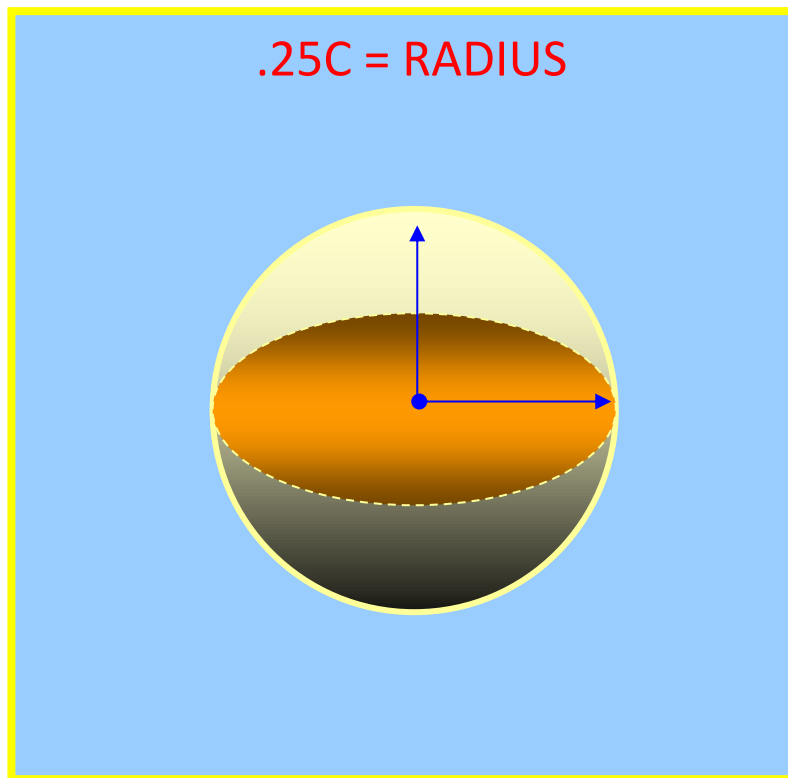


MATHEMATICAL ERROR REVEALS DARK MATTER IS NONEXISTENT.

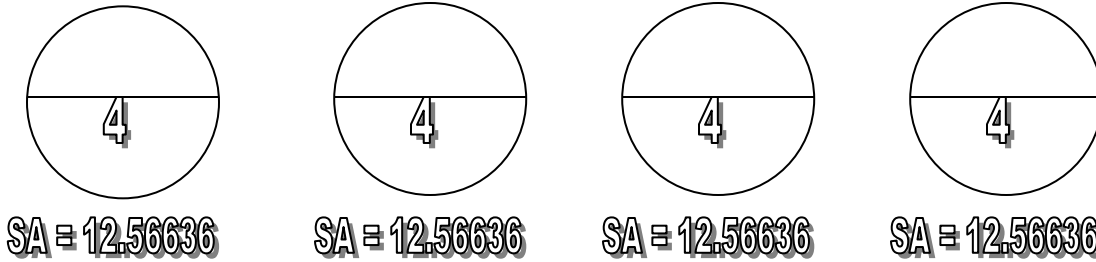
LAVIOLETTEIAN RADIUS PROJECT SOLEDAD. INTRODUCTION LECTURE.

SPHERICAL SURFACE AREA FROM THEORY TO THEOREM.



By Eugene J. Laviolette.

Why is it incorrect to calculate Spherical Surface Area from four Great Circles?



It is incorrect because it will understate true surface area of the Third-Dimensional Sphere and does not account for all the matter needed to be transferred from the Second-Dimensional plane, evident by the additional Lavioletteian 23.36985 % of missing matter now being utilized.

PURPOSE: To prove Procedural conversion of Conventional Second-Dimensional calculations to Third-Dimensional expression relevant to the sphere reflects a loss of **23.36985 %** of Surface Area on the Second-Dimensional plane, because the total Surface Area of **four Great Circles** converts circles to squared units inaccurately, relevant to expressing surface area on a Third-Dimensional Sphere, as well as, an accurate percentage amount of mass. Third-Dimensional surface area and matter distribution is affected.

ACCRETION PROCESS:

It is not known with certainty how planets are formed. The prevailing theory is that they are formed during the collapse of a nebula into a thin disk of gas and dust. A protostar forms at the core, surrounded by a rotating protoplanetary disk. Through accretion (a process of sticky collision) dust particles in the disk steadily accumulate mass to form ever-larger bodies. Local concentrations of mass known as planetesimals form, and these accelerate the accretion process by drawing in additional material by their gravitational attraction. These concentrations become ever denser until they collapse inward under gravity to form protoplanets.

A planet's defining physical characteristic is that it is massive enough for the force of its own gravity to dominate over the electromagnetic forces thus binding its physical structure leading to a state of equilibrium but is not massive enough to cause thermonuclear fusion.

Orbital clearing: The defining dynamic characteristic of a planet is that it has *cleared its neighborhood*. A planet that has cleared its neighborhood has accumulated enough mass to gather up or sweep away all the planetesimals in its orbit.

All celestial **stars** and **planetary-mass objects** massive enough for the force of its own gravity to dominate **become rounded under its own gravity** binding its physical structure, leading to a state of equilibrium. This effectively means that they are spherical or spheroidal. Up to a certain mass, an object can be irregular in shape, but beyond that point, which varies depending on the chemical makeup of the object, gravity begins to pull an object towards its own center of mass until the object collapses into a sphere.

NEW CONCEPT:

Laviolette's Superior Circles imply there is more matter and more Spherical Surface Area.

The fact is a sphere cannot be assembled or arced from the Second Dimensional plane and maintain its proper Great Circle diameter without creating depth due to the fact Second-Dimensional circumference must be decreased as the arced hemisphere forms a Third-Dimensional figure.

IS IT JUST A COINCIDENT A PROCEDURAL MATHEMATICAL ERROR REVEALS 23.36985 % MORE BARYONIC MATTER and that Dark Matter inferred a 23 % increase of an unknown source of matter?

Mathematical discovery corrects a geometrical error intrinsic in the work of Archimedes.

What is the nature of "**DARK MATTER**", this mysterious material that exerts a gravitational pull, but does not emit nor absorb light? Astronomers do not know.

Dark Matter is not made of atoms? Scientist are looking for something that has mass but isn't made of atoms. Something that is everywhere but cannot be seen. Something that exerts a gravitational pull, but does not emit nor absorb light.

New results will dramatically change the scientific perception of our Universe.

GEOMETRY: HOW ACCURATE IS IT?

***I BELIEVE THE FLAW I DISCOVERED IN GEOMETRY WILL
MATERIALIZE DARK MATTER.***

**THE FLAW HAS MASS BUT ISN'T MADE OF ATOMS.
THE FLAW IS EVERYWHERE AND HAS NOT BEEN SEEN.
THE FLAW EXERTS A GRAVITATIONAL PULL, BUT DOES NOT EMIT NOR ABSORB LIGHT.**

The following explanation will explain why **it appears** we have 23 % of missing matter.

Laviolette's Superior Circles are drafted from SETTLED SPHERICAL DIAMETERS.

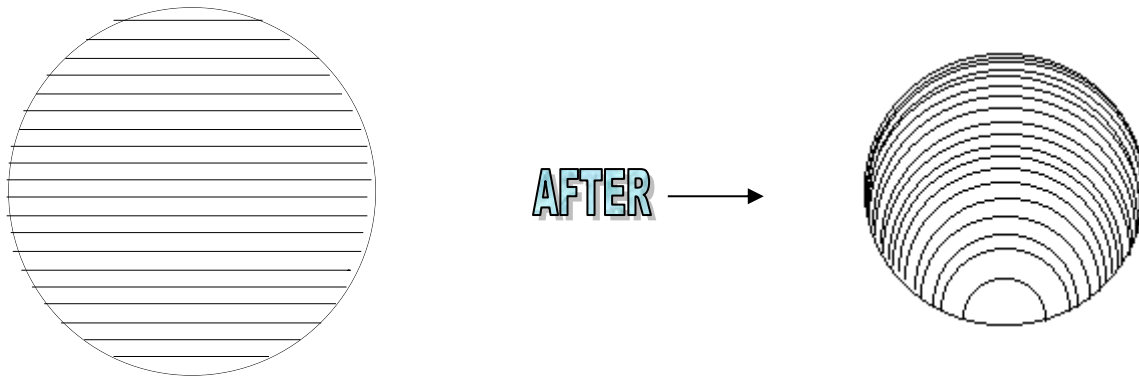


When the Sphere is converted to a Lavioletteian Superior Circle its settled diameter is the correct diameter to calculate Surface Area of that Third-Dimensional Sphere.

Disk in the picture above represents Third-Dimension unsettled matter, **having depth**, before gravity begins to pull the disk towards its own center of mass until the disk collapses into a sphere retaining all the settled matter for that sphere after **Orbital Clearing**. If you visualize the disk in the picture above as a converted hemisphere into a Lavioletteian Superior Circle you can look down upon it to see and calculate Third-Dimension Spherical Surface Area on a Second-Dimensional Plane. However, the Lavioletteian Superior Circle's diameter can never exceed $\frac{1}{2}$ of the targeted settled Spherical Circumference after the spherical collapse. A sphere's two Superior Circle's on a Second Dimensional plane reveals total Surface Area coverage of all matter in the sphere **having no depth on a Second Dimensional plane**. In addition, when the Superior Circle's return to a sphere the matter is redistributed to the surface and ball of the sphere.

The **Third-Dimensional Sphere** must also be assembled from the Second-Dimensional plane. Two hemispheres **ARCED** from the second-dimensional plane **CREATES** the **Third-Dimensional Sphere**. Lavioletteian Superior Circles contain the proportionate amount of material needed to create hemispheres yielding the **desired diameter of a sphere**. One cannot calculate surface area of a **Third-Dimensional** sphere until the proper circle has been drafted on the Second-Dimensional plane. Once the proper circle is constructed you can calculate surface area of a **Third-Dimensional** sphere on the **Second-Dimensional plane** utilizing Laviolette's method.

SUPERIOR CIRCLE diameter = 6.28318 inch divided by ($\frac{1}{2}$ pi) 1.570795 equals 4 inch HEMISPHERE diameter.



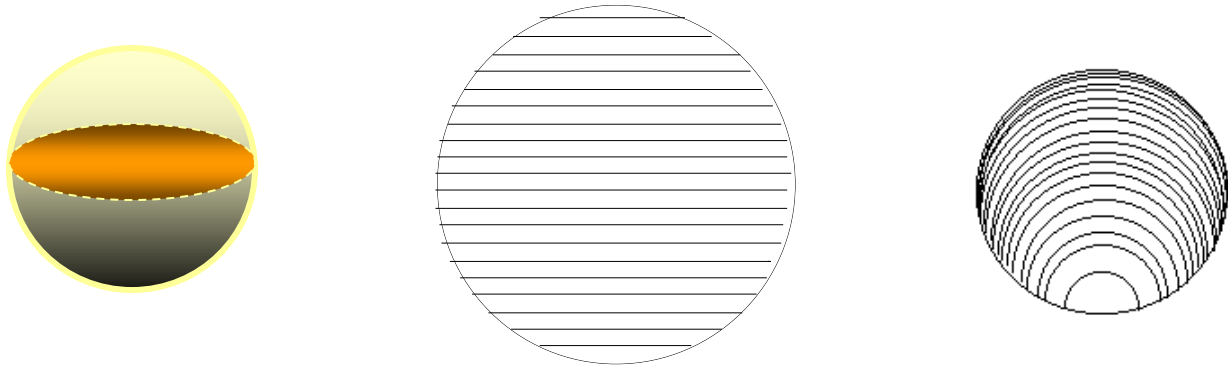
CONVERTED BY ARCING CORDS.

We calculate clusters and super-clusters spherically when weighing the Universe. Therefore, Lavioletteian Second-Dimensional plane, representing surface area of a sphere, **REVEALS** 23.36985 % **more** universal missing matter referred to as **DARK MATTER**. It **VALIDATES** 23.36985 % **more** force, mass, weight, source strength, and resistance known to the scientific community. In addition, it **REVEALS** 11.07198 % **more** Third-Dimensional Spherical Surface Area. Also, 52.62281% of the additional matter is allocated to the ball of the sphere.

CLARIFICATION STATEMENT:

Any reference of **Third-Dimensional from Second Dimensional** stated herein means: String material was placed on a flat surface having **Length and Width**, then reshaped to view a **Third-Dimensional figure or shape**, without adding or removing any material covering the **Second-Dimensional Plane Superior Circular figure**.

Therefore it is imperative that the diameter of a circular construction on the Second-Dimensional plane be equal to the 180 degree arc of the hemisphere. After the Second-Dimensional figure has been covered with cords of string matter material it can be arced into hemispheres returning to its original Third-Dimensional Spherical Great Circle Diameter. Two hemispheres equal a complete Sphere.



Any formula utilizing four pi radius squared or any multiple of the formula understates its universal worth.

The Lavoletteian Surface Area yields 23.36985 % more surface area on the Second-Dimensional Plane .

The Contemporary Superior Circle's answer is the same as 4 Great Circles utilizing four pi radius squared.

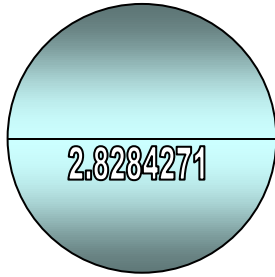
As you know material from **two Contemporary Great Circles** would be needed to ark a Contemporary Hemisphere from a **Contemporary Superior Circle**. Let us demonstrate by using a Settled Spherical Great Circle of 2 inches.

As you can see below the **Contemporary Superior Circle**, consisting of 2 Conventional Great Circles, is only **90.0317 %** of a Lavoletteian Superior Circle and it can only ark back to a Great Circle of **1.8006341 inch instead of the required 2 inches.**

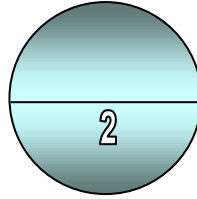
**Conventional SUPERIOR CIRCLE diameter = 2.8284271 inch divided by ($\frac{1}{2}$ pi)
1.570795 equals a 1.8006341 inch HEMISPHERE Great Circle Diameter.**

The Lavoletteian Superior Circle arcs back to a Great Circle of 2 inches as required.

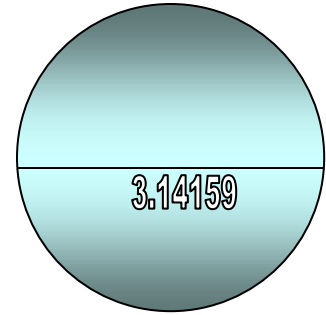
**Lavoletteian SUPERIOR CIRCLE diameter = 3.14159 inch divided by ($\frac{1}{2}$ pi) 1.570795
equals a 2 inch HEMISPHERE Great Circle Diameter.**



Contemporary Superior Circle.



Settled Spherical Great Circle.



Lavioletteian Superior Circle.

LAVIOLETTEIAN FORMULARS:

SURFACE AREA OF A SPHERE ON SECOND-DIMENSIONAL PLANE IS:

**NEW FORMULA (MOST ACCURATE) .25C=RADIUS
(TWO PI RADIUS SQUARED = SURFACE AREA)**

SURFACE AREA OF A SPHERE ON THIRD-DIMENSIONAL PLANE IS:

**NEW FORMULA (MOST ACCURATE) .25C=RADIUS
(TWO PI RADIUS SQUARED TIMES .900317= SURFACE AREA)**

The following represents Lavioletteian percentage of redistribution for the standard model of the Universe.

Baryonic Matter 4.9% + 23.36985% = 28.26985 % + 71.73015% Energy = 100 % Universe.

The additional 23.36985 % of matter in Lavioletteian Superior Circles reveals itself as 11.07198 % allocated to surface of the Sphere and 12.29787 % allocated to the ball of the sphere.

Mathematics must be calculated from a source and its quantity, measurement or dimension rather than an approximation of an assumption relevant to proportionality.

Eugene J. Laviolette