



## 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.

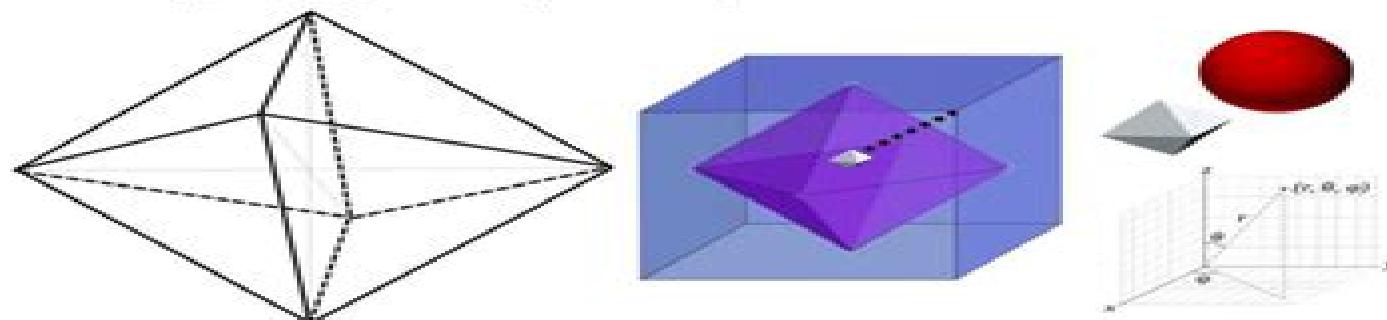


Figure 1. Octahedron Proton and Electron Movements

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

# Secrets Of The Atom A New Unified Field Theory

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