

A conic-toroidal model of the material world – ABSTRACT

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Extending the well-known periodic tables in both directions – micro and macro – in a new systemic evolutionary conception, **by one side** including the pre-elements Gluon and Quark, on the consideration of gravitation as criterion of the materiality, which is appearing on this level, **by the other side** continuing the periodic system, based on the alternative quaternionic model, with linear, stepped and spiral table components, **results** an arrangement of 560 elements in 76 periods (inclusive the „neutral gears”), organized in 7 cosmic steps, in correlation with the structure of our physical Universe. Because in reality the particles are wave-agglomerations in some wave/energy fields, the question is, to which field belong the respective particles? Therefore, above all it needs to clarify the **fields**. The classical **field-theories** refer especially to the electric and gravific fields, touring the scalar-vector-tensor complexity of the mathematical-physical quantities, but – precluding the possibility of the ETHER – the explanations referring to the physical phenomena are incomplete or/and inadequate to the reality. While the Platonic solids are Ether-patterns, the plane – (ring-horn-spindle) torus – sphere pulsation models the functioning of the Universe on every fractal level. In the case of the horn-torus ($R=r$), which includes an infinitesimal/elemental cone, results a conic-toroidal structure, of which elements represent the **three basic cosmic fields**, with their complementary fields together (conics and belonging Dandelin-spheres): **HYPERBOLA: thermo-gravific field**, with gravific monopoles; **PARABOLA: electro-magnetic field**, with magnetic monopole; **ELLIPSE: ethero-quark-gluonic field**, with quark-gluonic dipole. The corresponding macro-cosmic structure is detailed in the **Toroidal-hexagonal structure on Macro-cosmic level**.

Biography

Denes Joo, after the **Architecture and Urbanism** University in Bucharest, studeed Mathematics-Mechanics, Economy, Sociology in Cluj-Napoca-city, and Postgradual Settlement and Regional Planning in Bucharest, and parallel with all these Physics, Chemistry, Astronomy and other scientific disciplines without limits (and titles). Elaborating new mathematical prognosis models, he extended the Futures-Research to the **Systemic Evolutions Research**, as a new synthesis in the science, extended it from the terrestrial to the cosmic evolution, from the micro- to the macro-world.

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