

## **3-Spaces Expanded Maxwellian Space Geometry – Other Papers**

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### **Expanded Maxwellian Geometry of Space**

<http://pages.globetrotter.net/srp/geomax2a.htm>

4<sup>th</sup> edition, 2009, SRP Books

First described in a popularization work ([1]) in 1999, a summary overview of this new space geometry was formally presented at **CONGRESS-2000, "Fundamental Problems of Natural Sciences"** ([2]), St. Petersburg State University, St. Petersburg, Russia on July 5 of 2000.

The complete fundamental model based on this expanded geometry with appropriate mathematical support was then the object of a book ([3]) made available in 2004. The basic geometry of the model is now presented as a separate paper quoted from this book.

Many aspects of the model were then progressively made available over the Internet in separate papers.

### **Description of the 3-Spaces Expanded Maxwellian Space Geometry,**

The General Science Journal 2010:

<http://www.wbabin.net/ntham/michaud9.pdf> or

[http://pages.videotron.com/ceber/on\\_the\\_3-spaces\\_expanded\\_maxwellian\\_space\\_geometry.pdf](http://pages.videotron.com/ceber/on_the_3-spaces_expanded_maxwellian_space_geometry.pdf)

Also formally published in the Proceedings of Congress-2000 – Fundamental Problems of Natural Sciences and Engineering, Volume 1, 2000, p. 291-310, St. Petersburg State University, St. Petersburg, Russia.

### ***Model Dependant papers:***

Series of model dependant papers describing a seamless series of clearly defined interaction sequences providing an uninterrupted path of causality from:

- 1) the unquantized quantities of unidirectional kinetic energy induced in particles by natural acceleration through Coulomb or gravitational interaction,
- 2) to the quantization in the form of free-moving photons of any quantity of this energy in excess of the precise amount required by the local stable or metastable electromagnetic equilibrium
- 3) to the creation of electron-positron pairs from the destabilization of photons of energy 1.022 MeV or more,
- 4) to the creation of protons and neutrons from the interaction of electrons and positrons forced into groups of three including both types in sufficiently small volumes of space with insufficient energy to escape mutual capture,
- 5) to the final shedding in the form of neutrino energy of momentary metastable excess mass as massive elementary particles are forced by local electromagnetic equilibrium into reaching their lowest possible rest mass.

Steps 1) and 2) are however not model dependant although belonging to the same interaction sequence and are described in **Sections 3** and **4** of paper

**The Corona Effect**, The General Science Journal 2009:

<http://www.wbabin.net/ntham/michaud6.pdf> or  
[http://pages.videotron.com/ceber/the\\_corona\\_effect.pdf](http://pages.videotron.com/ceber/the_corona_effect.pdf)

Before proceeding to the description of steps 3), 4) and 5) in coming papers, it is mandatory to understand the local dynamic structure of energy in a free moving localized photon as hypothesized by Louis de Broglie. This structure is described in paper

**Fundamental Energy and its Fields and LC Representations**,

The General Science Journal 2010:

<http://www.wbabin.net/ntham/michaud8.pdf> or  
[http://pages.videotron.com/ceber/fundamental\\_energy\\_and\\_its\\_fields\\_and\\_lc\\_representations.pdf](http://pages.videotron.com/ceber/fundamental_energy_and_its_fields_and_lc_representations.pdf)

Coming papers for steps 3), 4) and 5) will titled:

3) **The Birth of Electron-Positron Pairs**

<http://www.wbabin.net/ntham/michaud11.pdf>

4) **The Birth of Protons and Neutrons**

5) **The Birth of Neutrinos**

### ***Other papers***

Although not model dependant, the following papers account for all observed phenomena in

light of the conclusions imposed by the 3-spaces model described in the previously mentioned papers.

**1- Field Equations for Localized Individual Photons and Relativistic Field Equations for Localized Moving Massive Particles,**

Formally published in the International IFNA-ANS Journal, No. 2 (28), Vol. 13, 2007, p. 123-140, Kazan State University, Kazan, Russia.

Extended Abstract on the IFNA-ANS journal site:

[http://www.kcn.ru/tat\\_en/science/ans/journals/ansj\\_cnt/07\\_2\\_8.html](http://www.kcn.ru/tat_en/science/ans/journals/ansj_cnt/07_2_8.html)

The complete text is available on The General Science Journal site:

<http://www.wbabin.net/ntham/michaud.pdf> or

[http://pages.videotron.com/ceber/discrete\\_electromagnetic\\_fields.pdf](http://pages.videotron.com/ceber/discrete_electromagnetic_fields.pdf)

<http://vixra.org/pdf/0907.0013.pdf>

**2- Unifying all Classical Force Equations,**

The General Science Journal 2006:

<http://www.wbabin.net/ntham/michaud1.pdf> or

[http://pages.globetrotter.net/srp/unifying\\_classical\\_force\\_equations.pdf](http://pages.globetrotter.net/srp/unifying_classical_force_equations.pdf)

**3- On the Magnetostatic Inverse Cube Law and Magnetic Monopoles,**

The General Science Journal 2007:

<http://www.wbabin.net/ntham/michaud2.pdf> or

[http://pages.videotron.com/ceber/on\\_the\\_inverse\\_cube\\_magnetostatic\\_interaction.pdf](http://pages.videotron.com/ceber/on_the_inverse_cube_magnetostatic_interaction.pdf)

**4- On the Einstein-de Haas and Barnett Effects,**

The General Science Journal 2007:

<http://www.wbabin.net/ntham/michaud3.pdf> or

[http://pages.videotron.com/ceber/on\\_the\\_einstein-de\\_haas\\_and\\_barnett\\_effects.pdf](http://pages.videotron.com/ceber/on_the_einstein-de_haas_and_barnett_effects.pdf)

**5- On the Electron Magnetic Moment Anomaly,**

The General Science Journal 2009:

<http://www.wbabin.net/ntham/michaud4.pdf> or

[http://pages.globetrotter.net/srp/on\\_the\\_electron\\_moment\\_anomaly.pdf](http://pages.globetrotter.net/srp/on_the_electron_moment_anomaly.pdf)

**6- The Last Challenge of Modern Physics,**

The General Science Journal 2009:

<http://www.wbabin.net/ntham/michaud5.pdf> or

[http://pages.globetrotter.net/srp/the\\_last\\_challenge\\_of\\_modern\\_physics.pdf](http://pages.globetrotter.net/srp/the_last_challenge_of_modern_physics.pdf)

**7- The Corona Effect,**

The General Science Journal 2009:

<http://www.wbabin.net/ntham/michaud6.pdf> or

[http://pages.videotron.com/ceber/the\\_corona\\_effect.pdf](http://pages.videotron.com/ceber/the_corona_effect.pdf)

## **8- Inside planets and stars masses,**

The General Science Journal 2009:

<http://www.wbabin.net/ntham/michaud7.pdf> or

[http://pages.videotron.com/ceber/inside\\_planets\\_and\\_stars\\_masses.pdf](http://pages.videotron.com/ceber/inside_planets_and_stars_masses.pdf)

## ***References***

- [1] André Michaud. **Theory of Discrete Attractors**, Canada, SRP Books, 1999.
- [2] **Proceedings of Congress-2000 – Fundamental Problems of Natural Sciences and Engineering**, Volume 1, St.Petersburg, Russia 2000, pages 291-310.
- [3] André Michaud. **Expanded Maxwellian Geometry of Space**. 4<sup>th</sup> Edition, 2004, SRP Books, <http://pages.globetrotter.net/srp/geomax2a.htm>.