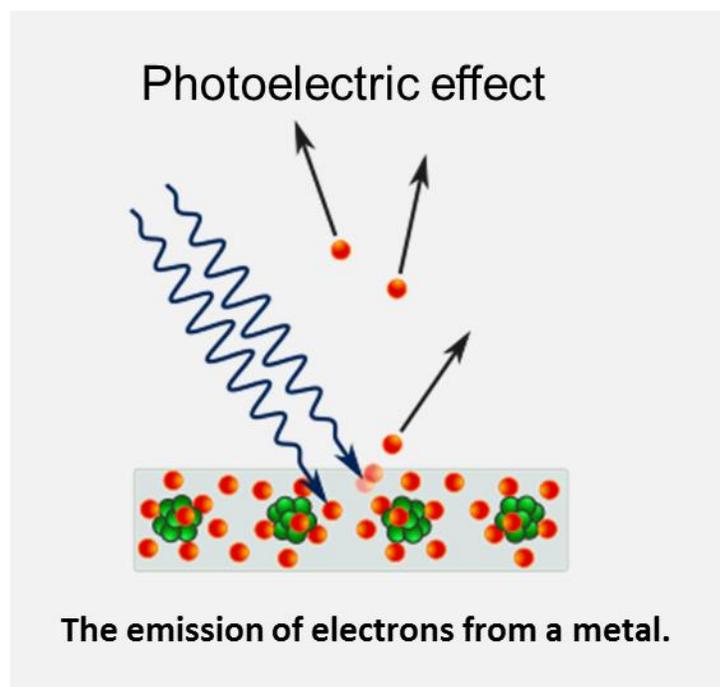


Photoelectric Effect

The subject content available in the background physics of the natural phenomenon 'Photoelectric Effect' is found erroneous and hence this letter is to submit a different dimension of the phenomenon.

01- What is wrong with the prevailing definition?



Light Photons are said to be absorbed by the electrons and energized electrons are projected out from metallic surfaces.

The phenomenon has been misinterpreted therein because in reality, Electrons could never absorb Photons. Instead, all the practical evidences are there to prove that Photons are projected out as Light & Heat radiations out from the body of Electron whence it happens to move through a frictional medium.



Besides that, Beta and X-rays are practically produced by splitting off the Electrons in to smaller particles through high potential projection.

As such, the prevailing definition in the subject field of 'Photoelectric Effect' is fundamentally erroneous and contradictory because 'new Electrons' could never be borne by absorption of 'Light Photons' by orbital Electrons of atoms.

Besides that the practical observation is completely the other way round and all the radiations of Photons are born always out of Electrons.

02- What is the correct definition?

The phenomenon could not be explained by the address of shallow surface characteristics and it goes much deeper in to the nucleus to reveal the most Fundamental Cosmic Reaction, the root cause of the 'Photoelectric Effect'.

- What is the Atomic **Nucleus**?
Nucleus is not a stationary structure made up of Neutrons and Protons but realistically a **polarized core of high spinning dynamics**. Spinning speed depends on the number of Protons in the Nucleus.
- What is a **Neutron**?
Neutron is a Planet like Structure made up of Neutrinos (*Moola* Atoms- of the dropped scale). It cannot exist at stationary, unless always **moving** as radiations or **spinning** like in a black-hole.
- What is a **Proton**?

Proton is a polarized spinning Planet like structure made up of Moola Ions- of the dropped scale). Proton has an atmosphere and a spinning nucleus. It is by all means similar to the Hydrogen Ion. Positive charge of a Proton is the recognition of its different dynamic behavior due to los of its *Moola* Electrons (Photons). As such Proton is an electromagnetic motor which is driven by absorpction of Heat Photons from the surrounding.

Scalar Consistency of Matter

You cannot declare any Particle as an Elementary because;

1. **Electron** is made up of Photons
2. **Photon** is made up of the same tiniest particles-*Moola Photons*-of the dropped scale (ex: LED light)
3. **Neutron** is a planet like particle made up of *Moola Atoms*(Hydrogen of the dropped scale=Neutrino)
4. **Proton** is a polarized spinning Planet like particle made up of the ions of *Moola Atoms*. *Proton is the miniature model of a Black-Hole.*

Mass of Electron=Mass of Photons required to neutralize a Proton

New Theory-1:
Atoms consume heat Photons regularly as energy to run the EM-Motor of the interior rotary dynamics.

New Theory-2:
The drop in volumetric scale is 10^{15} in magnitude(Scalar Consistency of Matter).

Hydrogen Atom -21st c- Model

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Proton is recognized as the miniature model of a Black-hole in the dropped scale.

- What is a **Photon**?

Photon is the *Moola* Electron of Neutrino.

- What is **Quantum**?

This has to be understood so simply by examples;

1- **Mole Quantum** =quantity of Atoms need to create a Mole(Avogadro number= 6.022×10^{23}).

2- **Neutron Quantum** =number of **Neutrinos**(*Moola Atoms*) required to create a Neutron ($\approx 1.0 \times 10^{15}$).

3- **Electron Quantum** =number of **Photons**(*Moola Electrons*) required to create an Electron($\approx 1.0 \times 10^{15}$).

- What is the **1st Fundamental Cosmic Reaction**(FCR-1)?

Proton always absorbs Photons from the surrounding and ultimately neutralized as a Neutron whence completion of absorbing the bulk quantum of Photons.

But thence the electromagnetic **rotary dynamics** in the Atom is held up due to loss of the positive Charge in the nucleus. Neutrons could never exist at stationary and thence it expands back releasing of all the tiniest *Moola Electrons*(Photons) at once as an Electron. That is the most fundamental reaction behind Creation of the Universe;

NEUTRON=>HYDROGEN ION +ELECTRON.....(FCR-1)

Hydrogen ion is by all means similar to the **Proton** in our recognition. You can't take a Proton out from the nucleus of any Atom, without it's atmosphere(the vacuum bubble) and the atmosphere is thicken in heavy atoms due to presence of many Protons in the Nucleus.

03- The Phenomenon of Photoelectric Effect:

Metallic surfaces are more efficient in transferring Photons in to the Atomic Nucleuses rather than reflecting them back as heat radiations.

Under receipt of sunlight, ample of Photons are absorbed by the Atomic Nucleuses and Protons are converted into Neutrons. Excess of Neutrons in the Nucleus holds up the spinning dynamics and orbital dynamics too as a result. Low dynamics increases Pressure within the atomic bubble and Neutrons become unstable under such conditions.

Thence the Neutrons are collapsed back into Protons by issuing Electrons out of the system as the natural phenomenon of Photoelectric Effect.

The newly born Electron is always positioned in the nearest orbit while one of the old Electrons is promoted in to the next orbit so that ultimately one from the far most orbital Electron is released to the environment.

04- Demonstration to prove that Atoms consume Photons:

It is the simplest test to prove that Atoms absorb heat photons from the surrounding.

Let's take samples of matter of different densities and keep them in a cool box for certain duration. Then take them out and touch to see what is cooler.

Therein you would feel that the denser materials are cooler. It indicates that the denser materials try to absorb more heat Photons out from your skin. Denser matter is made up of heavier Atoms and they need much energy to maintain their **Interior Rotary dynamics**.

05- What are the fundamental Particles?

We cannot define any fundamental particles due to the 'Scalar Consistency of Matter'. That means there is no particular end or root level of a particle to be declared because it is also composed with finer size of particles. But we can define three fundamental categories of particles.

06- What are the three fundamental categories of Particles?

1- **Atomic Matter:** Spherical Vacuum Bubble Structure with Interior Rotary Dynamics of subatomic particles.(ex: Atom, Neutrino,.....)

2-**Energy Matter:** Spherical Vacuum Bubble Structure with Exterior Linear Dynamics.(ex: Electrons, Light Photons, Heat Photons, LRD Light Photons,.....)

3-**Medium Matter:** Spherical Vacuum Bubble Structure with neither Exterior nor Interior Dynamics. (ex: Vacuum in the Galactic bubbles, Vacuum in the particle bubbles,...)

07- Scalar Consistency of Matter:

All the Spatial Structures from Atoms to the Galaxies are formed by the three fundamental categories of Matter in the Scalar Consistency.

Conclusion:

Any particle could not be declared unless it's STRUCTURE and DYNAMICS are well defined.

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Reference: 'Scalar Consistency of Matter'

<http://www.cyrilhtgamage.com/index.php/87-space-dynamic/182-scalar-consistency-of-matter>