia URL <https://de.wikipedia.org/wiki/Bahnst%C3%B6rung> - see article “Planetenbahn” in German Wikipedia URL <https://de.wikipedia.org/wiki/Planetenbahn> - see article “Störungsrechnung und die Stabilität unseres Sonnensystems” ” Florian Freistetter – scienceblogs - URL <http://scienceblogs.de/astrodicticum-simplex/2010/01/05/storungsrechnung-und-die-stabilitat-des-sonnensystems-teil-1/> - see keyword “Störungstheorie”