

From Elementary Particles to Gravity Control

(Highlights from the Theory, Experiment and Technology)

by Lucian M. Ionescu

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- EM within the Standard Model yields also Gravity
- “Quantize everything” yields Platonic Symmetries

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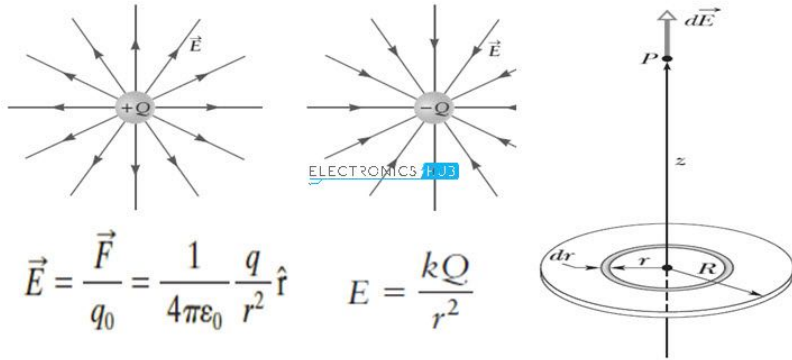
In a nutshell ...

Electric Force: Classically and Quantum

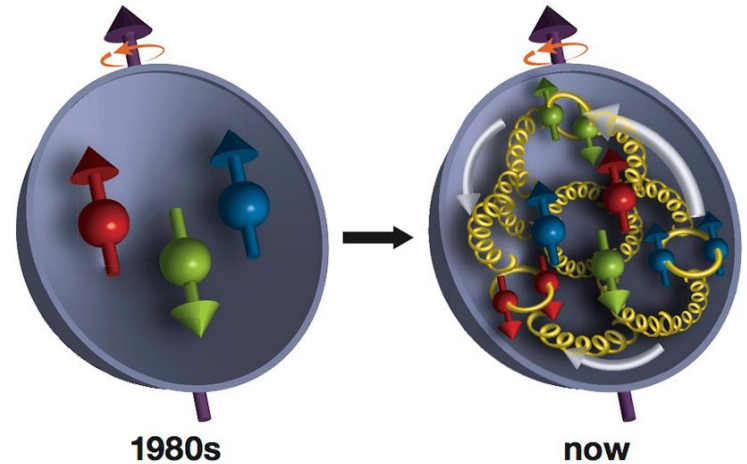
0D: Pointwise Charges

3D: Protons & Neutrons

BASICS OF ELECTRIC FIELD



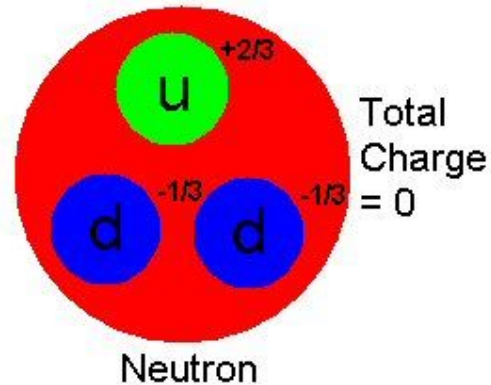
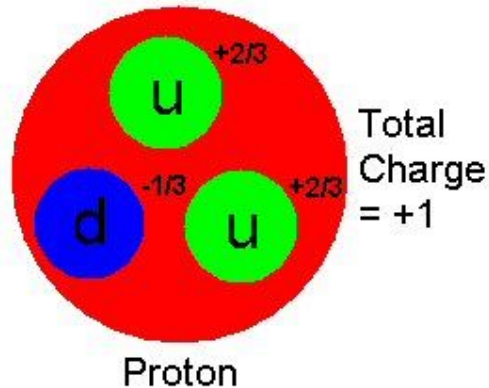
- The Coulomb field is rotationally symmetric.



- Their electric fields are approx. a tripole.

Electric Charges in the Standard Model

- Neutrons and protons have a 3-quarks structure with fractional charges. They are not “pointwise particles”; rather 3D-irreducible objects with a *3D-frame of quarks as vectors*: “pixels” of our Universe.



Three Centers of Charge in Protons

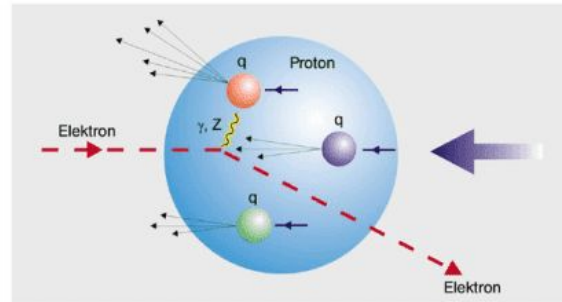
- Under electron-proton scattering, a proton looks like a **ball with three centers of charge**

2 positive ($+2/3$)

1 negative ($-1/3$)

- Physicists *interpreted* these centers as particles called **quarks**; but they cannot be separated!

1. How to probe the quarks?



- Scatter high-energy electron off a proton:

Deep-Inelastic Scattering (DIS)

- Highest energy $e-p$ collider: HERA at DESY in Hamburg: ~ 300 GeV

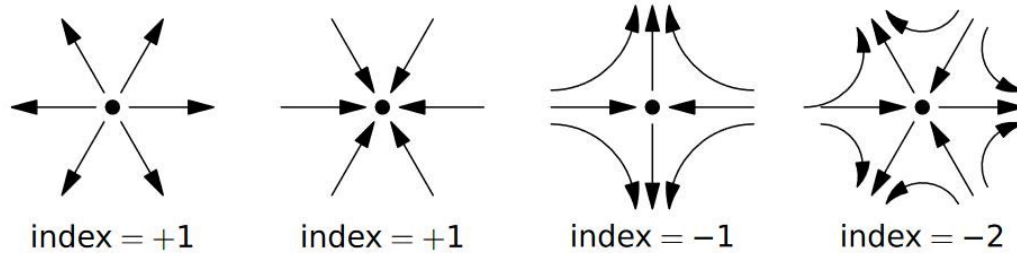
- Relevant scales:

$$d_{\text{probed}} \propto \tilde{\lambda} = \frac{\hbar}{p} \approx 10^{-18} \text{ m}$$



What are Fractional Charges

- “Fractional charges” of $+2/3$ and $-1/3$ means the **E-force field from sources and sinks** in a baryon have the structure of a 6-points “artesian fountain”: vector field type $(++-)$ and $(+--)$
- Examples of 2D **vector field types**:

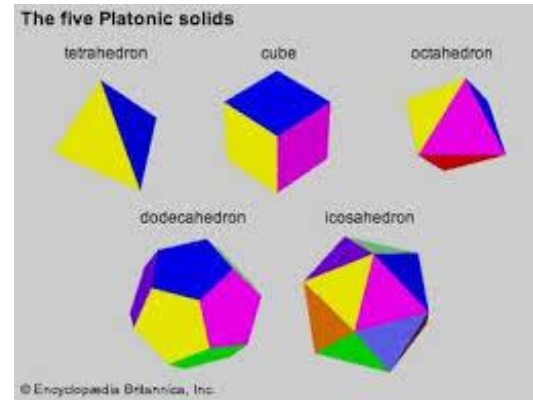


- A baryon has 3 quarks/ fractional charges, and the field is 3D.

	<u>Neutron</u>	<u>Proton</u>
VF Type	$(-,-,+)$ 2 In / 2 Out	$(+,+,-)$ 4 Out / 1 In

Symmetries of a Baryon: Klein Geometry (optional)

- The Geometry of a baryon is Platonic; this is mandated by **finiteness of the symmetry group within SU2**. There are three such symmetry groups T, O, I corresponding to **three fermionic generations** and **six quark flavors** (pairs of dual Platonic solids / geometries). **SPIN directions** are axes of symmetry.



Electric Interaction is *Orientation Dependent*

- The “**electric**” field interaction between two such baryons is **orientation dependent**:
 - 1st order approximation is **Coulomb’s Force Law** between *total pointwise electric charges* (n^0 , p^+), **distance dependent**;
 - 2nd order correction is **direction dependent, yielding Gravity.**
- At **quantum scale** E has a complex structure: $n(+--)$ & $p(++-)$
- At **large scale** is Coulomb-like, isotropic, as if coming from pointwise charges (the sum of the three charges): $n(0)$ & $p(+)$.

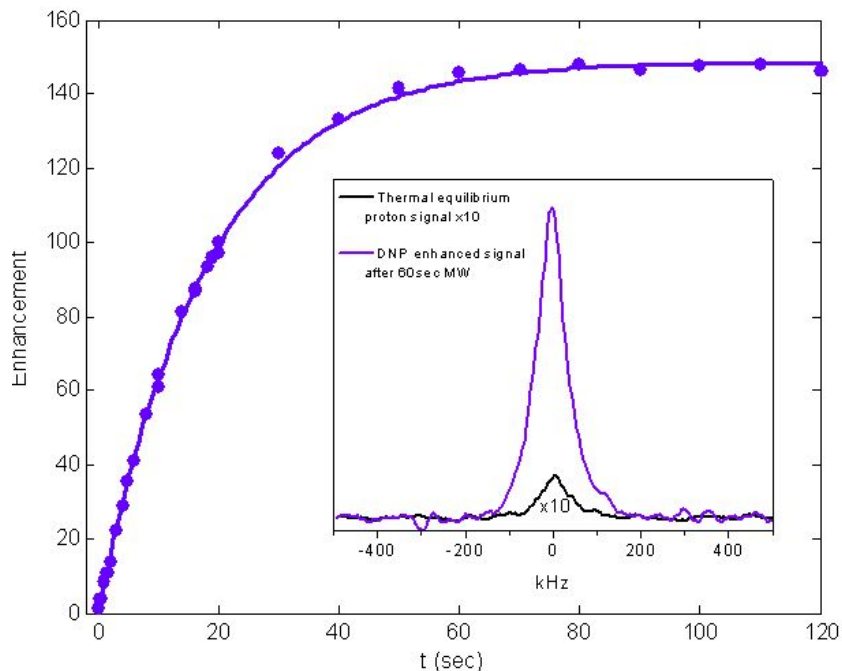
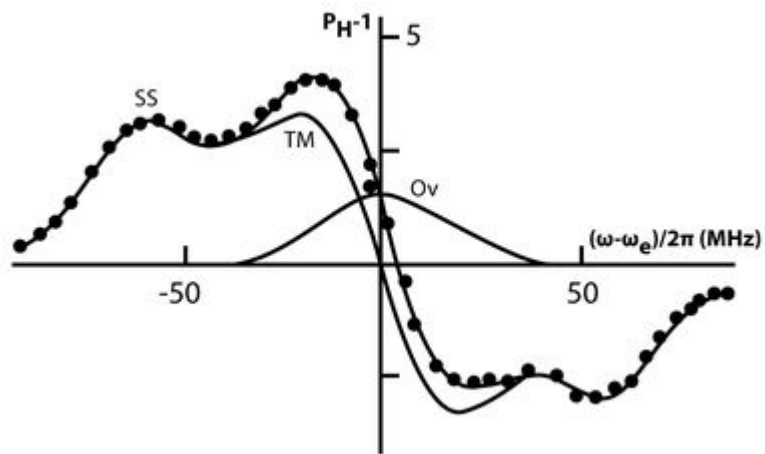
A Few Consequences

- Reorienting the relative spin direction of a pair of neutrons and protons affects their Gravitational attraction.
- Weight of a neutron / proton (mutual interaction with Earth) is affected by the spin orientation.
- The process of reorienting spins in a nucleus is called Dynamical Nuclear Polarization or Orientation (DNP / DNO). This is achieved by applying a *pulsed microwave radiation* with certain parameters (frequency, gaps between pulses).

Dynamic Nuclear Polarization (Optional)

[Vega Group](#) experiment.

[Wikipedia](#)



Fred Alzofon's Experiments

- Alzofon's Experiments proved the **weight can be reduced**. His setup for DNO used the DATA parameters recorded by a *USAF airplane while chasing an UFO!*
- His theory is based on a thermodynamics interpretation; G-potential as temperature, can be "cooled".
- The Elementary Particle derivation of G sets firm foundations for this effective theory.



Summary

- Protons and neutrons are made of 3 quarks, with **fractional charge: Coulomb's Law does not apply!**
- Electric force between two protons or neutrons is **direction dependent (Tensorial Coulomb Law)**:
Electric Force (classical) + Gravity
- Reorienting the spin directions of neutrons and protons, in a body, affects its weight: we can reduce it or enhance it.
- Frederick Alzofon's experiments confirmed the weight reduction occurs.

Part I: What is Gravity?

Many Theories - one Gravity? From Old ...

- Most of the old and current theories assume Gravity is an independent, fundamental interaction. Some modern theories attempt to describe Gravity derived from EM; e.g. see the Electric Universe book.
- **Newton's Theory of Gravity** is just Mathematics (Poisson eq.)
- **Einstein's General Relativity** is a framework based on deformation theory (deformation of the metric via Ricci tensor).
- Both theories work with **pointwise charges**, producing isotropic fields (index type $(3,0)$ and $(0,3)$ for + & - sources).

... to New Theories

- **Alzofon Theory of Gravity** models the gravitational potential, which is a solution of Poisson eq., as Temperature, also subject to the same equation. It is an **effective theory** implying that the gravitational potential can be “cooled”.
- **Ionescu derived Gravity** as a quantum effect from the quark model, under the assumption of finite groups of symmetry: Platonic groups Tetrahedral, Octahedral and Icosahedral.
- This breaks the continuous rotational symmetry, and the fractional electric charge of quarks interact in a manner dependent on distance, but it is also **spin orientation dependent**. This later correction term is Gravity, and can be controlled by reorienting spin directions, consistent with Alzofon’s effective theory.

How two neutrons interact electromagnetically!

- **Neutron quark structure** up-down-down yields a distribution of electric charge, with a null total charge:

- $n(\text{ddu}) = \frac{1}{3}(-1, -1, +2) = \frac{1}{3}(-, -, -) + (0, 0, +)$

- Hence $\mathbf{n}_{\text{SM}} = \mathbf{p}_{\text{SM}}^- + \mathbf{g}_{\text{XYG}}^+$ (**EM neutral** and **Gravity field**).

Hence there is a polar term departing from a spherically symmetric electric field (like Coulomb electric field).

- The three quark directions correspond in fact to R, G, and B **quark colors** (L. I. interpretation).

- The tensorial force between two such 3D fractional charges as sources depends also on the direction of the $\mathbf{g}_{\text{XYG}}^+$ term, yielding a correction to electric force, related to Strong Force in SM; the chaotic directions faze it out yielding Gravity.

The Chaotic Spin Orientation and Gravity

- When two bodies are in proximity (e.g. Earth & object), the chaotic orientations acquires a bias towards orienting the two 3-poles for a lower energy state => gravitational potential and leading to attraction.
- **Reorienting the directions** on ONE body affects Gravitational potential; makes G-force stronger or weaker, controlling the weight of the object.
- A quantitative study is needed to prove this mathematically (Tensorial Coulomb Law and its energy levels due to direction).

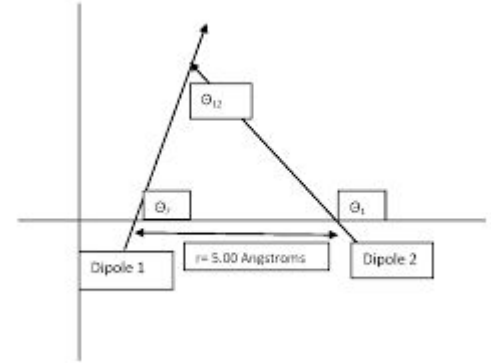
Interaction of Tripoles (optional)

- From [5] [Physics](#): “ In the multipole terminology, a "tripole" would correspond to a triplet (e.g. vertices of a triangle) of charges. If their total charge would be nonzero, there would be a **leading "monopole" term** (n.a.: proton). If the total charge cancelled, the system of 3 charges would still have a dipole moment (n.a.: neutron). Unless the three (nonzero) charges would lie on the same line, the **dipole moment couldn't be canceled.**“
- Remark: Since $SU(2)$ is topologically a 3D-ball (double) and $U(1) \rightarrow SU(2)$ isoclinic, the 3 fractional charges could be related to the cubic roots of unity (see Isospin and spin diagram and Lie algebra connection).

Dipole-Dipole Interaction (optional)

“Dipole-Dipole interactions **result when two dipolar molecules interact with each other through space.**

When this occurs, the partially negative portion of one of the polar molecules is attracted to the partially positive portion of the second polar molecule.” [6]



- The molecular dipole force is proportional with $1/r^3$ or $1/r^2$ (see [6]). A quantitative study of **quark electric interaction of fractional charges systems**, needs to check if the $1/r$ law emerges at far distances, for the potential energy.

Conclusion

- Coulomb Law of attraction between **pointwise charges** +, 0 or - must be upgraded to a **Tensorial Coulomb Law** between 3D-frames defined by **quark state vectors**, at the level of Frame Bundles. It reduces in 1st order approximation to the pointwise Coulomb Law dependent on distance only.
- Example: two neutrons are overall neutral, but there is a **residual interaction due to their orientation, angle between their spin directions; this leads to Gravitational attraction** (weak also because of chaotic orientations).
- This allows for a control of the Gravitational force.

Part II: The Technology

How to Orient Spin Directions

Main idea regarding Gravity Control

- The Platonic symmetry with quarks fractional charge distribution produces a fine **split in the EM spectrum, spin dependent**. The difference between the two levels constitutes the **Gravitational potential per pairs of nucleons**.
- One can supply the corresponding energy via re-orienting the spin direction. Then the **Gravitational coupling is nullified**.
- Recall that inertial mass = gravitational mass (Einstein). Hence aligning coherently spin directions produces motion without inertia (“resistance” to acceleration: “super motility”) ... & UFOs ...

DNO via EM microwaves

DNO using microwaves ... Alzofon' experiments

- EM microwaves are not just transversal waves; they include a longitudinal component, i.e. “scalar / torsion waves”. At the **Larmour resonating frequency** they produce gyration of the electronic spin. Due the **coupling between orbital spin and nuclear spin**, the later is affected and aligned.
- **Hutchison effect** is of a similar nature; he played with various frequencies and accidentally achieved anti-gravity effects (reduction of weight).

Experimental Setup and Parameters

- A **source of EM microwaves** sends pulses with parameters:
 - Frequency
 - Pulse rate
 - Relaxation times
- The parameters were obtained by USAF specially equipped airplane chasing an UFO (see David and Frederick Alzofon book “Antigravity with present technology”).
- The experiment confirmed Gravity can be controlled, and weight of objects can be decreased.
- The EM microwave technology is also used in MRI for imaging purposes, and can be “borrowed” for DNO.

Further Details

- See bibliography:
 - Alzofon's article & book on Antigravity
 - Alzofon-Ionescu Theory of Gravity
 - Alzofon Experiments

DNO via Sound

Using sound ...

- [Tibetan monks levitating stones with sound](#)
- Sound, via the piezoelectric effect, may have similar action on electron orbitals of stones; what parameters need be and geometry of sound sources, is of course the key to achieve such an effect.
- This is a **phonon** excitation analog of a LASER: pumping energy at resonance of a cavity / object, to invert the population of states occupied (The EM fine split due to Platonic geometry).

A more technical approach ...

- Frontier Gravity: Jacob Helvey, [EM & acoustic vibrations](#)
- [Znidarsic](#)
 - 1) [Control of the Natural Forces](#),
 - 2) [Energy, Cold fusion and Antigravity](#) etc.

Relation to Cold Fusion / Transmutation

- Cold Fusion: is the **electric repulsion between protons in a nucleus controllable too**? [Can Platonic Geometry of SU2 and fractional charge distribution explain it?]

In theory, yes, DNO affects also the short distance electric force, under the catalytic contribution from neutrons; this is done by reorienting the spin directions of protons and neutrons.

- **Experiments with biological systems** confirms that biological transmutations are a fact of life.

DNO via Meditation
(chi goes where the mind goes)

Using meditation ...

Sadhguru: *“There are many ways to make yourself less available to Gravity”*.

- [How certain gurus levitate](#)

- [Kriyas for levitation](#): Mayamma from nepal could float on water; she was a “primitive soul”, very attached to dogs and alike. It perhaps mean that the rational side gets in the way of achieving the right state to align spins to achieve a sort of coherence, perhaps a superconductive state of some sort.

- (Of course,) Jesus Christ was reported to walk on water too ...

- Kundalini: a state of superconductivity for chi flow.

Biological Systems & Getting in the “Zone” ...

- Sportives are reported to jump much higher in real game conditions (see Web for details).
- Coherence states have special properties, reminiscent of superconductivity (analog for momentum transfer / mass, reduction of Gravitation attraction).
- Biological systems (bugs) have nano-materials interacting with the A-flow (ether / EM vector potential).

Controlling Mass

What is Mass?

- In Newtonian / Lorentz Mechanics, mass is a coefficient of proportionality: $F = m a$, or better $F=dp/dt$ and $p=mv$.

- In Special Relativity, the Lorentz momentum

$$mv=m_0 v/(1-v^2/c^2)^{1/2}$$

with m_0 the rest mass.

- Now **rest mass equals gravitational mass**, as a source of gravitational attraction (“charge”). When G-potential is changed via DNO, the equivalent mass changes correspondingly.

So, **when the chaotic spin orientation is reduced (eliminated) via DNO, inertial / rest mass decreases (is nullified).**

UFO maneuverability

- The above considerations, that **inertial mass decreases via DNO**, explains the ease with which UFOs (Gravity Control technology spaceships, ET and Earth manufactured) change directions at sharp angles.
- The well documented **takeoff of a UFO has a latency characterized by a hamming** which in fact is the microwave treatment of the UFO, to achieve low mass (weight) via DNO.

Part III: Forward Outlook

- AG-transportation on Earth
- To Venus / Mars in one hour.

Limitless possibilities ...

- So, we have the Theory, we have the Experiments in Lab ...
we are ready to develop the Technology and Industry of
Gravity Control Transportation:

- On Earth: clean and inexpensive

- In The Solar System: to Mars / Venus in one hour or so ..

We need to educate the public on what Gravity is, and of the
above possibilities.

Remark. Teleportation is an alternative modality of travel, but less clear
how it is done (Quantum tunneling / wormholes? maybe: the
Space-Matter Network is the Quantum Matrix!)

Conclusions / Summary

EM CHARGES Have Structure!

(This is the Main Point)

- Protons p^+ (uud) and Neutrons n^0 (udd) are made of up u and down d quarks.
- **Elementary CHARGES**: $Q(\text{up})=+2/3$ & $Q(\text{down})=-1/3$... that's it!
[Antimatter: ONLY in high energy processes & time reversal]
- **Quark Flavors correspond to Platonic Symmetry**;
up/down flavors correspond to Tetrahedral Symmetry
[TOI groups & fundamental geometries \leftrightarrow 3 fermionic gen.]
- Matter constituents p^+ , e^- , n^0 have **Unified Theory Vector Fields** of INDEXES: $(++-)$, $(---)$, $(+--)$
- The mutual interactions yield EM and Gravity!

Gravity Control and Transmutations

Theory: Alzofon's Effective Theory, Ionescu's Gravity Theory based on SM with Quantum Information foundations and "quantize everything".

Experiment: Alzofon (well documented), Falcon Labs (Mark Sokol), Hutchinson (no docs) ...

Technology: **Industrial** (MRI / DNO) & Meta-materials inspired from Biological materials (Grebenikov).

Bigger Picture: Industrial technology (open project R&D) meets ET-technology (classified); declassifying info: Amiral Bird, Hollow Earth, ET-presence & VR-paradigm, towards a meaningful "Extended Reality".

Bibliography / Sources

- 1) [vixra articles](#) on Alzofon-Ionescu Theory: [10]-[17]
- 2) TESLA 2021 presentation: [Quantum Gravity and Control](#)
- 3) [ISU Website](#): Platonic Solids and Unified Field Theory, Gravity Theory and Control, Cold Fusion etc.
- 4) Jean-Paul Biberian, [Biological transmutations](#).
- 5) Stackexchange: [Physics](#),
<https://physics.stackexchange.com/questions/132881/existence-of-tripoles>
- 6) Chemistry Libre Texts, [Dipole-Dipole Interaction](#)

Supplement

(extracts from TESLA conf. 2021)

The Need for a Textbook on *Gravity Theory and Control*

- PEOPLE need to know about this possibility. To travel in the Solar System / “Going to the Stars”, we need a popular textbook on Gravity Theory and Control.
- KickStarter crowdfunding [Gravity Project](#) allows for the masses to HELP start this movement towards a NEW PARADIGM in Science:
 - [The Fund Raising Campaign](#) Newsletter: SUBSCRIBE!
 - [VIReQuest LLC website](#) explains this ...

The Amazing Human Potential!

At a totally different level, i.e. non-technological, *gravity control seems to be attainable by humans* (forget Superman 😊), while in trance, meditation or when “getting in the Zone” (sportives, ballerinas etc.):

- Indian Guru / Yoga practitioners (not the cheaters);
- Magicians / mediums (D. D. Home etc.)
- Famous Saints (St. Cupertino etc.)
- Ballerina Anna Pavlovna; dancer Vaslav Nijinsky
- Basketball players: M. Jordon etc. (50” in play-mode)

To Do List (“homework”)

- **Develop Newton-Lorentz Gravitodynamics** Theory (see Tesla 2021).
- **Reproduce the Gravity Induction Experiment** in the Lab (Tesla 2021).
- **Regarding the experiment of Dr. Frederick Alzofon: play with it!**
[Relate with what Hutchinson is doing ... ?]
- **Experiments with SCE** (e.g. pyramid effect) and study the connection with A/qi-flow; effect on dynamic/static weight?
- **Train yourself!**
 - Investigate Shaolin Martial Arts for jump training techniques, accounts etc.
 - Study the effect of meditation on your abilities
 - Learn to “Get-in-the-Zone”!
 - Try replicating Uri Geller’s experiments!
- **Educate others & Network!**

Dia/Para/Pro-Gravitism ...

- Paraphrasing magnetic properties: dia/para/fero magnetic materials, susceptible of various levels of magnetization.
- Magnetization is due to a *coherent*, combined superposition of individual **magnetic moments of the individual electrons**.
- **A similar behavior is expected from meta-materials, with respect with DNO**; some materials may become “permanent G-anisotropic” (Grabennikov’s story) and others require EM-field and Rotation (John SEARL’s story), to **magnetic moments of orient nuclei**.

Further R&D regarding DNO

- An in depth understanding of DNO requires relating it with **magnetic resonance** (MRI)!
[See Carson Jeffries, Dynamic Nuclear Orientation; C. E. Byvik, **Spin-Temperature Theory of Dynamic Nuclear Polarization** etc.]
- A better knowledge of Solid State Physics is needed!
- Replication of Dr. Frederick Alzofon experiment is needed!! [but no “assuming”, “I believe” etc. towards “debunking” it; using a positive mindset and creative attitude]

Bibliography

[To consult for further details]

- L. M. Ionescu:
 - 2020 [A Unified Field Theory approach to Gravity Control](#),
 - 2019 [Qubit Model: A Platonic and Exceptional Theory](#),
 - 2011 [Super-symmetry, anti-gravity and free energy](#)
- [Frederick Alzofon](#) and David Alzofon: [Gravity Control with Present Technology](#)
- See [Victor Grebennikov and Structural Cavity Effect](#)
- See [Hutchinson effect](#) etc.
- VIRequest – [Gravity Project](#) – [website](#)