

Fleeing the Its Own Scientific Method

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Communication

In “*The Pre-Established Physics and The Quantum Impulse*”, it is presented the development of physics involving related aspects with its fundamental bases, and the “Theory of the Momentum” or “Quantum Elementary Impulse” formulated by I. L. Erdelyi between 1952 to 1969. Erdelyi was born in Hungary, Graduated in Engineering from the University of Budapest, and it was at the same time of Hungarian Physicists and Engineers who left abroad after the Second World War, as Teller that developed the nuclear fusion reaction and subsequently the Space Defense Project (“Star Wars”) of the time Ronald Reagan, President of the United States, Szilard which presented the initial study of the chain reaction of nuclei that generated the atomic bomb of nuclear fission and Wigner one of the greatest theorists of quantum mechanics. Erdelyi was a Teacher at the School of Engineering at the Mackenzie University in Sao Paulo, Brazil, and President of the Scientific Council of the Brazilian Interplanetary Society-SIB, who was a member of the International Astronautical Federation-IAF where Werner Von Braun was present.

In the theory of momentum or elementary impulse, the quantum impulse, from Erdelyi, the concepts and units of momentum, impulse, force and energy were effectively observed in their actual physical meanings. So, momentum = mv , m = mass and v = velocity treated with intensity, direction, that is, in vector, as other vector physical magnitudes; the variation of the momentum with initial velocity at zero was the impulse = $[(mv) - (m \times 0)] = mv$; force $F = \text{impulse}/\text{time} = mv/t$, where t is the time, and energy $E = \text{force} \times \text{distance} = (mv/t) \times d$, where d = distance. Then, for the light, $m'c$ is the quantum impulse, where m' is the mass of the quantum for the frequency of one cycle per second with the speed of light c in the absolute space, and $m'c$ to form electromagnetic energy with the speed c requires a medium for its propagation, a subquantum ether forming the quantum energy $m'c \times c = h'$. That is, m propagates in space, while $m'c$ needs an ether to propagate, hence the importance of the existence of an ether.

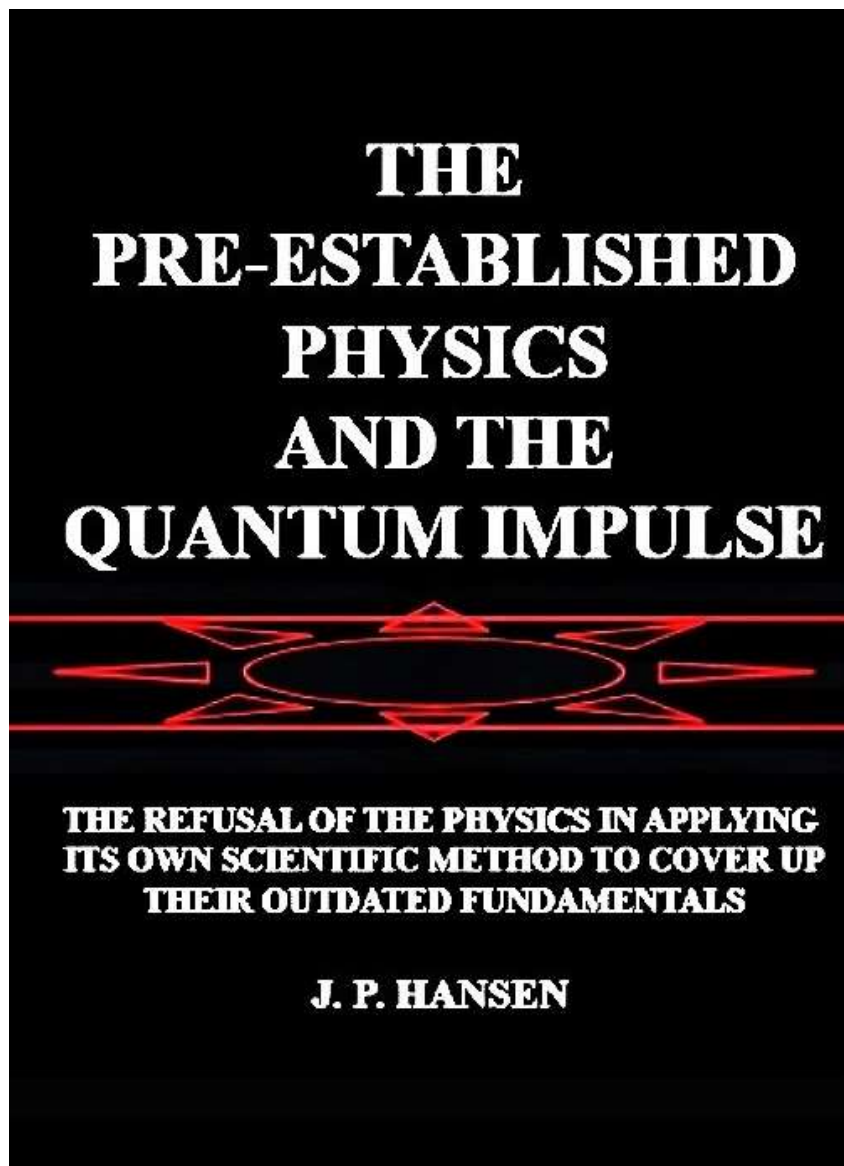
At 1965, Paulo Ferraz Mesquita, Doctor and Professor in Engineering at São Paulo University-USP, Brazil, presented the significance of Newton's constant universal gravitation in quantum terms by placing unified gravity with all the particles and electromagnetic radiations, within the spectrum of radiations, by paper "The Meaning of the Constant of Isaac Newton's Universal Gravitation and Consequent Specific Discovery of Gravitational Radiation Reveal and Prove, 'data venia', Misconception of Albert Einstein, Max Planck and Contemporaries". This work was sent to the Brazilian Academy of Sciences, but that academics preferred to omit to analyze a theory that could lead to the development of gravitational control by quantum mechanics. Also, it was presented in 1965 in Congress and Conference at São Paulo University. A spectacular aspect of these gravitational radiations is that the value of the K_G constant of Newton's gravitation by gravitational force factor, Kepler's law, Gauss's constant and Danjon's equation results from $6.625... \times 10^{-8}$ to $6.627... \times 10^{-8}$, in which the numerical factor 6.625 is exactly the numerical factor of Planck 6.625 constant... $\times 10^{-27}$. This fantastic equality reveals not a mere coincidence, but a law of nature of electromagnetic-gravitational physical unification. Another discovery of quantum impulsion is that in sextillions of frequencies of the electromagnetic spectrum, the only one in which the free neutron mass would be dissolved entirely in quantum energy $h' = m'c \times c$ around 15 minutes, is precisely the gravitational frequency $\mathcal{V}_G = 10^{19} \text{ s}^{-1}$ obtained by Mesquita, proving this electromagnetic-gravitational unification.

It is shown deductions of particle equations, experiments, scientific communications, connections with energy experiments of the vacuum, Atmospheric Unidentifiable Phenomena-UAP or Unidentifiable Flying Objects-UFO, and other involvements, where criticism is presented to the current Physics which flees from its own scientific method of conducting experiments which are contrary to its pre-established theories. By quantum impulse, the particles are formed from these impulsions according to their configurations and energy peaks. Thus, between 2012 and 2013 experiments at CERN showed that proton shock resulted in other particles in which a field in the vacuum, Higgs field provided mass to form particles. However, by quantum impulse the near-light velocity of the proton is obtained through the electromagnetic field of the electricity conductors and gigantic magnets, i.e., a field formed of quantum impulsion which shows the deduction of the mass increase of particles. In 2016, the discovery of gravitational waves was announced, attributed to the merger of two black holes Whose energy would cause a space-time distortion which would represent a gravitational energy field. However, what causes interference in detection equipment is the quantum energy resulting from this merger or from neutron star explosion. And this quantum energy was evidenced by the emission of gamma rays detected by NASA's Fermi satellite in this detection of gravitational waves by LIGO, whose team showed surprise for this record of the Fermi satellite, that is, the lack of knowledge of gravitational radiation predicted by quantum impulse. And in 2019, image of black holes with the value of the diameter attributed by the theory of general relativity, was already calculated by the theory of quantum impulsion, and that resulted by the gravitational radiation of the unification of all forces of physical nature, that is, the gravitational electromagnetic unification, while general relativity remains incompatible with quantum theory.

This book, "*The Pre-Established Physics and The Quantum Impulse*", by author J. P. Hansen, 586 pages, 107 Figures, is edited by the Amazon-Created Space, February 2019.

Contents of this Book:

- PART 1 – Initial Concepts
- PART 2 – Evolution of Basic Concepts of Physics until the Quantum
- PART 3 – Theory of Relativity, Relational Mechanics and Quantum Mechanics
- PART 4 – Quantum Impulse
- PART 5 – From Particles Mass to Zero Mass in Particles and Fields,
From Zero Mass to Mass Created of Fields and Particles
- PART 6 – Quantum Impulse and Gravitational Radiation
- PART 7 – The Quantum Impulsion and the Return of Medieval Forces
- PART 8 – Experiment Published in International Journal of Fundamentals of Physics
Proves by Quantum Impulse the Fallacy of Bases of Current Physics
- PART 9 – The Universe of the Motion Stars.
- PART 10 – Universe Forces Unification
- PART 11 – Advanced Connections
- PART 12 – Epilogue



Cover of the Paperback Book, Amazon-Created Space, February 2019.