Text 1.

The

Gravity – **G** – Factor

by

Paul Welk

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REV May 8, 2019
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PRESSURE PRESSURE

**G
R
A
V
I
T
Y**

Pull

Gravity is a most common, and yet a most enigmatic force. Everyone depends on it, yet who understands it? Every plumb line points to the center of earth. But what is the pressure down there? Advocates of a two dimensional Well Concept on pressure assume and project that this pressure is very high. Applications of this false Well Concept produced false concepts about Black Holes at centers of galaxies, fictitious nuclear reactors in planets and stars, the Bohr Model of Atoms, and much more.

Since antiquity, gravity (Latin *gravitas*) was and is linked with weight and pressure. Newton's Law confirmed the opposite: 1. Gravity does not push. 2. Gravity pulls and creates pressure. 3. Gravity is a constant, non-polar, omnidirectional, calculable, drawing force between all atomic substances. To confirm/disprove this, the author devised spreadsheets to calculate, Gravitational Directional Internal Force Factors, which exist in any atomic object, on Earth, and in space, even the universe, according to Newton's m_1m_2/r^2.

The Hydrogen   Atomic Engine

Index of Content

Figure 2.

Cumulative Three Dimensional Vector Values of Gravity in a Sphere.
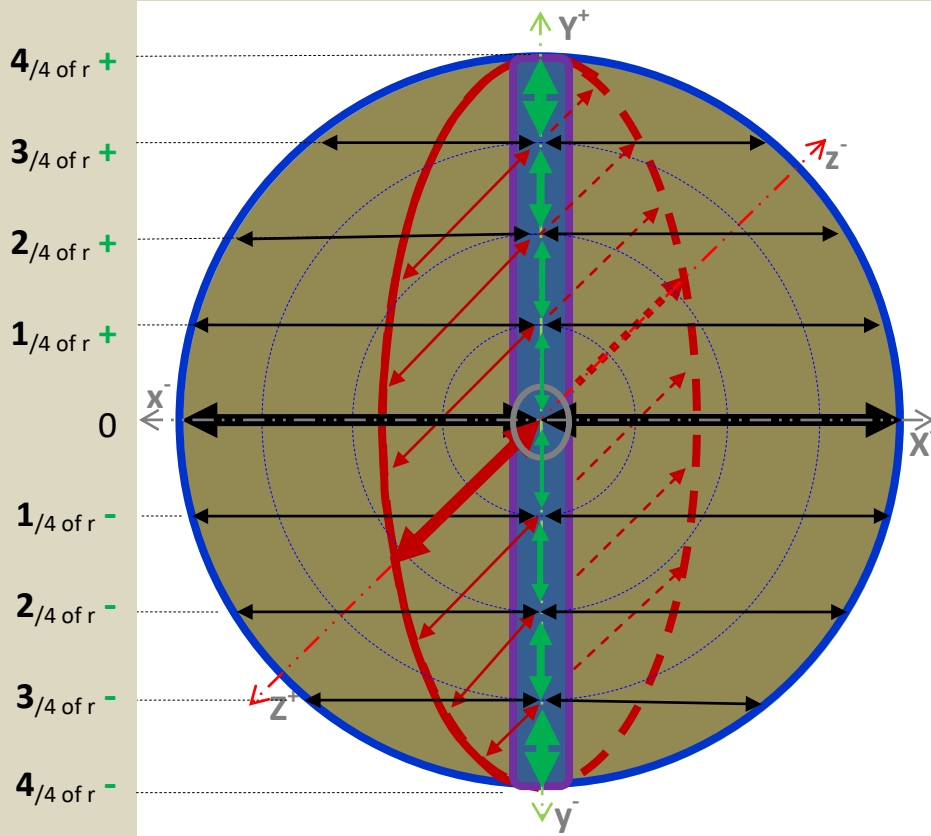
Gravity is a three-directional force between any/every atomic matter; it has vector-like vertical and horizontal values, which accrue, or cancel each other at xyz axes.

If a sphere, like Earth, were dissected by a hypothetical Tube/Well, and through the surface ends of the Tube/Well two plumb bobs and lines were lowered, then the plumb lines would be perfectly aligned with the y axis.

Tables 1-4 are calculation results of the incremental Gravimetric Directional Internal Force Factors along the y axis at ¼ radius intervals, in a hypothetical Tube/Well if exterior affects of gravity are ignored.

Tables 5-10 are calculation results of the incremental GDIF Factors, if the same Tube/Well is considered in proper context with Earth.

Text 2.

Introduction to Tables 1-4

1. **G**ravitational **D**irectional **I**nternal **F**orce **F**actors (GDIFF) are calculated as per GDIFF=m_1m_2/r^2, where m_1 and m_2 correspond to the respective units of volume and density of mass (deemed to be 3), and where **r** is a $1/8^{th}$ multiple of the length of the Tube/Well. (The different colored spherical rings indicate the radius where identical GDIF Factors would occur, if xyz axes were to rotate, as in spheres.)
2. To attain true arithmetical calculations in **Tables 1-4**, it must be assumed that no additional external factors, pressures, or inertia apply. (**Tables 5-10** take external gravitational factors into consideration.)
3. The intent is not to establish a new system of measuring gravity but to reveal the truth about gravity and pressure within spheres. To do so clearly, most simplistic numerical examples were selected.

Table 1.

Gravitational Directional Internal Force Factors in a Tube/Well

False Well Concept	Points: A1|B1 same as A2|B2								Gravity Push/Pull	Gravity Pull	Balance
	X/8 Earth	y		r_x	r_{x2}	m_1	m_2	Subtotals	Push/Pull	Pull	
↓ 3	1			1	1	3	3	9.00	↓	9.00		At A₁|B₁
↓ 6	2			1	1	3	3	9.00	↑		13.60	4.60
↓ 9	3			2	4	3	3	2.25	↑			
↓ 12	4			3	9	3	3	1.00	↑			
↑ 12	5			4	16	3	3	0.56	↑			
↑ 9	6			5	25	3	3	0.36	↑			
↑ 6	7			6	36	3	3	0.25	↑		13.60	4.60
↑ 3	8			7	49	3	3	0.18	↑	9.00		At A₂|B₂
P = HxD		x						m_1m_2/r^2	Gravity Pull	Pressure Push	

Table 2.

Gravitational Directional Internal Force Factors in a Tube/Well

False Well Concept	X/8 Earth	0	r_x	r^2	m_1	m_2	Subtotals		Gravity Push/Pull	Gravity Pull	Balance
Points: B1|C1 and B2|C2											
↓ 3	1	A₁	2	4	3	3	2.25	↓			
↓ 6	2	B₁	1	1	3	3	9.00	↓	11.25		At B₁|C₁
↓ 9	3	C₁	1	1	3	3	9.00	↑		13.42	2.17
↓ 12	4	D₁	2	4	3	3	2.25	↑			
↑ 12	5	D₂	3	9	3	3	1.00	↑			
↑ 9	6	C₂	4	16	3	3	0.56	↑		13.42	2.17
↑ 6	7	B₂	5	25	3	3	0.36	↑	11.25		At B₂|C₂
↑ 3	8	A₂	6	36	3	3	0.25	↑			
P = HxD	Water Density 1	0	Earth Density ~3				m1m2/r2				

Table 3.

Gravitational Directional Internal Force Factors in a Tube/Well

False Well Concept	X/8 Earth	0	r_x	r^2	m_1	m_2	Subtotals		Gravity Push/Pull	Gravity Pull	Balance
Points: C1|D1 and C2|D2											
↓ 3	1	A₁	3	9	3	3	1.00	↓			
↓ 6	2	B₁	2	4	3	3	2.25	↓			
↓ 9	3	C₁	1	1	3	3	9.00	↓	12.25		At C₁|D₁
↓ 12	4	D₁	1	1	3	3	9.00	↑		13.17	0.92
↑ 12	5	D₂	2	4	3	3	2.25	↑		13.17	0.92
↑ 9	6	C₂	3	9	3	3	1.00	↑	12.25		At C₂|D₂
↑ 6	7	B₂	4	16	3	3	0.56	↑			
↑ 3	8	A₂	5	25	3	3	0.36	↑			
= HxD	Water Density 1	0	Earth Density ~3				m1m2/r2				

Table 4.

Gravitational Directional Internal Force Factors in a Tube/Well

False Well Concept	X/8 Earth	0	r_x	r^2	m_1	m_2	Subtotals		Gravity Push/Pull	Gravity Pull	Balance
Point: D1|D2											
↓ 3	1	A₁	4	16	3	3	0.56	↓			
↓ 6	2	B₁	3	9	3	3	1.00	↓			
↓ 9	3	C₁	2	4	3	3	2.25	↓			
↓ 12	4	D₁	1	1	3	3	9.00	↓	12.81	12.81	0.00
↑ 12	5	D₂	1	1	3	3	9.00	↑	12.81	12.81	0.00
↑ 9	6	C₂	2	4	3	3	2.25	↑			
↑ 6	7	B₂	3	9	3	3	1.00	↑			
↑ 3	8	A₂	4	16	3	3	0.56	↑			
P = HxD	3	0	Earth Density ~3				m1m2/r2				

Text 3.

Conclusions Derived From Tables 1-4.

1. **Tables 1-4** reveal that gravitational forces exceed the cumulative totals of density, as in the Well concept; since $m_1 \times m_2$ is greater than $m_1 + m_2$, when r is 1; and when r is greater than 1, $m_1 \times m_2$ may be less than $m_1 + m_2$. Therefore of necessity, the Well concept is absolutely wrong.

2. **Table 1** reveals extremely valuable information, since in the Tube/Well, vector/arrow **Y** is greater than **X**:
   a. It explains why long narrow objects cannot exist in space; they end up as spheres, even as raindrops do. For gravitational forces generate a pressure, which of necessity must be equal in all directions; since this pressure cannot be greater than the force that generated it, it exudes pressure, which pushes mass outward along **x** and **z** axes, until a newly formed lateral force of gravity of relocated mass generates an equilibrium.
   b. Since the force of gravity does not diminish, when pressure can no longer relocate mass once a sphere is formed, the force of gravity generates heat instead of movement. Hence the Paul Welk law:
   The force of gravity is a source of un-diminishing energy.

Introduction to Tables 5-10

1. Newton's Law, m_1m_2/r^2, has very limited application as in hypothetical **Tables 1-4,** or in isolated specific narrow-focused two-directional situations such as Earth and Moon, Earth and Sun. However, Newton's Law is utterly useless, if the utterly complex gravitational forces between every celestial body in the three dimensional universe, or every atom within a drop of water were to be determined. Another example, where Newton's Law breaks down: If at the point, where two pennies touch and **r**, in m_1m_2/r^2, is zero, the gravitational force would be infinitely great, and the pennies could never be separated again. A new universally applicable system of measuring gravity is required.

2. Since gravity ultimately produces spheres and since gravity is directly proportional to the volume and the density of atomic substances and indirectly proportional to distances, any GDIFF calculations of spheres, such as in Earth, must include, the formula which determines the volume $(4/3\pi r^3)$, and the surface of the sphere $(4\pi r^2)$. The center point of **r** must be known, or at least be assumed to be known. Any calculations, which start from the outside in, from the top down, as in the Well Concept, are guaranteed to be wrong.

3. Therefore, calculations on gravitational differences, on a unit to unit basis, are based on the radius of a sphere, and of necessity include the volume of the gravitational source and the spherical surface area, which determines the rate at which the force of gravity is diffused. The formula for GDIFF includes
   Density times $4/3\pi r^3$ divided by $4\pi r^2$
   (Simplified as density x radius/3, in short is **d r**/3)

4. Results of calculations can then be compared incrementally to other incremental gravitational force fields, of adjacent sub-spheres, even with far afield substances in the universe, provided formulae take into consideration correct respective distances, densities and volumes. The direction of applied gravitational forces will always be from the greater to the lesser. (To make such figures relevant to the various systems of measurement, respective universal constants may have to be devised.)

Table 5.

Local Gravitational Directional Internal Force Factors in Earth

Well	Point: 0.000001|0.000001 (6,370.994 km from Exterior)							GDIFF	Gravity	Gravity	Directional
Concept	X/8 of Earth	0	r_x	r_x^2	r_x^3	d	Mass	Subtotals	Pressure	Pull	Balance
↓ 3	1 - 1,592 Multiples	A₁	4								
↓ 6	2 - 3,185	B₁	3								
↓ 9	3 - 4,778	C₁	2								
↓ 12	4 - 6,371 6 Meter	D₁	0.000001	1.00E-12	1.00E-18	3	4.19E-18	1.00E-06	1.00E-06	1.00E-06	0
↑ 12	5 - 7,963 off Center	D₂	0.000001	1.00E-12	1.00E-18	3	4.19E-18	1.00E-06	1.00E-06	1.00E-06	0
↑ 9	6 - 9,556	C₂	2								
↑ 6	7 - 11,149	B₂	3								
↑ 3	8 - 12,742	A₂	4								
P = HxD	Water Density 1	0	Density ~3, As in Tables 1-4				d*4/3πr3	Mass/4πr2			

Table 6.

Local Gravitational Directional Internal Force Factors in Earth

Well	Point: C1|D1 & D2|C2 (4,778 km from Exterior)							GDIFF	Gravity	Gravity	Directional
Concept	X/8 of Earth	0	r_x	r_x^2	r_x^3	d	Mass	Subtotals	Pressure	Pull	Balance
↓ 3	1 - 1,592 Multiples	A₁	4								
↓ 6	2 - 3,185	B₁	3								
↓ 9	3 - 4,778	C₁	2								
↓ 12	4 - 6,371	D₁	1	1.00	1.00	3	4.19	1.00	1.00	1.00	0
↑ 12	5 - 7,963	D₂	1	1.00	1.00	3	4.19	1.00	1.00	1.00	0
↑ 9	6 - 9,556	C₂	2								
↑ 6	7 - 11,149	B₂	3								
↑ 3	8 - 12,742	A₂	4								
P = HxD	Water Density 1	0	Density ~3, As in Tables 1-4				d*4/3πr3	Mass/4πr2			

Table 7.

Local Gravitational Directional Internal Force Factors in Earth

Points: 3|4 & 5|6 = C1|D2 & C2 |D2 (4,778 km from Exterior)

Well Concept	X/8 of Earth	0	r_x	r_x^2	r_x^3	d	Mass	GDIFF Subtotals	Gravity Pressure	Gravity Pull	Directional Balance
↓ 3	1 - 1,592 Multiples	A₁	4								
↓ 6	2 - 3,185	B₁	3								
↓ 9	3 - 4,778 C₁		2	4.00	8.00	3	33.52	2.00	2.00	2.00	1.00
↓ 12	4 - 6,371 D₁		1	1.00	1.00	3	4.19	1.00	1.00	1.00	0.00
↑ 12	5 - 7,963 D₂		1	1.00	1.00	3	4.19	1.00	1.00	1.00	0.00
↑ 9	6 - 9,556 C₂		2	4.00	8.00	3	33.52	2.00	2.00	2.00	1.00
↑ 6	7 - 11,149 B₂		3								
↑ 3	8 - 12,742 A₂		4								
P = HxD	Water Density 1	0	Density ~3, As in Tables 1-4				d*4/3πr3	Mass/4πr2			
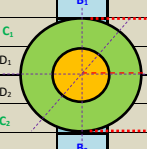
Table 8.

Local Gravitational Directional Internal Force Factors in Earth

Points: 2|3 & 6|7 = B1|C1 & C2|B2 (3,185 km from Exterior)

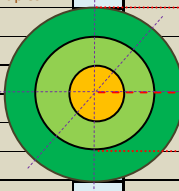| Well Concept	X/8 of Earth	0	rx	rx2	rx3	d	Mass	GDIFF Subtotals	Gravity Pressure	Gravity Pull	Directional Balance
↓ 3	1 - 1,592 Multiples	A₁	4								
↓ 6	2 - 3,185		3	9.00	27.00	3	113.14	3.00	3.00	3.00	2.00
↓ 9	3 - 4,778		2	4.00	8.00	3	33.52	2.00	2.00	2.00	1.00
↓ 12	4 - 6,371		1	1.00	1.00	3	4.19	1.00	1.00	1.00	0.00
↑ 12	5 - 7,963		1	1.00	1.00	3	4.19	1.00	1.00	1.00	0.00
↑ 9	6 - 9,556		2	4.00	8.00	3	33.52	2.00	2.00	2.00	1.00
↑ 6	7 - 11,149		3	9.00	27.00	3	113.14	3.00	3.00	3.00	2.00
↑ 3	8 - 12,742	A₂	4								
P = HxD	Water Density 1	0	Density ~3, As in Tables 1-4				d*4/3πr3	Mass/4πr2			

Table 9.

Local Gravitational Directional Internal Force Factors in Earth

Points: 1|2 & 7|8 = A1|B1 & B2|A2 (4,778 km from Exterior)

Well Concept	X/8 of Earth	0	rx	rx2	rx3	d	Mass	GDIFF Subtotals	Gravity Pressure	Gravity Pull	Directional Balance
↓ 3	1 - 1,592 Multiples		4	16.00	64.00	3	268.19	4.00	4.00	4.00	3.00
↓ 6	2 - 3,185		3	9.00	27.00	3	113.14	3.00	3.00	3.00	2.00
↓ 9	3 - 4,778		2	4.00	8.00	3	33.52	2.00	2.00	2.00	1.00
↓ 12	4 - 6,371		1	1.00	1.00	3	4.19	1.00	1.00	1.00	0.00
↑ 12	5 - 7,963		1	0.00	0.00	3	0.00	1.00	1.00	1.00	0.00
↑ 9	6 - 9,556		2	4.00	8.00	3	33.52	2.00	2.00	2.00	1.00
↑ 6	7 - 11,149		3	9.00	27.00	3	113.14	3.00	3.00	3.00	2.00
↑ 3	8 - 12,742		4	16.00	64.00	3	268.19	4.00	4.00	4.00	3.00
P = HxD	Water Density 1	0	Density ~3, As in Tables 1-4				d*4/3πr3	Mass/4πr2			

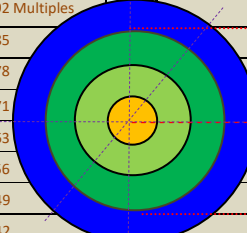## Table 10.

Various Differential Gravitational Force Factors re Earth

Surface ± 0.000001 & Earth's Gravity Strength on Moon

Well Concept	X/8 of Earth		rx	rx2	rx3	d	Mass	GDIFF Subtotals	Gravity Pressure	Gravity Pull	Directional Balance
↓ 3	1 - 1,592	A	4	16	64	3	268.19	4.00	4.00	4.00	3.00
↓ 6	2 - 3,185	B	3	9	27	3	113.14	3.00	3.00	3.00	2.00
↓ 9	3 - 4,778	C	2	4	8	3	33.52	2.00	2.00	2.00	1.00
↓ 12	4 - 6,371	D	1	1	1	3	4.19	1.00	1.00	1.00	-
↑ 12	5 - 7,963		1	1	1	3	4.19	1.00	1.00	1.00	-
↑ 9	6 - 9,556	C	2	4	8	3	33.52	2.00	2.00	2.00	1.00
↑ 6	7 - 11,149	B	3	9	27	3	113.14	3.00	3.00	3.00	2.00
↑ 3	8 - 12,742	A	4	16	64	3	268.19	4.00	4.00	4.00	3.00
0.006 km below Surface			3.999999	16	64	3	268.19		3.999999	3.999999	
0.006 km above Surface			4.000001	16	64	3	268.19		4.000001	4.000001	
Earth's Gravity Strength on Moon			60.34	3640			268.19			0.006	
	Water Density 1		Density ~3, As in Tables 1-4				d*4/3πr3	Mass/4πr2			

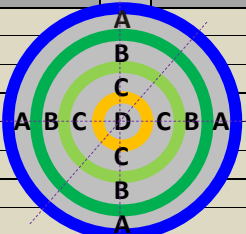https://paulwelk.wordpress.com/

Fig. 3.

Pictorial GDIFF Summaries of Tables 1-10.

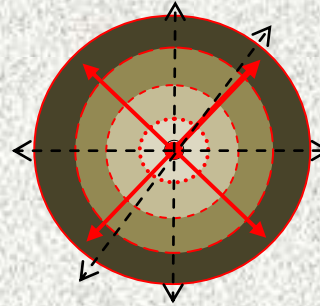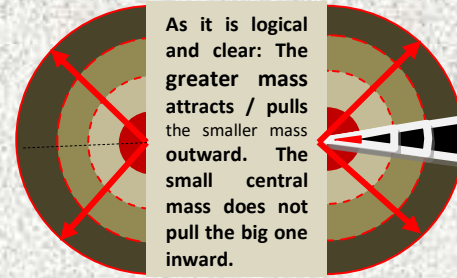| **Fig. 3.1. GDIFF, in Isolated Tubular Column, in Space**	**Fig. 3.2. Local GDIFF, in Earth**
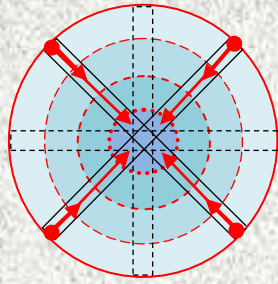
Pressure Progressively Decreases Towards Center
Tables 1-4.
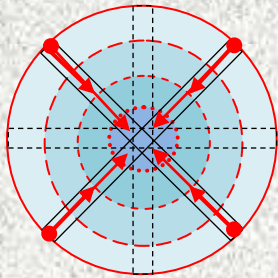
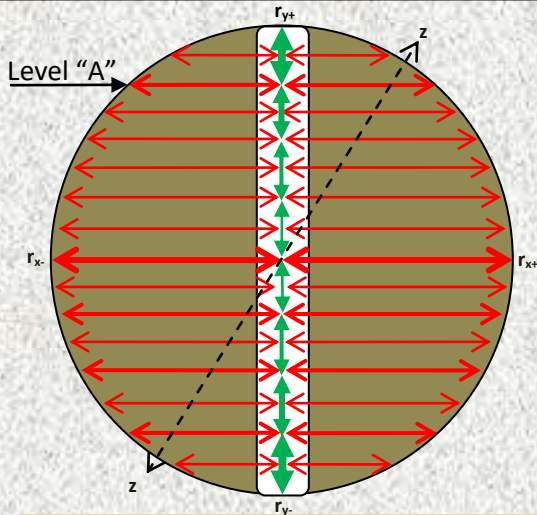**Force of Gravity Progressively Decreases Towards Center**
Tables 1-4.

Pressure and Gravity Progressively Decreases Towards Center
Tables 5-10.

As it is logical and clear: The greater mass attracts / pulls the smaller mass **outward. The small central mass does not pull the big one inward.**
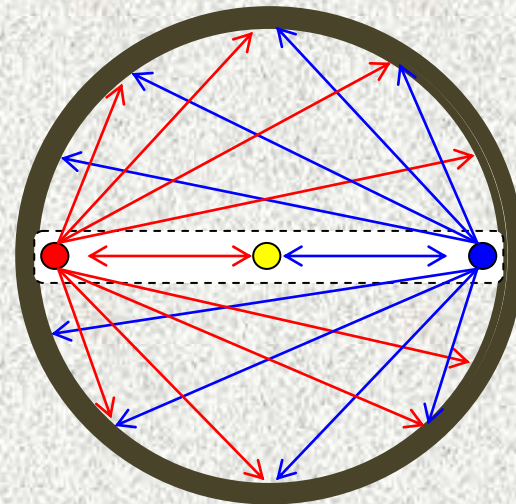
Even the Architectural Roman Arch Principle Nullifies Pressure Toward Center

Fig. 3.3. Vertical and Lateral Forces in Earth at the y Axis.	**Fig. 3.4. Concept of the Gravity Engine, cf. Logo, The Hydrogen Atom.**

Level "A"

r_{y+}
r_{x-}
r_{x+}
z
r_{y-}

1. If two plumb bobs were lowered into two opposing shafts, each descends to center only – not push against the other.
2. **Tables 5-10** mathematically prove why the tension on the plumb line gets to be progressively less, and is **0** at center.
3. If a diver were to descend to Level "A," he is subject to gravitational directional pull differentials **(green arrows)**. (Tables 1-10).
4. But the lateral forces **(red arrows/vectors)**, though greater, are perfectly balanced and thus exert absolutely NO pressure.
5. What applies at Level "A" applies at any level, and most certainly at center also; there is NO lateral pressure.

1. If a shaft with maintained vacuum were through the center of Earth (m_2 ~3).
2. If a gold ball (m_{1a} ~20) were inserted at one end of the shaft, the ball would progressively accelerate toward center.
3. At the other side of center an identical gravity force diminishes its inertia till it reached the same elevation, from which the ball, like a piston in an engine, keeps going eternally. – PERPETUAL MOTION and PERPETUAL ENERGY.
4. If 1-3 were duplicated with a ping pong ball (m_{1b} ~.00?), speed and energy of the two balls would vary in proportion to m_{1a} and m_{1b} for m_2 is constant but $m_{1a,b}$ is not.

Conclusions Derived From Tables 5-10

1. Since in a sphere the force of gravity is directly proportional to mass, which increases exponentially according r^3, the mass and the respective force of gravity of layer **D** is only $1/8^{th}$ of **C**, $1/27^{th}$ of **B**, and $1/64^{th}$ of **A**. It is a mathematical impossibility that **D** should attract **A, B, C** with such force so as to create the astronomically high figures of pressure at the center of Earth, Sun, and Black Holes, as proponents of the Well Concept wrongfully advocate. (They did not do the math; they don't know what they are talking about; the names of Einstein and Hawking will neither justify nor atone their fundamental errors.)

2. It is an invariable law of mathematics, physics, a reality in sports, and the modus operandi in social, democratic, and political life: The greater and the stronger overcome the lesser. The greatest overwhelming force of gravity within any sphere, even atoms, is not manifested at its center but at the greatest circumference, where the greatest volume of mass is.

Addressing Miscellaneous Misconceptions.

1. The greatest misconception about the Well Concept is the failure to realize that looking down into a well may actually be looking up. In reality there is neither down nor up. Only gravity matters.

2. **In anticipation of the argument:** "*Why does pressure in a submarine under water progressively increase in proportion to depth, as indicated by the Well Concept?*"
   If a submarine is 1 km under water, it is indeed under tremendous pressure. But contrary to misconceived public assumptions, it is not 1 km of water, which is pushing against the submarine; *12,741* km of rock and iron, which have an average density of 5.5, are pulling 1 km of water against the submarine. But at a depth of 1 km, the Earth's radius of 6,371 is reduced only to 6,370, which is a change of only 0.015 %, which does not register on conventional pressure gauges; so it appears as if P=HD (Pressure = Height x Depth) were correct, as many Ph.D.s wrongfully took for granted, and virtually every Wikipedia Article asserts.)

3. **The concept "Zero Gravity" is gravely misused and publicly misunderstood.**
   There is no place in the universe, where gravity has no effect. Not even astronauts are exempt. They are 'floating' in space only because they are travelling at just the right speed at right angles to the force of gravity of, so that their inertia counteracts the force of gravity, and effectively generates a centrifugal force, which balances out the force of gravity.

4. **Einstein's popular concept that gravity is caused by warping space time** is an hallucinating pipedream. What was he smoking when he asserted: '*Gravity is caused by a warping of space and time,*' as if time and space were an essence. (Time and space are non-entities, nothing but variants in measuring correlations between entities.) Gravity is not the product of space and time. To the contrary gravity manifests itself in space and time. Below is a simple mathematically verifiable illustration of the interaction of/between two gravitational fields, which may have initiated the fictitious wormhole concept.

Fig. 4.

Interference of a relatively small substance in a huge gravitational force field.
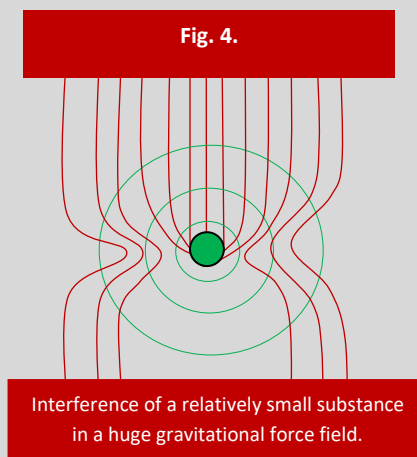
<u>Conclusions And Applications.</u>

1. **According to the above presented facts, every textbook, which refers to physics will be re-written**, because the structure of Earth, Sun, the universe, galaxies, Black Holes, even atoms and molecules diametrically opposes much of what was heretofore assumed. Pressure is not getting greater, as we approach the central essence of mass, pressure is approaching absolute zero. The change is fundamental. It needs the attention and support of influential, reputable scientifically minded authorities.

2. The affirmations need to be recognized as invariable Law:
   a. **Gravity does not push; it pulls.**
   b. **The force of gravity is a source of un-diminishing energy.**

3. **Gravity is presently not regarded as an energy source**, because of an archaic unscientific definition of 'work,' which demands the actual transportation of objects, as if the production of the energy, which is required to transport things, were irrelevant. Gravity exerts such energy. E.g.,
   a. The pulling force of gravity generates pressure, which generates heat, which moves things.
   b. Obstructing the Gravity Engine does not stop it; if so, its energy is translated into heat. E.g.,
      1. Friction causes meteorites and space debris to burn up.
      2. Gravity → Pressure → Heat, not nuclear reaction, causes heat in Earth's mantle and the Sun.

4. **The Gravity Engine drives and affects the universe**. Gravity is manifested on an atomic scale and on a galactic scale, in stars, in planets, within Earth, even in its atmosphere. And at the center of every galaxy is not a consuming Black Hole, but a source of energy, which radiates and projects solar systems into an ever-growing and expanding universe, as GDIFF calculations in Tables 5-10 verify.
   a. **On a Universal Scale**:
      i. Tables 1-4 verify the law: ***The force of gravity is a source of un-diminishing energy,*** this force created every sphere in the universe, which attract each other according to the formula **dr/3** (where **d** is density and volume of mass, **r** is the radius between centers of gravity).
      ii. Well-concept-tinkerers, like Einstein and Hawking, envision that various objects of mass accrue as Stars and ultimately as Black Holes, wherein the pressure is so great that they explode with a Big Bang, whereas according to mathematics and obvious logical principles, it is not the infinitely small center, which attracts the infinitely large exterior surface of mass, to the contrary the large exterior attracts the small interior, until according to the law of gravitational attraction, the accrued mass is so large that it bursts like a soap bubble.
   b. **On an Atomic Scale**:
      i. What applies macroscopically is merely a large-scale application of the atomic microscopic. The concept of a nucleus in atoms, such as the Bohr Model, is a mathematical impossibility. Figure 3.4 in effect is a schematic diagram of an ever-running hydrogen atomic engine.
      ii. Each element has its unique quantity of neutral mass and electrons. Since each electron is negatively charged, electrons never collide in their piston-like movement from shell to shell; in doing so, they alternately create in the opposite side of the shell a positive charge.
      iii. Since it was recently discovered that electromagnetic forces depend on single un-paired electrons, most likely electromagnetic lines and forces are merely dipolar concentrations of a normally omnidirectional a radiating gravitational force field.
      iv. The Periodic Table of The Elements, verifies a geometric spherical relationship of elements. In this table, elements are categorically aligned from top down, according to chemical characteristics. The Table reveals yet another system: The number of elements per level **x** corresponds to geometrical structures of spheres and crystals. ($x^2*2 = 2, 8, 8, 18, 18, 32, 32_{max}$)

5. Finally, concepts like omnidirectional, perpetual motion and eternal energy, infinite in size and detail, invisible yet real, conjure up yet another concept, which humanity can neither see, nor evade – the Eternal God. The three dimensional gravity, the engine of the universe, is in part a natural self-revelation of the Biblical Triune God. The Gravity – **G** – Factor is the God Factor, not merely some enigmatic divinity, but the personal, Biblical, self-revealing Eternal God, for without the energy providing G-Factor, the universe would not exist, and we could not take one step.

Abstract on   by **Paul Welk**

'New' Laws on Gravity

As Manifested in Spheres: Stars, Sun, and Earth

November 2, 2021

Schematic Illustration On Balanced Gravitational Forces Inside Spheres:

Shallow Thinking Promotes: 'Pressures inside earth correlate to layers/weight above,' which produced false fantasies on "Black Holes," "Nuclear Reactions," and more. All this seems to be true, but ONLY near the surface, where counter gravitational forces are so small that they were/are totally overlooked. *Digging deeper* reveals the following:
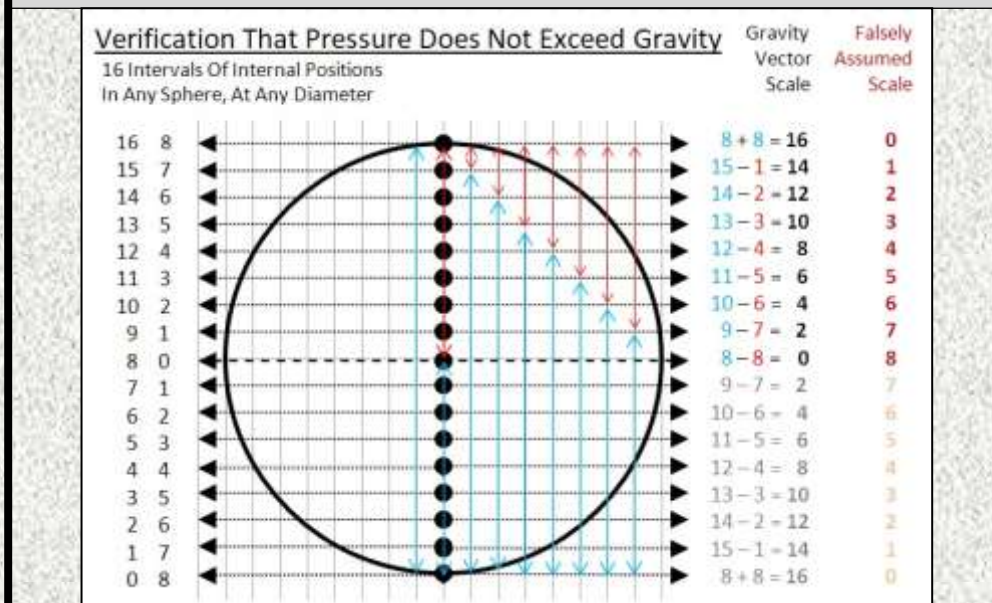
SCIENTIFIC LAWS (and Conclusions):

1. **IN SPHERES, FORCE OF PRESSURE CANNOT EXCEED FORCE OF GRAVITY.**
   (Unique pressures in spheres are a result of gravitational force differences.)

2. **INTERNAL GRAVITATIONAL PULL WITHIN SPHERES IS GREATEST AT THE SURFACE, AND DIMINISHES TO ZERO AT THE CENTER OF GRAVITY**.
   (Since gravity diminishes to zero at the center of gravity, pressure at center of gravity is zero (e.g. soap bubble). If mass has irregular, pliable shape, gravitational pull at all diameters causes a spherical shape.)

Implications:

1. The 'Well Concept' is wrong, and Physics textbooks will have to be re-written.
2. Black Holes of galaxies are likely voids - the eye of universal hurricanes.

Hypothetical Experiment:

If we could excavate a space at the center of earth,
we would find, floating in its midst, the original asteroids, which initiated accumulation.