PiMann Photonic Gravitonic Field

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We consider the issue of circular movement of electron cloud of each atom, and the issue of quasi-circular motion of matter and sub atomic particles, and for the new model we consider sub atomic particles such as bosons. When a big particle gets enough smaller than hadrons and alpha particles which made the molecules and elements of the air and water, the environment of the particle changes. Now the quasi-circular planetary gravity, the molecules, atomic orbitals, and hadronic force (e.g. in the atmosphere) which set pressure on the matterials atoms, and create mass gets (severely) lost. And only a weak form of gravitational waves remains. Therefore we don't have an unheavy "mass" alike the mass of a light "molecule" in the form of liquid, gas, or even a very light free "atom" in the form of plasma, but we have a light boson-photon in the form of rays.[1] Now the photonic wave-particle matter is highly free to move between atoms and also enter the charged atomic cloud and pass it. Viewing a large atom from the bosonic environment, is like viewing a large ball from the ground. Around the atom there just would be free space, and if such ball be created from disceret particles (such as atomic electrons and a small nuclei) a ping-pong ball can either pass it, never enters the particles cloud, or get attracted to one of the internal particles and increase its energy and causes an excited state for such particles.

*Email address: peiman.ghasemi@aol.com — During his early cooperation with American adversaries, PiMann (or Peyman Ghasemi) was kept under social deprivation, a few years later Iranian and Chinese and several other possessions unfairly and severely began to torture him by using worst torturing methods since he was only a teenager.The first version of this article published on January 26 in academia.edu.

[1] All the molecular and atomic elements on the Earth, and electronic devices which are made to calculate the mass of molecules and atoms can't determine the mass of boson-photons.

Figure 1: Viewing a large atom from the bosonic environment, is like viewing a large ball from the ground

Figure 2: Viewing a large atom from the bosonic environment, is like viewing a large ball from the ground

Now the casual groups of free photons along the extremely small graviton particles existed in the sub-atomic world, in the new environment toghether

began to move too fast and free, with the wave-like motion. Now alike the free molecules of liquids, and highly free atoms of gases they can move in every dimensions. In addition the atomic cloud and the nucleus won't affect their speed at most as they are passing between atoms easily. The atoms of gases themselves would get affected by high speed rays and by the nearby atoms, but the light is almost free to pass the atoms. It moves in the form of energy wave, since it contains an infinitely small boson particle in the form of energy (wave-particle).

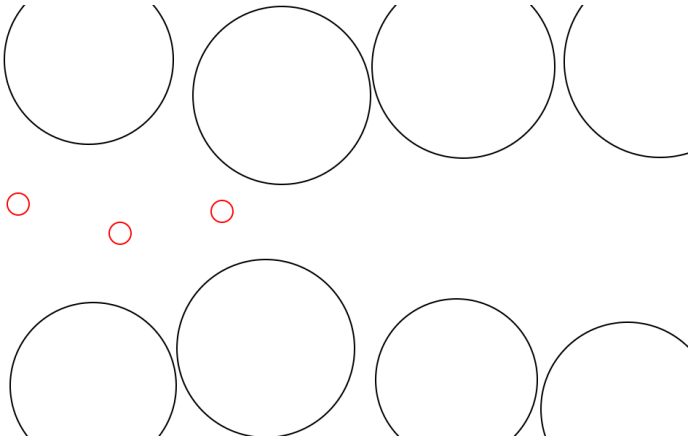

Figure 3: Energetic bosons (with wave like properties) rapid motions in comparison with free molecules and atoms wiggling in space, from an extremely small scale and a close distance view

Additionaly, for space is proportional to time, when the speed of the photon beams and the gravitonic fields changes by another object, this moment is getting considered as when the space-time completely changes, and for example we may be send back to an earlier moment in time.

In Pimann Photonic Gravitonic Field (PPGF) a light beam is alike a rapid river, from a large distance view it is seen as a straight line, but in fact it moves on the surface of the ground like a wave for it has kinetic energy and it is in liquidate phase of matter. Similarly, the energetic bosonic waves in energy phase of matter move between atoms like a rapid river.

Figure 4: A light beam is alike a rapid river, from a large distance view it is seen as a straight line, but in fact the river moves on the surface of the ground like a wave

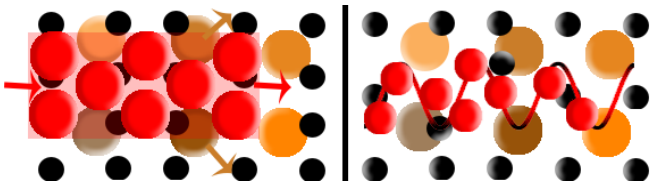

Figure 5: A schematic comparison between movements of atoms between photons and gravitons and movements of photons and gravitons between atoms

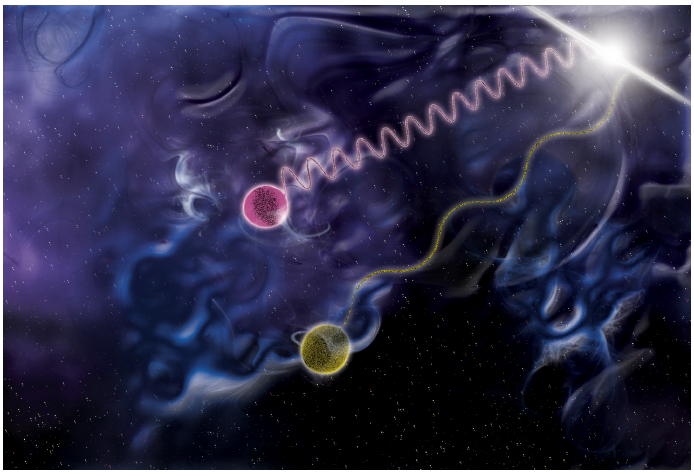

Figure 6: In this illustration, one photon (purple) carries a million times the energy of another (yellow)

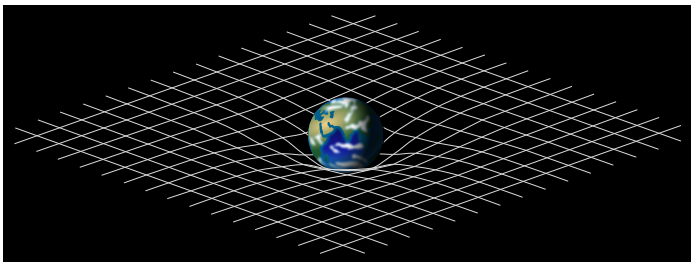

Figure 7: General Relativity

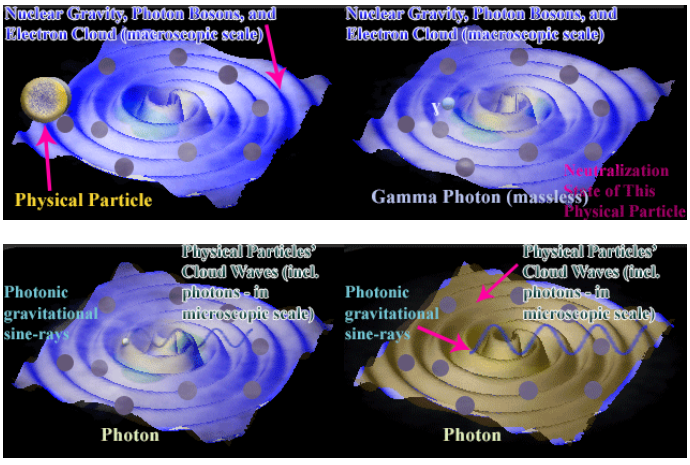

Figure 8: Animated consecutive comparison of a more massive physical particle with another (or a self-decayed) beta, gamma, or

another photon wave-particle in specific space-time (magnitudinal) scales; the incident is not much observable, in the form of particles with rapid quasi-circular motions, for molecules (which formed materials and matters) when they are not existed at a much far distance from the experimenter, but these motions are completely observable in far distance views alike the experiment for galactic particles that are depicted by a high resolution galaxy merger for far distance space objects, and even for a far distance view of an atom by a powerful microscope.[2]

The mass of a sub-atomic particle may change in quantic form. For sure the change is not as much obvious as (under electron microscope) we can observe a change between the mass of an electron with a neutron or between the greater size of a higgs boson (the God particle), with the size of W and Z bosons, with the smaller size of a photon boson. ~0.5 Angstrom is the diameter of a hydrogen atom. Therefore thypotheticaly we say all bosons have a same size. Higgs bosons are concidered as God particles each. Bosons blonging to the visible light spectrum, from one body with different colors and the specific quantic size. Therefore, however wiggles in mass-endowing fields are Higgs. It is obvious microwaves as a form of the infra-red waves (with a bigger size and mass) cannot go as far as radiowaves as another form of infra-red waves (with a smaller size and mass) can go. Condansation of energy forms mass. The energy contains mass and velocity (motion). Consider how the energy changes from gama particles to the infra-red particles along with the frequency, in the electromagnetic spectrum.

References

[Particle Physics: an Introduction - University of Geneva, 2018.]

[The Universal Matter - NASA, 2017.]

[2]The full animation model: https://drive.google.com/open?id=1c4GqATdVJH-OfnZJljkFTd1-QU4B1NWQ