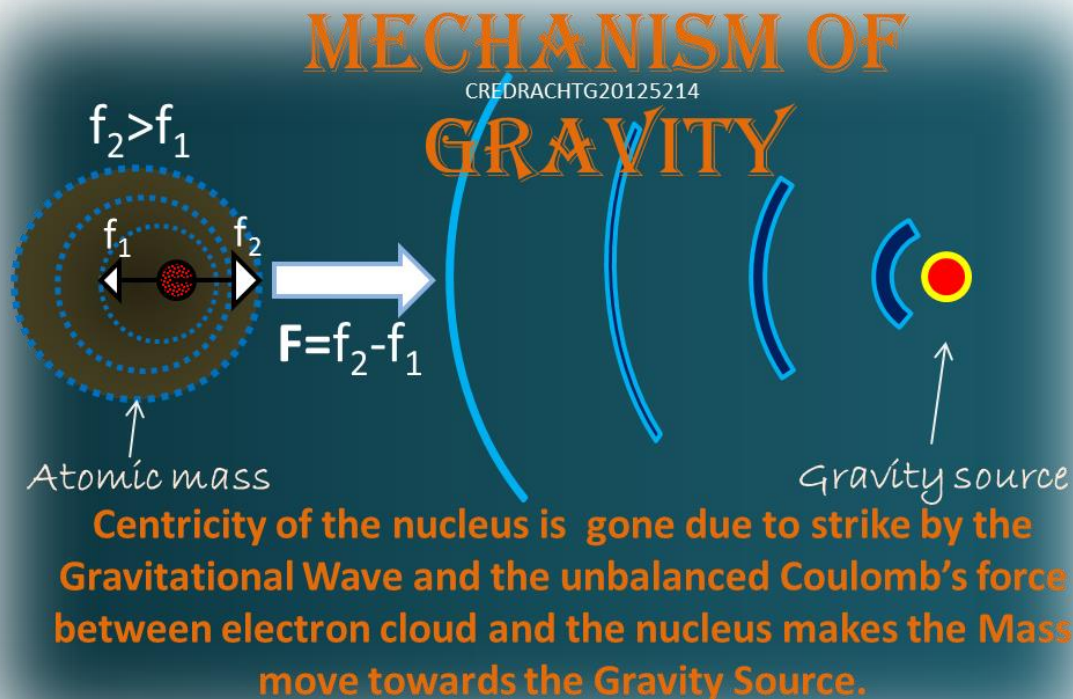


A brief of
Mechanism of Gravity



The Mechanism of Gravity (to be an appendix to Sir. Isaac Newton's theory) :-

Gravity is born due to a FM wave through the space medium transmitted due to vibration of atomic mass. Any secondary atomic mass in the field responds to the wave, through induced attraction within. The attraction is but Coulombs' electromagnetic force unbalance, due to eccentricity occurred in the direction from where the wave attacks.

Description:-

Physics, in hart of general public is being dropped due to observable uncertainty and unsolvable theories of philosophic disciplinary highly facilitated during the mediatory period after Newton. The reality could have been overlooked at afoot while Scientists explored the million light years far Galaxies to find it.

What I feel is, we have been deserted in a thick jungle of unnecessarily created theories and paradoxes paying for the penalty of being too conservative to follow centuries old wrong analytical foot prints of late scientists. We have marched a far distance away from the Reality and it is very difficult now to come back. The reality must be something could be comprehended by human beings or unless it cannot be the Reality. Aren't we struggling to solve all manmade paradoxes?

Cyril H Thalpe Gamage

Sir Isaac Newton was the greatest among all practical scientists but he explained only the physical parameters of the phenomenon called Gravity. The phenomenon is not explained completely until the 'Mechanism behind Gravity', is clearly explained. I firmly believe Scientists of the 21st century can solve this paradox unless they really want to conserve it as a paradox leaving for the future generations to solve.

A Physical Science Student of logical thinking and open mind should ask only two questions;

1. Why Gravity does only attract things and why it doesn't repel, just as in electromagnetism?
2. Why do Gravity attract only 'Atomic mass' and why not other masses such as light , heat, photon, electron, neutron & solar wind etc.?

Before answering above questions we have to clarify what are the '**Three Fundamental Space Matter**' in this world? Solids, Liquids and Gasses must be the sure answer from a student of junior secondary level. But you know they are only the three phases of the same '**Atomic Matter**'. Then what are photons, electrons, light, heat and solar wind etc.? Do not they possess masses?

Perhaps they are tougher and stronger than 'Atomic Mass'. How about a lightning stroke which can break even a rock boulder in to pieces? A dynamic potential flow of electrons don't respond at all for the so mighty force of Newton's Gravity. Therefore this special category of Matter has to be recognized as '**Energy Matter**' in the world. 'Solar wind' too belongs to that category because it is made up of weakly charged energy particles emitted from Sun and if it responds for gravity, it should have accumulated around Sun without travelling so far towards us in the solar system.

Then what is the third category of Matter? It is the '**Space Medium Matter**'. The space is densely filled with this invisible static matter to make a gassier fluidic medium. That has a Density and a Pressure too which can be derived mathematically. (pl ref 'Space Dynamics-V1/2009-for mathematical derivations). Let's then summarize the three fundamental space matter such as;

1. **Atomic Matter**-(everybody knows it as **internal rotary organizations** where electron clouds are vigorously orbiting the nucleus)
2. **Energy Matter**-(line projection of energy particles- But we cannot identify them when speed is lost. Have you ever seen an electron at a stop?)
3. **Medium Matter**-(densely packed particles of speed lost static Energy Matter).

Now only the Mechanism of Gravity can be analyzed because the different behavior of '**Energy Waves**' and '**Energy Rays**' could never be distinguished until the **Space Medium** is well defined. Energy rays such as light, heat X-ray etc. don't need a medium to travel because they are line projection of energy particles like photons.

But waves such as, natural sounds, electromagnetic sound Radio (FM or AM), TV, Radar etc need a medium to travel. Natural sounds simply need atmospheric medium to transmit but other electromagnetic waves essentially need the free 'Space Medium' to transmit the signal. '**Pressure**' is the most influential parameter of any medium for **efficiency** in transmitting energy waves.

Gravity too is born due to a FM wave of high frequency and of the same speed of light. (pl ref 'Space Dynamics-V2/2009-for frequency and speed analysis of the gravitational wave)

Put a fly in to calm water and you would observe tiny waves generating round and round. That is how atomic masses produce gravitational waves in the space medium due to vibration. A single atom can be considered as a massive rotary organization in which electrons are orbiting vigorously round the nucleus. Students know any rotary machine in the world make a vibration. You would be astonished if you could hear the sound and vibration of the atoms in your own body. It has to be comprehended as a vigorously dynamic steel factory.

So an atom vibrates and a bigger collection of atoms makes a bigger vibration to transmit a stronger wave through the space medium. That is how **gravitational waves** are born but how on earth it can attract another mass isn't that a magic?

When the waves strike upon any **secondary atom** in the field, the rotating electron cloud is a bit shifted closer to the nucleus from the direction at where the waves strike from. Thence the **balance of Coulomb's electromagnetic force** between negatively charged electron cloud and the positively charged nucleus is gone. The force from the side of wave strike becomes bigger because the distance to nucleus in that direction is decreased. The resultant unbalance force makes the atom move gradually towards the gravity source and Sir Isaac Newton (1643-1727) has explain rest of the phenomenon explicitly.

The other most important thing that scientists of the modern era have got to pay attention is the **deviation** of gravitational fields when the source is in motion. Dynamic behavior of gravitational fields has vaguely addressed by some theories but not acceptably explained yet up to the 21st century. Only the **static gravitation** was addressed in the Newtonian Mechanics. But just imagine, Sun is rotating and its gravitational field is not static at all.

Gravitational field is deviated when the gravity source is rotating and the 'Theory of Gravity Deviation /2009' explains how a lateral force component, recognized as '**Orbital Motive Force**', is induced upon planets in the solar system to make them orbit in the same direction of Sun's rotation. Precession of planets and all the other related paradoxes can be explained if the Scientists of the century are prepared to accept 'Gravity Deviation'.(pl ref 'Precession in Orbital Motion of Planets'/2013).

However ultimately the credit of '**Gravity**' has to be shared between Newton and Coulomb as well because the Mechanism of a so **mysterious magical force** could never be explained by any of us unless the marvelous finding, '**Electromagnetism**' was introduced to the world by Coulomb (1785).

Besides that "**Mass of Matter**" could never be explained by any of us unless the '**Theory of Energy Conservation**' is produced by the great scientist Albert Einstein (1879-1955). It is my personal opinion that, such a brilliant concept '**curvature of space dimension with time**' which describes the '**Space Dynamics along the 4th Dimension**' should not have been used to explain Gravity.

Note:-

Mechanism of gravity is explained and the Newton's equation for acceleration of gravity is mathematically derived in the pdf 'Mechanism of Gravity'/Space Dynamics-V2/2009. Besides that frequency of the gravitational wave too is derived through a simple class room experiment .