## Mercury Jupiter Distance

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## 1- Abstract

Mercury data supports the claim that
"The Solar Group is One Machine, each planet is one gear in this same machine"
The following suggested map can explain the idea more clearly.


The previous figure gives us a map of the solar group

- The yellow circle is the sun, and the others are the planets
- Each body or matter is found as light coherence point (or energy trajectories connection point) which means the forces are found behind the matters
- The solar group can be similar to puppet theater, where the energies control not only the motions but create the matter and distances


## 2- Introduction

Mercury data provides us with many unsolved puzzles... let's take a look at some of them in following:

- Mercury orbital Circumference $=360$ million $\mathrm{km} \ldots$. i.e. 1 million km for each 1 degree.
- Mercury Ceres distance $=360$ million km also... i.e. Mercury during his orbital period moves a distance $=$ Mercury Ceres distance
- Mercury Jupiter distance $=720.7$ million km.... i.e. Mercury during 2 orbital periods moves a distance $=$ Mercury Jupiter distance !
Not only that
- Mercury day $=2$ Mercury orbital periods approximately (just minus 84 minutes)... that means, Mercury during his day period moves a distance $=$ Mercury Jupiter distance..
In fact there are more puzzles in Mercury data, let's see that in following:
- Mercury day 4222.6 hours $=3 \times$ Mercury rotation period 1407.6 hours (no error)
- Venus rotation period 5832.5 hours $=$ Mercury rotation period $1407.6 \times(\Pi+1)$

But

[^0]Please remember

- Mercury actual velocity $=47.4 \mathrm{~km} /$ second which means Mercury orbital circumference $=360$ million km , means 1 million km for each 1 degree $\ldots$

The current theories tell us easily, all previous data are found by Pure coincidences and there are no geometrical or physical reasons behind
And
I claim that, Because the solar group is one machine, each planet is one gear in this same machine, for that reason the previous data are created depending one each other...
To see the picture as clear as possible, we should answer the basic question which is
Why Mercury moves during his day a distance = mercury Jupiter distance?
Let's try to answer this question in this paper

## 3- Why Mercury moves during his day a distance = mercury Jupiter distance $\mathbf{7 2 0 . 7}$ million $k m$ ?

## 3-1 Data

## Equation No. 1

Neptune orbital distance $4495.1 \mathrm{mkm}=2 \Pi \times 715.12$ million km

## Equation No. 2

$\frac{\text { Jupiter orbital distance } 778.6 \mathrm{mkm}}{\text { Mercury Jupiter distance } 720.7 \mathrm{mkm}}=\frac{\text { Mercury Jupiter distance } 720.7 \mathrm{mkm}}{\text { Venus Jupiter distance } 670 \mathrm{mkm}}=\frac{\text { Venus Jupiter distance } 670 \mathrm{mkm}}{\text { Earth Jupiter distance } 629 \mathrm{mkm}}=1.0725$

## Equation No. 3

Pluto Jupiter distance $5091.4 \mathrm{mkm}=7.1 \times 717$ million km

## Equation No. 4

I- $13.1 \mathrm{~km} / \mathrm{sec}$ (Jupiter velocity) x 5040 seconds $=66024 \mathrm{~km}$
II- $66024 \mathrm{~km} x 10921 \mathrm{~km}$ (the Moon Circumference) $=720.7$ million km
III- $13.1 \mathrm{~km} / \mathrm{sec}$ (Jupiter velocity) x 10921 km (the Moon Circumference) $=721 \mathrm{mkm}$
IV- 10921 km (the Moon circumference) $=366.25 \times 29.8 \mathrm{~km} / \mathrm{sec}$ (Earth Velocity)

## Equation No. 5

10921 km (the Moon circumference) x $449197.5 \mathrm{~km}=4900$ million km (Jupiter orbital circumference).

## Equation No. 6

Mercury Velocity $((\Pi+1) x 1$ million km$) / 1.1318$ million $\mathrm{km} /$ day $($ Jupiter velocity $)=3.66$

## 3-2 The Discussion

The previous equations tell us different geometrical features of the solar group, we need to review them together, but we should remember that all of them are features in the same one system or one machine
Let's start

## Equation No. 1

Neptune orbital distance $4495.1 \mathrm{mkm}=2 \Pi \times 715.12$ million km
The produced value 715.1 million km is very near to 720.7 mkm (error $0.7 \%$ )
We have studied the value 4495.1 mkm (Neptune orbital distance) before and I suggested that this value is the inner planets energy source
Please review
Solar Group Geometrical Structure
http://vixra.org/abs/1805.0081

## Equation No. 2

$\frac{\text { Jupiter orbital distance } 778.6 \mathrm{mkm}}{\text { Mercury Jupiter distance } 720.7 \mathrm{mkm}}=\frac{\text { Mercury Jupiter distance } 720.7 \mathrm{mkm}}{\text { Venus Jupiter distance } 670 \mathrm{mkm}}=\frac{\text { Venus Jupiter distance } 670 \mathrm{mkm}}{\text { Earth Jupiter distance } 629 \mathrm{mkm}}=1.0725$
Also this Equation we have studied before in the same paper
The rate 1.0725 is found because of Lorentz contraction effect, this idea I tried to prove by many different ways in different papers
Please review
The Time definition
http://vixra.org/abs/1805.0523

## Equation No. 3

Pluto Jupiter distance $5091.4 \mathrm{mkm}=7.1 \times 717$ million km
7.1 is lorentz contraction effect

And that means the distance 717 mkm (approximately $=720.7 \mathrm{mkm}$-Mercury Jupiter distance ) is a contracted distance from Jupiter Pluto distance, and that gives us a new vision for the solar planets orbital distances

## Equation No. 4

I- $13.1 \mathrm{~km} / \mathrm{sec}$ (Jupiter velocity) $\times 5040$ seconds $=66024 \mathrm{~km}$
II- $66024 \mathrm{~km} \times 10921 \mathrm{~km}$ (the Moon Circumference) $=720.7$ million km
III-13.1 km /sec (Jupiter velocity) x 10921 km (the Moon Circumference) $=721 \mathrm{mkm}$
IV- 10921 km (the Moon circumference) $=366.25 \times 29.8 \mathrm{~km} / \mathrm{sec}$ (Earth Velocity)
Equation No. 4 is the main subject here
In fact I can't explain it yet
Still I don't know how to define the planet diameter!
How the matter is created? it's the question which we fight for all our time
Let's try to understand this set of equation together

## I- $13.1 \mathbf{k m} / \mathbf{s e c} \times 5040$ seconds $=\mathbf{6 6 0 2 4} \mathbf{~ k m}$

- $\quad 13.1 \mathrm{~km} / \mathrm{sec}$ is Jupiter velocity

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- 5040 seconds are the required period to make Mercury day $=176$ days accurately, because Mercury day is less than 176 days with only 84 minutes which $=5040$ seconds
- So Jupiter moves during this period 5040 seconds a distance $=66024 \mathrm{~km}$

Let's see the second equation

## II- 66024 km x 10921 km (the Moon Circumference) = $\mathbf{7 2 0 . 7}$ million km

If we multiply the previous result 66024 km with Earth moon circumference the result will be 720.6 million $\mathrm{km}^{2}$
720.6 million $\mathrm{km}^{2}=$ a distance 720.6 million km with breadth $=1$ million km

What does that mean?
The distance 720.7 mkm is produced by these 2 values cooperation

## Let's take a look on ..Equation No. 5

Moon Circumference 10921 km x Jupiter circumference $449378.3 \mathrm{~km}=4900$ million km (Jupiter orbital circumference)
So, the moon circumference effects on Jupiter distance, not only on Mercury Jupiter distance 720.7 mkm but also on Jupiter orbital circumference

III- $13.1 \mathrm{~km} / \mathrm{sec}($ Jupiter velocity) x 10921 km (the Moon Circumference) $=721$ mkm
This equation is our hard question
I claimed that Time and distance values can be equivalent in higher velocity as a relativistic effect
But what about the matter?
The previous equation tells us that the moon circumference works as a period of time 10921 seconds during which Jupiter moves a distance $=721 \mathrm{mkm}$

I see that causes serious shock, but because we don't know how the matter is created we have to test every possible idea to reach the truth

Theory or matter creation tells us that the matter and distance are produced from coherence of light (the Matter is Bright fringes and the distance is dark fringes) but because the relationship between the distance and time values isn't clear yet we don't know if there's a way for the matter value to behave as a time value We need more search and discussion to see much better

## 3-3 More Clear Discussion

Shortly, why Mercury moves during his day period a distance = Mercury Jupiter distance?
Because Mercury Jupiter distance and Mercury day depends one the same source...
Let's summarize that here

- The distance 720.7 mkm let's suppose it's $=720$ million km only
- 1 million $\mathrm{km}=1$ degree so this distance $=720$ degrees
- $\quad$ Mercury day $=175.94$ days $=719.76$ degrees

$$
\frac{\text { Mercury Jupiter distance } 720 \mathrm{mkm}=720 \text { degrees }}{\text { Mercury Day }=719.76 \text { degrees }}=\frac{28.6363}{28.6268}
$$

$28.6363=(180 / 2 П)$
$28.6268=(179.9 / 2 \Pi)$
But
$179.9=177.4$ Venus axial tilt +2.5 Saturn orbital inclination
This idea we have discussed before in my previous paper
The Sun Data shows Relativistic Effects (revised) (page 21)
http://vixra.org/abs/1806.0209
also I wish we remember that Neptune orbital inclination $=28.3$ degrees which is very near to the previous data

I want to say
The solar group motions depends on a cooperation is done between Saturn and Venus to create the value 179.9 degrees, this value will be used for the whole solar group
But of course 179.9 degrees is not equal 180 degrees which is the standard value, so the difference between both caused Mercury Day to be decreased from 176 days to be 175.94 days and that caused the degrees to change from 720 degrees to 719.76 degrees

I see this idea is not clear yet
But we need to know Neptune orbital effect on this process, which is a main factor is the equation
Why my idea is useful if it's not clear?
I wish the reader sees easily the argument
I can't explain the geometrical basics of each point in the solar group
It's far from me now
But I can claim easily that, the solar group is one machine or one system each planet is one gear in this machine and cooperates with the other to produce the solar group all motions

Each point I add in my papers support this fact
But to explain completely the whole geometrical structure of the solar group I need more time

## 4- Mercury effect on Metonic Cycle <br> 4-1 Data

## Equation No. 7

$2 \times 6939.75$ seconds $=\Pi^{2} \times 1407.6$ hours ( 1407.6 hours $=$ Mercury rotation period)
Please remember
The light with velocity 0.3 million $\mathrm{km} /$ second needs 6939.75 seconds to pass the distance from Jupiter to Uranus 2095 million km
Equation No. 8
1407.6 days $=8 \times 175.94$ days $($ mercury day $=175.94$ days $)$

## Equation No. 9

$6939.75 \times 4=175.94$ days $\times 2 \Pi 50.3$ million km

## Equation No. 10

612 million $\mathrm{km} \times 4=2448$ million $\mathrm{km}=П 778.9$ million $\mathrm{km}(778.6$ million $\mathrm{km}=$ Jupiter orbital distance)

## 4-2 The Discussion

the previous equations tell us a clear idea that, the light needs a period $=6939.75$ seconds to pass from Jupiter to Uranus ( 2095 million km)
the light passes with energy...
we don't know any data about this energy except it's period of time 6939.75 seconds
this is the energy (we should discuss how the time can be energy later)
this energy which is 6939.75 seconds will be transported to the Earth Moon
and will be shown on the Earth moon as a cycle of 6939.75 days (Metonic Cycle)
so

## It's The Same Energy

But for light, this energy is seen as a period of seconds ( 6939.75 seconds)
And for the moon this same energy is seen as a period of days ( 6939.75 days)
The previous Equations tell us How this process is done?
Let's discuss it in full details in following

## Equation No. 7

$2 \times 6939.75$ seconds $=\Pi^{2} \times 1407.6$ days ( 1407.6 hours $=$ Mercury rotation period)
Why we need 2 periods of 6939.75 seconds?
Because Jupiter Uranus distance 2095 mkm is defined 2 times along the orbital diameter passing through the sun... the distance 2095 mkm should be double in the full revolution
So the number $2 \times 6939.75$ seconds .... Is real number
Now let's discuss what this equation tells us
$2 \times 6939.75$ seconds $=\Pi^{2} \times 1407.6$ hours ( 1407.6 hours $=$ Mercury rotation period)
What does this Equation tell us?
$2 \times 6939.75$ are seconds
But 1407.6 are hours .... What does that mean
The seconds transfer into hours!
We don't know by what mechanism the process is done! We see only the factor $\Pi^{2}$
We remember that Earth gravity $=9.8$ and this number is very near to the factor $\Pi^{2}$
I conclude that,

The period of seconds of Light motion will be period of hours for Matter Motion if $\Pi^{2}$ is the factor of transformation the Energy of light into Energy of Matter
This conclusion isn't clear yet, but the basic idea can be summarized in following
The creation of matter from the Energy necessitates to change the time rate of this Energy
And in this case the second becomes an hour because the light becomes matter Equation No. 8
1407.6 days $=8 \times 175.94$ days (mercury day $=175.94$ days)

The previous equation tells us that the 1407.6 hours will be 1407.6 days to be seen as 8 Mercury day where each Mercury day $=175.94$ days
The idea still can be seen here also,
The hour period is transferred into a day period
This process is done based on the machine gears...
That means
The different motions of the solar planets cause the motions to be coherent with each other to produce the previous effect
Let's summarize the whole idea:
1- The second period will be transferred into hour period while the light becomes matter
2- The hour period will be a day period based on the solar group different motions and cycle
By such way the period 6939.75 seconds for the passing light from Jupiter to Uranus will be 6939.75 days for the Earth Moon which is seen as Metonic Cycle

## Let's explain that in more details

The light needs 6939.75 seconds to pass from Jupiter to Uranus, this energy is transported to the Earth Moon through Mercury, first the seconds are transferred into hours and later these hours are transferred into days through Mercury Day that means 6939.75 seconds will be 6939.75 days

To understand that with more depth let's discuss Equation No. 9

## Equation No. 9

$6939.75 \times 4=175.94$ days $\times \square 50.3$ million km
$6939.75 \times 4=27759 \mathrm{mkm}=2 \Pi 4416$ million km (Mercury Neptune distance)
Equation No. 9 explains that with each possible details
The period 6939.75 will work in 4 parts
This value is transferred into Mercury day ( 175.94 mkm ) x $\Pi 50.3$ million km
Where $\boldsymbol{\Pi} \mathbf{5 0 . 3} \mathbf{~ m i l l i o n ~ k m}$ is the circumference of Mercury Venus distance 50.3 mkm
How can we understand that?
The distance $\boldsymbol{\Pi} \mathbf{5 0 . 3} \mathbf{~ m i l l i o n ~} \mathbf{k m}$ works as a time period while we see it as a distance
This value 50.3 seconds is seen for us as a distance where its circumference works to define Mercury Day period
That means...... The Value 6939.75 depends on 2 value
1- Mercury Day 175.94 million km
2- 50.3 million km and its circumference 50.3. $\mathrm{x} \square$
Where this 2 values define the Metonic Cycle ......I want to say that
Metonic Cycle depends on 2 values Mercury days and Mercury Venus circumference, these 2 values are seen from us as a period value and a distance value but it's our vision for them, where in fact both of them are periods of time
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So the distance 50.3 million km is a period of time we see as a distance
For example
50 seconds x 1.16 million km (light higher velocity) $=5870$ million km (Pluto orbital distance) $\qquad$ .We can see that 50 is a time period
And this same value will be seen as 50.3 million km from us
Equation No. 9 tells us that
Metonic Cycle depends on Mercury Day and Mercury Venus Distance
The Solar Group is One Machine (Proves)
http://vixra.org/abs/1808.0081
Solar Planet Gravity Equation
http://vixra.org/abs/1808.0012
The Moon Orbit Geometrical Structure (revised)
http://vixra.org/abs/1807.0449
84 Minutes are Required for Mercury Day
http://vixra.org/abs/1807.0412
Pluto was "The Mercury Moon"
http://vixra.org/abs/1807.0331
Saturn Data Proves Mars Immigration
http://vixra.org/abs/1807.0301
Mars Immigration Proves (Revised)
http://vixra.org/abs/1807.0268
Solar Planet Motion
http://vixra.org/abs/1807.0220
Mercury Velocity
http://vixra.org/abs/1807.0208
Solar Planet Diameter Creation Rule
http://vixra.org/abs/1807.0208
Uranus Position In The Sky
http://vixra.org/abs/1806.0212
The Sun Data shows Relativistic Effects (revised)
http://vixra.org/abs/1806.0209
Earth Motion Produces the Moon Orbit
http://vixra.org/abs/1806.0137
The Time definition
http://vixra.org/abs/1805.0523
Solar Group Geometrical Structure
http://vixra.org/abs/1805.0081

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[^0]:    - Mercury orbital distance $=57.9 \mathrm{mkm}$ if we use this value to find the ordinary orbital circumference by the equation $2 \Pi \mathrm{R}$ we'll reach to 364 million km , that means Mercury Velocity daily $=(\Pi+1) \times 1$ million km that means 88 days (Mercury orbital period) $\mathrm{x}(\Pi+1) \times 1$ million $\mathrm{km}=364$ million $\mathrm{km}=2 \Pi \mathrm{R}$ where $\mathrm{R}=57.9$ million km

