



# Unified field theory and topology of atom

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**Abstract:** The paper "Unified Field Theory and the Configuration of Particles" opened a new chapter of physics. One of the predictions of the paper is that a proton has an octahedron shape. As Physics progresses, it focuses more on invisible particles and the unreachable grand universe as visible matter is studied theoretically and experimentally. The shape of invisible proton has great impact on the topology of atom. Electron orbits, electron binding energy, Madelung Rules, and Zeeman splitting, are associated with proton's octahedron shape and three nuclear structural axes. An element will be chemically stable if the outmost s and p clouds have eight electrons which make atom a symmetrical cubic.

**Keywords:** Unified Field Theory, Quantum Field Theory, Standard Model, Zeeman Effects, Madelung Rules

## 1. Introduction

Unified Field Theory (UFT) [1-8] predicts that a proton has an octahedron [1] shape. The positive electronic charge forces from nuclei are vertical to the faces of the octahedron. The electrons of an atom are interacting with the tri-axes of the protons.

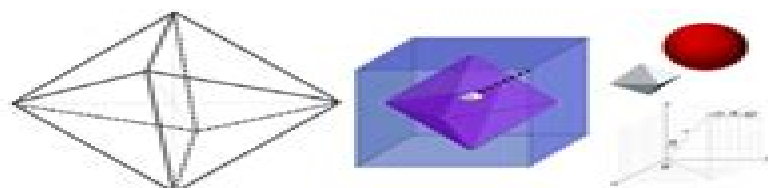


Figure 1. Octahedron Proton and Electron Movements

Two electrons with mirrored moving direction and speed at the opposite side of the nucleus are paired electrons. The pairing increases the structural stabilities of nucleus. The ground state electrons in an atom will first meet pairing requirements before taking a new orbit.

Three axes of octahedron proton bounce back the electron's

mass wave and create triangle grid wave pattern. The electron "orbits" are nodes on the grids. Each node maps to a Zeeman splitting line. When electrons on nodes along the central line of the triangle wave pattern have positive spin, the Zeeman splitting lines go downward when strong magnetic field strength increases, otherwise, Zeeman splitting lines go upward.

Madelung rules can be explained by the propensity based on main orbit number plus azimuthal distortion times the interactive forces acting on axes of proton. The exceptions of the rule are results of unsymmetrical nuclear topological bases.

A simple experiment is designed to demonstrate the diamond grid interference pattern. A camcorder, and squared water bucket can be used to perform such experiment.

## 2. Results

### 2.1. Electron Movements

If the proton is in octahedron shape [2], the face of octahedron proton not only gives nuclei their topologies [2], but also curves the configuration of electrons. One of the issues associated with Schrödinger equation is that the equation does not consider the topology of the nuclei as nuclear structure is not "clear". In UFT [1-4], the waves are

# Secrets Of The Atom A New Unified Field Theory

**John Harte**



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**Secrets of the Atom** Weldon Vlasak,1999-09-01

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Nye,1953     *A Complete Creation Field Theory Model Based on Symmetry Breaking of the Homogeneous 5D Space-Time Universe with Primordial Magnetic Monopole Frequencies* Wan Ki CHOW, Peter Chin Wan Fung, Kai Wai Wong, 2022-06-20 A book titled *The Five Dimension Space Time Universe* A creation and grand unified field theory model was published by Scientific Research Publishing USA in 2014 Since then two more friends Professors Fung and Chow joined the effort Many more articles with rigorous mathematical foundation extensions were published including solving for the first time the explicit form of the Maxwell s magnetic monopoles It is then clear why there must be a Bose Einstein vacuum as suggested by Higgs and all matters can be considered as thermal excitations from it In fact the theory works extremely well from astronomical objects like stars and planets to the precise calculated mass for the proton and neutron leading to revelation of a precise quark mass of 33 MeV A first implication that a General Musical Code might exist in the 5D homogenous space time manifold Perhaps the most insightful is that the 4th space dimension within the 5D homogenous manifold is actually an entangled variable to the Fermat s amplitude  $r$  according to Euler Theorem on 5D manifold One important consequence is that in the Fourier energy and momentum representation the 4th momentum variable is completely imaginary Such a result leads to the emergence of the Higgs bosons with a primordial spectrum Based on the crucial steps of deduction briefly outlined above the current book is written     **The New International Year Book** ,1958     *The Age of Radiance* Craig

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James N. Schloner, 2014-09-27 Seven secrets reveals the deepest secrets of the Bible The Ancients knew the power of Gods names and how Gods names are edited into the deep Torah text On this subtle secret level God lives in the book Seven reveals this ancient teaching for the first time These Seven Secrets awaken God in the text and enlivens Gods presence in our lives Access these secrets and connect directly with Gods presence now Make the connection now Journey into the depth of the Torah Discover the Secret Life of God The UFO Bible Rafal Col, The UFO Bible Volume 1 is about everything you want to know about UFOs and the background about them Everything from organizations who deal with UFOs Alien races terminology theories conspiracies what does religion tell us about UFOs facts than and now UFO Design plus so much more in this first volume of the UFO Bible

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