

Research Paper: (20120622):

A Science Graduate can understand claimed discovery.

Are calculated mean-densities of the planets correct?

Here in this research paper calculated mean-densities of the planets Mercury and Venus only; whereas mean-density of the planet Earth derived from practical measurement and that is correct.

PART-1: Flash Information

Calculated mean-densities of the planets (Mercury and Venus) as compared with practically measured correct mean density of the Earth are wrong and false by ignoring thrust/push effect to the planets by the blow of solar-ejects*, which keeps the planet further away from the Sun than the planet is away from the Sun by the centrifugal force.

Said discovery is in fact by you (Science Community) and not by the Challenger: Discoverer has never peeped through a telescope but **the Computed result** got by the Discoverer is from your's (Scientists') own accumulated thousands of new discoveries/findings over a span of 400 years by your own framed scientific laws of the subject Physics, which have proved your own 400 years old speculation (theory) over '**Calculated mean-densities of the planets (other than the Earth)**' as wrong and false. Discovery that what is correct over the said subject is in fact not by the Challenger but it is by the Science Community. Since the release of discovery claim (April 7, 2007); Concerned scientists are unable to understand even a very simple law of Physics due to the **prejudice mind-set from centuries**.

***Solar-ejects:** What so ever the Sun releases into the space in the form of solar-wind, solar radiation, rays of all kinds, particles (charged/uncharged) and gases etc by losing its mass 4,200,000,000 tons **per second** that all is solar-ejects.

Some facts known to the Scientists, which has been taken from the Internet as exhibited ahead:

As per the Scientists'(Astronomers') findings: (i) Blow of **solar- ejects** (solar-wind and radiation pressure etc) has virtually stripped off atmosphere of the Mercury; (ii) Mars is larger than Mercury and four times farther from the Sun, and yet even it is thought that the solar-wind has stripped away up to a third of its original atmosphere and (iii) High blow of solar-ejects have formed long tails of millions of Kilometer from the atmosphere and stringy things with the Mercury and Venus.

Trillions Volts shocking experiment visualized inside:

(i) Venus is of smaller size and also has lower calculated mean-density than the Earth thus gravity of the Venus is much lesser than the Earth; (ii) Presume, if we take a replica of our planet Earth at the orbit of the Mercury; most part of its atmosphere would be stripped off by the high blow of solar-ejects (solar-wind and radiation pressure etc). Now take another replica of the planet Earth to the orbit of the Venus; some part of the atmosphere must be lost; irrespective of stating any quantum.

Now if replica planet Earth of greater mean-density 5.52gm/cm^3 by having bigger diameter (thus with **greater gravity**) than the Venus can not hold its atmosphere, which is just a one hundredth ($1+100$) atmosphere of the Venus; then how planet Venus is holding so much quantum of atmosphere with low gravity i.e., by having lower calculated mean-density (5.25gm/cm^3) and also by having smaller diameter than the Earth?

Please give answers to queries in 'Yes' or 'No' as stated below over Objective Type Questionnaire (OTQ-2):

1 **Venus** by holding 100 times more atmosphere than the Earth against thrust/push by the blow of solar-ejects has proved that calculated mean-densities of the planets are wrong and false.

● **Discovery observation query:** How smaller Venus with lower mean density (by the following features) is holding so much atmosphere; which is 100 times more than the atmosphere of the Earth in spite of facing great thrust by the blow of solar-ejects?

● **Features:**

Venus: Mean density 5.25gm/cm^3 ; Diameter: 12104KM and Mass: 0.815 Earth mass units.

Earth: Mean density 5.52gm/cm^3 ; Diameter: 12756KM and Mass: 1 Earth mass unit.

● **Discovery claim:** By very simple laws of Physics pertaining to **Matriculate**; Venus by the said features can not hold atmosphere even what the Earth is holding; Quantum of the atmosphere, which the Venus holds; confirms that **real** mean-density of the Venus is much greater than the Earth. So, calculated mean-density of the Venus, thus of the planets (or celestial-bodies) by ignoring thrust/push factor by the blow of solar-ejects are wrong and false.

● **Query to give answer:** Is the above said discovery claim fact correct?

(Please tick or cross) Correct Or Wrong

If your answer is 'No' (wrong); please explain by which PhD Physics law it is so?

2 **Mercury** by staying very close to the Sun than the Earth against thrust/push by the blow of solar-ejects has proved that calculated mean-densities of the planets are wrong and false.

● **Discovery observation query:** How small Mercury of **lower mean-density** (by having the following features) is nearer to the Sun than the big Earth to face extreme blow (thrust) from the Solar-ejects?

● **Features:**

Mercury: Mean density 5.42gm/cm^3 ; Diameter: 4478KM and Mass: 1/18 of the Earth.

Earth: Mean density 5.52gm/cm^3 ; Diameter: 12756KM and Mass: 18 times of the Mercury.

● **Discovery claim:** By very simple laws of Physics pertaining to **Matriculate**, Mercury by the said features can not be nearer to the Sun; unless it has much more real mean density than the Earth. (Mercury with mean-density 5.42gm/cm^3 would be far away from the Earth, near to the Mars). So, calculated mean-density of the Mercury thus of the planets (or celestial-bodies) by ignoring thrust/push factor by the blow of solar-ejects are wrong and false.

● **Query to give answer:** Is the above said discovery claim fact correct?

(Please tick or cross) Correct Or Wrong

If your answer is 'No' (wrong); please explain by which PhD Physics law it is so?

Name:

Address:

E-mail:

..... ← (Please sign here)
..... ← (Date)

Note: Flash Information (explanation) over the said discovery claim has been given ahead (over attached remaining pages (page 2 to 6) or see in the enclosed CD or see it over the website: www.newtonugeam.com in PART-A under title: MATERIALISTIC UNIVERSE).

Please get a Photostat copy of this page (title page) and post it duly signed to come at the conclusion that what is correct; what the World knows or what the Discoverer/Challenger has claimed.

Are calculated mean-densities of the planets correct?

Note: Information on this [page-2](#); is **an eye opener and mind-set breaker** to make understand stated discovery and also all other thousands and thousands similar discovery claims over other phenomena and facts related to basics of Astronomy; states of the matter and Rays of all kinds pertaining to subjects Physics.

Thrust/push magnitude by the blow of solar-ejects (solar-wind and radiation pressure etc) over the planets have been ignored thus calculated mean densities of the planets are wrong and false (mean-density of the Earth is correct because it has been derived from practical measurement of its mass).

Planets (Mercury, Venus and Earth) on being closer to the Sun have shown magnifying effect by the blow of solar ejects thus have proved with ease as said above. Two different versions to prove understanding with the World as wrong and false have been adopted.

(1) **Quantum to hold atmosphere by the planets (Mercury, Venus and Earth) because of their sizes/ diameters and densities against blow of solar-ejects and**

(2) **Sequence of the planets (Mercury, Venus and Earth) from the Sun by the blow of solar ejects and because of their sizes/ diameters and densities.**

Calculated and real mean-densities of the planets:

Mass of any one planet has to be measured practically to calculate mass (thus mean-density) of every other planet by the known laws over planetary motion. Mass of the Earth has been practically measured and by knowing diameter of the Earth its mean-density was known. One factor i.e., distance of the planet from the Sun among some other data informations are required to calculate mean-density of the planet. Distance of the planet from the Sun is not only by the centrifugal force as the World understands but a planet is further away from the Sun due to the thrust/push by the blow of solar-ejects*. So, by ignoring this thrust/push factor, calculated mean-densities of the planets are wrong and false.

History reveals the truth:

Planetary laws, which the Experts (World) still accept; most basic laws over Astronomy and also over States of the matter have been defined and accepted as correct around 17th century. Among these said laws, most of the laws have come from Galileo (1564-1642), Kepler (1571-1630) and Newton (1643-1727). For Example: Kepler's laws of planetary motion and also Newton's Laws of planetary motion.

Both the said basic laws over Astronomy along with any other basic laws over working mechanism of solar/planetary system have been framed and understood by understanding Sun-rays as only energy. It was understood at that time that rays of the Sun have no blowing or thrust effect over the objects/planets in the solar-system. Also in 17th century, Experts did not know about anything coming out of the Sun, like solar-wind or solar-radiation pressure. From 17th century and prior of 1859, there is no reference in the history that any Expert had ever thought of any matter (particles) flowing outward from the Sun, which has blowing effect. After 1942, Experts came to know from the direction of tail of the comet that matter (particles) flowing outward from the Sun have blowing effect over the matter (matter which forms the long tail of comet). Recently, Scientists have come to know that blow of solar-ejects* forms long tail of millions of KM long with the planets (Mercury and Venus).

Discovery that calculated mean densities of the planets are wrong and false is by you (Science Community)?

Said discovery is in fact by you (Science Community) and not by the Challenger: Discoverer has never peeped through a telescope but **the Computed result** got by the Discoverer is from your's (Scientists') own accumulated thousands of new discoveries/findings over a span of 400 years by your own framed scientific laws of the subject Physics, which have proved your own 400 years old speculation (theory) over '**Calculated mean-densities of the planets (other than the Earth)**' as wrong and false. Discovery that what is correct over the said subject is in fact not by the Challenger but it is by the Science Community.

A unique blunder by the mind-set of the Science-Concerneds:

Mind-set of the Science Concerneds from the last more than

400 years has surfaced a unique fact over the **understanding pattern**** of the Scientists that simple laws of Physics by seeing the results physically of a practical over the Earth (and because of feeling the gravity and also by feeling the thrust/push over self) have been understood by them (the Science-Concerneds) as correct but the same laws of Physics by not feeling the gravity and thrust from the Sun and also by not seeing the results physically of the phenomena over or by the Sun in the solar-system have been understood the other way.

Example:

Physics' very simple laws over thrust/push to objects vertically over the surface of Earth by the blow/flow of gases/liquids/fluids against gravity of the Earth; over the globe (Earth) have been understood by the Science Concerneds to behave the Natural scientific-way (i.e., correctly). Sketches over the practical with the results are over the next page.

BUT

The same Physics laws over thrust/push to the planets vertically **over the surface of the Sun***** by the blow of solar-ejects* against gravity of the Sun; in the solar system have been understood by the Science Community to behave as per the whims (not the Natural scientific-way) of the Scientists (Astronomers/Astrophysicists/Cosmologists and Physicists etc), (i.e., wrongly and falsely). Sketches over the phenomenon by the blow of solar-ejects with the results are over the next page.

The said fact (Example) is true and it is by the mind set with the Science Concerneds from more than 400 years (from the day planetary laws were framed and accepted). Further, the said fact is still true up to date; though the World (Scientists) called themselves as passing through the Modern Science age of **super computers****** with super tech devices and with the academic (book-worms) super-brains. Said all wrongs are going on by the **mind-set** of the Science Concerned and by some other **bitter-truth** reasons with the Science Concerneds.

And with another very simple reason that over the Earth a common person can pin-point wrongs of the Science Concerneds but in space or in the solar system, common person have no means to verify that what the Concerned Scientists' say/understand; common person have no option except to accept their said understanding like a verdict from the God/Religious-head. It was true some decades ago; but now any (Science Concerned or even a common person) by the simple Physics laws can understand without peeping through the telescope that what is correct by knowing and computing the information gathered by the Scientists over the challenged subject. Illustration given over the said research paper by the Discoverer/Challenger proves that what the Scientists understand from the last 400 years over the subject 'calculated mean densities of the planets (except the Earth)' that all is wrong and false.

***solar-ejects:** What so ever the Sun releases into the space in the form of solar-wind, solar radiation, rays of all kinds, particles (charged/uncharged) and gases etc by losing its mass 4,200,000,000 tons **per second** that all is solar-ejects*.

****Understanding pattern:** Understanding-pattern with the Scientists (particularly over the challenged subjects) is similar to blind-understanding by the followers of a Religion. Because of the heartily respect given to the Past-era Religious-head(s); the Religious followers (or Religious Community) never attempt to go deep into the saying (irrespective of the fact/truth); even knowing the wrongs they ignore it. Similarly the Science-Community behaves over the past-era understanding given to them by the **Respected past-era Scientists**. Every Science Concerned (particularly over the challenged subjects) is blindly following their (Past-era Scientists) understanding irrespective of the fact. We all human from millenniums are reeling under the banner of Religions. No one among the Science Community has ever given a thought that the challenged subject is not the Religious verdict but it is Science. By blindly following the past era Science understandings, like Religious-verdicts, we human would go extinct without even knowing correctly that what spins the Earth, our Mother Earth).

*****Over the surface of the Sun:** By presuming yourself as over the surface of the Sun, like over the Earth.

******Super computer:** Super computer can not compute gathered information on it's own, like human brain; it has to be fed with the



(1) Quantum to hold atmosphere by the planets (Mercury, Venus and Earth) because of their sizes/diameters and densities against blow of solar-ejects:

Repeat of the information already given to have link of information given ahead:

As per the Scientists' (Astronomers') findings:

- (i) Blow of **solar- ejects** (solar-wind and radiation pressure etc) has virtually stripped off atmosphere of the Mercury.
- (ii) Mars is larger than Mercury and four times farther from the Sun, and yet even it is thought that the solar-wind has stripped away up to a third of its original atmosphere.
- (iii) High blow of solar-ejects have formed long tails of millions of Kilometer from the atmosphere and stringy things with the Mercury and Venus. (Said information taken from the Internet has been exhibited below:

World's Information: From Internet June 2012 Wikipedia, encyclopedia.

Atmospheres

The solar wind affects the other incoming cosmic rays interacting with the atmosphere of planets. Moreover, planets with a weak or non-existent magnetosphere are subject to atmospheric stripping by the solar wind.

Venus, the nearest and most similar planet to Earth in our Solar System, has an atmosphere 100 times denser than our own, with little or no geo-magnetic field. Modern space probes have discovered a comet-like tail that extends to the orbit of the Earth.

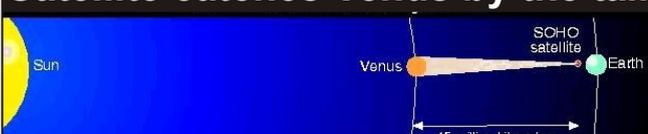
.....Mars is larger than Mercury and four times farther from the Sun, and yet even here it is thought that the solar wind has stripped away up to a third of its original atmosphere, leaving a layer 1/100th as dense as the Earth's.....

Planetary surfaces

Mercury, the nearest planet to the Sun, bears the full brunt of the solar wind, and its atmosphere is vestigial and transient, its surface bathed in radiation.

From Internet June, 2011: thunderbolts.info

Satellite catches Venus by the tail



Tail of Venus: credit Jeff Hecht, New Scientists Magazine May 31, 1997.

Venus' Tail of the Unexpected

Data taken from the Internet:

- Diameter of the Earth: 1 Earth dia unit
- Diameter of the Venus: 0.949 Earth dia unit
- Mass of the Earth: 1 Earth mass unit
(as per its correct mean density 5.52gm/cm³)
- Mass of the Venus: 0.815 Earth mass units
(as per calculated mean-density 5.25gm/cm³)

- Calculated mass of the Venus, if the Venus had have mean-density 5.52, 6, 7 or 8 gm/cm³

Density 5.52gm/cm ³	0.855 Earth mass units
Density 6.00gm/cm ³	0.929 Earth mass units
Density 7.00gm/cm ³	1.084 Earth mass units
Density 8.00gm/cm ³	1.239 Earth mass units

Note: Calculations done by the Challenger over supposed mean-densities of the Venus are over the **PART-2 (Additional Information)**.

Some known facts:

- Quantum of the atmosphere over a planet relates to the gravity of the planet and magnitude of the blow by the solar-ejects. Gravity of the planet, relates to the mass of the planet and mass of the planet related to mean-density of the planet.
- Planet Venus is of smaller diameter than the Earth but it is having 100 times more atmosphere than the Earth.

Explanation:

Presume, if we take a replica of our planet Earth at the orbit of the Mercury; most part of its atmosphere would be stripped off by the high blow of solar-ejects (solar-wind and radiation pressure etc). Now take another replica of the planet Earth to the orbit of the Venus; some part of the atmosphere must be lost; irrespective of stating any quantum.

Conclusion:

If replica planet Earth of greater mean-density 5.52gm/cm³ by having bigger diameter (thus with **greater gravity**) than the Venus can not hold its atmosphere, which is just a one hundredth (1+100) atmosphere of the Venus; than how planet Venus is holding so much quantum of atmosphere with low gravity i.e., by having lower calculated mean-density (5.25 gm/cm³) and also by having smaller diameter than the Earth? Would you please explain?

Final Conclusion:

As per the data exhibited above, if Venus have had mean-density 7.00gm/cm³ then its total mass would be equivalent to the mass of the Earth thus it would have the same gravity as that of the Earth. **Real** mean density of the Venus is even greater than 7gm/cm³ because at 7gm/cm³ Venus would hold atmosphere just equivalent to the atmosphere, which our Earth is actually holding. But to hold 100 times greater atmosphere than the Earth, Venus must have mean density even greater than 8gm/cm³.

The said explanation proves that calculated mean densities of all the planets are wrong and false (except measured mean density of the Earth which is correct).

Note: To leave no doubt over the said discovery; some information over the atmosphere of the Venus is as under:

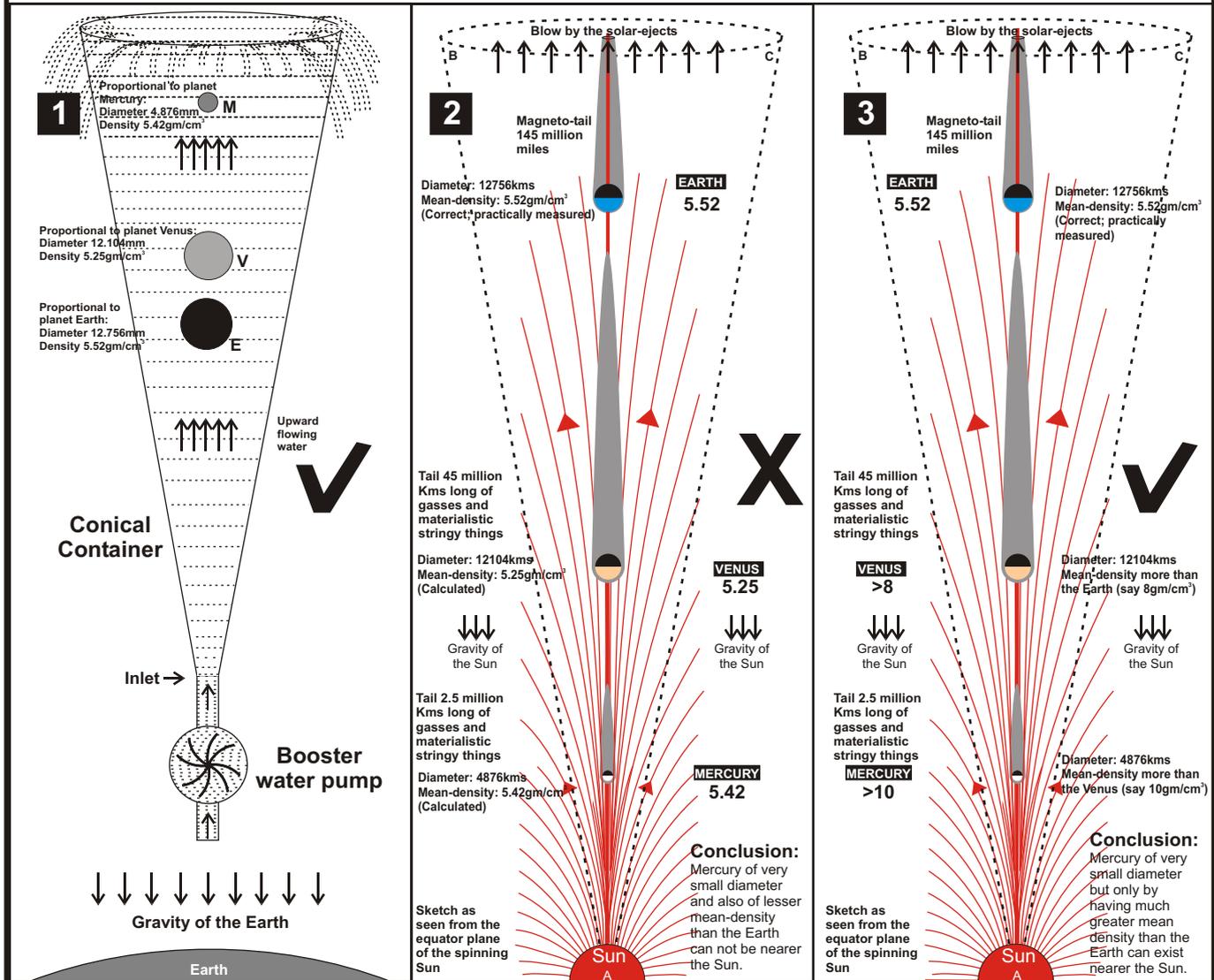
Scientists have calculated diameter thus densities of gassy-planets (Jupiter, Saturn, Uranus and Neptune) by including their gassy-shells up to border, where atmospheric pressure of the gases is equivalent to pressure of atmosphere of the Earth at the surface of the Earth. But in case of Venus; Venus not being the gassy-planet; its diameter is only up to its solid surface thus mean-density of Venus is the mean-density only of its solid mass (which does not include its gassy shell fully or partially).

If diameter of the Venus have been measured like that of the gassy-planets; Venus would have had even higher **real** mean-density to hold such a huge gassy atmosphere over its reduced diameter by including thickness of the gassy-shell.

Venus by holding huge gassy atmosphere (100 times than that of the Earth) along with long tail against high blow of solar-ejects proves that it has real mean density much more than the Earth; resulting to prove that calculated mean-densities of all the planets (except Earth are wrong and false).

(2) Sequence of the planets (Mercury, Venus and Earth) from the Sun by the blow of solar ejects and because of their sizes/diameters and densities.

- Sketch and brief explanation over the practical with the metal alloy balls of proportional diameters and densities of the planets and solar phenomenon by the planets (Mercury, Venus and Earth) over the said discovery claim (over calculated mean densities of the planets) is as below.



Sketch: Conical container provides gradual upward decreasing magnitude of thrust/push to the metal alloy balls by the flow of water against gravity pull of the Earth; similar to decreasing magnitude of thrust/push to the planets by the blow of solar-ejects against gravity pull of the Sun.

Note: For easy understanding presume all the planets and the Sun over a line. Sketch of the planets showing thrust/push by the blow of solar-ejects has been shown **intentionally** in vertical position for easy comparison with the upward flow of water (i.e., in tune to human mind-set). A cone in the solar space has been marked, which is the effective zone of thrust/push to the planets by the blow of solar-ejects; similar to conical container of flowing water.

Practical experiment over the Earth: Small (of lesser mass) metal alloy ball of density and size **proportional to the planet Mercury** by the thrust/push of upward flowing water in a conical container (with decreasing intensity of upward thrust at every level) keeps it suspended at the top, whereas big (of heavy mass) metal alloy ball of density and size **proportional to planet Earth** is at the lower level (near the inlet to face high thrust/push from upward flowing water) against gravity pull of the Earth.

BUT

Phenomenon in the solar system: Keeping aside the factor of 'Centrifugal force', which also keeps the planet away from the Sun; please give answer that how above said Physics law of thrust/push to metal alloy balls over the said practical on Earth (by the gravity of the Earth) is correct but it defies the Nature in solar system over the Sun (by the gravity of the Sun) by retaining **very small planet Mercury** and also of **lower mean-density** (of mass 0.056 Earth mass units) very near the Sun to face extreme thrust/push (upward as shown over the sketch) by the blow of solar-ejects and also how blow of solar-ejects keeps away the **big planet Earth** that too of **higher mean density** (of mass 1 Earth unit) than the Mercury against very high gravity pull of the Sun)? **Please explain OR accept the discovery claim.**

Note: Why the big gassy planets (Jupiter, Saturn, Uranus and Neptune) are far away at greater distances than the Earth? Reason (Discovery) has been stated over website under title: MATERIALISTIC UNIVERSE. (However, **reference** to the reason given here for the gassy planets has no concern over the comparison of mean densities of the planets (Mercury and Venus) with the correct mean-density of the Earth. **Illustration is over website: www.newtonuagam.com under title: MATERIALISTIC UNIVERSE over PART-B.**

Discoverer/Challenger has marked Correct Or Wrong as shown over the following sketches to leave no doubt over the said fact.

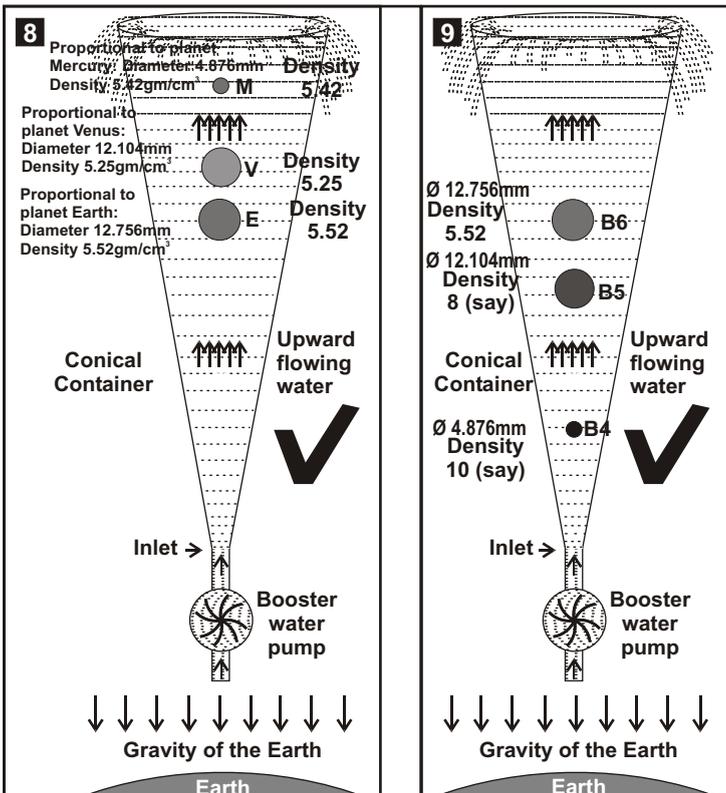
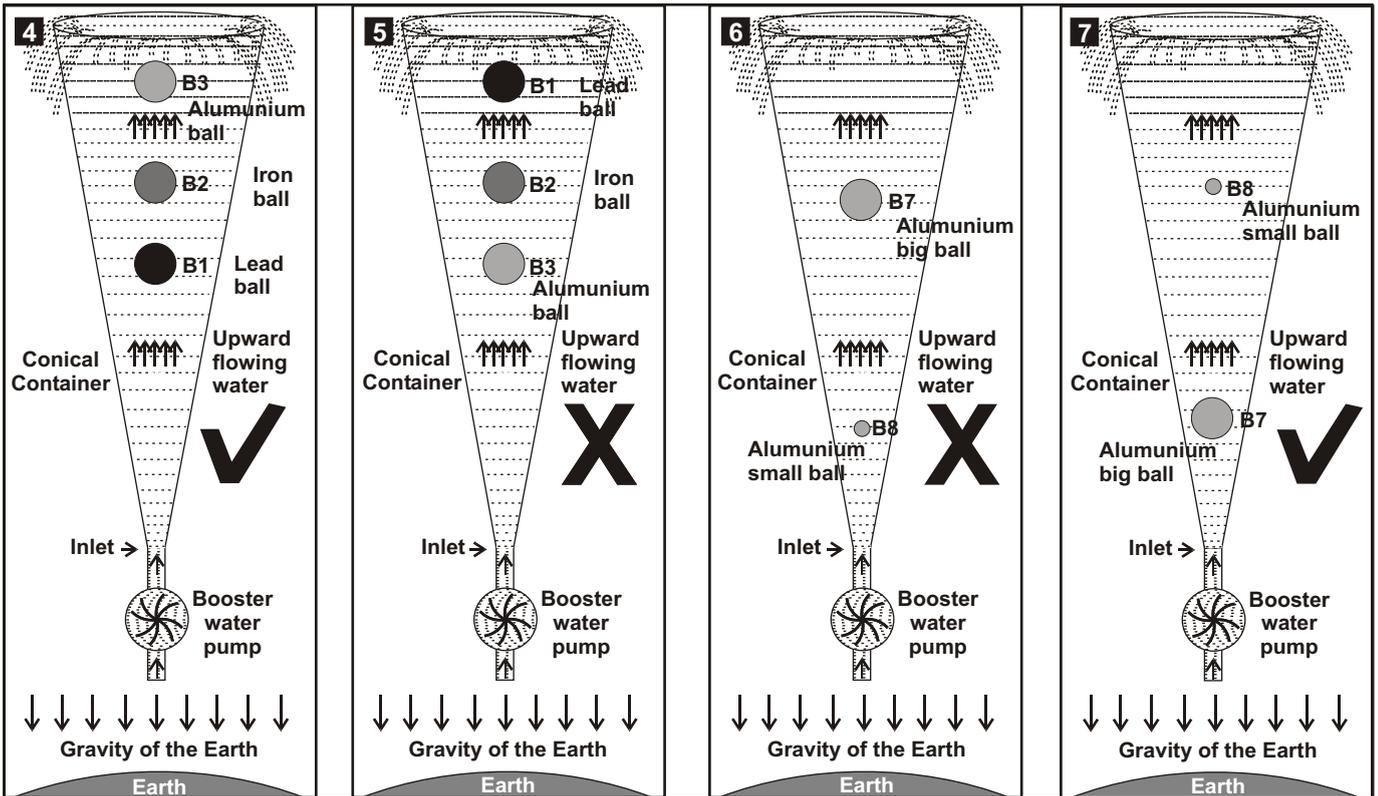


Illustration: sketch No. 4 to 9 is the practical with the alloy metal balls of different densities and different diameters in conical container with the upward (against gravity of the Earth) flowing water by regulating its flow with the booster pump.

Sketch No.4 and 5: All metal balls are of the same diameter but of different densities, say ball B1, B2 and B3 are of the lead, iron and aluminium respectively.
Sketch No.6 and 7: Only two balls are of the same metal (say of aluminium) but of diameters with great difference to see as big and small ball.
Sketch No.8: Alloy metal balls V and M are of diameters and densities proportional to the planets (Venus and Mercury), whereas ball E is in proportion to diameter and actual mean-density of the Earth. Ball V is of lesser density and also has smaller diameter than the ball E. Ball M too is of lesser density and also has much smaller diameter than the ball E.
Sketch No. 9: Metal alloy balls of diameters proportional to the planets but of density, which the planets have in **proposed reality** (Except density of planet Earth, which is correct), Ball B-4 represents Mercury of density greater than the Venus (say 10g/cm³) and Ball-5 represents Venus of density greater than the Earth (say 8g/cm³) and ball B-6 represents Earth of density i.e., 5.52g/cm³ (which is correct).

Note:

● Above stated discovery claim over calculated wrong densities of the planets is one of the discoveries and it is just a one millionth part of the total discovery claim (World challenged July, 2007).

● Information given over **Flash Information** is sufficient to accept that calculated mean-densities of the planets are wrong and false. Even then, some Science Concerneds may argue over some facts before accepting the truth. Some additional information under PART-2 (Additional Information) over calculated mean densities of the planets has been given. Before any argument/query, please read the said information over the website under PART-A title: MATERIALISTIC UNIVERSE.

Some vital information over the discovery claim over calculated mean-densities of the planets from the Discoverer/Challenger:

Important Note:

Already stated: PART-1: Flash Information of Research Paper (20120622); of Six pages (pages 1 to 6) information over the said discovery claim is sufficient to understand **discovery facts** and also to confirm (reply) by marking as correct or wrong over the first title page. But after going through the **Flash Information**; if you (The Science Concerned) are not fully satisfied with the information given under **Flash Information**; please read over website **PART-2 'Additional Information'** i.e., over **MAGNITUDE** of thrust/push to objects/planets of different sizes and of different densities by the flow/blow of fluid/ liquid/water/gases/air/solar-ejects in **upward-direction** (vertically upward) against gravity pull in **downward-direction** (vertically downward) by the Earth/Sun. Said **Additional Information** is over the website under PART-A title: MATERIALISTIC UNIVERSE.

A few words from the Discoverer:

The Discoverer had a wish to share discovery information with you, the way other Researcher's get the opportunity but Discovery claims (computed results) have gone against your understandings over the subjects (Some basics of Astronomy, states of the matter and rays) resulting to prove your accepted understandings (400 years ago) as wrong and false; which still is being accepted due to prejudice mind-set. Because discovery claims went contrary to your knowledge and understanding (not in tune to your knowledge), thus the Discovery illustration can not be written like other conventional research papers, With the result Discoverer is left with no conventional mode to make the World aware about discovery claim (which in fact is your own discovery), except to challenge the World (thus to you too Respected Sir/Madam).

Action required:

After going through PART-1 (Flash Information) of the discovery claim please reply by marking as correct or wrong over the 1st title page PART-1: Flash Information and return the same duly signed.

No comments please because High Academic Qualification or High Post of the Science-Concerned gives him/her immense/supreme power (**liberty**) to comment in any way over any discovery claim. He/ She can give comment the way he/she likes by reading or even without reading. (There are unlimited number of modes of reading; reading like reading a newspaper, snap-reading, scan-reading, reading while doing routine work, reading in isolation peacefully (or otherwise) but the correct way of reading is reading in isolation peacefully to understand that what is correct with true scientific approach mind). Answer to an objective type query in 'Correct/Yes' or 'Wrong/No' leaves the Concerned with no option/opportunity to skip from the targeted fact/reply and slashes influence-power (which every common person understands as the judgement) of the Science-Concerned having high academic-qualification or occupying high/highest-post thus making him/her at par in real knowledge with the other General-Concerneds to come out only with the real talented knowledge irrespective of his/her academic qualification or high/highest-post.

From the comments given; no one can judge that how a reader has read and what real knowledge (not academic qualification) he/she has over the challenged subject. To overcome this snag **of liberty to give comment**, Discoverer has specifically prepared objective type queries over the 1st title page to answer queries as correct or wrong only, so that no one (Science-Concerned) should go out of the purview of discovered facts/claims to mislead the discovery claim and must answer (correct or wrong) only after giving a **thorough** thought.

Because of the said fact; please reply only with the marking as correct or wrong to the objective type queries. So, no comments unless comments are accompanied by the answers as correct or wrong.

Request:

Whatsoever you (The Science-Concerned) are have already read or know over the challenged subjects that all is the work (hand/brain work) of millions of the Experts/Scientists/Concerneds from the thousands of years besides work by the computers/super-computers.

But what you are now reading under the challenge by the Discoverer that is the work (till to date) only of the three persons (The Discoverer; The Editor/Confirmer of the facts and the computer operator who types the hand written notes). So, if any typographical error, please inform to rectify.

World Challenged (July, 2007)

Challenge to the World is not confined only over the stated discovery over **Mean-densities of the planets** but the World has been challenged for wrong knowledge over some basics of Astronomy and also over the basics of States of the matter and Light/Rays (Rays of any kind). Discovery has solved most riddles and queries, which pertain to the said subjects. Discovery challenge is to the basics, so the said challenged subjects require re-write.

Discovery Patent: Patent Application No. "2863/DEL/2010" by "Ramesh Chander Varma (INDIA)". Title: "Materialistic Universe and working mechanism of celestial-bodies based over materialistic-rays."

Discovery claim: (World challenged 2007)

from: Ramesh Varma
#852, Sector-8
Panchkula (Haryana)
INDIA

E-mail: ramesh_varma@newtonugeam.com

Website: www.newtonugeam.com

- **Discovery facts have been read, understood, confirmed and edited by Deepak Varma.**

Attached: PART-2 (Pages- 8 to16)

Additional Information of Research Paper (20120603)

**Over calculated mean-densities
of the planets (Mercury and Venus only)**

PART-2 Additional Information of Research Paper (20120603); (Pages 7 to15).

Over calculated mean-densities of the planets (Mercury and Venus only)

Note: Flash Information already given to prove that calculated mean-densities are wrong and false is sufficient; Additional Information given over here would be helpful to reconsider understandings over the basics of Astronomy; states of the matter and Rays besides further proving with more information that Calculated-mean-densities are wrong and false.

How mean-densities of the planets were calculated?:

Note: Below said information is for the **General Science-Concerneds (But not for the Scientists)**.

Practically measured mean-density of the Earth by practically knowing its mass and diameter is correct, but whereas calculated mean-densities of all other planets and objects (celestial bodies) are wrong.

To make calculation for the mean-densities of the planets by the known laws over the planetary motion; mean-density of one object in the solar system must be known to us practically. For this purpose our Earth was/is the best thus mean-density of the Earth was measured.

Calculations of mean-densities of the planets, (other than the Earth) were done by finding '**gravitational constant**' by practically knowing the mass of the Earth. By using 'gravitational constant' and by the planetary laws over motion by the planets with other data information, mean-densities of the other planets have been calculated.

Planetary laws were framed in the 17th century. Mass of the Earth was calculated in the year 1798 (18th century) and then gravitational constant was calculated. Just after knowing **gravitational constant**; mass of the other planets were calculated by knowing the centripetal force. By measuring diameter of the planets thus its volume and by knowing its mass; mean densities were calculated. The work to determine/calculate mean densities of the planets was completed and its data was released by the Astronomers. The said data over the mean-density of the planets **has been framed** by the World by accepting **as the final verdict** from the Scientists of the past-era; like accepting Religious beliefs stated in the Holy-books by their respective God.



What has resulted to make calculated mean-densities of the planets as wrong and false?

Scientists (World) of the past-era, prior to 19th century did not know about the blow over the planets by the '**solar-wind, solar-radiation pressure, coming out particles and gases from the Sun and also by some unique properties of the rays**'. The Discoverer/Challenger has given a name to all said **blow-giving-matter** as 'Solar-ejects'.

Intensity of the blow by the solar-ejects which gives a thrust/push away from the Sun to the planets varies over every planet. A planet is away from the Sun, not only by the factor of centrifugal force but it is also further away by the said thrust/push factor. (In addition to thrust/push effect by the blow of solar-ejects; a planet is further away from the Sun by **unique repulsion properties** of the rays, claimed as discovery; explanation of which is over the website under title: MATERIALISTIC UNIVERSE. Magnitude of the thrust/push to the planets due to the blow of solar-ejects is sufficient to prove the challenged claim that calculated mean-densities are wrong thus explanation of the said **unique repulsion properties** of the rays over this research paper is not required).



Solar-ejects:

Whatever the Sun releases into the space in the form of solar-wind, solar radiation, rays of all kinds, particles (charged/uncharged) and gases etc by losing its mass 4,200,000,000 tons per second that all is solar-ejects.

- Scientists/Experts due to prejudice mind-set still understand that solar space is a no matter-zone. A simple stated fact is sufficient to prove their understanding as wrong. Sun loses 4,200,000,000 tons of its mass per second. Light takes 8 minutes to reach the Earth from the Sun. Said fact confirms that space of the shell up to the orbit of the Earth has been filled by materialistic-particles equivalent to 4,200,000,000x8x60 tons. In addition to said matter, solar space is also filled by the materialistic particles of our galaxy (Milky Way). Besides all this some materialistic matter of the Universe too is in the solar-zone. Solar-ejects are materialistic, thus it has the thrust/push effect over the objects/planets. There is nothing like 'Dark-matter' but it is the 'White-matter' which is occupying the space and also there is nothing like 'Dark-energy' but it is the thrust outwards by the 'White-matter' (White-energy) released by the stars, which is pushing the galaxies resulting in the expansion of the Universe. (Explanation is over the website under title: MATERIALISTIC UNIVERSE).

- Planetary laws were framed in the 17th century with the understanding of Sun-rays as only energy. It was understood at that time that rays of the Sun have no blowing or thrust-effect over the objects/planets in the Solar system. Experts did not know any thing coming out of the Sun like solar-wind or solar radiation pressure and particles (charged/uncharged) etc. It was/is understood that rays travel in wave motion and wave has no mass but merely a form of the energy.

- But later in the years 1871-1901, it was understood that radiation (which travels in wave motion) exert pressure over the objects. It is very strange that when a wave of any kind has no mass, how it can exert pressure on its strike over an object. Without amending the accepted wave motion theory of 17th century over the rays; Scientists proceeded ahead with the understanding that solar radiation rays exert pressure on the objects. (Here, to prove that calculated mean densities of the planets are wrong and false, pressure exerted by the rays over an object is sufficient irrespective of the fact that rays propagate in the form of wave or in any other form. But for understanding **true** working mechanism of planetary system based over, **unique** discovered properties of the rays, it is must to know correct mode of the propagation of the rays.

- In addition to understanding by the World that radiation-rays exert pressure over the objects, another factor of thrust/push to the objects by the blow of solar-ejects was also understood in the years 1859-1942. By noticing direction of tail of the comet always away from the Sun by the blow of solar-ejects; Scientists of that era have given the name to blow as 'solar-wind'; like fast blowing storm wind over the Earth, which causes its thrust effect over the objects. The name given to the solar-ejects as solar-wind is confusing, because nothing like wind is coming out from the Sun but here, to prove that calculated mean densities of the planets are wrong and false, thrust/push exerted by the solar-wind to the objects is sufficient irrespective of the fact that what forms the solar-wind. The said fact further astonishes the Challenger (Discoverer) that even after knowing thrust/push by the solar wind to comet; why the Concerned Scientists have not amended the application of planetary laws of motion to calculated mean-densities of the planet.

● It baffles the Challenger (Discoverer) that why Modern Scientists even after knowing the following facts have not come to know that they are with the wrong basic laws over the planetary motion when solar-wind and radiation pressure (solar-ejects) results.

- ▶ to from a long tail (570 million Km long) of the comet from its loose mass, dust and gases:
- ▶ to from a long tail (2.5 million Km long) of planet Mercury from its atmosphere:
- ▶ to from a long tail (45 million Km long) of planet Venus from its atmosphere:
- ▶ to cause blow effect (magneto-tail) to atmosphere of the Earth:
- ▶ to strip off most part of the atmosphere of some planets, like Mercury and Mars:
- ▶ at far off in the solar system up to interstellar medium:

● To know the truth in the said facts, some parts of the information from history have been taken from the Internet, which has been exhibited below:

Picture of comet with its tail has been taken from the Internet: July, 2011



Thrust by the solar-wind and solar-radiation pressure to form long tail of the comet.

The streams of dust and gas each form their own distinct tail, pointing in slightly different directions.....

While the solid nucleus of comets is generally less than 50 km across, the coma may be larger than the Sun, and ion tails have been observed to extend 3.8 astronomical units (570 million km).....

..... As a comet approaches the inner solar system, solar radiation causes the volatile materials within the comet to vaporize and stream out of the nucleus, carrying dust away with them. The streams of dust and gas thus released form a huge, extremely tenuous atmosphere around the comet called the coma, and the force exerted on the coma by the Sun's radiation pressure and solar wind cause an enormous tail to form, which points away from the sun.

World's Information: From Internet July, 2011: Wikipedia

History of Solar-wind

The continuous stream of particles flowing outward from the Sun was first suggested by British astronomer Richard C. Carrington. In 1859,

.....Also in the 1950s, a German scientist named Ludwig Biermann became interested in the fact that no matter whether a comet is headed towards or away from the Sun, its tail always points away from the Sun. Biermann postulated that this happens because the Sun emits a steady stream of particles that pushes the comet's tail away. Wilfried Schröder claims in his book, Who First Discovered the Solar Wind?, that the German astronomer Paul Ahnert was the first to relate solar wind to comet tail direction based on observations of the comet Whipple-Fedke (1942g).....

From Internet July, 2011: Wikipedia

Solar-radiation pressure
Radiation pressure is the pressure exerted upon any surface exposed to electromagnetic radiation.....

Discovery
The fact that electromagnetic radiation exerts a pressure upon any surface exposed to it was deduced theoretically by James Clerk Maxwell in 1871 and Adolfo Bartoli in 1876, and proven experimentally by Russian physicist Peter Lebedev in 1900 and by Ernest Fox Nichols and Gordon Ferrie Hull in 1901.....

Radiation pressure in interplanetary space
In astronomy, Solar radiation pressure is the force exerted by solar radiation on objects within its reach. Solar radiation pressure is of interest in astrodynamics, as it is one source of the orbital perturbations.....

From Internet June, 2011: thunderbolts.info

Satellite catches Venus by the tail



Tail of Venus: credit Jeff Hecht, New Scientists Magazine May 31, 1997.

Venus' Tail of the Unexpected

Conclusion:

(Thrust/push to planets by the blow of solar-ejects is great, particularly over the planets which are nearer to the Sun):

Experts are still struggling to understand correctly that what solar-wind is. They can not understand solar-wind correctly unless they rectify their basic understanding over the challenged subjects. What so ever definition the Experts have about the thrust by the solar-wind and solar-radiation-pressure; a fact is clear and understood by the Experts that solar-wind particles and solar-radiation pressure cause great blow (thrust) effect over the matter

Laws over planetary motion are more than four centuries old but whereas Experts have understood blow/thrust over the tail of a comet by the solar-wind in only 20th century (not more than 60-70 years ago). Experts have recently (not more than two decades before) come to know about the formation of long tails of gasses and stringy materialistic things (particles) by the solar-wind and radiation pressure with the planets, which are close to the Sun.

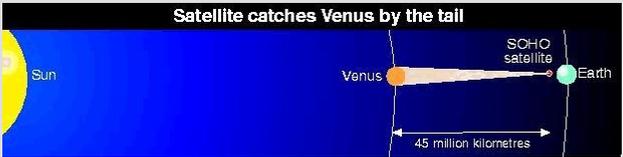
Information of 570 million Km long tail(s) of the comet at far off from the orbit of the said three planets (Mercury, Venus and Earth) formed by the thrust/push by the blow of solar-ejects confirms that, if thrust/push by the blow of solar-ejects is so great at far-off; how great thrust/push by the blow of solar-ejects would be over the said planets? Please imagine.



What does the composition of the matter suggests from which the tail of planet has been formed? Also what does the magnitude of the tail matter suggests?

Experts (World) understand that some part of tail of the planets (Mercury and Venus) is composed of the gasses and rest of stringy things; information from the Internet has been exhibited below:

Internet: Free Republic browse: dated 11/09/2012



Satellite catches Venus by the tail

The ion tail of Venus. Credit: Jeff Hecht, New Scientist Magazine May 31, 1997.

Venus' Tail of the Unexpected
Ancient peoples report that the planet Venus once had visible "ropes" stretching out to the Earth. Could a plasma glow discharge have been the cause?

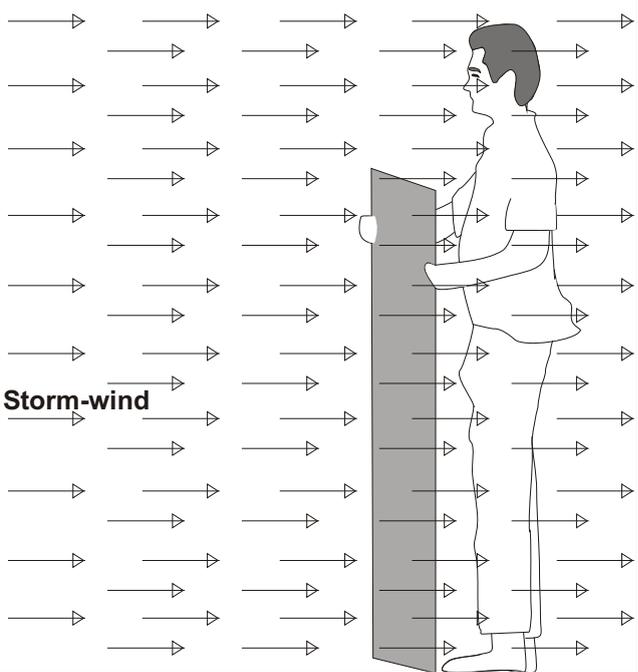
The "induced magnetotail" that points away from Venus in the direction of the earth is a teardrop-shaped plasma structure filled with "a lot of little stringy things" that was first detected by NASA's Pioneer Venus Orbiter in the late 1970s. In 1997, Europe's Solar and Heliospheric Observatory (SOHO) Satellite showed that the tail stretched some 45,000,000 kilometres into space, more than 600 times as far as anyone had realized and almost far enough to "tickle" the earth when the two planets are in line with the sun.....

(i) Thrust/push by air (wind) to objects:

A person can stay erect easily by facing storm-wind over the open ground by holding a plywood board of 4sq ft (1'x4') but it would not be easy, rather impossible to keep on holding for long a plywood board of 32sqft (4'x8') because of multiplied magnitude of thrust by the storm-wind over the flat surface of the large sized plywood-board as shown over the sketch.

Practical to show magnitude of thrust by the storm-wind by just increasing flat surface area (size) facing the wind to eight times:

Sketch showing a man facing storm-wind by holding plywood board of smaller size (1'x4') and also holding larger sized plywood board of size (4'x8').



Storm-wind

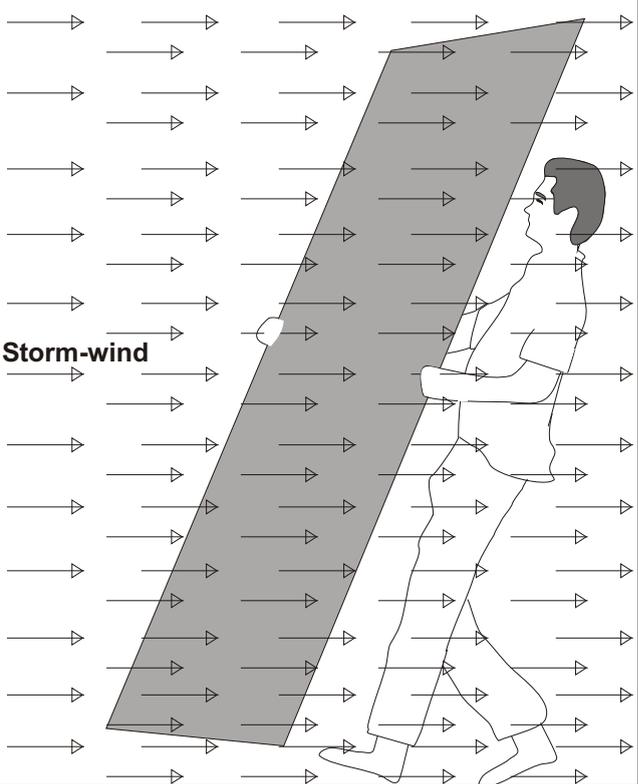
Challenger/Discoverer: Tail of the planet Mercury and Venus is formed of the gassy and stringy things (gassy part of the tail is near to the planet). Stringy thing may be the ions, free atom particles, water vapours or whatsoever but must be materialistic. (Only the materialistic thing can form the tail because only the materialistic things get attracted by the gravity to stay with the planet by resisting thrust/push from the blow of solar-ejects). So, it has been concluded that tail with the planets (Mercury or Venus) have been composed of the gassy and stringy materialistic things.

Long tail of gassy and stringy materialistic things with the planets (Mercury and Venus) confirms that (i) thrust/push by the blow of solar-ejects is very great not only over the tail matter but also over the planet and (ii) long tail composed of stringy thing (materialistic particles) after the tail part of gases even after facing a great thrust/push by the blow of solar ejects suggests that the planets (Mercury and Venus) have great gravity (thus high mean density).

Existing matter of the tail is after stripping off (to space) a major part (mass) of the gassy and stringy things by the blow of solar -ejects.



Practical explanation and comparison to assess the thrust/push of the blow (against gravity pull by the Sun) by the solar-ejects to keep the planets (Mercury, Venus and Earth) further away from the Sun (in addition to these are being away by the centrifugal force) to prove that calculated mean-densities of the planets are wrong and false.



Storm-wind

Practical (A): To understand magnifying affect of the thrust/push by the air (wind) and solar-ejects over large bodies as compared with the smaller one.

(ii) Thrust/push (against gravity pull by the Sun) by the solar-ejects to objects:

(a) Solar sails (a propulsion craft) also prove that the planets face a great thrust from the solar-ejects:

Thrust/push by the solar-ejects over the planets can also be understood from the known fact by the Experts (World); like, solar sails (also called light sails or photon sails). Solar sails are a form of space craft propulsion using the radiation-pressure of light from a star (Sun) to push enormous ultra-thin mirrors to high speeds in space. The said concept was first proposed in the year 1921.

If a thin mirror of one square metre can be thrust (pushed) to space by the solar-ejects to attain high velocity on launching from above the Earth (or from 1AU distance from the Sun); like, solar sails (also called light sails or photon sails). Solar sails are a form of space craft propulsion using the radiation-pressure of light from a star (Sun) to push enormous ultra-thin mirrors to high speeds in space. The said concept was first proposed in the year 1921.

(b) Knowing (understanding) magnitude of thrust/push by the blow of solar-ejects through solar sails:

Note: An important paragraph for the Scientists.

Experts of NASA and other similar organizations are well equipped with the devices and are capable to know the said thrust/push, if they attempt to know.

Challenger has conceived an idea that would work; its explanation over here is a must; which would also confirm that calculated mean-densities by ignoring said thrust/push to the planets are wrong and false.

Experiment to be performed is similar to setting of sail in space ultra thin mirrors by the thrust/push from the blow of solar-ejects. Take two hollow spheres of ultra thin wall made of aluminium alloy with a micro-hole for the air inside to escape. Sphere (A) should be of bigger size than the sphere (B) but sphere (B) should have wall thickness greater than sphere (A) to make both the spheres of the same mass (weight).

Both the spheres A and B are set to sail in space, the smallest sphere (B) would be ahead to the bigger sphere (A) because magnitude of thrust/push by the blow of solar-ejects would be greater over it (sphere-B) than over the bigger-sphere (A) because of thrust surface area and mass ratio.

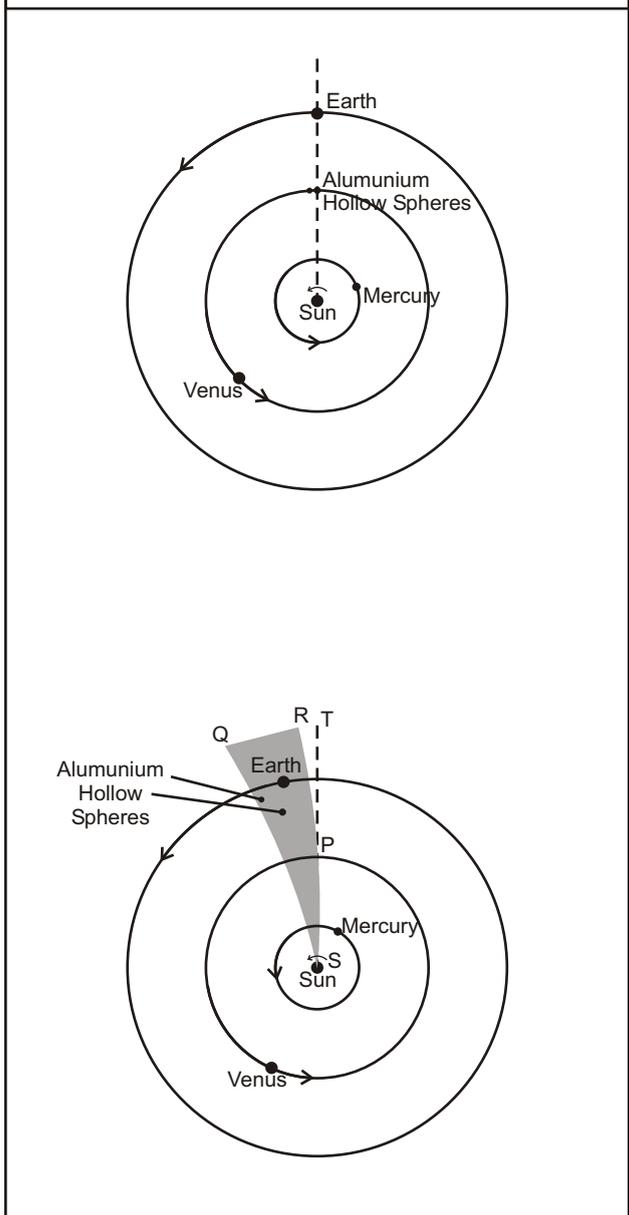
Further, if their track is monitored; both the spheres would develop wide gap, though both have been set to sail at the same time.

A factor would also be noted that the smallest sphere (B) besides going ahead of the sphere (A) would also drift greater towards the side in which direction the Sun spins or all planets orbit. This factor to drift to a side is by the greater push to the sphere (B) than the other by the spokes (materialistic-rays) coming out of the Sun (spinning-sun). Explanation is under the relevant chapter under title: MATERIALISTIC UNIVERSE.

This noted drift would prove that planets move in the orbit not by the chance or by the birth-gift as the World understands but planets move in the orbit by the side-push from the spokes (materialistic-rays) of the Sun (spinning-sun). In addition to this, both planets also move in the orbit by their own radiated/generated materialistic rays as reflex-action. This all has been well explained over the Internet under title: MATERIALISTIC UNIVERSE.

To know above said discovered fact; the aluminium spheres should be let off for sail from the orbital path of the Venus from a point (P) in between the Sun and the Earth to keep record of their location (point-P) of their start. Both the aluminium spheres would not adopt straight path as shown over the sketch below but both spheres would drift towards the side the planets move. Orbital speed of the Earth and speed of the let off spheres in forward motion along with their drift would determine the point where their (spheres') path would cross the orbital path of the Earth. Path adopted by both the spheres would be in the zone SQR but not PT.

Direction of solar-sail move by the ultra thin walled aluminium alloy hollow spheres; if let off from the orbital-path of the Venus.



Important fact:

Without knowing practically the mass of our Earth; it was not possible to calculate mass of the other planets (celestial-bodies); though calculations went wrong by ignoring thrust/push by the blow of solar-ejects. Similarly, we can not calculate (know) true mean-density of the planets unless, we practically know (measure) magnitude of the thrust/push by the blow of solar-ejects over a planet **or** over specially developed device-objects (spheres). An object gets thrust/ push from the materialistic rays of the Sun in two directions; one push/thrust factor directly takes away the object from the Sun and the other push factor pushes the object to adopt orbital motion by the spokes of materialistic-rays coming out from the spinning-Sun. Magnitude of thrust/push over an object from both the factors requires its measurement to calculate (know) true mean density or mass of an object in the space.

Conclusion:

The best way is to practically measure the mass or density, at least of the objects which are near to our Earth; i.e., Moon, Venus, Mercury and Mars. Practical results would open the eyes/mind of the Experts (World) to know that what wrong information (knowledge) they are taking along from the last 400 years over the challenged subjects.

(iii) Affect by the solar storms over the orbital motion of man made satellites (small objects) and the planets:

Astronomers/Experts have understood that solar storm. (Suddenly pushing of great quantum of additional solar-wind and radiation-rays along with other solar-particles to space or towards the satellites/planets) disturb the planetary motion, called 'Orbital perturbations' to their satellites. If solar storm can disturb orbit of their small object 'Satellite', than it must be putting its affect over the orbit of the planet. Planet being of big mass and solar storm of short period may not cause a noticeable affect over the orbital push to the planet but solar storm pushes the orbit to make it wider for some duration. Disturbance to the orbital motion to the planets, would always push the planets to wider orbit (may be very little), though may be for some duration. This factor (solar-storm) confirms that solar-ejects attempts to push the planets away from the Sun. If Sun stops generating solar-ejects, all the planets, would come nearer to the Sun. This conclusion proves that planets are away from the Sun by the two prime factors (i) by the centrifugal force and

(ii) also by the continuous thrust/push by the solar-ejects.

Planets are not away from the Sun, only by the centrifugal force, they are away from the Sun by the said two prime factors. So, calculated mean-densities by ignoring vital factor i.e., thrust/push by the solar ejects are wrong and false.

Practical (B): To understand vertical thrust/push by the air (wind) or water (fluid) over the objects on Earth against gravity factor of the Earth.

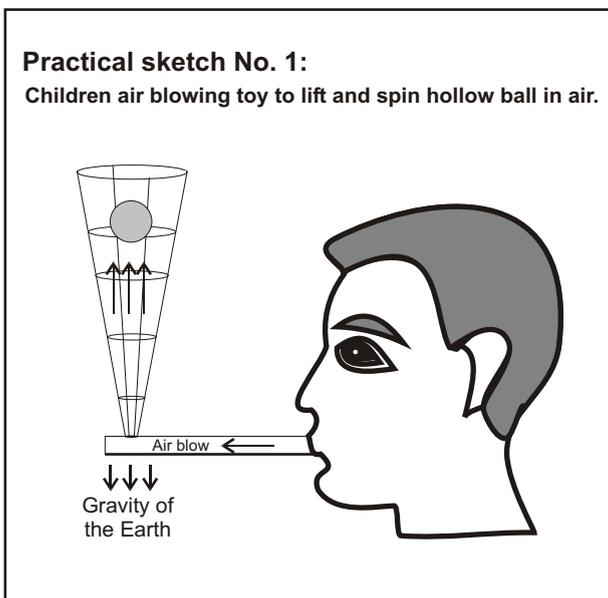
And

To understand universal-direction (but shown here vertical to understand by the human mind) thrust/push by the solar-ejects over the planets (Mercury, Venus and Earth) of variable sizes and of different densities against the gravity factor of the Sun.

1. Practical Explanation: (visualized experiment too can make the Concerned understand):

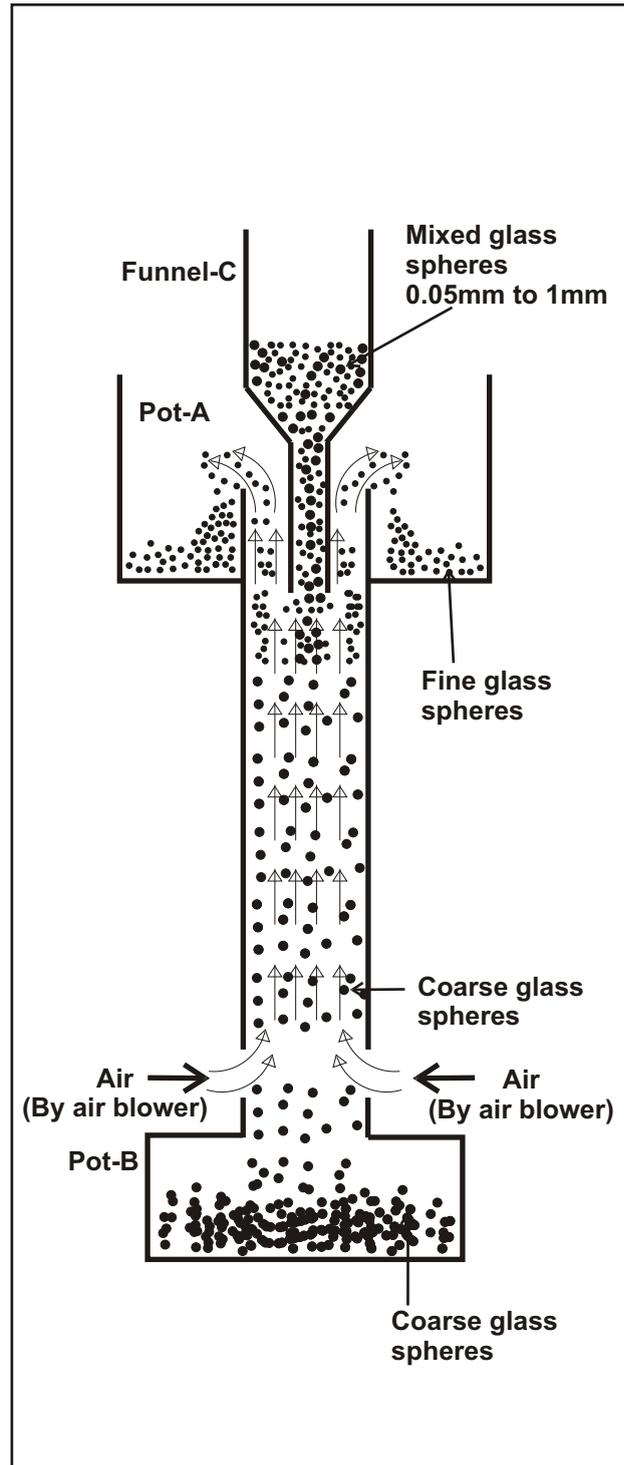
(i) (a) Experiment with the vertical flow of air:

A very simple device (toy) which almost every one has played with or has seen has been shown below. If not played with and never seen any child performing (playing) with it; it is very simple to understand that how a blow of air can lift, suspend and even can spin the hollow plastic ball.



(i) (b) Experiment by the micro glass spheres with the vertical flow of air:

(Practical which the Discoverer has performed in the year 1977)



The Discoverer has formed the said practical during the year 1977, when he was engaged over the research to manufacture micro-glass spheres for making 'Reflective road marking paint'. He manufactured some quantity of mixture of micro glass spheres of sizes ranging from 1.00mm diameter to 0.05mm diameter. He wished to separate fine micro glass spheres of sizes from 0.05mm to 0.5mm and from 0.5mm to higher size. For this process, he developed an air separator. Flow (blow) of air (against gravity pull of the Earth) was given in upward direction by the high-speed fan into the vertical pipe column by regulating its speed. Big sized (heavy) glass-beads came down into the pan and the lighter glass beads were drifted upward along with flow of air to get them trapped in a separate over-head pan. With the same principle; smaller objects (planets) face high thrust (against gravity pull of the Sun) by the blow of solar-ejects than the bigger planets, provided all the objects have the same density.



Practical experiment by the different alloy metal balls with the upward flow of water against gravity factor:

(ii) Practical experiment with the flow of water:

(Similar explanation in brief for the Scientists has been given under Flash Information but below said explanation is for the General-Concerneds in detail).

Take two identical conical long glass containers as shown over the sketch No. 2 having inlet attached to a water booster pump. Also take six numbers of alloy metal balls proportional to diameters of the planets (Mercury, Venus and Earth) but having densities as of the planets have and also supposed densities of the planet Mercury and Venus. Solid alloy metal ball (M1) of density 5.42gm/cm^3 and of diameter 4.878mm is representing the planet Mercury; solid alloy metal ball (V1) of density 5.25gm/cm^3 and of diameter 12.104mm is representing the planet Venus and two solid alloy metal balls (E) of density 5.52gm/cm^3 and of diameter 12.756mm are representing the planet Earth. Also have two more alloy metal balls, ball (V2) of diameter 12.104mm (proportional to Venus) but of density much greater than the Earth (say 8gm/cm^3) and another ball M2 of diameter 4.878mm (proportional to Mercury) but of density more greater than the Venus (say 10gm/cm^3).

Start the booster pump to lift water into the identical long conical containers; let the water overflow. Regulate flow speed of the water so that all alloy metal balls should be lifted and remain suspended (by balancing upward thrust of flowing water with the pull by the gravity of Earth) in both the containers. In container No.1, small ball (M1) would go upward by keeping the ball (V1) in the middle and ball (E) to remain below the balls M1 and V1. In the other container No.2, the ball (M2) would be near the bottom (inlet) by keeping the ball (V2) in the middle. Location of the ball (E) in both the containers would remain at the same level.

Practical Result:

In container No. 1, ball (M1) and ball (V1) both have smaller diameter than the ball (E) and also both the balls are of lesser density than the ball (E). So, thrust by the upward flowing water would lift (suspend) both the balls at higher level than the ball (E).

In container No. 2 ball (M2) and ball (V2), both are of higher density than the ball (E). diameters of the balls (M2) and (V2) are small as compared with the ball (E) but by having much greater density than the ball (E), both the balls (M2) and (V2) would be below the ball (E) by keeping the ball (V2) in the middle and ball (M2) just near the inlet.

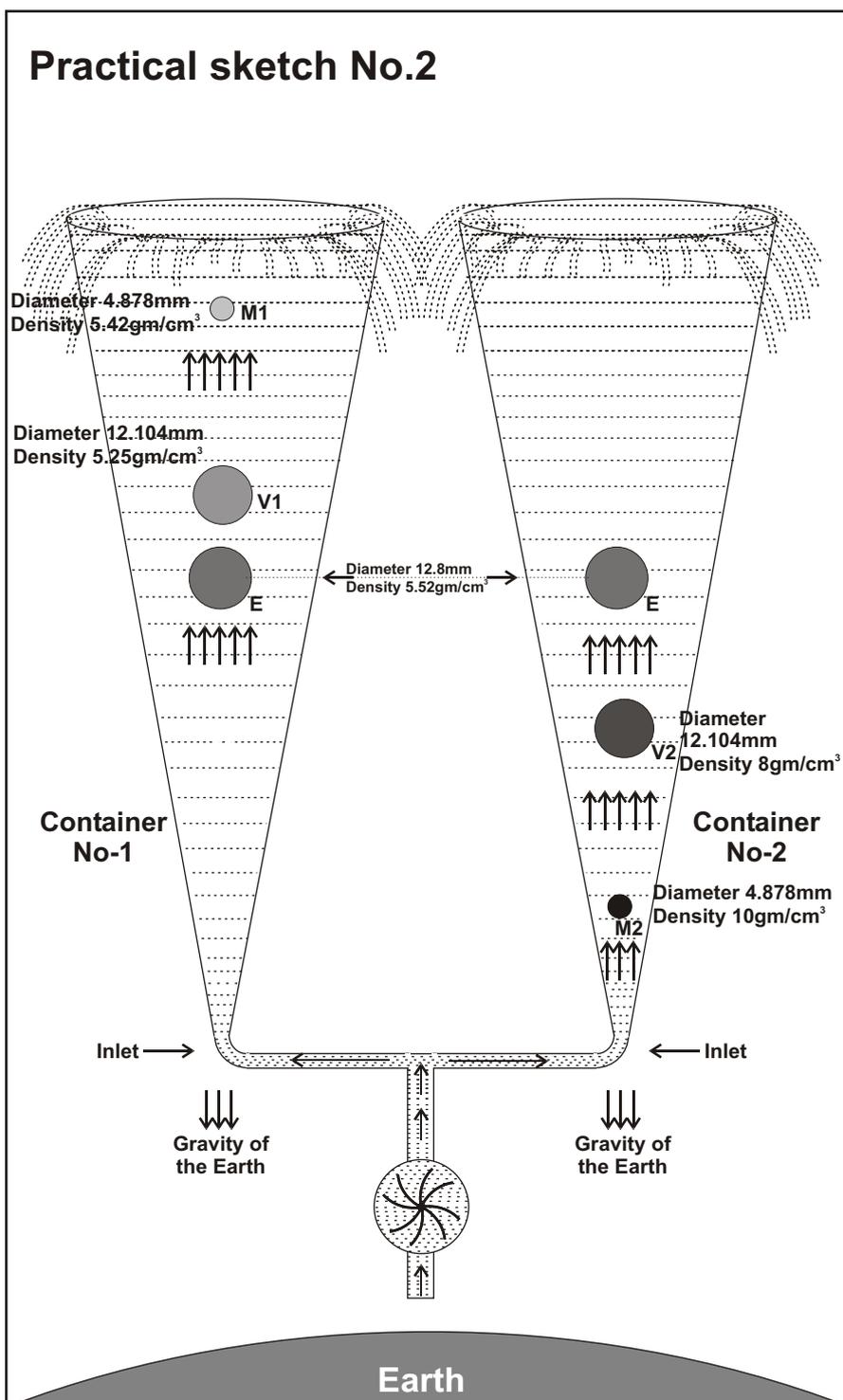
Alloy metal balls of different sizes and of different densities would be at the stated suspended locations by the simple Physics law of thrust/push

(against gravity pull of the Earth) by the upward thrust of flowing fluids/gases over the solid objects (balls) as per their surface-area (flowing beam cross section), mass/density ratio.

Upward flowing water by the booster pump represents the flow (thrust/push) by the blow of solar ejects (solar-wind and solar radiation pressure by the rays) to put thrust (up lift) over the balls (planets) against gravity of the Earth (representing gravity of the Sun as shown ahead).

This practical result proves that Mercury on being closer to the Sun does not have mean density 5.42gm/cm^3 but its density is much more than the Earth. Planet Mercury is closer to the inlet (Sun) of solar- ejects because its **real** mean-density is more than 10gm/cm^3 , and not 5.42gm/cm^3 as has been calculated by the Physicists/Astronomers. Similarly the Venus too has higher density than the calculated mean-density and its density must by more than 8gm/cm^3 .

Practical result proves that calculated mean density of all the planets (celestial bodies) by ignoring thrust/push factor (against gravity pull by the Sun) by the blow of solar-ejects are wrong and false.



Explanation of thrust/push effect (against gravity pull by the Sun) by the blow of solar-ejects over the planets (Mercury Venus and Earth) of variable sizes and densities:

Note:

Similar explanation in brief for the Scientists has already been given under **Flash Information** but below said explanation in detail is for the General-Concerneds.

Magnitude of push (against gravity pull by the Sun) on noticing long tails by the blow of solar-ejects over the planets; particularly over Mercury and Venus as compared to the Earth proves that calculated mean densities of the planets (except of the Earth, which has been practically measured) are wrong and false:

Thrust/push (against gravity pull by the Sun) by the blow of solar-ejects of the Sun stretches gassy and stringy matter particles' shell of the Mercury and Venus to form tail of Millions Kms long. This factor confirms that thrust/push by the solar-ejects over the planets is great to keep them further away from the Sun than planets are being kept away from the Sun by the centrifugal force. Mercury has very small size (diameter 4878kms only 38.24% diameter of the Earth) as compared to large size of the Earth (Diameter 12756km) and in addition to it calculated mean density of the Mercury is also lower (5.42 gm/cm^3) than the real mean density of the Earth (5.52 gm/cm^3). Whatsoever would be the magnitude of the solar-ejects at its origin from the Sun's surface, Mercury can not be nearer to the Sun than the Earth if it has lower mean-density than the Earth and also has smaller size; it must be located far away from the Earth by the thrust of solar-ejects. Presence of mercury nearer to the Sun than the Earth proves that Mercury has much greater density than the Earth and it must be more than 10 gm/cm^3 . If Mercury has mean density greater than 10 gm/cm^3 , only then it could exist at its physical location near the Sun.

By the said factor (thrust/push by the solar-ejects) planet Venus too can not be nearer to the Sun than the Earth. Venus also has lesser calculated mean-density (5.25 gm/cm^3) than the Earth (5.52 gm/cm^3) and diameter of the Venus (12104km) is also smaller than the Earth (12756km).

Location of Venus ahead to the Earth suggests that real mean density of it is also more than 8 gm/cm^3 .

Conclusion:

Explanation of the laboratory practicals and also facts of solar system as stated earlier over the planets (Mercury, Venus and Earth) by the solar-ejects proves that calculated mean densities of all the planets (except of the Earth) and celestial-bodies by ignoring thrust factor (against gravity pull by the Sun) by the blow of solar-ejects are wrong and false.

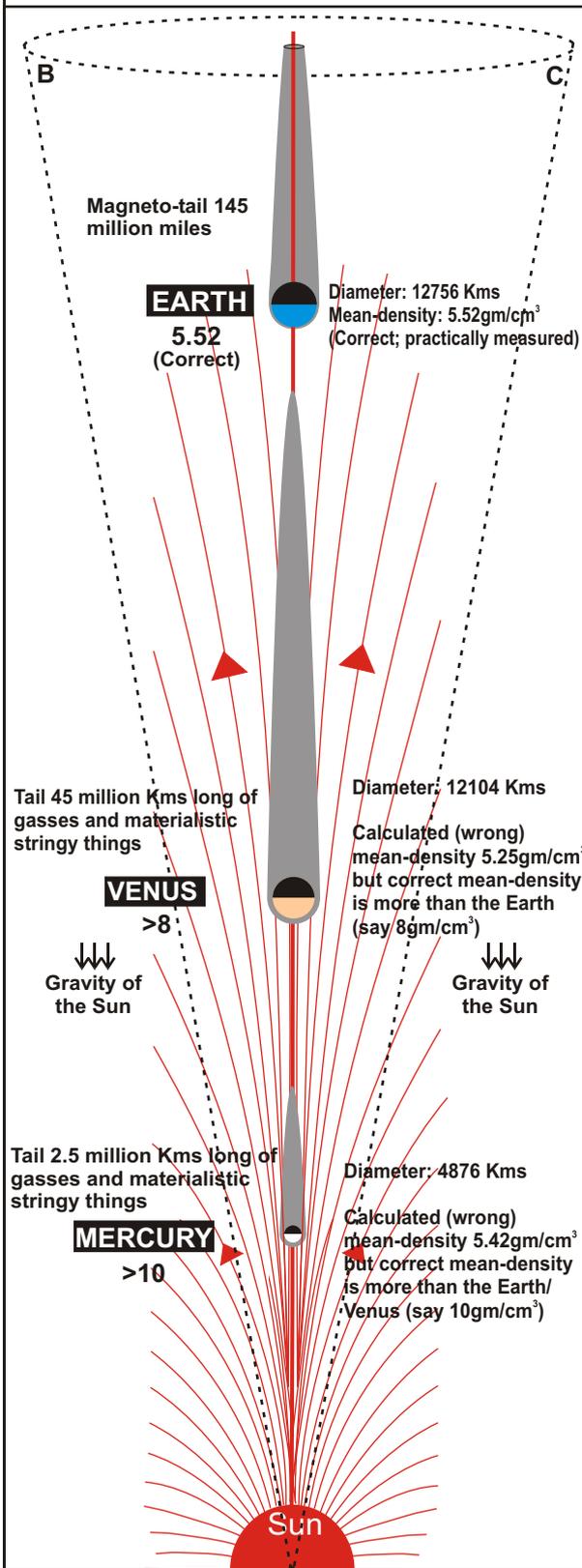
Very important discovery information for the Scientists:

In between the planet Mercury and the Sun, there were some (two or three) small but highly denser planets of mean-density 12 gm/cm^3 to more than 20 gm/cm^3 . Now, where they are or what had happened to them; discovery claim is being held by the Discoverer. Discoverer is 99% sure of his discovery truth but some more clarification is required for which he has not gone through due to paucity of time.

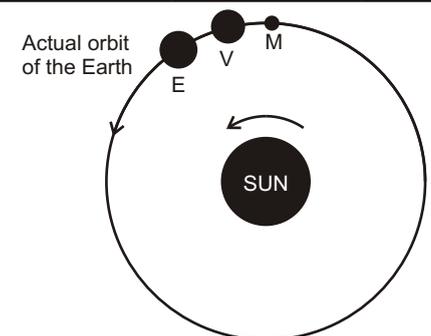
Phenomenon sketch No. 3:

Planets Mercury, Venus and Earth are shown here in one vertical line (to keep gravity factor, like Earth in mind) passing through the centre of the Sun. Great thrust by the blow of solar-ejects has formed long tail from the gassy and stringy matter particles' shell, which surrounds the planet. Long tail confirms that every planet too is facing great thrust (push) from the blow of solar-ejects to keep the planet further away in addition to being away by the centrifugal force.

Note: For thrust (push) by the blow of solar-ejects over the planets Mercury, Venus and Earth; a conical solar-space zone A B C (like practical device already shown) is responsible.



Comparison of thrust/push magnitude over the planets (Mercury, Venus and Earth) because of different diameters by the blow of solar ejects by presuming their density as the same as that of the Earth and also by presuming all planets are over one orbit (but presume all the three planets are at the orbit of the Earth).

SI No.	Description	Mercury	Venus	Earth
1-A	Diameter of the planets in kilometers (KM).	4878	12104	12756
1-B	Diameter of the planets by considering diameter of Earth as standard unit i.e., one diameter unit.	$4878 \div 12756$ =0.382	$12104 \div 12756$ =0.949	$12756 \div 12756$ =1
2	Beam area OR thrust of the solar-ejects affecting the planets i.e., cross section of the sphere (planet) (πr^2)	$22 \div 7 (0.382 \div 2)^2$ =0.115	$22 \div 7 (0.949 \div 2)^2$ =0.708	$22 \div 7 (1 \div 2)^2$ =0.786
3-A	Volume of the planets by considering diameter of the Earth as standard i.e., one dia unit ($4 \div 3 \pi r^3$).	$(4 \div 3) \times (22 \div 7) \times (0.382 \div 2)^3 = 0.029$	$(4 \div 3) \times (22 \div 7) \times (0.949 \div 2)^3 = 0.448$	$(4 \div 3) \times (22 \div 7) \times (1 \div 2)^3 = 0.524$
3-B	Mass of the planets; if mean density of all the planets are the same as that of the Earth i.e., 5.52gm/cm ³ . Formula= Volume x Mean density	0.029×5.52 =0.160	0.448×5.52 =2.473	0.524×5.52 =2.893
4-A	Conclusion: Thrust/push magnitude and mass ratio of the planets by the blow of solar/ejects over the planets by presuming mean density of all the planets as same as that of the Earth and also by presuming that if all the planet are placed at the same orbit as that of the Earth.	$0.115 \div 0.160$ =0.719	$0.708 \div 2.473$ =0.286	$0.786 \div 2.893$ =0.272
4-B	Thrust/push magnitude and mass ratio by considering thrust factor over the Earth as standard i.e., one thrust unit.	$0.719 \div 0.272$ =2.64	$0.286 \div 0.272$ =1.052	$0.272 \div 0.272$ =1
5	Final conclusion: If Earth is facing thrust/push magnitude by the blow of solar-ejects over its actual orbit as one thrust unit; Venus at the presumed orbit of the Earth and with the same density of the Earth would be facing 1.052 thrust units and Mercury at the presumed orbit of the Earth would be facing by the same principle 2.64 thrust units. Thus Mercury and Venus both at the said location by their smaller sizes must be further away from the Earth. But whereas calculated mean densities of the planets (Mercury and Venus) have been calculated even lesser than the Earth. In such case with the calculated mean densities; the planets Mercury and Venus would go further away beyond Earth as said earlier by having density same as that of the Earth. True (existing) locations of the planets Mercury and Venus are much ahead to the Earth and close to the Sun, so real mean-densities of both the planets are much higher than the Earth.	 <p>Actual orbit of the Earth (E), Presumed location of Venus (V) and Presumed location of Mercury (M); all three planets over the one orbit (orbit of the Earth) with presumed same mean-densities as at of the Earth.</p>		

Data for mean-density of Venus by the magnitude of its atmosphere: Calculation of mass of the Venus in Earth-mass unit by considering different supposed densities of the Venus. Volume of the Venus has been calculated in approximation as calculated above (at SI 3A) in 0.448 Earth units. Mass of Venus by considering mean-densities as 5.52; 6.00, 7.00 and 8.00gm/cm³ would be as under. Mass of the Earth, in Earth units has been calculated above, which is 2.893 Earth mass units.

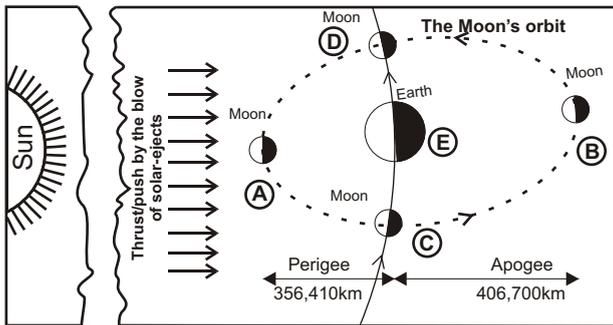
3-C	Mass of the planet Venus; if mean density is 6gm/cm ³	-----	0.448×6.00 =2.688	-----
3-D	Mass of the planet Venus; if mean density is 7gm/cm ³	-----	0.448×7.00 =3.136	-----
3-E	Mass of the planet Venus; if mean density is 8gm/cm ³	-----	0.448×8.00 =3.584	-----
3-F	If mass of the Earth is considered as one Earth mass unit; then mass of the Venus in Earth units by supposing mean-densities 5.52gm/cm ³	-----	$2.473 \div 2.893$ =0.855	$2.893 \div 2.893$ =1.000
3-G	If mass of the Earth is considered as one Earth mass unit; then mass of the Venus in Earth units by supposing mean-densities 6gm/cm ³	-----	$2.688 \div 2.893$ =0.929	$2.893 \div 2.893$ =1.000
3-H	If mass of the Earth is considered as one Earth mass unit; then mass of the Venus in Earth units by supposing mean-densities 7gm/cm ³	-----	$3.136 \div 2.893$ =1.084	$2.893 \div 2.893$ =1.000
3-I	If mass of the Earth is considered as one Earth mass unit; then mass of the Venus in Earth units by supposing mean-densities 8gm/cm ³	-----	$3.584 \div 2.893$ =1.239	$2.893 \div 2.893$ =1.000

Comparison of thrust/push magnitude by the blow of solar-ejects over the Moon and the Earth confirms that magnitude of thrust/push by the blow of solar-ejects is great at least up to the planet Earth.

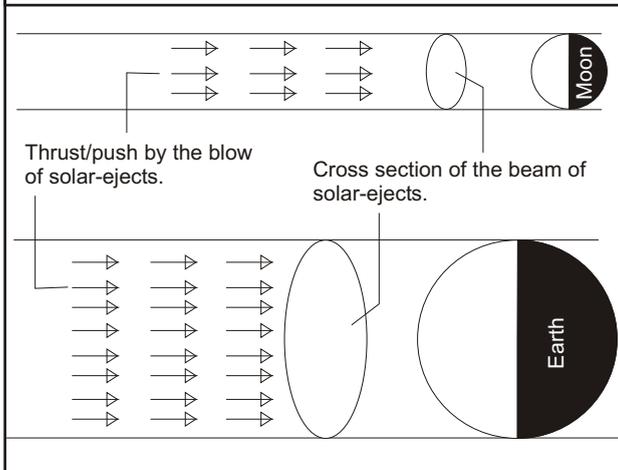
Experts have not given deep thought over the thrust/push to planets and satellites by the blow of solar-ejects in the sense, the Challenger has understood.

Moon is closer to the Earth when it is closer to the Sun and further away from the Earth when away from the Sun.

Said phenomenon of the Moon is because of thrust/push magnitude difference by the blow of solar-ejects because size and density (Mass) of the Moon and the Earth are different. Moon's diameter is 27% of the diameter of the Earth and mass of the Moon is 1/81 mass of the Earth. So, at the same distance from the Sun, Moon faces 6 times greater thrust than the Earth by the blow of solar-ejects. Said phenomenon proves that thrust/push by the blow of solar-ejects result to cause a great thrust over the satellites and planets to push them away from the Sun. Explanation is under chapter 'MOON' under title: MATERIALISTIC UNIVERSE.



Beam of thrust/push by the blow of solar-ejects over the Moon and Earth:



Confirmation that planets formed near the stars (Sun) have higher mean-densities by the discovered phenomenon that most stars surround the disc of matter.

Astronomers have now come to know that small objects and particles of the matter surround a star in the form of a disc before formation of the disc-matter to planets. This fact by the blow of solar-ejects confirms that what has been discovered and claimed by the Challenger about mean-densities of the planets (Mercury, Venus and Earth) that is correct.

The true fact is that the planets have been formed from the masses/particles, which once were surrounding the Sun in the form of a disc. Thrust/push by the blow of solar-ejects and pull by the gravity of the Sun have arranged the masses in the disc by the simple Physics law of thrust/push (against gravity pull) by the fluids and gases over the solid objects as per their surface-area (beam cross-section of the fluid/gases/ solar-ejects) and mass/density ratio by keeping the densest masses/ particles nearer the Sun and lighter at far away. These

objects on clubbing together have formed cores of the planets. This phenomenon confirms that the core of the planet Mercury is formed of the densest-mass and density of the core of planet Venus is in between the Mercury and the Earth. By keeping said fact into account, mean-density of the planet Venus is greater than the Earth and Mercury is the densest among the Venus and the Earth.



Magnitude of the error in calculating mean-densities of the planets of solar system varies planet to planet:

Thrust/push to a planet by the blow of solar-ejects form error in calculating mean-density of the planet; greater the magnitude of thrust/push, the greater is the error. So, if we move towards the Sun from our Earth, calculated mean-density of the planet Mercury would have greater difference with the actual (real) mean density of the Mercury than the planet Venus. The said error would keep on declining by the low and further low intensity of thrust/push by the blow of solar-ejects as we move away towards the outer end of the solar system.

Another factor of Repulsion by the materialistic rays of the planet and the Sun too plays its role in keeping the planets/objects away from each other. (Explanation of the said repulsion factor is over the Internet under title: MATERIALISTIC UNIVERSE). The planets, which generate their own rays besides radiating, they would have greater difference in the calculated mean density than its real mean density. Repulsion by the materialistic rays of the Earth and by the Moon is also there but not absolute zero thus there would be some difference in calculated mean density of the Moon than its real mean density (This claimed fact can be confirmed by the precise practical measurement of the mass of the Moon, like Scientists have measured the mass of the Earth thus its mean density).

The best planet to perform the said practical experiment is the Mercury, which would prove the claimed discovery fact without any doubt. So, mass of the planet Mercury must be measured, like that of the Earth to know its real mean-density.

World Challenged (July, 2007)

Challenge to the World is not confined only over the stated discovery over Mean-densities of the planets but the World has been challenged for wrong knowledge over some basics of Astronomy and also over the basics of States of the matter and Light/Rays (Rays of any kind). Discovery has solved most riddles and queries, pertain to the said subjects. Discovery challenge is to the basics, so the said challenged subjects require re-write.

Discovery Patent: Patent Application No. "2863/DEL/2010" by "Ramesh Chander Varma (INDIA)". Title: "Materialistic Universe and working mechanism of celestial-bodies based over materialistic-rays."

Discovery claim: (World challenged 2007) from: Ramesh Varma #852, Sector-8 Panchkula (Haryana) INDIA

E-mail: ramesh_varma@newtonugeam.com Website: www.newtonugeam.com

Discovery facts have been read, understood, confirmed and edited by Deepak Varma.