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On some specific cases of PSI phenomena (not proved to be frauds until present)
with possible electrogravitational explanations and transdisciplinary
implications

*

Wiki-like transdisciplinary article (Open development interval: 2017 - ?)

- working paper preprint^[1] -

Version 1.1

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Important note: The latest (free) version of this article can be downloaded from this [URL](#)

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1st Motto: „I shall not commit the fashionable stupidity of regarding everything I cannot explain as a fraud” (psychiatrist Dr. Carl Jung in an address sent in 1919 to the Society for Psychical Research in England, [URL](#))

2nd Motto: „Perhaps the day will come when Western science is able to confirm the existence of immaterial forces and realms. Compelling research in the field of parapsychology indirectly points to this possibility, yet most people in mainstream science can't bring themselves to consider the implications” (Mark Ireland, [URL](#))

3rd Motto: „Although each of us obviously inhabits a separate physical body, the laboratory data from a hundred years of parapsychology research strongly indicate that there is no separation in consciousness.” (Russell Targ, [URL](#))

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[2] Andrei-Lucian Dragoi research pages on: [ResearchGate](#), [Academia.edu](#), [Vixra](#), [GSJournal](#);

Abstract

The Merriam-Webster dictionary defines [PSI phenomena \(PSIP\)](#) as: “the aggregate of parapsychological functions of the mind including extrasensory perception [telepathy, clairvoyance], precognition, and psychokinesis” [\[URL\]](#).

[Parapsychology](#) (which is considered pseudoscience by the majority of mainstream scientists [including academics], with articles published only in a relatively small number of niche journals) also investigates other paranormal and psychic phenomena like: near-death experiences, reincarnation, apparitional experiences and other paranormal claims.

This paper brings in discussion some specific cases of PSI phenomena (which weren't proved yet to be frauds) with possible explanations and implications in [physics](#), biology and the theories of [information](#) and [human consciousness](#).

If proved (with no doubt) to be authentic, PSI phenomena may have huge implications in the evolution (and unification) of physics, biology and spirituality (including [religious currents](#)): this unification (built on synapse-like bridges of knowledge and informational integration) is the constant purpose of [interdisciplinarity](#) and [transdisciplinarity](#).

Keywords: psi phenomena, transdisciplinarity, interdisciplinarity, physics, physical information, gravity, human consciousness;

Important note (1). This atypical [URL](#)-rich paper (which maximally exploits the layer of hyperlinks in this document), chooses to use Wikipedia links for all the important terms used. The main motivation for this approach was that each Wikipedia web-article contains all the main reference (included as endnotes) on the most important terms used in this paper: it simply the most practical way to cite entire collections of important articles/books without using an overwhelming list of footnote/endnote references. The secondary motivation (for using Wikipedia hyperlinks directly included in keywords) was to assure a “click-away“ distance to short encyclopedic monographs on all the (important) terms used in this paper, so that the flow of reading to be minimally interrupted.

Important note (2). This paper also exploits the advantages of the hierarchic tree-like model of presenting informational content which is very easy to be kept updated and well organized.

I. Introduction to PSI phenomena and parapsychology

- 1) The Merriam-Webster dictionary defines PSI phenomena (PSIP) as: “the aggregate of parapsychological functions of the mind including extrasensory perception [[telepathy](#), [clairvoyance](#)], [precognition](#) and [psychokinesis](#)” [[URL](#)].
- 2) Parapsychology (which is considered pseudoscience by the majority of mainstream scientists [including academics], with articles published only in a relatively small number of niche journals) also investigates other paranormal and PSIP like: [near-death experiences](#) [[URL2](#)], [reincarnation](#), [apparitional experiences](#) etc.
- 3) An extensive list of claimed PSIP as themes of many fiction books and movies can be found here: [URL](#).
- 4) This paper brings in discussion some specific cases of PSIP (which weren't proved yet to be frauds) with possible explanations and implications in [physics](#), biology and the theories of [information](#) and [human consciousness](#).
- 5) If proved (with no doubt) to be authentic, PSIP may have huge implications in the evolution (and unification) of physics, biology and spirituality (including [religious currents](#)): this unification (built on synapse-like bridges of knowledge and informational integration) is the constant purpose of [interdisciplinarity](#) and [transdisciplinarity](#).

II. The integration of both physical information (PI) and biological information (BI) in a unified concept of biophysical information (BPI)

- 1) A growing trend in physics is to define the physical world as being made up of (physical) information (PI) [i]. An important direct relationship between PI and entropy^{[[URL2](#)]} is demonstrated by the Maxwell's demon thought experiment [ii]; a first important consequence is that it's impossible to destroy Shannon entropy/PI of a physical system (PS) without increasing the Boltzmann entropy^{[[URL2](#)]} of that PS [iii,iv]; another important consequence is that PI may be interchangeable with energy (E) [v].
- 2) Both biological information (BI) and physical information (PI) can be integrated in a unified concept of biophysical information (BPI) as argued in other paper of Andrei-Lucian Dragoi [vi,vii,viii,ix,x,xi,xii,xiii,xiv,xv].
- 3) The BPI concept can have an important role in formulating possible explanations, definitions and implications of PSI phenomena and human consciousness, as argued next.
- 4) The (criticized) low rate of reproducibility (even null in some cases) of PSIP may have an alternative explanation: PSIP may depend on hidden variables (hidden BPI) of which the subjects and experimenters aren't aware or don't have conscious control.

III. On the possible human ability to generate high-temperature in hands **(a sub-type of pyrokinesis [URL2])**

1) Minimal introduction in **pyrokinesis**:

- a) **Pyrokinesis** is defined as: “the purported psychic ability allowing a person to create and control fire with the mind” ^[3].
- b) There is no conclusive evidence that pyrokinesis is a real phenomenon. Alleged cases are hoaxes, the result of trickery ^[4,5].
- c) Some websites present different techniques which are claimed to develop pyrokinesis [[URL](#)].

2) The case of **Mr. Zhou Ting-Jue** proposed by this paper (as none of his claimed abilities [including the pyrokinesis-like abilities] wasn't definitively proved to be fraud until present):

- a) Mr. Zhou, an internationally renown **Qigong**, Tai Chi and Kung Fu grand master. Mr. Zhou approved to be filmed (also using a thermal camera) while demonstrating his claimed abilities to generate extreme heat from the palms of his hands (to a temperature up to 202 Fahrenheit degrees [~94.4 Celsius degrees], which is relatively close to the boiling point of water) and stand on thin (relatively fragile) horizontal sheets of paper (in fixed position, at ~0.5 meters height from ground) without falling through, as if he shields a considerable part of his body weight/gravitational force (this last claimed ability is a case of possible gravity-manipulation which shall be discussed in another section of this paper) ([URL1](#), [URL2](#)).
- b) Mr. Zhou was dedicated a web-page: www.masterzhou.com
- c) Mr. Zhou has been featured on a number of TV programs such as “Ripley’s Believe It or Not”, “That’s Incredible” or “Stan Lee’s Superhumans”, and his claimed abilities have been studied and verified by various scientists for decades. He is so respected in China so that he was named “Treasure of the Nation” and called in USA “The Jewel of China” ([URL](#)). **See these online movies (Youtube):**
 - i. [Master Zhou Ting Jue "Superhuman" Stan Lee](#) (this is an episode of the TV show “Superhuman” presented by Stan Lee: in this episode the claimed pyrokinesis-like abilities of Mr. Zhou are presented in detail and partially verified with a thermal camera)
 - ii. [That's Incredible - Master Zhou](#) (this is an episode of the TV show “Ripley’s Believe It or Not”, in which Mr. Zhou’s hands were filmed with a thermal camera: vapors rising from a piece of cloth can be also observed with the naked eye while Mr. Zhou treats an adolescent diagnosed with **cystic fibrosis**; a former anesthesiologist [who couldn’t find a cure for his back pain] testifies that he reached pain relief with the help of Mr. Zhou and the powers of his hands; this movie also shows the claimed capacity to break a brick using only a sheet of newspaper wrapped in a compact form; this movies also contains other claimed PSI abilities that would be discussed in the next sections of this paper) [[URL2](#)]
 - iii. [Real Qigong Defies Scientific and Medical Thinking - Master Zhou Ting-Jue](#) (two demonstrations of Mr. Zhou’s hand-heating abilities using wet sand that is partially dried in his hands in less than a minute and then thrown in the air to demonstrate its relative dryness)

[3] Joyce, Judith (2011). “[The Weiser Field Guide to the Paranormal](#)”. San Francisco, California: Weiser Books. p. 159. ISBN 1609252985. [Wiki-reference URL](#)

[4] Stein, Gordon; Gardner, Martin (1993). “Encyclopedia of Hoaxes”. Detroit: Gale Research. pp. 161–164. ISBN 0810384140. [Wiki-reference URL](#)

[5] Nickell, Joe (2004). “Mystery Chronicles: More Real-Life X-Files”. Lexington, Kentucky: University Press of Kentucky. pp. 56–60. ISBN 9780813123189. [Wiki-reference URL](#)

- iv. [Master Zhou Qigong Master 2](#)
 - v. [Master Zhou at Qi Revolution dries Mud in his bare hands in less than a minute !](#)
 - vi. [Master Zhou History](#) (a movie containing additional claimed capacities like: standing on a fragile wood-framed sheet of paper; pushing a relatively large car with a sparrow propped in his anterior neck, in the suprasternal fossa; allowing to be pierced into the forearms skin with to relatively thick long needle-like objects without any observable hemorrhage, as if Mr. Zhou could not only control pain but also skin blood flow in both forearms). Similar demonstration also in this movie: [One of the Toughest 78 Yr. Old Men Alive? Qigong Master Zhou Ting-Jue](#)
 - vii. [Master Zhou Qigong Master 3](#) (an episode from the TV show called “More than humans” in which Mr. Zhou demonstrates unexplainable tongue and hand tissue resistance to very high temperatures of about 1450°F ~788°C])
 - viii. [Grandmaster Zhou Ting Jue Projecting Fire Qigong with Sifu Ford Edwards](#)
 - ix. [Real Qigong Defies Scientific and Medical Thinking - Master Zhou Ting-Jue](#)
 - x. [Amazing Testimonials - Master Zhou](#)
 - xi. [Master Zhou demonstrates Qi energy](#)
 - xii. [Master Zhou Ting Jue Palming a Brick - Shaolin of Lomita](#)
 - xiii. [QiGong Master Zhou Amazing healing](#)
 - xiv. [Man vs Weird Season 1 Episode 03 Master Zhou Ting-Jue @ 34:20 start](#)
- d) Mr. Zhou claims that his alleged abilities are based on focus and controlling/channeling his inner qi** (which is generally defined as "material energy", "life/vital force" or "energy flow" forming part of any living thing: Qi is the central underlying principle in traditional Chinese medicine and Chinese martial arts, while the practice to cultivate and balance qi is called [qigong](#))
- e) Mr. Zhou also claims that his qigong treatments have the power to “dissolve tumors, heal severe, chronic injuries, as well as successfully treat <<incurable>> diseases.”** (among his patients were: Dalai Lama, members of the LA Lakers basketball team, Olympic athletes, celebrities and dignitaries” ([URL](#)))
- f) “In 1991, Mr. Zhou was invited to the “International Southern California Hai Hua Cup Martial Arts Tournament” as a competitor, where, at 60 years of age, he won the championship two consecutive years.** Subsequently, the tournament committee, recognizing his expertise, appointed him as a consultant and judge. Currently Master Zhou is practicing and teaching in West Los Angeles, California. He has established the Chinese American Wu Dang Qi Gong Association and Center for Qi Gong Treatment.” ([URL](#))
- g) Mr. Zhou was accused of fraud on different forums, with accusations such as:**
- i. “I think the first video has the heating aluminum foil trick. Toward the end” (darwin1859) ([URL](#));
 - ii. “The child with the lung ailment is just placebo effect, and when the hammerman hits the stack of bricks on top of the guy's head, he does so under an angle, so there is barely any impact transferred to his skull.” (DunDunDunDuuun) ([URL](#));
 - iii. “Actually, it's not the angle - it's the fact that a huge pile of bricks has so much inertia (stationery), that it won't transfer the sharp blow down to his head. It's much safer than using a single brick!” (TheOtherMatt) ([URL](#));
 - iv. “Colin Wright offers as explanation "a dilute strong base such as sodium hydroxide" in the water, reacting with the aluminium foil to generate the heat. *While this is not positive proof that Zhou is a fraud*, it shows that there is an alternative explanation that is at least as credible as the one initially claimed. Lacking further information and/or more reliable expert opinions, the video cannot be considered a "demonstration" of remote heating only through qigong [...]. The question is not about debunking Zhou,

but about whether the video shows remote heating. [...] Clarified why Wright's explanation invalidates the claim about the video. (answers given on Feb 3 2015 by Wolfram Schmied) ([URL](#))

- v. A person with pseudonym “Virus” cites the case of Eric Zammitt (who claims two separate meetings with Mr. Zhou) in which Mr. Zammitt argues (with possibly valid arguments) that Mr. Zhou uses a simple exothermic chemical reaction between sodium hydroxide (in water) and the foil of aluminium. ([URL](#))^[6]. See also this form URLs for other arguments pro and against Mr. Zhou (including sodium hydroxide and aluminium foil experiments): [URL1](#), [URL2](#).
- h) Mr. Zhou answered to skeptics by claiming that, after this qi treatment applied to his patients, “everybody believes”.
- i) Given the considerable number of filmed tests in which Mr. Zhou demonstrates this special form of pyrokinesis, it is very improbable that he may have used the “aluminium foil trick”: the two demonstrations in which he directly dries (with his hands and no aluminium foil) wet sand are also a strong argument against that skeptical claim. In videos numbered as (i) and (ii) Mr. Zhou doesn't use aluminium foil at all. It is also true that dissolution of solid sodium hydroxide (NaOH) in water is a highly exothermic reaction (with NaOH being highly soluble in water, with a solubility of up to 1110g per liter of water at 20 °C): when using large amounts of NaOH in water a large amount of heat is liberated, posing a threat to safety through the possibility of splashing; the resulting solution is usually colorless and odorless (not milky white); as with other alkaline solutions, NaOH water solution feels slippery when it comes in contact with skin due to saponification of the lipids in the sebum of the skin ([URL](#)). It is very

[6] [citation with corrected misspellings] “Eric Zammitt // Oct 15, 2007; Hi Gyula, I have since discovered that “Master” Zhou is a fraud. I went to see him. I got a massage from him and he did his thing with the foil and wet paper towel. It got hot alright, but afterwards when he left the room to wash his hands I dipped my finger in the “water” that he used on the foil and touched it to my tongue. It burned! It tasted like something very caustic. Also, the water was milky white. I got to my car as quickly as possible and washed my mouth with water for a long time. I forgot about rinsing my finger, and later I must have rubbed my eye and it burned for hours. I didn't confront Zhou at the time. He doesn't speak English, and I wanted time to think. I did some research and discovered that Sodium Hydroxide, NaOH, commonly known as Lye, reacts with aluminium and generates great heat. Chronic exposure to this would also be consistent with the roughness of Zhou's hands, and the fact that they are discoloured very dark, kind of blackish purple. I called his other office where they speak English and told them what happened. They didn't believe me (or were lying) but agreed to tell Zhou that I wanted to meet with him and have him prove to me that he actually has some kind of power. He agreed surprisingly, and I met with him yesterday. I brought my own materials (paper towels, foil, water, and container). He grabbed the material and began to prepare them on his glass-topped work table (why an auxiliary glass top? It's just water, isn't it? Conveniently chemical resistant. The Formica table it covered wouldn't suffice). He brought it to my shoulder and I could hear it sizzling as it passed my ear before he even put it on my shoulder and began to “put Qi into it”. I stopped him. I wiped my finger on the wet table and tasted it, and got that same chemical taste. I insisted that we prepare on his wood waiting table. I began to prepare the stuff myself and he said (this is all through an interpreter by the way) that he needed to touch the foil himself. I haggled with him about that, but he insisted that he had to touch the foil. I let him begin. He was getting his hands wet and splashing the water on the foil and paper towels and splashing on the table too. He put it on my shoulder and though it took a lot longer than usual, it began to sizzle and heat up. I then insisted that I taste his hands! And again, that same chemical taste. I then prepared the foil myself against his wishes, and put it on my shoulder, and he refused to try to heat it up. He said he gave me one chance and that was all he was going to give. Then I told him that I would let him prepare the materials again, but let me try to put Qi into it without him (I'm sure it would have heated up). Again he refused. I also asked him why he needed foil at all. I told him that I had been to several other QiGong doctors, and studied with a QiGong master (both true) and all of them directed Qi with their hands alone. He wouldn't give me a straight answer. As we were speaking the water that he had splashed on the wood table had turned the finish white. I pointed that out and he tried to explain it away and shrug it off at the same time. I told him that I felt betrayed by him. The he attracted me under false pretences and that he was only doing a cheap magic trick, and that I deserved my money back for my last visit. After a minute of haggling he agreed to give me half my money back because he thought he should be paid for the massage he gave me. If he were for real, he would have really let me prove his power (if he had, he would have had a loyal follower, and referrals to all my friends and family), and he never would have agreed to any kind of refund. I am not denigrating the practice of Qi Gong, or of Chinese medicine, I am denigrating Mr. Zhou. He is a fraud, stealing through deceit, from ailing people. If you still want his contact information, his number is 310.478.1798. But be warned. Eric”

implausible that Mr. Zhou would have risked to use such a dangerous solution and chemical reactions with his patients (including the boy with [cystic fibrosis](#) presented in the movies)

- j) The movies in which Mr. Zhou touches very hot metallic objects with hands and tongue (also filmed using thermal cameras) are also a strong argument against skeptics
- k) Concerning Mr. Zhou claimed ability to resist to the breaking of a pile of bricks on his head (using a relatively large hammer and a relatively strong hit), the experimenters could have exactly measured and compared the mechanical resistance of skin plus muscle plus parietal skull bone to the forces and pressure exerted by the hammer when hitting.

3) Similar movies with unidentified subjects claiming and trying to demonstrate powers similar to Mr. Zhou's, including pyrokinesis with flame.

- a) [REAL PROOF of psychic energy \(Amazing footage\)!!! - TV documentary](#) (claimed capacity of pyrokinesis [ignition with flames], psychokinesis/telekinesis, electricity generation etc)
- b) [Chi Master Demonstrates his power](#) (claimed capacity to break apparently hard objects [rocks/pieces of cement] with fingers, pyrokinesis, telekinesis on iron powder, a form of bioelectricity which appears to give small shocks to different people who have reaction similar to anti-pain spinal reflexes)
- c) [QiGong Master demonstrating Chi \[URL2\]](#) (claimed pyrokinesis, a form of bioelectricity [verified with some electrical measuring devices] which appears to give small shocks to different people who have reaction similar to anti-pain spinal reflexes; the same claimed bioelectricity appears to light a small led;)
- d) The TV-show called "Science of scams" [[URL](#)] claims that pyrokinesis (using qi) is in fact a fraud hiding a simple chemical reaction. However, in the qi movies presented in this sub-section, it is hard to believe that the fragment of paper was previously prepared by those pyrokinetic subjects.

4) Hypotheses launched by this paper concerning QI and pyrokinesis:

- a) A simple medical explanation for this subtype of pyrokinesis (intense heat emission from hands) may be explained by a (consciously controlled) great intensification of cell metabolism in hands (far greater than the average of people). However, this hypothesis would also require another one to explain the great resistance of cells (including their molecular subcomponents as nucleic acids and proteins for example) to temperatures close to the boiling point of water. For example, see the [DNA temperature-dependent denaturation](#) curve at: [URL1](#), [URL2](#), [URL3](#). The majority of biomolecules would normally denature at temperature close to the boiling point of water: see also the melting points of stearic acid (71.2°C), palmitic acid (63°C), lauric acid (63°C), fat tissue in general (~44°C) etc [[URL1](#), [URL2](#)]. Metabolism studies may be also useful in excluding a possible inversion of the [2nd law of thermodynamics \(2LT\)](#).
- b) Qi may be in fact pure ("vital") biophysical information (**BPI**) that may be transformed into energy by the human mind (similarly to the process described by the Maxwell's demon thought experiment).
- c) Qi may be a form of energy extracted directly from the hypothetical quantum energy of the vacuum, which is predicted (by the quantum field theory) to have a very high energy density, much larger than currently measured.
- d) It is possible that humans with potentially real (claimed) psi "powers" (from Europe, Asia etc) to not know and not have the money necessary for traveling to USA and try the laboratory tests proposed by the famous James Randi in his "One Million Dollar Paranormal Challenge" ("an offer by the James Randi Educational Foundation to pay out one million U.S. dollars to anyone who can demonstrate a supernatural or paranormal ability under agreed-upon scientific testing

criteria: a version of the challenge was first issued in 1964, and over 1000 people applied to take it, but none were successful, that is why the challenge was terminated in 2015.” [\[URL\]](#))

- e) Generally, the (potentially) real so-called “masters” are very modest and discrete, avoiding displaying their claimed PSI abilities (**PSIAs**) in public: this may be also another potential explanation for the fact that Randi’s “One Million Dollar Paranormal Challenge” remained without a winner from 1964 until 2015 (when it was closed).

5) Possible future experiments proposed in this paper related to Mr. Zhou case of pyrokinesis:

- i. It may be useful to repeat experiments with any claimed pyrokinetic subject (including Mr. Zhou) dressed minimally and trapped in a hermetic room (equipped with thermal sensors and cameras for the temperature and area measurements), and to weight him before and after each experiment, to check if a significant amount of body mass (probably glucose and lipids) was used to produce intense flows of infrared photons. It is mandatory that the water, the sand, the aluminium foil (if it is the case), the fragment of paper (in the case of pyrokinesis with flame) and the towel to be verified from the start.

IV. On the human possible ability to move (or influence in other ways) objects (and living forms) without any known physical efficient interaction ([psychokinesis](#) [PK] aka telekinesis)

1) Minimal introduction in [psychokinesis](#) (PK):

- a) [Psychokinesis](#) is defined as: “an alleged psychic ability allowing a person to influence a physical system without physical interaction” with PK experiments being criticized “for lack of proper controls and repeatability” and “no convincing evidence that PK is a real phenomenon” with PK being “generally regarded as pseudoscience” (Wikipedia and its reference, 2017; [URL](#))
- b) Some websites present different techniques which are claimed to develop PK [\[URL\]](#).

2) The case of Mr. Guy Bavli proposed by this paper (as his claimed PK abilities made in the TV series “Stan Lee’s Superhumans” weren’t proved to be fraud until present):

- a. Mr. Bavli is an Israeli mentalist, illusionist, and lecturer [\[URL-Wiki\]](#), [URL-Google](#)
- b. Mr. Bavli made a set of claimed PK demonstrations which were caught on camera and included as “case-study” in the documentary TV series “Stan Lee’s Superhumans” [\[URL-Wiki\]](#) (a complete list of all the episodes of this TV show can be found at this [URL](#)). **See these online movies (YouTube):**
- i. [STAN LEE SUPERHUMANS - GUY BAVLI - KINETIC MAN - MIND TELEKINESIS](#) (a particular demonstration starts from minute 7:53 of this movie, in which the claimed PK moment of action is studied in parallel using a portable [electroencephalogram \[EEG\]](#), where the moment of action corresponds to a very high peak of specific [gamma brain waves](#) (GBWs) [with frequency interval 25-100Hz, but generally 40Hz] which have been linked [according to different studies] to diverse cognitive functioning, including a general neural correlate of the ongoing stream and contents of consciousness, long-range neuronal communication underlying the “[binding problem](#)”, visual representation and attention, with correlations between GBWs

frequency and the increases in blood supply as measured by the [functional MRI \(fMRI\)](#) BOLD signal [\[URL\]](#)

- c. There are many critiques concerning the claimed PK demonstrations given by Mr. Bavli in the TV show previously presented: the majority of the opponents “judge” Mr. Bavli indirectly, by comparing him with [Uri Geller](#), who was exposed by [Mr. James Randi](#) in his famous “One Million Dollar Paranormal Challenge. See forum [URL](#). However, these critiques don’t bring any strong argument against the EEG recording, except that the neurologist specialist or Mr. Bavli could have faked somehow that EEG recording, which is very improbable, as Stan Lee takes many precautions in each of his TV show episodes, including choosing collaborators of trust.

3) **The case of [Mr. Kanzawa Tadashi](#) proposed by this paper (as his claimed PK-like abilities [to strongly relax animals from distance, without any known/proved physical contact] made in the TV series “Stan Lee's Superhumans” weren’t proved to be fraud until present). I have included this case in the PK section as Mr. Tadashi appears to influence animal neurophysiology (and consequently the entire metabolism of the target-animal) from distance, without any known/proven physical contact. See these online movies (YouTube):**

- a. [Chi Energy - master gets animals to sleep](#) (episode in Stan Lee Superhumans TV show)
- b. [Kanzawa Tadashi controlling animals by the Power of Chi](#)
- c. [Japanese Qigong\(kikou\) doctor Kanzawa - Amazing!](#)
- d. The previous movies demonstrate (strong) relaxations of the target-animals, relaxations that are significantly different from the “standard (classical)” tonic immobility (catalepsy) (initially called “animal hypnosis”) which is generally an instinctual response (an inborn survival mechanism of type “freeze-or-die” [when faced with a predator that can spot movement]) that can be produced in the target-animal only by physical manipulation/contact of/with the target-animal (forced immobility, movement or touch) and which catalepsy is widespread in nature and was demonstrated/observed in chickens, rabbits, guinea pigs, sharks, ducks, alligators, Fijian ground frogs etc [\[URL1, URL2, URL3, URL4\]](#). See also the Youtube movie: [Animal hypnosis and trances – BBC](#). After one analyzes all these reference-URLs, it becomes clear that, in the case of Mr. Tadashi, animals are strongly relaxed and not “tonically immobilized”.
- e. The skeptics bring only weak conspiracy-like arguments (like directing/editing tricks) against Mr. Tadashi and his demonstrations on a relatively large palette of animals: see these arguments on forums [\[URL1, URL2\]](#)

4) **Similar movies with unidentified subjects claiming and trying to demonstrate PK abilities similar to Mr. Bavli (these movies have a low probability to be fakes or to imply frauds). See these online movies (YouTube):**

- a. [The old man 84 years old performs the supernatural Chinese Qi Gong.mp4](#) (a Chinese news that present 84 years old man who has been practicing QiGong for 60 years) [\[URL\]](#)
 - i. This material is critiqued in other movie ([The Real magic? NOT but Chinese FRAUD! \(part 1 of 6\)](#)) created and presented in an Asian language (probably Chinese) (with no translation/subtitles in English or other more accessible language), so that the author of this paper to understand the arguments given by these skeptics.

5) **Similar movies with other unidentified/identified subjects containing [poltergeist](#) activity (caught on camera) which may be also explainable by (or may imply) PK accordingly parapsychologists Nandor Fodor and William G. Roll (these movies have a low probability to be fakes or to imply frauds):**

- a. [10 of the Freakiest Alleged Poltergeists Caught on Video](#) (a collection of distinct cases on the same compiled movie)
- b. **The case of a child from the village Naipu (Giurgiu county, Romania, 2017)** (it is not clear if the Romanian police or other persons installed the camera that caught the unusual phenomena; the parents left the Romanian hospital “Prof. dr. Alexandru Obregia” with the child at wish, before the medical specialists from that hospital to reach a fully documented conclusion on this case)
 - i. [Cazul ciudat al băietelului din Giurgiu cu puteri paranormale îi îngrijorează pe asistenții sociali](#) (a recent case from Romania which was intensively documented in the media and inspected in detail by the Romanian police, with no proof of fraud until now) (see especially footage from minutes 0:49-0:55)
 - ii. [O familie din Giurgiu este terorizată în propria casă. Nu de hoți sau de inamici ci de o forță](#) (see especially footage from minutes 1:47-1:50)
 - iii. [Ce spune Patriarhia Română despre cazul copilului ”paranormal”, care ar provoca fenomene stran](#) (the official position of the Romanian Orthodox Church in this case)

6) Hypotheses launched by this paper concerning PK:

- a. The hypothetical PK force/field (**PKF**) may be gravitational in nature, as it may distort spacetime in the target object or may reconfigure the hypothetical spacetime atoms (predicted by the quantum gravity theories), which may generate movement of the target object.
- b. Whatever the nature of PKF, it is clear that it may be manipulated by human consciousness (**HC**): it is also possible that, if proved to surely exist, PKF to be in fact an extension of HC, like another physical (void-based?) “organ”/”tissue” of HC. This is similar to electromagnetic field of cells and tissues being manipulated by specific chemical reactions (controlled by the cells and the brain, consciously and/or unconsciously).
- c. In the light of new theories (which treat HC and all other type of consciousnesses as “natural physical phenomenon(s)”), PKF may be a natural manifestation of any “natural consciousness”.

7) Possible future experiments proposed in this paper concerning claimed PKF:

- a. fMRI can be used together with EEG to study the subjects that claim PK abilities.
- b. The target-object may be shielded all around (360 solid degrees) with a layer of lead (at least 0.5cm thick) to exclude (if it would be the case) the action of any electromagnetic force. If the target-object will still move (as measured inside the cavity made of lead), PKF would probably be either gravitational or of other nature than the 4 known fundamental forces (a possible “5th force”)
- c. It may be useful to test different electromagnetic shields (just-visual or even whole-spectrum electromagnetic shields using lead-based materials) on Mr. Tadashi to analyze if his claimed qi flux can penetrate such physical shields.
- d. It is discussable how feasible would be to adapt a **tabletop gravitational wave detector** ([URL](#)) to study different PK cases and to exclude the gravitational nature of PKF if such “force” (PKF) would be ever shown to exist with no doubt and high reproducibility in future experiments.
- e. In the poltergeist cases, it is clear that cameras should have a high framing rate and should be used in both interior and exterior of locations 24 hours a day (in both daylight and infrared capture in the night)

V. On the human possible ability to levitate without using any physical device except his/her own body ([levitation](#) [LEV] aka transvection)

1) Minimal introduction in [levitation](#) (LEV):

- a) LEV (aka transvection) in a claimed “paranormal context” is defined as: “the rising of a human body and other objects into the air by mystical means” (Wikipedia [\[URL\]](#))
- b) Some other websites extensively present LEV: [URL1](#), [URL2](#), [URL3](#), [URL4](#).
- c) There is also a PhD thesis on claimed human LEV published by Simon B. Harvey-Wilson in 2005, at [Edith Cowan University \(Australia\)](#) [[URL-Abstract](#), [URL-Full-text](#)]

2) The case of a Buddhist monk (living in a Himalayan mountain monastery in Nepal) presented by the magician Dan White in the Discovery channel TV show called “The Supernaturalist” (as the LEV ability claimed by that monk wasn’t proved to be fraud until present). See these online movies (YouTube):

- a. [Man Levitates. MUST SEE!!!!](#) (interestingly, the monk can speak English and he is quite modest and polite to Mr. White: he clearly shows an anti-exhibitionist attitude; it may be an essential detail that “the [levitating] energy [of the monk] won’t work” if Mr. White will stand too close to the him). The same movie can be also found on YouTube as: [Real Magic? - Levitating Monk - Can You Believe Your Eyes -THE SUPERNATURALIST on Discovery.](#)
- b. The previous movie is an extract from the full episode of “The Supernaturalist” TV show on the Discovery channel: [Buddhist Monk Levitation - Full Movie](#) (to watch fully, from the minute 20:47 or from minute 35:18: the monk insists that “he does meditation only for himself and NOT for other people” and that “it is like an ocean: it is very deep”, but he accepts to talk and interact with Mr. White; the magician manages to amuse the monk with his magical tricks)
- c. Regarding again the famous Randi’s 1 million dollars prize (for the human who can prove their possible PSI abilities in laboratory conditions), the case of this monk is a strong argument for the general fact that true/authentic (PSI) masters do not make parade of their powers and have a very low probability to participate to any mediatic “circus”, as they are generally very discrete and fully dedicated to their spiritual practices.

3) The case of an African shaman called “Ovacu” (from a small African village) performing LEV as captured on camera by a German film crew conducted by the respected German TV journalist Ralf Ohlson in the 70s (who had to defend himself by the harsh attacks against his reputation after coming back in Germany with these rare recordings). See these online movies (YouTube):

- a. [Levitation of an African Shaman.AVI](#) (the original variant of the movie, commented in German language; notice that Ovacu becomes very exhausted after finishing the demonstration of claimed LEV)
- b. [African shaman performing levitation](#) (a variant of the movie commented in English)
- c. Other variants of the same movie with additional comments in oral and written English by different YouTube users:
 - i. [Levitating Shaman Footage Touted As A Real](#) (this YouTube user also speculates that this LEV demonstration may be associated with intense gamma brain waves bursting)
 - ii. [Mind over Matter - African shaman Levitation](#)

iii. [NRZ - Lebdeči šaman \(isječak \) - levitating shaman \(clip \)](#)

- 4) **The case of the apparent “flying girl” captured accidentally in a Russian wood by a man who was walking his dog in the same wood (as this LEV video wasn’t proved to be faked until present). See these online movies (YouTube):**
- a. [flying girl in russian wood](#) (the original movie published on YouTube on March 2nd 2009 by the Russian user “Jevgenij2000 with a comment written in an English full of misspellings: “i have recort this video while going for a long walk with my dog. i cat’n explain myself what was happened there. i was very surpriset. i didt’n expect to meet anyone, becorse it was in a afield wood.”)
 - b. [flying girl in russian wood - stabilized and enhanced](#) (a variant of the same movie in which the image is significantly stabilized and the colors are enhanced)
 - c. [flying girl in russian wood - A CLOSER INSPECTION](#) (a short analysis of the same movie regarding some plants which appear like a pair of steel cables, probably just a video illusion)
 - d. [5 Mysterious Videos That CANNOT Be Explained!](#) (in this movie, the Russian girl case is explained in oral English from minute 2:55)
- 5) **The case of the same Mr. Zhou Ting Jue who stands on a very thin and relatively fragile piece of wood-framed paper, claiming that he uses qi to diminish his weight (defined as the gravitational force that pulls him to the ground level). See these online movies (YouTube):**
- a. [Master Zhou History](#) (a movie containing additional claimed capacities like: standing on a fragile wood-framed sheet of paper; pushing a relatively large car with a sparrow propped in his anterior neck, in the suprasternal fossa; allowing to be pierced into the forearms skin with to relatively thick long needle-like objects without any observable hemorrhage, as if Mr. Zhou could not only control pain but also skin blood flow in both forearms). Similar demonstrations also in this movie: [One of the Toughest 78 Yr. Old Men Alive? Qigong Master Zhou Ting-Jue](#)
- 6) **The case of [Saint Joseph of Cupertino](#) also called “The Flying Friar”(Italian Catholic saint who lived ~60 years, between 1603–1663), which is a significant and well documented historical case of LEV:**
- a. [St. Joseph of Cupertino](#) was witnessed to hover a few inches above the ground (or even flew high in the air) in front of large crowds all over Italy (especially during the Masses conducted by him as a priest, when he was seen floating above the altar or even to the topmost spires of St. Peter’s Cathedral; his longest LEV period was two hours). For his witnessed LEVs, St. Joseph was deemed disruptive by his religious superiors and Church authorities, and was eventually confined to a small cell and forbidden from joining in any public gathering of the community. Because in that time LEV was widely believed to be connected with witchcraft, St. Joseph was denounced to the Inquisition who transferred him for careful observation from one friary to another. St. Joseph practiced a severe asceticism throughout his life. After his death, the church canonization process involved in-depth investigations, including many written records and ~150 eyewitness testimonies of two cardinals, Pope Urban VIII (who also saw St. Joseph levitate several feet above the ground) and the inquisitors, providing detailed information about St. Joseph’s LEV. [\[URL\]](#)
 - b. St. Joseph claimed to have achieved his LEV ability after over two decades of intense spiritual practice. He died in 1663 from a severe fever and he was canonized in 1767 by Pope Clement XIII. In the end, the Catholic Church considered his LEV ability “a work of God”. A biography of St. Joseph was written in 1753, at the time of his beatification and it was based on the Acta Sanctorum and the official documentation from the process that obtained his beatification on February 24, 1753 by Pope Benedict XIV: this biographic book called “St. Joseph of Cupertino” may be ordered at Christ the King Traditional Catholic Books & Gifts. [\[URL\]](#)

- c. St. Joseph's case was also extensively documented (and argued as being genuine) in a book edited by Rowman&Littlefield under the title "**The Man Who Could Fly: St. Joseph of Cupertino and the Mystery of Levitation.**" by **PhD Michael Grosso** who received his PhD from Columbia University and is unofficially affiliated with the Division of Perceptual Studies at the University of Virginia. Mr. Grosso was initially under contract with Oxford University Press to publish this book, but his contract was terminated when he refused to tone down the claims about LEV [[URL1](#), [URL2](#)]

7) Hypotheses launched by this paper concerning LEV:

- a. If it exists, LEV may be a case of gravity shielding/manipulation made by human consciousness (a possible direct manipulation of spacetime geometry/structure), which may represent a huge upgrade to the modern physics theory and biology (including theories of consciousness and theories of [biophysical] information) with the potential discovery of a unified bio-info-energy concept of both our universe and its life forms, in a future "mature" Theory of Everything (TOE).

8) Possible future experiments proposed in this paper concerning claimed LEV:

- a. fMRI can be used together with EEG to study the subjects that claim LEV abilities.
- b. The subject may be shielded from ground with a layer of lead to exclude (if it would be the case) the action of any electromagnetic force. If the subject will still levitate, LEV would probably be either gravitational shielding or a force other than the 4 known fundamental forces (a possible "5th force")
- c. It is discussable how feasible would be to adapt a **tabletop gravitational wave detector** ([URL](#)) to study at least one case of LEV and to exclude the presence of any gravitational wave with repulsive effect, if LEV would ever be shown to exist with no doubt and high reproducibility in future experiments.
- d. It is clear that the cameras (used on the LEV subject) should have a high framing rate and should be positioned in at least 4 circumferential points (all around the subject) and two additional cameras to film the subject vertically from up-to-down and from down-to-up.

FINAL NOTES:

1. **All the digital image/video experts reading this article are invited to analyze each movie separate (frame-by-frame) and search for any fraudulent interventions on these movies. It is clear that the other types of potential frauds cannot be detected unless future experiments on the same subjects will be conducted.**
2. **All movies cited and commented in this paper are organized in this online JavaScript database created by the author: psi.dragoii.com**

VI. Endnote reference (listed in the order of apparition in the text)

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- [x] Drăgoi Andrei-Lucian (2016). “**(BIDUM 2.0 - new full version)** (Parts I-VII) (54 pages) (28.08.2016) A Bio-Info-Digital Universe Model - version 2.0 (BIDUM 2.0) based on a series of Planck-like informational constants and using the hypothetical gravitonic qubit as the basic unit of the (bio)physical information”. DOI [10.13140/RG.2.2.31135.56480](#). [URL1a\(ResearchGate\)](#), [URL1b\(ResearchGate\)-list of abbreviations](#), [URL2a\(Academia.edu\)](#), [URL2b\(Academia.edu\)](#), [URL2c\(Academia.edu\)-list of abbreviations](#). **Redundant DOIs:** [10.13140/RG.2.2.17713.79209](#) [[URL1](#)], [10.13140/RG.2.2.27780.12162](#)[[URL2](#)], [10.13140/RG.2.2.14358.34882](#)
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