# Uranus Position In The Sky <br> By Gerges Francis Twadrous 

$2^{\text {nd }}$ course student - Physics Department - Physics \& Math Faculty Peoples' Friendship University - Moscow - Russia -2010-2013
TEL +201022532292 georgytawdrous@yandex.ru / mrwaheid@gmail.com
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## Abstract <br> Uranus and Neptune are perpendicular on Saturn level

i.e. Saturn Orbital Distance locates at horizontal level with all planets (Mercury, Venus, Earth, Mars, Jupiter and Saturn) - let's call it (Saturn level)
Uranus and Neptune are on vertical level related to Saturn level - let's call it ( Uranus level)

## So Uranus level is perpendicular on Saturn level

Let's provide the proof in following

## Contents:

1- The Main Idea
2- Uranus Effect On The Moon Orbit
3- Uranus Axial Tilt
4- Metonic Cycle is a relationship between Jupiter and Uranus
5- Lorentz Contraction effect on Uranus axial Tilt
6- Uranus Orbital distance

## 1- The Main Idea

## I-Data

- Saturn orbital distance $=$ Saturn Uranus distance
- Neptune Mercury Distance = Saturn Pluto Distance
- Mercury Saturn distance = Neptune Pluto Distance
- Uranus orbital distance = Uranus Neptune Distance (error 4\%)


## II-Discussion

Why These Distances Are Equal?
These distances are light beams reflected from each other
For example
Saturn orbital distance is a light beam reflected on Saturn himself, so the reflected light beam reaches to Uranus..... the original light beam length $=$ the reflected light beam length

That's why these distances are equal

But why Uranus orbital distance $=$ summation of both light beams lengths (the original and reflected light beams)?
Because the distance is an Energy and created by the light beams.
i.e. the distance is consisted from the original light beams and the reflected one
if the light beam is not found, the distance will not be found
-I explained this concept in my previous paper
Solar Group Geometrical Structure-
$\underline{\text { http://vixra.org/abs/1805.0081 }}$

## 1-1- Uranus Vertical Level

The most far point in the solar group, from the sun, is Saturn where Uranus and Neptune are on vertical level relative to Saturn horizontal level

The aforementioned equal distances were my tool to conclude this fact...
That Uranus is at vertical level relative to Saturn Level
But how we conclude that?
Let's show my conclusion process in following (I used Uranus axial Tilt)
Please review
The Sun Data shows Relativistic Effects"
https://www.academia.edu/s/5d1ef4c0b4/the-sun-data-shows-relativistic-effects
or
https://www.slideshare.net/Gergesfrancis/the-sun-data-shows-relativistic-effects-and-motions

## 2- Uranus Effect On The Moon Orbit

- I couldn't find contraction effect on Uranus orbital distance, means Uranus is far from the relativistic effects...!
- But How? I claimed in previous paper that Uranus effects on Perigee point, and perigee point itself is a contracted length how that can be possible?
To answer we need to know the motion direction.... Or
The length contraction direction ...!
- Earth Moon distance at perigee point is a contracted length found by lorentz contraction based on velocity $=0.99 \mathrm{c}$, I claimed that in previous paper. Then next part is the moon orbit distance from perigee to apogee and I claimed also this distance is effected by Lorentz contraction...! So...
- The contraction direction is at the horizontal level from Earth toward the moon, passing by perigee and apogee points respectively ..
- We know Uranus effects on Perigee point

But

- Uranus orbital distance has no relativistic effect

What conclusion we can reach here?

- Uranus orbital distance must be perpendicular at Earth Moon Distance

- As explained in previous figure, Uranus Orbital Distance direction must be perpendicular at the moon orbit radius direction (distance from perigee to apogee)

This claim has any proof? Why this is truth?!

## 2-1 Uranus axial tilt has relativistic effects

- That's why Uranus axial Tilt $=97.8$ degrees (greater than 90 degrees!).. why? Because:
- Uranus Axial Tilts shares in relativistic effects
- i.e. Uranus axial Tilt effects on horizontal level (the Earth moon distance)
- So Uranus axial Tilt needs at least 90 degrees to overcome the perpendicular position of Uranus Orbital distance (shown in the figure)
- In brief, because Uranus orbital distance is perpendicular at the Earth moon distance (at vertical) and Uranus axial Tilt shares the relativistic effects of the moon orbit distance (at horizontal) that requires Uranus Axial Tilt to be greater than 90 degrees to perform this task...

Let's discuss How Uranus axial Tilt is created in following

## 3-Uranus Axial Tilt

## I-Data

## Equation 3-1

$2872.5 \mathrm{mkm}($ Uranus orbital distance $)=97.8$ Uranus axial Tilt x 29.37
(29.37 = (511.1 deg. planets axial tilt total/ 17.4 deg. Inner planets orbital inclinations total)

## Equation 3-2

Uranus Axial Tilt 97.8 degrees= 5.1 The moon orbital inclination x 19 Metonic Cycle years

## Equation 3-3

511.1 degrees $($ planets axial tilt total $)=98.7 \times 5.1$ (Moon orbital inclination)
( 98.7 deg. $=97.8$ deg. Uranus axial tilt +0.8 deg. Uranus orbital inclination $)$

## Equation 3-4

Uranus Axial Tilt 97.8 degrees $=7.25$ degrees (sun obliquity to ecliptic) $x(3.66)^{2}$

## Equation 3-5

Uranus Axial Tilt 97.8 degrees= 26.7 degrees (Saturn Axial Tilt)

## Equation 3-6

6939.75 days $($ Metonic Cycle $)=511.1$ deg. planets axial tilt total $x(3.66)^{2}$
(3.66 the rate between Earth diameter to Moon diameter and $3.66^{2}$ the rate between Earth orbital period and Moon orbital period)

## II- Discussion

## Equation 3-1

tells us important information that Uranus axial Tilt is created based as a rate between
All planets axial tilts total 511.1 and Inner planets orbital inclinations total 17.4 deg at one side relating to Uranus orbital distance 2872.5 mkm at the other side

I wish the strong relationship is very clear
Uranus axial Tilt is considered the most important axial Tilt in the group! Even more important than Mars Axial Tilt!

There are many and many relationships here but I try to summarize the idea

## For example

Uranus Axial Tilt 97.8 degrees= 122.5 degrees ( Pluto Axial Tilt) x0.8 (Uranus orbital inclination)
(Pluto axial Tilt depends on Uranus data completely)

## Equation 3-2 and 3-3

Tell us Uranus axial Tilt shares strongly in Metonic Cycle

There are many proves for that, in following point we'll see strong one
But let's me provide here more equation only
2872.5 Uranus orbital distance $=150 \mathrm{mkm} \times 19$ Metonic cycle years
(Not only Uranus axial tilt share Metonic Cycle but also Uranus orbital distance)

## Equation 3-4, 3-5 and 3-6

These equations explain many relationship with this number 3.66,
This number is the rate between Earth diameter and moon diameter
Also this same rate is found between the sun diameter and Earth Moon distance ...
Shortly
3.66 is the main geometrical factor in eclipse phenomenon.. this factor answers why we see the sun disc $=$ the moon disc.. I provide this data in previous paper

The Sun Data shows Relativistic Effects
https://www.academia.edu/s/5d1ef4c0b4/the-sun-data-shows-relativistic-effects
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## 4- Metonic Cycle is a relationship between Jupiter and Uranus

## I-Data

Equation 4-1
10 x Mars Orbital Period 687 days $+2 \Pi^{3}=20 \times$ Nodal year 346.6 days $=$ Metonic Cycle 6932 days

## Equation 4-2

Mars Orbital Period 687 days x $2 \Pi=4331$ days (Jupiter orbital Period)
Also
Mars Orbital Period 687 days $=$ 27.3 Moon Orbital Period $\times$ 25.2 Mars Axial Tilt
Mars Orbital Period 687 days= 365.25 Earth orbital Period x 1.9 Mars orbital inclination

## II- Discussion

## Equations 4-1 and 4-2

These equations explain How Mars Orbital period is related to Moon, Earth and Jupiter Orbital periods...

We can see that, all these periods are related to Metonic Cycle period
I wish it's clear that Metonic Cycle is an effective on the whole solar group...

## 5-Lorentz Contraction effect on Uranus axial Tilt

## I-Data

## Equation 5-1

$6939.75=97.8$ Uranus Axial Tilt x 71 (Lorentz contraction rate for $\mathrm{v}=0.9999 \mathrm{c}$ )

Gerges Francis Tawadrous/
$2^{\text {nd }}$ Course student - physics Faculty - People's Friendship University - Moscow -Russia.. mrwaheidl@yahoo.com mrwaheid@gmail.com +201022532292

## Equation 5-2

6939.75 seconds x $0.3 \mathrm{mkm} / \mathrm{sec}(\mathrm{c}$ velocity) $=2095 \mathrm{mkm}$ (Jupiter Uranus Distance)

## II-Discussion

## Equation 5-1

tells us a clear meaning that Metonic Cycle Period (if works as distance) will be contracted by rate 71 based on velocity 0.9999 c (as we discussed in the previous paper) to produce Uranus Axial Tilt...(we discussed before how the time values can be distance values)

## Equation 5-2

Here Metonic days transferred into seconds... I don't know how?
But this is the motion we searched for
We searched for motion is done by 0.9999 c velocity
This is the motion, it's done by light velocity to cover the distance between Uranus and Jupiter, that's the reason why Metonic Cycle is a relationship between Uranus and Jupiter... to understand what's going here we should return to the perigee point discussion in my previous paper
Earth Motion Produces the Moon Orbit
http://vixra.org/abs/1806.0137

## 6- Uranus Orbital distance

## I-Data

Equation 6-1
$C^{2}=\Pi^{3} \times 2872.5 \mathrm{mkm}$

## Equation 6-2

Uranus Orbital distance $2872.5 \mathrm{mkm}=150 \mathrm{mkm}$ (Earth Orbital distance) x 19 Metonic Cycle years

## Equation 6-3

Uranus Orbital distance $2872.5 \mathrm{mkm}=144 \mathrm{mkm}$ (Mars immigrated distance) $\times 20$ Nodal years.

## II-Discussion

We know equation No. 6-1

## Equation 6-2

This equation tells us that the period 365.25 days is working for Metonic Cycle for 19 years, So the distance 149.6 mkm (Earth orbital distance) is working for Metonic Cycle for 19 years .... This process depends on Uranus Orbital Distance

## Equation 6-3

This equation tells us that the period 346.6 days (nodal year) is working for Metonic Cycle for 20 years,

So the distance 144 mkm (Mars Immigrated distance) is working for Metonic Cycle for 20

## i.e. Metonic Cycle depends on 2 distances

- Earth Orbital Distance
- Mars Immigrated Distance (we have discussion in previous paper- The Sun data shows Relativistic Effects)
- Both distances are unified in Uranus orbital Distance... that means both distances are related to Uranus orbital Distance and to each other
- Here we see deep relationship between Mars and Earth

That proves Mars immigration claim which I provided in previous paper
The Sun Data shows Relativistic Effects
https://www.academia.edu/s/5d1ef4c0b4/the-sun-data-shows-relativistic-effects
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contacts :Gerges Francis Tawdrous
TEL +201022532292
E-mail georgytawdrous@yandex.ru
Linkedln https://eg.linkedin.com/in/gerges-francis-86a351a1
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Earth Motion Produces the Moon Orbit
http://vixra.org/abs/1806.0137
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Solar Group Geometrical Structure
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Earth and Mars Motions Interaction
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$2^{\text {nd }}$ Course student - physics Faculty - People's Friendship University - Moscow -Russia.. mrwaheidl@yahoo.com mrwaheid@gmail.com +201022532292

