

DEAD SKUNK IN THE MIDDLE OF THE ROAD

STINKING TO HIGH HEAVEN

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SCIENTIFIC QUOTES

TO NOTE

There are children playing in the streets who could solve some of my top problems in Physics because they have modes of sensory perception that I lost long ago.

It is a profound and necessary truth that the deep things in Science are not found because they are useful. They are found because it is possible to find them.

-J. Robert Oppenheimer

An expert is a person who made all the mistakes that can be made in a very narrow field.

It is wrong to think that the task of Physics is to find out how Nature is. Physics concerns what we say about Nature.

Every great and deep difficulty bears in itself its own solution. It forces us to change our thinking in order to find it.

How wonderful that we have met with a paradox. Now we have hope of making progress. Your theory is crazy, but it is not crazy enough to be true.

-Neils Bohr

Two paradoxes are better than one; they may even suggest a solution. No endeavor that is worthwhile is simple in prospect. If it is right, it will be simple in retrospect.

-Edward Teller

There is no harm in doubt and skepticism {because} it is through these that new discoveries are made.

Reality must take precedence over public relations {because} Nature cannot be fooled.

I was born not knowing and have had only little time to change that here and there.

The First Principle is that you must not fool yourself, and you are the easiest person to fool.

-Richard Feynman

The scientist only imposes two things: namely truth and sincerity, imposes them upon himself and upon other scientists

Our minds – by virtue of a certain finite limited capability – is by no means capable of putting a question to Nature that permits a continuous series of answers. The observations – the individual results of measurements – are the answers of Nature to our discontinuous questioning.

We do not belong to this material world that science constructs for us. We are not in it; we are outside, we are only spectators. The reason we believe that we are in it – that we belong to the picture – is that our bodies are in the picture. Our bodies belong to it. Not only my own body, but those of my friends, also of my dog and cat and horse, and of all the other people and animals. And this is my only means of communicating with them.

The task is not so much to see what no one has yet seen but to think what nobody has yet thought about that which everybody see.

-Erwin Shrodinger

I am now convinced that theoretical physics is actually philosophy.

Intellect distinguishes between the possible and the impossible. Reason distinguishes between the sensible and the senseless. Even the possible can be senseless.

The scientist's urge to investigate – like the faith of the devout or the inspiration of the artist – is an expression of Mankind's longing for something fixed, something at rest, in the universal whirl.

Truth is what the scientist aims at. He finds nothing at rest, nothing enduring, in the universe. Not everything is knowable, still less predictable. But the Mind of Man is capable of grasping and understanding a part of Creation – amid the fight of phenomena stands the immutable pole of law.

-Max Born

Not only is the Universe stranger than we think; it is stranger than we can think.

We have to remember that what we observe is not Nature itself but Nature exposed to our method of questioning.

Natural Science does not simply describe Nature; it is part of the interplay between Nature and ourselves.

The first gulp from the glass of the Natural Sciences will make you into an Atheist; but at the bottom of the glass, God is waiting for you.

-Werner Heisenberg

WHOSE FOOTSTEPS ARE YOU FOLLOWING?



**I KNEW A MAN WITH AN UNUSUAL PAST
HE WAS STRUCK BY LIGHTNING FREQUENTLY
WAS THERE A MESSAGE BEING DELIVERED?
WHO ELSE CONTROLS THE STORM BUT DIVINITY?**

**I DID NOT NOTICE A BEHAVIORAL CHANGE
THERE WAS NO CONFESSION OF WRONG DOING
A CONVERSATION BETWEEN THE CLAY AND THE POTTER
THE REST OF US INCAPABLE OF OVERHEARING.**

**WE STAND BEFORE THE JUDGEMENT SEAT ALONE
NO LONGER ANONYMOUS IN A GROUP
INDIVIDUAL RESPONSIBILITY AND ACCOUNTABILITY
TOO LATE A LIFE TO RECOUP.**

**A MENTAL HEALTH PATIENT HE WAS NOT
THE SOCIOPATHIC DISORDER NEVER DIAGNOSED
FOOLED EVERYONE BUT PERHAPS HIS WIFE
A PILLAR OF THE COMMUNITY ACCORDING TO OBIT POSTS.**

**REST ASSURED THAT HE IS NOT ALONE
THE FINAL RESTING PLACE FOR SUCH INDIVIDUALS
THE IRONY IS WASTED ON THE LIVING
FOR HE WAS A MAN WITH CLERGY CREDENTIALS**

IF HE WAS YOUR FATHER AS YOU SEEM TO INFER

HOW FAR DID THE ACORN FALL FROM THE TREE?

WHOSE FOOTSTEPS ARE YOU FOLLOWING?

WHAT IS YOUR FATE FOR ETERNITY?

A STUDY IN RELATIVE INERTIAL REFERENCE FRAMES:

THE PERIHELION OF MERCURY

Part One

The Capellan system of Heraclides of Pontus predicts a “virtual” Precession of the Perihelion of Mercury. The eccentricity of the orbit of Mercury is predicted by the translation of the Sun through space. Since this translation is circular in nature, a “virtual” Precession of the Perihelion of Mercury is predicted.

Before we dismiss Newtonian Celestial Mechanics that is based on Varahimihira’s Universal Gravitation Model, let us note the German physics instructor who published his solution in the years of 1898 and 1902 (republished in 1917). His name is Paul Gerber (1854 – 1909).

1. https://www.researchgate.net/publication/301432563_Gravity_AS_AN..
2. https://www.researchgate.net/publication/2210184_On_the_Origin_of..
3. <https://arxiv.org/abs/physics/0510086>
4. <https://physics.stackexchange.com/q/386856>
5. <https://astronomy.stackexchange.com/questions/7938/where-did-this...>
6. <https://file.scrip.org/html/4679.html>
7. <https://www.sciencedirect.com/science/article/pii/S0960077907001294>
8. https://en.wikipedia.org/wiki/two-body_problem_in_genearl_relativity
9. <https://molwick.com/en/gravitation/077-mercury-orbit.html>
10. <https://acedolius.blogspot.com/2011/12/paul-gerber-and-anomalous>
11. <https://rpc13052018.blogspot.com>
12. <https://kehrerkaroly.blogspot.com/2018/01/einstins-legacy-011018...>
13. <https://www.lewrockwell.com/2011/02/tom-bethell/relativity-and-the....>
14. https://www.gsjournal.net/Science-Journals/Research_Papers...
15. <https://www.alternatephysics.org/gerber/perihelion.htm>
16. Cds.cerm.ch/record/895745

In hindsight, we say “I should have noticed the yellow flags of caution and the red flags of danger.” In 1916, Einstein claimed that his newest theory solved the mystery of the Precession of the Perihelion of Mercury. It is similar to Edwin Hubble discovering what he was NOT looking for. Hindsight is 20/20.

What is the Precession of the Perihelion of Mercury? Any eccentric/elliptical orbit has an Aphelion and a Perihelion. The Aphelion is the farthest distance from the center. The Perihelion is the shortest distance from the center. The Perihelion “advances” with each orbit. This is Precession.

How does this advancing Perihelion “advance”? It advances by arc degrees and it is circular in nature. In the Capellan System of the Heraclidean Model, it is a three-

body problem and all three bodies are translating in circles. It resembles a carrot dangling before the eyes of a stubborn mule. The mule sees the carrot and advances toward it...except the carrot is dangling from a pole that is affixed to the mule. The carrot must move when the mule moves. The carrot (Mercury) and the mule (the Sun) remain in a constant relationship. So, the issue is in Relative Inertial Reference Frames. Einstein was correct in principle, but even a stopped clock is right twice a day.

In the Heraclidean Model, the observer on Earth is perceiving a different Inertial Reference Frame that is circling the observer. The observer is perceiving the “virtual” Precession of the Perihelion of the orbit of Mercury. For the Inertial Reference Frame of the Sun and its natural satellite (Mercury), there is no Precession.

Let's put Galileo aboard a ship under sail, then let's put Newton on an island, and then let's assign the ship to sail around the island. Let's assign Galileo on deck surrounded by an opaque barricade, and let's assign Newton to Plato's Cave on the island so Newton cannot see the circling ship and he cannot see the opaque barricade. Let Galileo toss a ball vertically and catch it on its descent, repeatedly and then let Newton see this tossed projectile. Now, let Newton publish a paper on his observations. Other scientists will flock to Plato's Cave on Newton's Island and they will confirm Newton's observations. Let's censure the people with an opposing explanation. Let's award ourselves Nobel Prizes for propaganda purposes to convey the idea of “settled science”. Let's publish scientific textbooks to indoctrinate young and impressionable minds without a – pardon the pun –FRAME OF REFERENCE!!!

Who said that GOD does not have a sense of humor? The Psalmist writes that GOD sits on His throne and laughs.

John Roach

12-05-2019

PLATO'S CAVE ON THE ISLAND OF THEORETICAL PHYSICS

STATIONARY

OBSERVER

A STUDY IN DIFFERENT INERTIAL REFERENCE FRAMES

Part Two

Inertial Reference Frames is an interesting study. Galileo studied them in his Thought Experiment – **THE TWO WORLD SYSTEMS**. The observer is assumed to be “at rest”. The scientist and all of the scientific instruments are assumed to be “at rest”. This assumption is tested by Astronomical Observations. The Sun “rises” from the Eastern Horizon, “crosses” the sky, and “sets” behind the Western Horizon. The Moon “travels” the same general path. The Night Sky “rotates” nightly around Polaris (The North Star) to observers in the Northern Latitudes. The three constellation groups “migrate” annually. What is actual and what is apparent? What is real and what is virtual?

The distinction is blurred in the Thought Experiment which the author calls **PETER PAN’S SHADOW IN NEVER-NEVER LAND**. This Thought Experiment has been demonstrated in similar fashion and recorded on film media. Two people are positioned on a rotating circular platform on the periphery, facing each other. They will toss a projectile back and forth while the circular platform rotates. The projectile travels a straight trajectory in the Inertial Reference Frame of the participants. The observer and the scientific instruments record a strange manifesting physical phenomenon. The projectile travels a convoluted trajectory and travels at an increased velocity.

Let us turn our attention to the last Astronomical Observation: the precession of the Perihelion of the planet Mercury around the Sun. Is it actual or is it apparent? Is it real or is it virtual?

In the Model of Neo-Heraclidean Astronomy, the planet Mercury is not a planet, but rather is the natural satellite Moon of the Sun, instead. The Sun is a planet much similar to Jupiter, the “failed” Sun. The Sun is revolving around the invisible Great Fire of Pythagorean Astronomy. The Sun is “superior” to the revolutions of the rotating Earth.

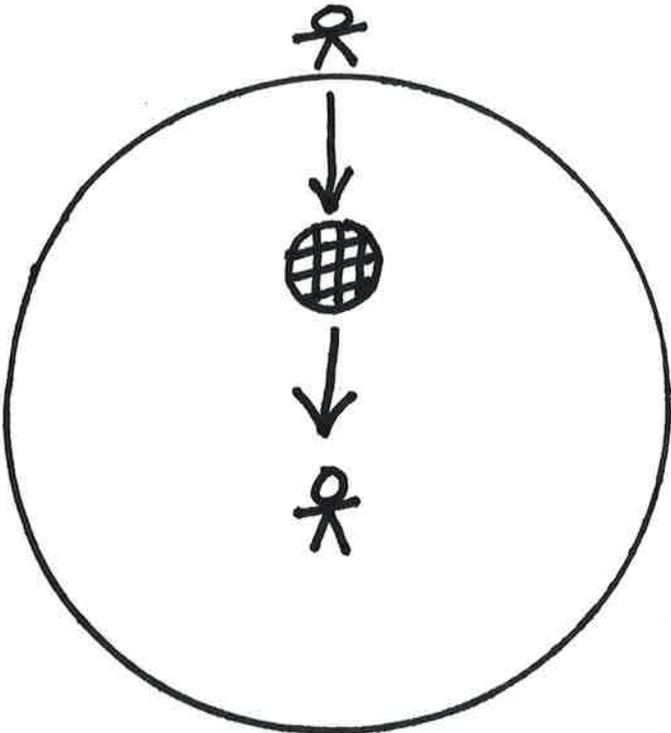
Mercury orbits the transitional Sun. The observed eccentricity is actual and real, not apparent-only and virtual. The eccentricity of Mercury is explained by the translation of the Sun. The Neo-Heraclidean Model of Astronomy “predicts” the actual and real eccentric orbit of Mercury around the Sun. An eccentric orbit has a Perihelion and an Aphelion. The Perihelion is observed to be “advancing”. Is this precession actual or apparent-only? Real or virtual? The Neo-Heraclidean Model “predicts” an apparent-only precession of the Perihelion of Mercury as it (Mercury) orbits the Sun that is translating in the superior revolution.

The last Astronomical Observation, lest we forget, Universal Gravitation is the assumption of the ancient scientist of India: Varahimihira (550 A.D.). The word

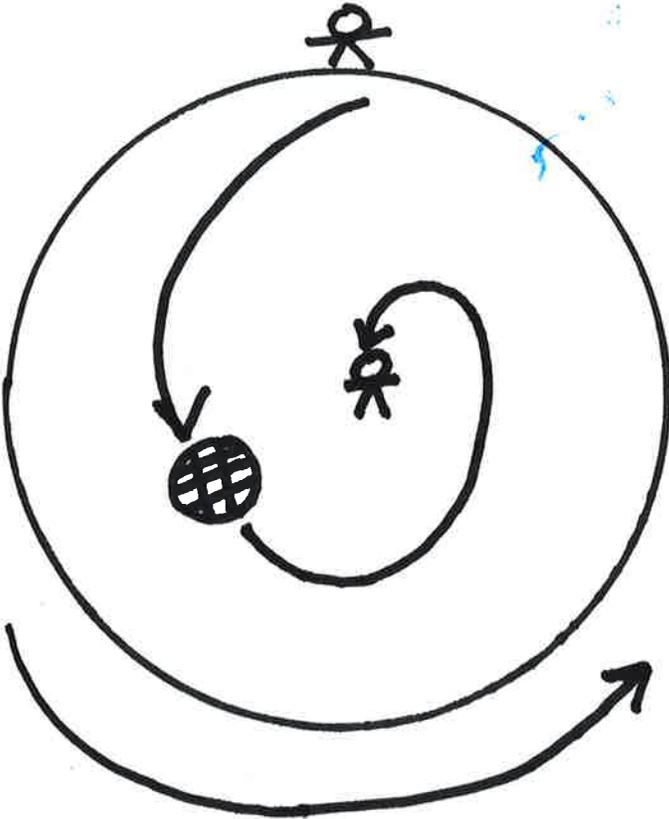
“Gravity” is an amalgam of a Sanskrit Language phrase: ATTRACTED TO/BY THE GURU (MASTER). Isaac Newton merely provided the mathematical modeling. Newton “abandoned” the Ether-Sea Model of Gravity in order to advocate the model of Varahimihira’s. Albert Einstein merely returned to the Ether-Sea Model of Gravity.

Ladies and Gentlemen: the decision is yours. I will leave you to your deliberations.

PLATO'S CAVE ON THE ISLAND OF THEORETICAL PHYSICS



STATIONARY



OBSERVER

IGNORANT ABOUT THE CMB?

This physical phenomenon was discovered and studied before radio transmission was fully understood and developed. It was discovered to exist when and where radio transmission was absent. It was discovered to exist as a natural component of Nature itself. It was studied with Faraday cages and by subjecting the tools of technology to freezing temperatures. It was studied as a potential problem to the transmission of telephone conversations on “telegraph” cables, because the telephone was known as the “talking telegraph”.

Bell Telephone & Telegraph tasked one of its electrical engineers, Karl Jansky, to monitor this ambient electromagnetic radiation along a proposed route for a transmission cable in 1931. Jansky discovered a daily aberration which amateur astronomer/electrical engineer Grete Reber began to develop into Radio Astronomy in the year of 1935. In the year of 1964, radio astronomers Arno Penzias and Robert Wilson “rediscovered” this ambient electromagnetic radiation by using the newly installed Horn Antennae at Bell Communication Labs in New Jersey, U.S.A. If Penzias and Wilson had done their homework, then history would be different today. But since Penzias and Wilson were obviously ignorant of Jansky and Reber, history took a different direction.

In their ignorance, Penzias and Wilson did not realize that they had “rediscovered” the very same ambient electromagnetic radiation which Karl Jansky had been tasked to monitor over three decades prior. In their ignorance, they were puzzled and perplexed. This ignorance “earned” them the Nobel Prize in Physics in the year of 1978. This ignorance changed the course of history.

Die-hard advocates of the Big Bang Theory, sore losers after having lost the scientific debates of the prior decade (the 1950’s), attributed Penzias’ and Wilson’s “discovery” to be the physical evidence of the alleged and hypothetical “Big Bang”.

Attentive readers will note that the Big Bang Theory has gone through startling revisions since its original version. Skeptical readers will note that the later versions disallow vestigial “fossil remains” of proposed initial event. The Big Bang Theory “kills” its own Great Grandparents in their infancy.

I am fairly certain that this negative criticism is falling on “DEAF EARS”. For the sake of argument, let’s set aside these objections because there is another IGNORANCE to deal with. This IGNORANCE is the decay of electromagnetic radiation. The Big Bang Hypothesis is based on a FAULTY ASSUMPTION of the decay of electromagnetic radiation. As a “signal” of electromagnetic radiation decays, it decreases its power but it does NOT change its frequency. Gamma Rays do NOT degrade into Ultra-Violet Rays as it decays. Ultra-Violet Rays do NOT degrade into frequencies of the visible spectrum as it decays. The frequencies of the visible spectrum do NOT degrade into the Infra-Red frequency as they decay.

The Infra-Red frequency does NOT degrade into the upper frequencies of radio as it decays. The upper frequencies of radio do NOT degrade into the lower frequencies of radio as they decay. Okay, got that? Good!

The Big Bang Hypothesis assumes that the Infra-Red frequency of HEAT altered its own frequency as it decayed into the frequency of Microwave (Radio) Radiation.

That, Boys and Girls, is PLAIN IGNORANCE.

THE GLOBAL FLOOD OF NATIONAL GEOGRAPHIC MAGAZINE

It began with the discovery of a new isotope of the element, Carbon. This new Carbon isotope was assigned to form Carbon Dioxide molecules in the global atmosphere. This atmospheric Carbon Dioxide produced a Global Warming, but not by itself. Atmospheric water vapor was a co-participant. The Earth had no ice in the Polar Regions. There was no snowfall (there may have been exceptions on mountaintops). Earth had a cloud canopy of unimaginable proportions. The dew point and precipitation were outside the parameters...until the parameters changed!!!

“Something” changed the parameters. Possibly, a super-volcano erupted in the Gulf of Mexico whose caldera is evident and studied by modern scientists (the alleged Asteroid Impact Crater). That would have lowered the ambient atmospheric temperature by a few degrees. Possibly, Dr. Frank’s *ICE METEORS* brought a heavy load of the Extra-terrestrial Water Supply. That would have raised the relative humidity. “Something” changed the parameters and triggered precipitation - Globally, Worldwide and Apocalyptic in scale. The cloud canopy emptied.

Falling water molecules “scrubbed” the molecules of Carbon Dioxide from the atmosphere. Incredibly, it was heavy rainfall from the “waters above”. When it was over, the cloud canopy was a remnant of its former self. The Sun was shining upon the surface of the Earth for the first time and a strange sight was seen in the clouds – a prism which formed an arc.

This is a scenario from the cover article of the October 2011 issue of the National Geographic Magazine. *“Hot House Earth – When the World Had No Ice”*.

When this Global Rain Event of Apocalyptic Proportions occurred can be debated but, one issue cannot be debated. It happened suddenly and it transformed Earth’s physical nature. It happened suddenly and it established new parameters. It happened suddenly and it ended after a short duration. It happened suddenly and there were physical consequences.

Thank you, National Geographic Magazine, for the scientific reporting from individuals who were NOT advancing a Creationist agenda. This scientific reporting cannot be censored by alleged “Church-State” separation. What next, Genetics?

<https://www.nationalgeographic.com/magazine/2011/10/hothouse-earth>

John Roach 12-06-2019

GALILEO AND HIS TELESCOPE

A child with a 4-H calf is not a Beef Rancher. A suburbanite with a potted tomato plant is not a Tomato Producer. Galileo with his telescope was not an Astronomer. Galileo made Astronomical discoveries with his telescope. It is being falsely reported that these discoveries established the empirical data and physical evidence that “proved” the Copernican Model of Heliocentricity. A certain Ph.D., who blogs from Australia, gleefully affirms this widely believed fiction. Approximately 50% of the Internet Websites propagate this nonsense. When did the grownups leave the building, anyway?!?

It begs the question –what did Galileo see through his famous telescope? First, he saw the surface of the Moon. The inhabitants of the Moon had erected a billboard, “Physical Evidence of the Copernican Model of Heliocentricity”. Galileo invited his critics to view his billboard, but they demurred. Secondly, he saw the satellite moons of Jupiter. These moons telegraphed in Morse Code the message, “Physical Evidence of the Copernican Model of Heliocentricity”. Again, Galileo invited his critics to peer through his telescope, but they demurred, again. Finally, Galileo saw the planet Venus exhibit behavior similar to Earth’s Moon. Galileo saw the Phases of Venus. Surely, this sight would convince his critics! But, his critics demurred a third time.

Curiously, Valentin Naboth had written assertions decades that proposed “satellites”. He proposed exactly the same idea as Heraclides of Pontus (387 B.C. – 310 B.C.). Heraclides assigned a “Heliocentric” nature to mercury and Venus...and a “Geocentric” nature to the Sun. Nilakantha Somayaji of the Kerala School of Astronomy and Mathematics of India in 1500 A.D. “expanded” the 1000 year-old Aryabhata Model of 500 A.D., which assigned the Sun to the actual center and the Earth to the “eccentric” center of the circling planets.

Nilakantha Somayaji “inherited” the rotating Earth from Aryabhata. Aryabhata’s Model was neither Geocentric nor Heliocentric in regards to the Earth’s relationship to the Sun. Nilakantha Somayaji “nudged” the Sun to circle the rotating Earth and the model became the proto-Tychonian Model when it reached Europe shortly afterwards. The satellite moons of Jupiter are inconsequential by comparison.

What did Galileo “see”? He saw that the surface of the Moon was not perfectly smooth. Instead, the surface had craters and mountains. This is physical evidence for Heliocentricity?

Galileo saw the planet Venus exhibit features that is exactly the features of the Earth’s Moon. This is physical evidence?!? Galileo saw the inconsequential satellite moons of Jupiter. This is physical evidence?!?

Yes! Physical evidence that confirmed Heraclides and Naboth! But, no one asked me before writing the scientific textbooks. NOT MY PROBLEM! MY OPPORTUNITY!

John Roach 12-06-2019

WE'RE NOT THAT SORRY, UNCLE ALBERT

We're so sorry, Uncle Albert

But we had to take your Relativity away.

We're so sorry, Uncle Albert

But the kettle's on the boil

And we're so easily called away.

We're so sorry, Uncle Albert

But the Total Solar Eclipse is being reviewed.

We're so sorry, Uncle Albert

But your credibility will not be renewed.

We're so sorry, Uncle Albert

But it seems that you plagiarized.

We're so sorry, Uncle Albert

But Theoretical Physics has been too long paralyzed.

We're so sorry, Uncle Albert

But we're glad that Minerva got her due.

You kept the Nobel Prize of 1921

But Minerva got the million dollars meant for you.

**We're so sorry, Uncle Albert
But you will become the Butt of Jokes.**

**We're so sorry, Uncle Albert
But you yourself chose from a variety of yokes.**

**We're so sorry, Uncle Albert
But they named a sociopathic disorder after you.
We're so sorry, Uncle Albert
But the psychologists aren't even nearly through.**

**We're so sorry, Uncle Albert
But you presented the disorder so well.
We're so sorry, Uncle Albert
But if you know what to look for, it's so easy to tell.**

**We're so sorry, Uncle Albert
But you've done nothing but to cause us pain
We're so sorry, Uncle Albert
But there's no one left at home
and I believe it's gonna rain.**

SEARCH "NEGATIVE STELLAR PARALLAX"

-Adsabs.harvard.edu/full/1943AnDea...4...1L

O.J. Lee 1943

-<https://www.AAndA.org/articles/AA/full/2007/41/AA8357-07/AA8357-07.html>

F. van Leeuwen 2007

-<https://physics.stackexchange.com/questions/244645/negative-parallax>

-https://researchgate.net/figure/Example-of-negative-parallax-arising-from-the-astrometric-data-processing-solid-blue-fig_1_324776485/Amp

-The Determination of Stellar Parallax-jstor

D.L. Edwards 1926

-Determination of Stellar Parallax

H.N. Russell 1911

-<https://iopscience.iop.org/article/10.3847/1538-3881/AAcb21>

Cal Bailer-Jones 2018

-[Mighchels.wordpress.com/2015/01/01/heliocentricity-is-dead-there-is-no-stellar-parallax/Amp](https://mighchels.wordpress.com/2015/01/01/heliocentricity-is-dead-there-is-no-stellar-parallax/Amp)

-<https://www.theflatearthsociety.org/forum/index.php?topic=82117.0>

-[reddit.com/r/AlternativeAstronomy/comments/dgdosz/how_negative_stellar_parallaxes_were_swept_under/](https://www.reddit.com/r/AlternativeAstronomy/comments/dgdosz/how_negative_stellar_parallaxes_were_swept_under/)

-<https://www.freelists.org/post/geocentrism/Negative-parallaxes.1>

-<https://www.nature.com/articles/075234AO>

NATURE JOURNAL, published January 3rd, 1907, Researches in Stellar Parallax

Of these ninety-two stars, fifteen had a Negative Parallax and, presuming that, some of the...

John Roach 01-10-2020

GET A CLUE FROM THE STARS OF THE CONSTELLATIONS

The question before the Court is twofold: where is the Earth located and what is the Earth doing? Look to the stars of the constellations for these answers. Look at the movement of the “fixed stars”. These “fixed stars” display two movements: the diurnal (daily) movement and the annual (yearly) movement. The diurnal movement moves differently than the annual movement. Three distinct groups differentiate themselves by movement in the annual movement. Not so in the diurnal movement. In this distinction, we have our answers.

In this distinction, we discover two truths: the Earth is located medially on the Axis of Rotation of the rotating “fixed stars”, and the Earth is rotating daily on its vertical axis. The “fixed stars” are in actual movement. This is the Sidereal Year. The “fixed stars” are in virtual apparent-only movement. This is the daily rotation of the Earth (Heraclides of Pontus 350 B.C., Aryabhata of India 500 A.D.).

Ladies and Gentlemen, the rotating Earth is located medially on the Axis of Rotation of the fixed stars of the constellations. The question before the Court is to choose between the models of Heraclides of Pontus (387 B.C. – 310 B.C.) and Nilakantha Somayagi of Kerala, India (1444 A.D. – 1544 A.D.). To answer this question, we must look to the Sun. Both models predict better than the Copernican-Keplerian Model regarding the Solar Analemma.

Meanwhile, let’s abandon the present foolishness that passes for Astronomy. There is no Stellar Parallax, because 1/3 of the stars demonstrate negative parallax. Nicolaus Copernicus, Galileo, Johann Kepler, and American Astronomer Harlow Shapley led us astray. Henri Poincare, Hendrick Lorentz, Joseph Larmor, Max Von Lue, Max Abraham, and Albert Einstein led us astray with Special Relativity. The Nobel Prize Selection Committee of 1907 led us astray. Why? It was to protect the paradigm of Heliocentricity of Copernicus, Galileo, Kepler, and Newton. That is the message of Dr. Russell Arndts (deceased 2010 A.D.). To avoid the UNTHINKABLE, the theoretical physicists committed the UNTHINKABLE.

Get a clue people!

GOOD BYE BIG BANG THEORY,
HELLO JAMES CARTER'S UNIVERSE

Thank you, Einstein. Thank you, Hubble
Thank you all for your time and trouble.
Thank you, architects of Cold Dark Matter
Thank you for the rungs of the ladder.

Thank you, Lambda, the Cosmological Constant
Anti-Gravity but no unit of measurement.
Einstein's Biggest Blunder is back unchanged
Dark Energy by another name.

Thank you for the Model of Accelerated Expansion
But you forgot the consequential prediction.
The emergent inertial force is obvious
The Causal Agency for the Gravity to the clueless.

James Carter and the Pound-Rebka agree
Their accelerometers' results are plain to see.
Serendipity and Providence swing both ways
DENIERS and HATERS won't go away.

James Carter owns the Gravity Paradigm

An idea that is ahead of its time.

Toss Newton and Einstein onto the Dung heap

Take Universal Gravitation and bury it deep.

Unaware of the source and its reputation

Researchers are rediscovering the Circlon.

The geometric shape of the Torus

A smoke ring of action and focus.

The Leonardo da Vinci of our time

Margaret Wertheim's words, not mine.

In his spare time, he patented his invention

Air bags provide appreciated intervention.

Another Da Vinci Code to decipher

A different reality for the observer.

A horse led to water cannot be made to drink

Thomas Huxley implores you to think.

John Roach 01-15-2020

MALCOLM BOWDEN WAS RIGHT!
JAMES BRADLEY WAS WRONG!!!

In 1727, British Astronomer James Bradley “rediscovered” the Stellar Aberration that had been known for centuries by nautical mariners at sea, who must navigate at night by the stars of the constellations. However, that does not end the conversation.

In hindsight, Francois Arago’s “failed” experiment of 1810 failed to support the Corpuscular Theory of Light, by Isaac Newton, and confirmed the existence of the Stellar Aberration known as the Bradley Stellar Aberration of 1727. Nothing more. It did not “fail” to detect the rotation of the Earth, as some individuals have claimed in the past and are claiming in the present (and will continue to claim in the future).

Complicating the matter in 1818 was Augustin Fresnel’s comments on the alleged Bradley Stellar Aberration. Fresnel accepted the Bradley version because he was probably ignorant of the centuries-old paradigm of the nautical mariners’ navigation system. Fresnel proposed a “DRAGGING” of the hypothetical Light-Medium as the Earth rotated.

Independently, around 1850, Hippolyte Fizeau and Leon Foucault seemed to confirm Fresnel in 1818. Fizeau and Foucault achieved an effect which altered the velocity of Light. They could add to the velocity and they would slow down the velocity. This is known as the FIZEAU EFFECT OF LIGHT. This effect was achieved by water in motion. (Then, they measured the velocity of Light in atmospheric conditions.) And, it gave the Theoretical Physicists nightmares and indigestion. Already, the DOPPLER EFFECT OF LIGHT was being denied by these “men of Science”. They were not shy about publishing scientific journals regarding the “HOAX” of the Doppler Shift. About the FIZEAU EFFECT, they keep silent. How can one argue against empirical data?

In 1871, Royal Astronomer George Airy fused together the “failed” Arago Experiment of 1810 and the “wildly successful” experiments of Fizeau and Foucault of 1850. Airy filled his telescope with water. It is recorded as a “failed” experiment. Some individuals claim that Airy’s failure “proved” that the Earth is flat. Other individuals claim that Airy’s failure “proved” that the Earth is not rotating on its vertical axis. If anyone is counting, that is two “failures” against the Rotating Earth Hypothesis.

In 1881 and in 1887, Albert Michelson “failed” to detect the revolution of the Earth. In 1886, Michelson duplicated the “wildly successful” experiments of Fizeau and Foucault in 1850.

In 1913, Georges Sagnac “succeeded” by using a different design of the interferometer. In 1925, Michelson “succeeded” in the Michelson-Gale Experiment, but it was too late. The grownups had already left the building.

Let us return the conversation to the alleged Bradley Stellar Aberration of 1727. An experiment is proposed which will reconstruct the “failed” Airy Experiment of 1871, and then go beyond. A “control” will be added. Also, the telescope{s} – control and test – will be oriented in 360 degrees

laterally and in 180 degrees vertically. If “something is causing nothing” to happen, then let’s find it.

Twinkle twinkle little star
How I wonder where you are.
Which aberration am I seeing?
Which paradigm am I believing?
As you rotate in the Diurnal Movement
Only to return for tomorrow night’s engagement.

Twinkle twinkle little star
Like the Ram’s Horn shofar.
Directing our eyes to the silent witnesses
Who cannot lie in their processes
Uninterrupted since Time began.
Lessons to be taught to Mortal Man.

Twinkle twinkle little star
We view you from afar.
Your constellation moves in a clockwork rhythm
The Cosmos resembles a rolling drum.
From this movement, three groups appear
The Sidereal Year that we hold as dear.

Twinkle twinkle little star
How I wonder where you are.
Distance reckoning is idle speculation
Hertzprung and Russell proved in publication.
I can guarantee that you won’t get lost
In the alleged random Anisotropic Holocaust.

Internet reference to Malcolm Bowden:
mbowden.info/index.htm

THE BESSEL STELLAR ABERRATION:

Formerly the Bessel Stellar Parallax

Famously, the critics of the Copernican Model of Heliocentricity noted that such a model “predicts” Stellar Parallax. **Famously**, James Bradley thought that he had discovered a star that displayed Stellar Parallax in 1727. This is the Bradley Stellar Aberration and, although not the Stellar Parallax, is worthy of further study. **Famously**, Friedrich Bessel discovered the first star with a unique aberration which became **famously** ascribed to be the much sought-after Stellar Parallax. The year was 1838. **Famously**, the Heliocentric Model had empirical data – physical evidence – to substantiate its hypothesis. **Embarrassingly**, the Stellar Parallax stars began to demonstrate “negative” parallax. ? What the Hell!?! Rather than inform the unwashed masses, the Oligarchy of Scientific Authority continued to lend political patronage to the Copernican – Keplerian Model of Heliocentricity. But, it is an “open secret” in some academic circles. The time is right for a coup. The time is right for a Scientific Revolution. Do we slavishly follow the Tychonian Model of the non-rotating and non-translating stationary Earth? Do we plead fealty and blind devotion to the obvious DEFAULT choice? No. There are options to pursue, models to test and to compare.

Four groups/individuals propose the standard non-rotating and non-translating stationary Earth of the Tychonian Model.

1. Dr. Gerardus Buow
2. Malcolm Bowden of the United Kingdom
3. Dr. Robert Sungenis and Dr. Robert Bennett
4. The co-authors of *Sin Embargo, No Se Mueve* of 2014

One individual has a stationary Earth model; he is Dr. Yasser Shaban, who was educated in Egypt.

It is possible to propose William Gilbert’s ROTATING GEOCENTRIC EARTH (1600 A.D.) and/or Nicolaus Reimers’ proto-Tychonian model with its rotating Earth (1600 A.D.), if only “champions” for these models would come forward to campaign. Medieval Islamic Astronomers were proposing the ROTATING GEOCENTRIC EARTH, also.

A champion from C.E.S.H.E. could emerge to propose the unique model of FATHER FERNAND CROMBETTE (1880 A.D. – 1970 A.D.) of a rotating Geocentric Earth that is translated through space at the “pace of a walking pedestrian”.

Simon Shack of Italy has a unique model which he calls “THE TYCHOS” of 2018. It seems to be a proto-Tychonian model of a rotating Earth which translates like the Crombette model. He has an EBook (assumedly in five languages), an Internet website, and a growing number of YouTube videos.

Hmm...so many choices. The Heliocentric Hypothesis is flawed beyond repair by AD HOC – pardon the expression – “Ptolemy’s Epicycles”, and the Astronomical/Cosmological model must “predict” the Sidereal Year (which the Heliocentric Model did predict until American Astronomer Harlow Shapley abandoned his dream of “yellow journalism” and chose Astronomy instead.)

? What’s that? There is another model to consider? Dear God, don’t tell me that it is the Aristotle/Ptolemy Model, Heaven forbid! It’s not? It is the model which Aristotle opposed? It “predicts” like the current Heliocentric Model, but only better? A rotating Earth? A “translating” Earth much faster than Crombette’s and Shack’s TYCHOS? Centralized like the Geocentric models? Say what? Earth’s Moon moves RETROGRADE to Earth’s rotation? Say what?!? Earth’s Moon is not a Natural Satellite?!? Mercury is the Natural Satellite of the Sun? The model that influenced Aristarchus of Samos (310 B.C. – 230 B.C.)??? The same Aristarchus that is cited by Nicolaus Copernicus?!?

This author – what does he say about the Bessel Stellar Aberration? Evidence that the fixed stars circle a geometric point in space? Just like our star, the Sun? Dear God, what is the name of the “champion” of the Neo-Heraclidean Model? John Roach? Never heard of him!

BLOWING IN THE WIND OF JOHANN KEPLER'S MISSED OPPORTUNITY

**How many times must the Moon eclipse the Sun
Moving from East to the West
Before we can see what is being showed?
And, how many times must the Lunar Eclipse
Begin the eclipse from the West
Before we realize what is being told?**

**And, how many times must the Sunrise move
Accelerating toward the Equinox
Before we can see the light of day?
And, how many times must the Sunset move
Decelerating from the Equinox
Before we can understand what's in play?**

**Yes, how many times must Venus be seen
All night long from Earth's Dark Side
Before we believe our lying eyes?
And, how many conjunctions with the outer planets
Or with the Moon at midnight
Before we see with "new" eyes?**

**How many times must the Star Charts be consulted
Just like before Copernicus was born
Before we realized that we've been fooled?
And, how many times must the Sidereal Year pass by
Just like before Harlow Shapley was born
Before we decide to be schooled?**

The answer, my friend, is blowing in the wind of Johann Kepler's Missed Opportunity.

THE STAR AND CRESCENT ASTRONOMICAL SOCIETY

Hear ye! Hear ye! Hear ye!

John Roach is pleased to announce the proposed chartering of the non-profit association that will be named - *The Star and Crescent Astronomical Society*. In addition to celebrating the famous internationally recognized astronomical conjunctions of the Moon and the planet Venus, the planet Venus will be enthusiastically observed from Dusk until Dawn among the constellations. Also, the conjunctions between the planet Venus and the “outer” planets of Mars, Jupiter, and Saturn will be noted as well.

As the planet Venus ascends to opposition (observed from the Earth’s dark side), comic relief will be provided by local public school Science teachers and by local college and university faculty members of the Physical Sciences to explain this “apparition” of Venus. “How, Earth-bound Observers can see the inferior planet Venus from Earth’s dark side when this apparition of Venus has ascended to opposition.”

Let’s face it, Neil Degrasse-Tyson and Bill Nye, The Science Guy, will scurry and hide as the cockroaches do runneth when the lights come on, or in this case, when Venus is in opposition and observed from Earth’s dark side.

ONCE MORE INTO THE BREACH, DEAR FRIENDS

“ONCE MORE INTO THE BREACH, DEAR FRIENDS, ONCE MORE, OR SEAL THE GAP WITH OUR ENGLISH DEAD.”

“Henry”

Henry V, Act III, Scene 1

William Shakespeare

Once more into the failures of Arago in 1810 and of Airy in 1871. Once more into the failures of Michelson in 1881 and 1887. Once more into the ignored Michelson-Gale of 1925. Once more into the heralded Pound-Rebka of 1949/1950. Once more, dear friends, once more.

Let us use the same microwave technology of satellite communication. Let us locate two mountain peaks at the same latitude and of the same elevation above sea level. (Stop me if this is being done routinely by cellular communication.) Let there be a constant frequency – digital or analog. To be consistent, let there be two transmitting signals: one to be digital and the other to be analog. Each tower “receives” the transmissions (digital and analog) of the other tower. Let the Earth rotate – if indeed the Earth does rotate. Let the ether wind blow across the surface of the Earth. If the Earth rotates, then this is the induced wind that Aristotle complained was absent. This is the Pound-Rebka at a different orientation – horizontal rather than vertical. This is Michelson and Morley in 1887 **WRIT LARGE. This is Michelson-Gale in 1925 confirmed and verified. This is the answer to Aristotle’s objection.**

“Wireless” communication requires a carrier frequency. I suspect that this THOUGHT EXPERIMENT is Standard Operating Procedure in radio transmission already. I suspect that the majority of well-paid professional electrical engineers have learned this scenario in their first week of employment for cellphone tower maintenance. If so, let them come forward. Oh, that’s right; I did say “well-paid”. Well, it was a good idea, anyway.

If the Earth “translates” in space as well as “rotates” on its vertical axis, then there will be a periodic daily aberration. Hmm...Electrical Engineer Karl Jansky did notice a periodic daily aberration in 1931. What do you suppose that was?

KARTIK CHANDRA PAUL

<https://www.scroll.in/magazine/901353/ONE-MANS-FOUR-DECADE-LONG-MISSION-TO-CONVINCE-KOLKATA-THAT-THE-SUN-REVOLVES-AROUND-THE-EARTH>

Film Director, Arijit Biswas and co-writer, Paramita Munshi, hired actor, Meghnad Bhattacharya, to portray K.C. Paul in the movie, SUN GOES AROUND THE EARTH.

Has anyone told K.C. PAUL – and – KOLKATA – about the “other” Geocentrists? Could someone please tell K.C. PAUL that he is not alone? Tell him about ARYABHATA and NILAKANTHA SOMAYAGI.

- 1. Father Fernand Crombette (1880-1970) France**
- 2. Dr. Russell Arndts (1935-2010) United States of America**
- 3. Gordon Bane (1932-2015) United States of America**
- 4. Malcolm Bowden, retired Civil Engineer, United Kingdom**
- 5. Dr. Yasser Shaban (1962-) International**
- 6. Dr. Gerardus Bouw (1944-) United States of America**
- 7. Dr. Robert Sungenis (1955-) United States of America**
- 8. Dr. Robert Bennett (1940-) United States of America**
- 9. Dr. Juan Carlos Gorostizaga Aguirre, Spain**
- 10. Dr. Milenko Bernadic Cvitkovic, Spain**
- 11. Simon Shack, Italy**
- 12. John Roach, United States of America, VIXRA.org Author**

John Roach 01-12-2020

“Houston, we’ve got a problem.”

WHAT COULD POSSIBLY GO WRONG

TO A MANNED SPECECRAFT

FROM EARTH TO MARS?

History warns us in the disasters of the Hindenburg, the Titanic and the Challenger. What could possibly go wrong...next? The Copernican-Keplerian Model of Heliocentricity places N.A.S.A. astronauts in extreme danger of a head-on collision with the Sun. The Sun is occupying a concentric circular trajectory between the Earth and Mars. The manned spacecraft must avoid Venus, also...and Mercury. So, go ahead. Don’t say that you weren’t warned.

In the Neo-Heraclides Model of Astronomy, the celestial bodies occupy concentric circular trajectories. Earth occupies the innermost concentric trajectory. It is rotating daily on its vertical axis (Heraclides of Pontus, Aryabhata of India, Nilakantha Somayagi, Nair al-Din al-Tusi, Ala al-Din Ali ibn Muhammed (Ali Qushji), Nicolaus Reimers of Prague, William Gilbert of England (1600 A.D.), Father Fernand Crombette (1880-1970), Kartik Chandra Paul of Kolkata, India (1942-) and Simon Shack of Italy (2018). The Earth is Geocentric and it revolves around a fixed point in space. The Geocentric Earth revolves in the innermost concentric trajectory. All of the celestial objects in this Earth System revolve in superior concentric trajectories with the exception of the natural satellites and the Rings of Saturn. Earth’s Moon is NOT a natural satellite of the Earth. Earth’s Moon occupies the most proximal superior concentric revolution. The next celestial object between the Earth and Mars is Venus. Venus is superior to Earth’s Moon and to the Earth and inferior to the Sun with its natural satellite, Mercury. Mars is superior to the revolving Sun.

N.A.S.A. is NOT cognizant of these risks that are involved in a manned mission to Mars. Perhaps a collision in outer space with a revolving celestial body is necessary? Surely, it will be a dramatic event!

“Houston, we’ve got a problem.”

“Go ahead, manned mission to Mars. This is Houston.”

“It seems that we are facing the Sun. Our forward-facing cameras reveal nothing but light.”

“Obviously an electronic malfunction. Disregard.”

The next day –

“Houston, this is the manned mission to Mars, come in.”

“You’ve got Houston. Go ahead.”

“The forward-facing cameras seem to be working now.”

“An electronic glitch. Possibly a shielding problem.”

“Houston, we have a bigger problem.”

“Go ahead.”

“A huge object is approaching.”

“An asteroid?”

“This asteroid has a cloud cover.”

“Keep us posted.”

The next day –

“Houston, this is the manned mission to Mars, come in.”

“You’ve got Houston. Go ahead.”

“The cameras reveal nothing but stars now. The asteroid with the cloud cover is gone.”

“Roger that. Keep us posted.”

Days later –

“Houston, this is the manned mission to Mars, come in.”

“You’ve got Houston. Go ahead.”

“The electronic glitch has returned. The forward-facing cameras are inoperative. The screens show nothing but blinding light.”

“Keep us posted.”

The next day –

“Manned mission to Mars. This is Houston, come in.”

(Silence)

The day afterward –

“Manned mission to Mars. This is Houston, come in.”

(Silence)

There is a myth in Ancient Greece. A man collected bird feathers and glued them to his body. With these, the man achieved flight. Then one day, this man flew too close to the Sun. His name was Icarus.

CROSSING THE RUBICON AND MARCHING ON ROME

-Dr. Russell Arndts-

Congratulations to the individuals in the arena, congratulations to the Warriors and to the Troops, congratulations to the Valiant and to the Honorable. Congratulations to the authors of Geocentricity. Let us recognize the authors who have passed on and no longer share this mortal soil with us and who have gone on that "undiscovered country (Hamlet)".

Father Fernand Crombette - "A French Catholic" (1880-1970).

Dr. Russell T. Arndts - *GEOCENTRICITY, RELATIVITY, AND THE BIG BANG*, 01-01-2008, (February 11-1935 - July 23-2010).

Gordon Harris Bane, *THE GEOCENTRIC BIBLE*, 01-01-2001, (August 03-1932 - January 01-2015).

Let us recognize a Warrior in the arena in India-
Kartik Chandra (K.C.) Paul, (1942 -)

Let us recognize the Geocentrist in the United Kingdom -
Malcolm Bowden, retired Civil Engineer.

Let us recognize the International Geocentrist -
Dr. Yasser Shaban, *VERSES OF DEUS*, 2010,
March 21, 1962 -)
www.versesofdeus.com/about1.html

Let us recognize the Director of the formerly-named Tychonian Society -
Dr. Gerardus Bouw, *THE GEOCENTRIC PRIMER*, 1999,
(1944? -)

Let us recognize the co-authors of, "Galileo was wrong, the Church was right" -
Dr. Robert Sungenis (1955 -) & Dr. Robert Bennett (1940 -).

Let us recognize the co-authors of *"Sin Embargo, No Se Mueve"*, 2014.
Dr. Juan Carlos Gorostizaga Aguirre & Dr. Milenko Bernadic Cvitkovic.

Let us recognize the author of the *TYCHOS*, 2018 -
Simon Shack

These are my "CRAZY" friends and colleagues among whom I, John Roach, proudly associate with. Our models are INCOMPLETE, but not WRONG.

The worst Geocentric model is better than the current Heliocentric Model and all of us agree - despite our differences - that Heliocentrism is PSEUDOSCIENCE, and, look at the polls and surveys - THE TRUTH WILL WIN OUT! More people are RISING UP AND BEING COUNTED!

(1.) <https://www.npr.org/sections/the-two-way/2014/14/277058739/1-in-4> Americans-think-the-Sun-goes-around-the-Earth-survey-says

(2.) <https://www.discovermagazine.com/the-sciences/new-survey-1-in-4> Americans-believe-the Sun-revolves-around-the-Earth

(3.) <https://www.google.com/amp/s/uk.mobile.reuters.com/article/amp/idUKTRE71A5B920110211> (One in three Russians...)

(4.) <https://rationalwiki.org/wiki/form:Geocentrism> (Survey says 20% of Americans...)

(5.) <https://news.gallup.com/poll/3742/new-poll-gauges-Americans-general-knowledge-levels.aspx>

(6.) <https://www.mentalfloss.com/article/88653/8-weirdest-gallop-polls>

(7.) www.gpmedia.com (According to 2011 VTSIOM Poll, 32% of Russians...)

(8. https://evolutionnews.org/2007/09/the_French_reject_prayer_while/

(56% of the French audience thought the Geocentric Model of the Solar System was correct.)

(9.) <https://www.discardedimage.com/?p=6993> (but a 1999 Gallup found that 18% of Americans held to Geocentrism. In 2011, a survey of Russians found that 32% were Geocentrists.)

(10.) <https://www.researchgate.net/post/>

We_All_Agree_the_Solar_System_is_Heliocentric_don't_we (...opinion polls in countries including Germany, the United States, and the United Kingdom show about 1-in-5 or 1-9 people...)

Plato

THE ALLEGORY OF THE CAVE

Republic, VII
514 a, 2 to 517 a, 7

Translation by Thomas Sheehan

THE ALLEGORY OF THE CAVE

SOCRATES: Next, said I [= Socrates], compare our nature in respect of education and its lack to such an experience as this.

PART ONE: SETTING THE SCENE: THE CAVE AND THE FIRE

The cave

SOCRATES: Imagine this: People live under the earth in a cavelike dwelling. Stretching a long way up toward the daylight is its entrance, toward which the entire cave is gathered. The people have been in this dwelling since childhood, shackled by the legs and neck. Thus they stay in the same place so that there is only one thing for them to look at: whatever they encounter in front of their faces. But because they are shackled, they are unable to turn their heads around.

A fire is behind them, and there is a wall between the fire and the prisoners

SOCRATES: Some light, of course, is allowed them, namely from a fire that casts its glow toward them from behind them, being above and at some distance. Between the fire and those who are shackled [i.e., behind their backs] there runs a walkway at a certain height. Imagine that a low wall has been built the length of the walkway, like the low curtain that puppeteers put up, over which they show their puppets.

The images carried before the fire

SOCRATES: So now imagine that all along this low wall people are carrying all sorts of things that reach up higher than the wall: statues and other carvings made of stone or wood and many other artifacts that people have made. As you would expect, some are talking to each other [as they walk along] and some are silent.

GLAUCON: This is an unusual picture that you are presenting here, and these are unusual prisoners.
SOCRATES: They are very much like us humans, I [Socrates] responded.

What the prisoners see and hear

SOCRATES: What do you think? From the beginning people like this have never managed, whether on their own or with the help by others, to see anything besides the shadows that are [continually] projected on the wall opposite them by the glow of the fire.

GLAUCON: How could it be otherwise, since they are forced to keep their heads immobile for their entire lives?

SOCRATES: And what do they see of the things that are being carried along [behind them]? Do they not see simply these [namely the shadows]?

GLAUCON: Certainly.

SOCRATES: Now if they were able to say something about what they saw and to talk it over, do you not think that they would regard that which they saw on the wall as beings?

GLAUCON: They would have to.

SOCRATES: And now what if this prison also had an echo reverberating off the wall in front of them [the one that they always and only look at]? Whenever one of the people walking behind those in chains (and carrying the things) would make a sound, do you think the prisoners would imagine that the speaker were anyone other than the shadow passing in front of them?

GLAUCON: Nothing else, by Zeus!

SOCRATES: All in all, I responded, those who were chained would consider nothing besides the shadows of the artifacts as the unhidden.

GLAUCON: That would absolutely have to be.

PART TWO:
THREE STAGES OF LIBERATION

FREEDOM, STAGE ONE

A prisoner gets free

SOCRATES: So now, I replied, watch the process whereby the prisoners are set free from their chains and, along with that, cured of their lack of insight, and likewise consider what kind of lack of insight must be if the following were to happen to those who were chained.

Walks back to the fire

SOCRATES: Whenever any of them was unchained and was forced to stand up suddenly, to turn around, to walk, and to look up toward the light, in each case the person would be able to do this only with pain and because of the flickering brightness would be unable to look at those things whose shadows he previously saw.

Is questioned about the objects

SOCRATES: If all this were to happen to the prisoner, what do you think he would say if someone were to inform him that what he saw before were [mere] trifles but that now he was much nearer to beings; and that, as a consequence of now being turned toward what is more in being, he also saw more correctly?

The answer he gives

SOCRATES: And if someone were [then] to show him any of the things that were passing by and forced him to answer the question about what it was, don't you think that he would be a wit's end and in addition would consider that what he previously saw [with his own eyes] was more unhidden than what was now being shown [to him by someone else].

GLAUCON: Yes, absolutely.

Looking at the fire-light itself

SOCRATES: And if someone even forced him to look into the glare of the fire, would his eyes not hurt him, and would he not then turn away and flee [back] to that which he is capable of looking at? And would he not decide that [what he could see before without any help] was in fact clearer than what was now being shown to him?

GLAUCON: Precisely.

FREEDOM, STAGE TWO

Out of the cave into daylight

SOCRATES: Now, however, if someone, using force, were to pull him [who had been freed from his chains] away from there and to drag him up the cave's rough and steep ascent and not to let go of him until he had dragged him out into the light of the sun...

Pain, rage, blindness

SOCRATES: ...would not the one who had been dragged like this feel, in the process, pain and rage? And when he got into the sunlight, wouldn't his eyes be filled with the glare, and wouldn't he thus be unable to see any of the things that are now revealed to him as the unhidden?

GLAUCON: He would not be able to do that at all, at least not right away.

Getting used to the light

SOCRATES: It would obviously take some getting accustomed, I think, if it should be a matter of taking into one's eyes that which is up there outside the cave, in the light of the sun.

Shadows and reflections

SOCRATES: And in this process of acclimitization he would first and most easily be able to look at (1) shadows and after that (2) the images of people and the rest of things as they are reflected in water.

Looking at things directly

SOCRATES: Later, however, he would be able to view (3) the things themselves [the beings, instead of the dim reflections]. But within the range of such things, he might well contemplate what there is in the heavenly dome, and this dome itself, more easily during the night by looking at the light of the stars and the moon, [more easily, that is to say,] than by looking at the sun and its glare during the day.

GLAUCON: Certainly.

FREEDOM, STAGE THREE: THE SUN

Looking at the sun itself

SOCRATES: But I think that finally he would be in the condition to look at (4) the sun itself, not just at its reflection whether in water or wherever else it might appear, but at the sun itself, as it is in and of itself and in the place proper to it and to contemplate of what sort it is.

GLAUCON: It would necessarily happen this way.

Thoughts about the sun: its nature and functions

SOCRATES: And having done all that, by this time he would also be able to gather the following about the sun: (1) that it is that which grants both the seasons and the years; (2) it is that which governs whatever there is in the now visible region of sunlight; and (3) that it is also the cause of all those things that the people dwelling in the cave have before they eyes in some way or other.

GLAUCON: It is obvious that he would get to these things -- the sun and whatever stands in its light -- after he had gone out beyond those previous things, the merely reflections and shadows.

Thoughts about the cave

SOCRATES: And then what? If he again recalled his first dwelling, and the "knowing" that passes as the norm there, and the people with whom he once was chained, don't you think he would consider himself lucky because of the transformation that had happened and, by contrast, feel sorry for them?

GLAUCON: Very much so.

What counts for "wisdom" in the cave

SOCRATES: However, what if among the people in the previous dwelling place, the cave, certain honors and commendations were established for whomever most clearly catches sight of what passes by and also best remembers which of them normally is brought by first, which one later, and which ones at the same time? And what if there were honors for whoever could most easily foresee which one might come by next?

What would the liberated prisoner now prefer?

SOCRATES: Do you think the one who had gotten out of the cave would still envy those within the cave and would want to compete with them who are esteemed and who have power? Or would not he or she much rather wish for the condition that Homer speaks of, namely "to live on the land [above ground] as the paid menial of another destitute peasant"? Wouldn't he or she prefer to put up with absolutely anything else rather than associate with those opinions that hold in the cave and be that kind of human being?

GLAUCON: I think that he would prefer to endure everything rather than be that kind of human being.

PART THREE:
THE PRISONER RETURNS TO THE CAVE

The return: blindness

SOCRATES: And now, I responded, consider this: If this person who had gotten out of the cave were to go back down again and sit in the same place as before, would he not find in that case, coming suddenly out of the sunlight, that his eyes ere filled with darkness?"

GLAUCON: Yes, very much so.

The debate with the other prisoners

SOCRATES: Now if once again, along with those who had remained shackled there, the freed person had to engage in the business of asserting and maintaining opinions about the shadows -- while his eyes are still weak and before they have readjusted, an adjustment that would require quite a bit of time -- would he not then be exposed to ridicule down there? And would they not let him know that he had gone up but only in order to come back down into the cave with his eyes ruined -- and thus it certainly does not pay to go up.

And the final outcome:

SOCRATES: And if they can get hold of this person who takes it in hand to free them from their chains and to lead them up, and if they could kill him, will they not actually kill him?

GLAUCON: They certainly will.

End