

our planet threatened with the potential of complete destruction of all life by nuclear Holocaust."

"...it would have been difficult for [Tewari] to go on with work on the SVT and the generator were it not for encouragement from two U.S. physicists, Dr. John A. Wheeler of the University of Texas, Austin, and Bruce DePalma, formerly a lecturer in physics at the Massachusetts Institute of Technology. "But for DePalma, I wouldn't have been able to tie up my theory," says Tewari. "He was working on similar ideas and kept sending his results to me."

By reviewing the following articles you can see that support for this project is thwarted by so-called experts in physics who are quoted stupidly in public news articles discrediting something they have not studied and are afraid of because it seems to violate their "known laws of physics." To those versed a bit in physics or electromagnetism it is clear that Dr. Hone's scientific response below is totally bogus because he is talking about the "induction effect" that he calls below the "Faraday effect" whereby a wire moving through a magnetic field has an electrical current induced in it by that motion, or so the "theory" behind that particular "law of physics" says.

This is this principle, electromagnetic induction, responsible for all the electricity generation by generators commonly used for a hundred years around the world and the same principle responsible for the operation, in reverse, of all commonly used electric motors, a coil of wire on an armature rotating inside an array of magnets producing a current in the wire to generate electricity and conversely by putting electricity into the coil it spins within those magnets as a motor. That Dr. Hone below acknowledges this and still says that this principle is not valid or scalable up to larger machines for more power is simply factually wrong. That he equates this principle of induction to the operation of the n-Machine which is based on a deeper understanding of a different effect found by Michael Faraday in 1831 that he called the homopolar or unipolar effect, and its corresponding unipolar or homopolar generator and motor effects, is also factually incorrect, since this latter effect has no wire/conductor moving relative to a magnet to "induce" current in the wire, but rather is a spinning disc magnet with attached metal conductor rotating together with no relative motion between the magnet and that conducting disc from which electricity is extracted flowing from the center to the edge of that rotating magnet/disc assembly.

Faraday also discovered that if the disc is rotated with the magnet stopped, there is a current flowing in the disc, this seemingly like induction. But if the magnet is rotated and the disc is stopped there is no current flowing in the disc, which violates the principle of induction and led Faraday to conclude that the magnetic lines of force of a magnet are not a property of the magnet but induced in the space the magnet occupies by its magnetic field, ie, because this non-reciprocal effect indicate the magnetic lines of force do not move with the magnet rotating.

This accounts for some of the confusion about this particular electromagnetic effect, which Faraday called the homopolar effect and DePalma re-discovered and proved independently 147 years later calling it the n-Effect, but with the additional insight of "tapping the free energy field of space itself."

This rotating magnetic assembly duplicated by Tewari of India, Shiuji Inomata of Japan, and by Adam Trombly, of Colorado's Aspen Institute for Advanced Studies (founded by Trombly and Buckminster Fuller, in the 1980's)

This "homopolar" effect was not known in the scientific community or taught in any of the schools before 1980 and the 1979 DePalma n-Machine tests quantitatively proved not only that this works but also, unique to DePalma and not conceived by Faraday, that rotation produces more current than it takes to operate a motor to spin the assembly. DePalma's earlier experiments on gravitation and rotation and inertia anomalies indicated to him that this "homopolar" effect he had only learned about in 1981 was due to the rotating assembly "extracting electricity from the energy field that exists in space itself, the space in which matter resides."

Light is not energy emitted from the centers of the annihilated electron and positron.; it is an effect produced due to dying potentials of the annihilated particles. This is the true nature of light as per SVT. When this nature of light is taken for analysis, then an observer moving towards a light source ( that sends successive pulses of annihilation light continuously) finds that its frequency (nos. of pulses received by him in unit time) is increased while the wavelength is proportionately decreased ; and if he recedes from the source, the very opposite happens.

Thus, the product : frequency x wavelength, remains the same, that is, the same speed c, as postulated in Einstein's special relativity theory. But when the photon nature of light is taken into account, it becomes incomprehensible to conceive as to how different observers in relative motion can measure the same value of c unless one resorts to time dilation/ length contraction.

So, it's the misconception on the true nature of light that has caused the confusion. Light is not a phenomenon as fundamental as matter. With creation of electron [when the speed of rotation of the fluid space reaches c and its flow breaks down] gravity and electrostatic fields are first created. With motion, vibration, acceleration, annihilation of electron, the gravity and electrostatic fields change into electromagnetic field—that is, light. Had there been no creation of matter and its motion/oscillation, there would have been no light.

The speed of light c, that is,  $3/10^8$  10 cm /s, is associated with the most basic property in the universe of space and matter. In fact, the only absolute property that the superfund space has is its limiting angular rotation, which is : c / electron radius, beyond which, its flow breaks down into matter.

As stated above, when the speed of rotation in a space vortex reaches c, the flow of the superfund space breaks down into electrons and positrons, thus creating mass, charge, gravity and electrostatic fields. Therefore, more basic than the transmission of potential effects, that the phenomenon of light is, is the maximum flow of space, which too is at the speed of light.

Thus, "c" has two functions: (1) transmission of potential -effects relative to space at velocity c, and (2) limiting flow of space at velocity c.

It has been possible in SVT to derive all the known fields and predict new field (nuclear field) from a single constant c and the radius of the central void in electron 's space vortex. All the universal constants too have been derived with the above basic constants. And this supports your theory that, "everything is related according to the very nature of light."

You mention  $c^2$ . In fact as per SVT,  $c^2$  is the maximum possible electric field in the universe and it is a vector quantity, c is also the maximum possible magnetic field in the universe and this too is a vector quantity;  $c / \text{electron's radius}$ .  $s^2$  is the universal time;  $(c^2 / \text{electron radius}) \cdot s^2$ , is the universal radius.

Also,  $c^2 / \text{electron radius}$ , is the maximum possible acceleration field (inward vector)in the vortex structure of electron. In all the above expressions, c appears as the limiting (maximum) flow of space, which, as pointed earlier, is the speed of light relative to space as well.

I think when it comes to truly basic concepts, like mass, charge, transmission of light, mathematical conventions of scalar and vector can be appropriately taken care of if so required. For instance, in SVT , mass is a product of volume and velocity of light, which should be a vector quantity. But, this problem stands resolved when mass is defined as the volume integral of velocity and becomes a scalar. Similarly, the product of electron surface and velocity of light is electric charge and should be a vector; but defining it as surface integral of velocity makes it scalar.

I think such mathematical conventions such as scalar and vector, though meaningful for computation, should not override analysis for truly basic physical concepts.

The question of velocity of light relative to observers arose because of relativity theory's empty space (Empty space does not explain creation of fields and matter; neither it can explain the very existence

electromagnetic system and got between 5:1 and 20:1 incremental over-unity effects over range of parameter variations (speed of rotation and strength of rotating electromagnet) as per witness by DOE team et al. <http://www.depalma.pair.com>

There was a memorial remembrance gathering in Tehachapi for Ed Delvers a few weeks after his sudden passing from an apparent acute asthma attack, so I would sure like to share this as a testimony to Ed's little known contributions as Bruce's protege and one of his most brilliant students at MIT, asking original and penetrating questions about physics principles. DePalma was greatly influenced and aided on his path by working with Ed to test the spinning vs non-spinning ball bearing drop, after they could not find in the literature if it had ever been done before. Were it not for "Ed's mind" in its student-teacher dynamic with DePalma, this whole line of inquiry may never have started. Neither may have these keystone, Galileo-like, fundamental, principle discovery experiments have been pursued either.

The spinning vs. non-spinning ball bearing drop experiment as ultimately witnessed by Dr. John A Wheeler in his own office, after a photo of the experiment was published in the Sunday newspaper with an article bemoaning his refusal to go see the experiment, seems to be some kind of "secret" history as evidenced by years of refutation by Dr. Sarfatti and others of these documented experiments. Dr. Wheeler certainly seems to be in support of P.Tewari and in complete denial of the contributions made by Bruce E. DePalma.

Compiled from the personal archives of Bruce E. DePalma with permission.

#### Appendix

1. Correspondence between Bruce Depalma and Dr. Schrieffer University of California Santa Barbara, Institute of Theoretical Physics.
2. Adam Trombly's 1988 Climate Change and Alternative Physics lecture transcribed.
3. 1988 N- 1 Report and Stanford Emeritus Professor Kinchloe's review.
4. Paramahansa Tewari "Beyond Matter."
5. Sparky Sweet "Nothing is Something."
6. Dr. Fred Wood "Maxwell-Heavyside equations revisited."

Subject: Fw: Your comments on 'Pathological science'

Date: Tuesday, November 18, 2003 11:57 PM

---- Original Message ----

From: P Tewari

To: Mark Gubrud

Sent: Wednesday, November 19, 2003 10:41 AM

Subject: Your comments on 'Pathological science'

Dear Dr. Gubrud,

In your reply to David Crockett William (16th November), on the explanations of researchers to various free energy experiments, you observe "delusional notions based on half-misunderstood science." True, there could be some in this category, but, let me assure you, there are many exceptions.

Before I proceed further, please permit me to introduce myself. I retired (1997) from the post of Executive Director ( nuclear projects ) in India, having constructed and commissioned large nuclear projects almost throughout my professional career. Side by side with my engineering profession, I framed a hypothesis ( as a spare-time research hobby) on the structure of electron (1974) to explain the genesis of "mass", "charge", "inertia", and energy fields ( electrostatic, magnetic, electromagnetic, gravitational) arising from the electron structure. This hypothesis, having provided several proofs, is now referred as Space Vortex Theory (SVT). The latest work is : "Universal Principles of Space and Matter—A Call for Conceptual Re-orientation"

As per SVT , an electron has a discontinuity of energy -distribution at its center and, in fact ,its mass is directly proportional to the field-less, energy-less, spherical volume of "nothingness" (void) at its center (of the order of  $4 \times 10^{\wedge} -11$  cm in radius). With the maximum speed of circulation of fluid space ©) in the vortex , the vortex structure is dynamically stable.["space" is postulated as a nonmaterial ( massless, density-less, incompressible, zeroviscosity) fluid].

The genesis of electron- mass and charge are quantitatively derived, explaining for all the time as to why matter possesses mass, charge and inertia.

So also, the origin of energy fields including gravity field is quantitatively derived ; all universal constants are derived with a single universal constant. The basic form of energy is defined as, "massless space in acceleration."

The surface gravity of the earth is derived from space circulation around it. [This sounds weird, but Dr. Wheeler's comments on my initial work was, "Isn't this another way of stating the content of Einstein's 1917 and still standard geometric theory of gravity, according to which the geometry of space is a dynamic entity, changing from instant to instant according to an utterly simple and beautiful law"...]

With the principles of SVT , the concepts of the contemporary physics (CP), go topsy-turvy. For instance, photon can not possess mass or momentum, nor any angular momentum.

In fact light, basically, consists of spherical wave pulses, least like photons. So also there is no reality to "electromagnetic mass". It's the misconception on the very nature of mass that has led to assigning mass to mass less entities.

Electron is a particle, least like a wave. Photon is a wave- pulse, least like a particle. Einstein did not account for the kinetic energy of photo electrons that they already possessed before their release in photoelectric effect. This led to an erroneous concept of photon that founded quantum physics.

If you are interested , I can send you my latest work. Then you can see for your self the errors that exist at the very foundation of CP. The errors are so grave, that the mystery of mass, inertia, charge, and light can never be solved by CP.

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22 July 1988

DePalma - Sohrieffer

**Xhe classical ideas of Thermodynamics which are founded on the co-equality of inertial and gravitational mass in the collision of rotating atoms will have to be revised\* Non-conservation of energy and momentum in these collisions leads to the possibility of the dlreot extraction of energy from the free energy field of the Universe.**

**Incorporation of these Ideas into a new machine has lead to the construction of an electrical generator, the N machine, for dlreot extraction of electrical energy from the InerUal field of space.**

**Xhe fact that this technology has been taken upend applied world wide (France, Germany, Australia, India, and Japan), makes it incumbent upon the United States to follow up on this idea.**

**Xhose of us who are dedicated to the pursuit of world peaoe would like to hope that acceptance of these new ideas in the world of the physical sciences will release humanity from the limitation of fossil fuel economy based on coal, oil, and uranium.**

**World peaoe on a planet freed of limitation is a dlreot consequence of this work. This seminal goal for the youth of our society, whioh have yet to realise their maturity, la too important to let individuals stand in the way of its realization\* Xhe materials and appeals which have been directed to your IXP over the last ten years speak to this» We of the peaoe movement see a turn-around in world physics as essential since science plays such a powerful role in the future of the world\*»**

**m the past, the re-oantations of Galeleo and the burning at the stake of Geordano Bruno were the reactions of the establishment to the winds of ohange\*.I would like to hope that in 1988 we have reached a point of maturity where the adoption of new ideas In science is not so difficult that the proscriptions of the past need to be applied to the scientists of the present\*»**

Yours very truly»



Bruce DePalma

science theories separate from the 20th century's concrete experimental results and notable experimental work in atomic structure , radio activity, electron positron annihilation etc.) starting with the quantum physics in the 20th century and leading to a weird concept of a dying universe of empty space and solid matter and fields, rather than examining the opposite concept hypothesized in my first work "The Substantial Space and Void-nature of Elementary material particles."

Best wishes,

Paramahansa

PS. A senior Biochemist and Theosophy Scientist from USA, having read my first work (1977, 1978?), sent me a copy of "Occult Chemistry," by Annie Besant and Charles W. Leadbeater. In the Appendix of this booklet the following is given: "Let us for the moment name this substance Koilon, since it fills what we are in the habit of calling empty space...Matter is not Koilon, but the absence of Koilon, and at first sight matter and space appear to have changed places, and emptiness has become solidity, solidity has become emptiness..."

Talking of fundamental particle of matter, Leadbeater continues, "Just as bubbles (bubbles rising in water) are not water, but precisely the spots from which water is absent, so these units are not Koilon, but the absence of Koilon... specks of nothingness floating in it so to speak, for the interior of these space bubbles is an absolute void to the highest power of vision that we can turn upon them.

That is the startling., well-nigh incredible fact. Matter is nothingness...  
The worlds are built out of these voids, these emptinesses..."

The above was the first concrete idea of existence of a spherical void at the electron center coming from the Theosophy science while I reached the same conclusion searching for the mass, inertia and charge properties of electron. Is it ever possible for particle accelerators to detect voidness at electron center?

From: P Tewari <[ptewari\\_1@sancharnet.in](mailto:ptewari_1@sancharnet.in)>

To: David Crockett Williams <[gear2000\(g\).lightspeed.net](mailto:gear2000(g).lightspeed.net)> Subject: Uncertainty Principle

Date: Monday, October 06, 2003 5:36 PM

Dear David,

This subject is good for debate and its opportune that you have raised it. I am sending copy of this note to some of those senior scientists who have seen either my latest book or are partly aware of my earlier work.

As to how the uncertainty principle came about is a long story which, now analyzing with the principles and the results of the space vortex theory (SVT), seems to be full of unintentional errors [by some great minds of the time] multiplying into blunders during the development of the quantum physics. It has been analyzed in "Conceptual Error on the Fundamental nature of Light Phenomenon in Classical Electrodynamics led to complexities in Quantum Physics," Journal of New Energy, Vol. 5, No.1, Summer 2000 [also available at [www.tewari.org](http://www.tewari.org) and in "Universal principles of Space and Matter -A call for Conceptual Reorientation." A brief comment is as below.

Photo electric effect: At the time Einstein explained the photo electric effect [1905], he could be aware only with the Thomson's theory of atomic structure - sphere of uniform positive electrification in which the electrons were supposed to be embedded, because the Rutherford's theory, as per which the electrons orbit the nucleus came later [1913]. Therefore, in his photoelectric theory, Einstein did not take into account any kinetic energy that a photoelectron could have had prior to its release from the atom.

7 September 1988

Dr\* Robert Sohrieffler  
Institute for Theoretical Physics  
UCSB. Santa Barbara, 0A, 93106

Dr\* Sohrieffler,

In reply to your interesting letter of 25 August, we of the American Peace Movement now have to call for your resignation as the head of the UCSB IXP. As a physicist you have been confronted with the reality of zero-point free energy physios and you are unable to rationalise the new information. Xhls means you are unsuitable to be the head of any physios institution and should probably seek some other kind of work to finish out your career\*

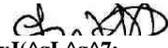
Xhe leader of any pre-eminant physios research group, whether theoretical or practical, must take into account the enviorn-mental and societal consequences of the work they are doing\* Nowhere in your letter do I find any awareness of the implicit responsibility a scientist of the 20th century should have to his planet and to his race.

In a University where the youth are to be trained and given the tools to aid in the perpetuation of life on this planet, I find in your Institute for Xhe ore tica I Physios a complete lack of the sense of moral responsibility which should be a primary requisite for the tenure of a faculty member in such an envlommment\*

It is interesting to note that although you and your "advisors"<sup>1</sup> aspire to be pre-eminant in the field of theoretical physios you do not seem to be aware of the Requests for Proposals which have been coming from the Air Foroe since 1986 in the area of free energy physios for propulsion and energy generation\* "Experts" such as yourselves should be eager to discuss such ideas unless there are hidden interests to be protected.

Against a mountain of evidence you pretend to ignore the reality of dlreot extraction of electrical energy from space. Since theoretical physios la, in general, based on the Ideas of mechanics; alteration of the ideas of mechanics based on the science of the study of rotation, invalidates or alters the physical bases on which the Institute for Xheoretical Physios operates\*

We all hope the IXP is a useful organ of the University. Ignorance of physical reality will call for a resignation of its director, and if such condition persists, then removal,of the IXP itself should be considered\*

  
With regret, vJ(^g L ^g ^7;

Bruce DePalma

of magnets can exceed the input, as reported by Bruce DePalma.

These results started coming through my own tests only after 1985-1986.

After 1985, I have not been in contact with Dr. Wheeler except for a letter expressing my grateful thanks to him that was sent last year along with my latest book in which the only acknowledgment for him is recorded in the preface of "Universal Principles of Space and Matter — A Call for Conceptual Re-orientation."

On the history of my theoretical work, the space vortex theory (SVT) and my interaction with Dr. Wheeler, the following is a brief report.

An article "The physical Universe," with basic postulates: Space is a non material superfluid (non viscous, continuous, massless, incompressible) with a limiting flow at speed of light; discontinuity of energy at electron center, was sent to Foundations of Physics in 1974.

Being a brief article, only qualitative in nature at that time, it was not published though some appreciation of the concepts did come from the referee / editor. An Indian physicist, to whom I wrote for help, plagiarized the very basic concepts of this article and published the same postulates (changing the words) along with two other physicists in an important journal. [It was reported in the press by me]. Thereafter, I was cautious and was advised by a senior physicist who appreciated my work to contact Dr. Wheeler for guidance on these very new concepts of electron and its structural relationship with space. [ Prof. Abdus Salam, a Nobel laureate, too advised me later (1981) to keep in touch with Dr. Wheeler. Please see Dr. Wheeler's letters and Prof. Abdus Salam's letter at <http://www.te.wari.org>.

In his first letter [1975] he points towards the quantum principles. In his second letter [1977], while agreeing that he once conceived the polyelectron approach but no more considered it profitable, yet he forwarded to Prof. Shild to do an article including the work of Prof. Sternglass and also my own.

Unfortunately, Prof. Shild expired soon after, and the article was never written. In his 1985 letter, Dr. Wheeler credits me with my approach in using a simple geometric theory in a dynamic fluid space and finds similarity with Einstein's general relativity (1917). That is the most encouraging comment on my work from the eminent scientist / philosopher that Dr. Wheeler is. Last year, Toby Grotz sent my latest book "Universal Principles of Space and Matter — A Call for Conceptual re-orientation" to Dr. Wheeler and talked to him on the phone. He commented that the book will be very useful for science and history.

My work was never published in main stream journals. One reason was that publication of such a radical theory requires lot of skill and labour which I could not provide mainly due to my preoccupation at nuclear projects in senior positions [Chief project Engineer, Project Director/ Executive Director]. In addition to circulation of my earlier books to the interested physicists/ engineers/ scientists, mostly abroad and some in India, the hypothesis [though not fully complete as a theory] was first published in an International Conference Proceedings, Italy, 1982 [Editors: Dr. Stefan Marinov, Prof. J. P. Wesley]. Further, the hypothesis was recorded in international conferences in Germany, USA, Italy, Japan; also in certain science journals in USA, Italy, Japan, etc. Thus, the main stream physicists will not find details on my work in the journals of the physics establishment. Some aspects of the SVT now in a fully developed form are given in the enclosures.

The Cartesian space and matter of ether vortices continued for a century even after Newton's Principia. Despite its replacement by the Newtonian empty space, electron structure as an ether vortex was very much being debated by the close of the 19th century. In fact Larmor even conjectured emptiness at the center of electron's ether vortex structure as provided in SVT. [This I learnt only lately] But a problem on the stability of ether vortices had arisen. However, special relativity (1905) discarded ether.

The modern physicists, if at all they have ever read my papers or books, will see in my work an attempt to re establish the Cartesian philosophy with which, after relativity theory, they are totally averse. They

So we decided that we would look into the matter of "Homopolar" generation itself- the history, who came up with it, as Bruce DePalma and others have pointed out. Even though Michael Faraday did an experiment on December 26<sup>th</sup>, 1831, in which he co-rotated a magnet with a copper disk and measured a current output. Even though he had done that experiment, his own law of induction tended to ignore that fact.

A professor with the Royal Society in London, a professor of science history, told me that the original Faraday cage was designed to keep electromagnetic noise out, but to keep Michael in. You see he played with a substance we call mercury, and in those days there was very little appreciation for the toxicity of mercury. And so Faraday apparently suffered from a form of dementia, which we've heard very little about because it's one of the cornerstones of the building we have been living in, in science.

We found out after we found Faraday's diary, after we found the citations of the experiments that he had done, that there was a gentleman by the name of Bruce DePalma in Santa Barbara, California, who had suggested that on the basis of the co-rotation of a magnet and a conductor, which we were at that time contemplating ourselves, it might be possible to generate more energy out from the generator than the input in.

I must say that my initial response to that was probably not as skeptical as some people might be when they heard such a thing, because in the field of astronomy or astrophysics it is not uncommon, not uncommon at all to find an object that is obviously exceeding what we "know" to be its thermonuclear, or any other form, it's exceeding the output that it could possibly have by thermonuclear means, by fusion, by fission, by anything we normally consider.

And so, because we had seen that already in space there was this planet Jupiter clearly being a demonstration of what we initially considered to be an anomaly. Clearly putting out three times as much energy as it could be possibly be receiving from the Sun. We decided to reduce to practice a form of generator with the intention of practical commercial use, and through various good fortunes we arrived at funding.

We actually, for this field in those days, got substantial funding. And as a result of that work, we applied for a patent in 1980 which was, as many of you know, denied by the U.S. Patent Office as being implausible to the extreme. The statement was to the effect that, "This device could not even generate electricity." It wasn't that it couldn't generate electricity in excess of input, it was that the machine couldn't generate electricity at all. The patent officer himself was, as many of us, as all of us basically were unfamiliar, he being totally unfamiliar, with the fact that you could co-rotate a magnet with a copper disc, even though we had provided him with a copy of a page from Faraday's diary. He actually suggested that the diary notes might have been something created *ex post facto*.

My initial naivete in entering this field was rapidly destroyed. We felt that if we could produce a practical, commercial, viable unit, then the world would be very excited indeed. And what we discovered instead was we were dealing with a profound level of inertia; inertia in a frame of reference we didn't normally consider.

Economic inertia, intellectual stasis and dogma. Certainly the explorers in this field, over time, whether it's myself, or Bruce DePalma, or Tewari or going back to Moray, Tesla, Hubble. These people all discovered this inertia. It is an astonishing thing when you first encounter it. It is irrational. It says that no, indeed the Earth is the center and everything revolves around it. And the moons around Jupiter couldn't possibly be doing that what you say.

Galileo wasn't vindicated by the Catholic Church until 1984. If we took that many centuries to

from the NPC for putting together his extraordinary new machine. The SPG was built under Tewari's supervision at the Tarapur Atomic Plant.

"Tewari's prototype SPC can be considered a major breakthrough says S.L. Kati, managing director of NPC.. Before leaving for Hanover, Tewari addressed a meeting of scientists and engineers at the Bhabha Atomic Research Centre on his theory. But most physicists remained skeptical about his findings. Undaunted, he is experimenting with a new model of the SPG since his return, which he feels will be an improvement. He eventually hopes to create a prototype for a generator which could deliver 50 kw to 100 kw of electricity.

"The encouragement I received abroad has been a great help, and hopefully within a year, I will be able to build an experimental model which could ultimately prove commercially viable," he says.

Tewari, of course, is not the only engineer hoping to build the ultimate power generation machine — one which will run perpetually since it will extract energy from space — as the Hanover conference demonstrated. In fact, DePalma, the first inventor to create such a machine, is presently conducting experiments in California in anticipation of a breakthrough which could lead to commercial production. Their work promises to ultimately create a machine which appears to come straight out of a futuristic fantasy.

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"On your question on the mass energy equation ( $E=mc^2$ ), the same has been derived by the Space Vortex Theory from the vortex structure of the electron" — Paramahansa Tewari

Dr. Jack Sarfatti has consistently denied over last few years that there could possibly have been a collaboration between John Archibald Wheeler and Paramahansa Tewari who quotes Wheeler in his book about Space Power Generation. The effects predicted by Tewari's Space Vortex Theory. Also Sarfatti has called a "lie" my mention of Wheeler's witnessing DePalma's stationary drop experiment, circa 1970 at MIT in his own office, showing from a height of six feet that a spinning, 18k rpm 1" ball bearing falls faster than a non-spinning control ball bearing.

A small but reproducible and easily visually perceptible difference, empirical proof of the inadequacy or invalidity of (all?) special and general relativity theory interpretations currently ignoring this key DePalma experiment. This experiment, along with his many other later ones in the 70's leading up to the N-Machine prediction in March 1978 and verification of incremental "over-unity" performance in July 1978, demonstrates anomalous gravitational, inertial, and electromagnetic behaviors of physical objects at a "macro" scale. Behaviors still ignored by "mainstream science," which is apparently kept by prejudice or the potential ridicule of theoreticians like Drs. Sarfatti and Park who, "know it is impossible because it violates the physics theories they believe."

And so these simple experiments of DePalma, simple for anyone with lab budgets, have never apparently been properly duplicated by enough qualified physical experimentalists (people who believe what they see is true more than what they think is true) in order to get these results properly published in "mainstream" science journals so that the "community" of science knows that the results are real and "theories" may be adjusted accordingly.

This situation exactly fits Sharon Begley's definition of "pathological science" as per her article authenticating the cold fusion phenomena. A breakdown in the normally open channels of scientific communications. But this one predates the cold fusion pathological ignorance syndrome by approximately 20 years when in 1979, theoretician Wheeler dismissed the spinning vs. non-spinning ball experiment with the spurious comment of, "my eyes may not be sharp enough to tell the difference." Finally after regaining his color, having become ashen from witnessing this result that would invalidate all the theories in which he was invested, Dr. Wheeler's response was, "This is going to change everything, isn't it?" To which DePalma (according to his oft told story to me and others of personal acquaintance from 1979 onwards) replied, "I think so too Doctor. What do you think it means ?

Anybody who studies vortical physics, fluid dynamics, plasma dynamics knows that there is no greater stress than that by which we invoke a vortical momentum. And therefore it is not hard to imagine, if we simply consider the fact that we are dealing with a medium of this extraordinary density. It is not hard to imagine or even begin to feel that just by simply biasing this field in a rotating cylinder or perhaps in an oscillating circuit, by biasing this field correctly, we can precipitate vortical momentum.

Now we may only precipitate a quasi-electron. In the vacuum fluctuation of space, their production is occurring all the time. In a bias environment however, where an electrical potential exists, that quasi-electron, instead of annihilating with its anti-particle, might indeed be distracted along the potential and find its way into what we refer to very blithely as manifestation.

It doesn't necessarily take gig electron volts for this to occur. And that's why Tewari, DePalma, myself and others speak of the generation of power from space.

We need to very simply and seriously consider that it's already in the literature. It isn't just in the literature of the fringe; It's in the literature now even of Physical Review since 1975. Review of Modern Physics, since 1962. And in the European literature since the 1950's. It's a remarkable thing that because of the bias against so-called "perpetual motion," or so-called, "Free energy," that nobody seems to want to extrapolate what is implicitly obvious.

The atom itself can then be seen as a dynamic modification of field space. Only a dynamic modification of field space, with no quality of stasis whatsoever.

Harold Putov, in his May 15<sup>th</sup>, 1987 article in Physical Review, pointed out that in order for the Hydrogen atom in its ground state not to collapse, it had to be absorbing energy from the fluctuation background. In this moment. This is not something that happened at T equals zero - before the Big Bang.

This is something happening at this moment, real time present context, now with every atom and molecule that we see configured before us. It is happening right now.

It is wonderful to have Dr. Putov describe this energy in terms of the Bohr atom. It is implicit that the electron orbit dissipates energy. If we consider that to be a resonant shell with no locatable density bias, then it still pertains because the atom itself, even in its ground state, resonates in space.

We have a picture, that we got when we were young, that says a thing is solid, even though particle physicists are telling us that nothing is solid, and while that's all very fascinating on Nova television, we still have a picture that persists. Can an atom, existing in certain states of polarization and stress, perhaps become a conduit drawing upon the energy of space? A transducer in a certain light.

Obviously it must be or else it couldn't exist. The electron itself must be spontaneously appearing out of the background field. If it was not spontaneously persisting then we have to invoke the somewhat Neanderthal concept that everything had to start at a certain moment. And because we have embraced this new cosmology of the Big Bang in the last couple of decades, we have some real problems.

This is not the best forum to go into this in great detail, but I will say this - the Universe is clumpy. That's a term that is used frequently in astrophysics to describe the fact that mass is not uniformly or isotropically distributed. It is simply not. On a large-scale basis with models that have assimilated data from observatories from all over the world, especially over the last few years, we have seen that the Universe we observe is indeed clumpy. It is in fact concentrated in a way that cannot be the artifact of a Big Bang.

Now that's a bold statement. Alfvén (Swiss Nobel Laureate), famous for Alfvén waves, has come up with an extraordinarily beautiful description of the Plasma dynamics of space. And so far, interesting to note,

having replaced the Cartesian space with the Newtonian space of emptiness.

[The analysis in SVT explains all the above basic phenomena and pinpoints the shortcomings / limitations of the modern physics.]

Thus, those critical of "overunity" machines, not having an appropriate theory to defend their stand, insist that only a self-running system will prove the authenticity of the new energy technologies. But to bring an over-unity machine to the self-running stage requires finances that individual inventors cannot afford.

The solution lies in organizing a conference in which it is made mandatory for the orthodox adherents of modern physics [quantum physics, relativity, astrophysics] in high government offices, and the editorial staff of so-called famous science journals to attend the conference and discuss their objections face to face with those inventors of new energy technologies who have appropriate theories and practical experiments to explain their inventions.

My experiments convincingly reveal that the space power generator works on a principle of reduction of the generator's reaction on its prime mover that is in violation of the Lenz's law. Though there is no creation of additional energy, yet the reduced reaction of the SPG on the prime mover produces more electrical power with a lesser work done by the prime mover. With this result, LCE requires a fresh definition. With further development of this system, I can predict that with resources made available, SPG units in megawatt range and more than 300% "efficiency" can be made soon a reality.

Best wishes  
Paramahansa Tewari

From: P Tewari <[ptewari\\_1\(g\).sancharnet.in](mailto:ptewari_1(g).sancharnet.in)> To:  
<[gear2000@lightspeed.net](mailto:gear2000@lightspeed.net)> Subject: Thanks  
Date: Friday, September 26, 2003 8:37 PM

Dear Mr. Williams,  
Many thanks for doing an excellent comprehensive report on my research.  
I will send by tomorrow some additional points explaining the scientific reasons as to why the adherents of the contemporary physics are so much opposed to the theories and the experimental results of the new energy technologies.

A group of companies in Turkey has volunteered to build a 90 kW, space power generator. The machine is expected to produce 30 Volts, 3000 Amps, Direct Current, at about 300% "efficiency" in the immediate future.

The rest will follow tomorrow.

Best wishes,  
Paramahansa

See more on P. Tewari's work, experiments, Space Vortex Theory, and his articles on the reasoning for the need for spiritual and ethical values to be integrated into modern "amoral," ie, "objective," science, at <http://www.tewari.org> In addition to being an inventor, fundamental new physics theoretician, and a leading electrical engineer of India, Mr. Tewari is also a world class author of articles (some also at above url), regarding the Vedic knowledge of Hinduism, which maintains the unity of all religions as, "facets of the Gem of The One Truth."

We simply cannot afford to lose any more oxygen than we already have. At this moment, literally hundreds of millions of internal combustion engines are running. A six cylinder engine, of normal displacement, consumes eight hundred thousand (800,000) cubic centimeters of oxygen per hour. This transforms the breathable O<sub>2</sub> into combustion by-products, an entire spectrum of combustion products.

In the last twenty years, in Africa alone, we have destroyed 64% of the biomass ground cover. In the last twenty years! This is a United Nations Environmental Program figure, confirmed by satellite and manned space flight telemetry.

Also, in the last twenty years we have consumed 29% of the photosynthesizing ground cover in Central and South America. In the last twenty years! You cannot consume oxygen at the same time you consume the factories that metabolize CO<sub>2</sub> and return O<sub>2</sub> to us, and expect to have a sustainable environment. Because as oxygen tensions decrease even a few percent in the troposphere, ozone tensions decrease disproportionately. This is because there is a column of oxygen and other gases that rises from the biosphere to the troposphere and then to the stratosphere. It is on the basis of the mixture of these gases, that we have ozone in the atmosphere.

I would suggest that we can not afford to wait to demand that serious money is applied to this research, Federal money. We need this to happen desperately and we need this to happen immediately. And for those of us who feel that we can be blasé, and wait and wait and wait until somehow this becomes acceptable, (the implementation of this new kind of technology) let me just say that if we think we can wait; we're sorely deluded.

You wonder why there is a drought in Ethiopia. You hear in Time magazine that the so-called scientists can't figure out why there is a drought. Well, Ethiopia at the beginning of the century was covered by 43% forest. Ethiopia today is covered by less than 4% forest. How is the hydraulic cycle supposed to maintain itself?

This at first, this entire consideration at first, seemed to be in rather left field of the consideration of energy generation. But, as I began to explore it further and further and lectured around the world, I began to discover that most of the human race has been entirely uninformed. Some people have suggested this is rather conspiratorial. The slides you are going to see in just a minute have been available, some of them, for several years. We finally got a few of them on CNN December 25<sup>th</sup> (1987?)

I think when you see them you're going to realize why they are so significant. And as always I would like to thank Richard Underwood of NASA, now retired, for providing these images. They are in the public domain, but anyone who has tried to get photographic data from the NASA space flight program, especially during the Reagan Administration, will find that it is a very difficult thing to do. As a matter of fact, most of the infrared photography is now stored at AMES, and you can't get into the building. Even though this material is not classified, the building itself is off limits.

I would like to have the lights dimmed, and I would like to show these slides and then we can go on from there. We can discuss in more detail about this and other things.

This is the way clouds are supposed to look over the rain forest. These are healthy clouds. These clouds are appearing over the Northern Congo area and this photograph was taken in the mid-seventies from Skylab. Cumulonimbus, Stratocumulus, very beautiful cloud formations and an extraordinary density of water vapor as you can see.

Next slide. This is what the ground looks like after you get rid of the forest. This picture isn't from Africa, it's from Brazil, but literally millions of hectares worldwide look like this today. You can see that

the N machine being as powerful as it is, is more suitable to drive cities, airplanes, ships and locomotives than it is automobiles and homes.

There may be smaller versions of different principles which may be more applicable and makeable in large quantities for that application; but in the meantime I have a suggestion, and that is the Earth could adopt a Hydrogen economy. A Hydrogen economy based on gas developed out of the electrolysis of water generated out of N machines could produce Hydrogen at a third to a fifth of the cost at which Hydrogen is generally sold and distributed right now. This makes it a practical fuel for the automobile. Anyone could have a Hydrogen generator in their basement. They could have a tank of hydride through which the Hydrogen generated could bubble and charge this thing up, it could also service the stove and the air-conditioner, the heating and refrigeration uses of the home. Many people have thought about the Hydrogen economy and how we could slowly merge the fossil fuel economy into it, and then we could go into the all electric economy after that. But as an intermediate thought, an N machine which does not have to be powerful enough to be self-sustaining is very, very effective in electrolysis of water at low voltages and very high currents. And so such machines could be made cheaply, in fact they could be built by hand and electrolyzers attached to the output voltages and they could be driven by electric motors from the power grid or by gasoline engines or water power, wind power...

And these Hydrogen generators could charge Hydride in the fashion of the system developed by a man who was also harassed by the Government, Gerald Schafflander. Dr. Schafflander, as far as I understand, operated back in the seventies, built a Hydrogen car with the idea of producing the Hydrogen from electricity developed by solar cells in a desert environment with no clouds; and Hydrogen thus produced from the solar cells and the water, was then bubbled through a tank of Hydride which was then put in the trunk of the car and a small heating element liberated the Hydrogen which was then put into tubing to a carburetor adjusted for the burning of Hydrogen and the automobile or truck operated perfectly normal. Now this scheme is very applicable to our present society and of course produces no pollution at all, and the amount of Hydrogen which can be developed out of fossil fuels is much greater than you would get from the heat you would get from just burning the fossil fuels themselves. So the gain happens to consist in the electrolyzer N machine combination which seem to fit each other.

With that thought, your readers might consider constructing Hydrogen generator systems based on N machines and electrolytic cells and then digging out Schafflander's patent, or even to see if Schafflander is still in jail - put there by the SEC for the same kind of frivolous reasons they have been hassling Paul Brown and William Hyde. Maybe we could get Schafflander to come out. This system is very practical and will completely stop the burning of fossil fuel, petroleum and stop the production of smog and acid rain. So let's think about that. Thank you for your continuing support of my work.

Bruce E. DePalma

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Space Energy Association

P.O. Box 11422

Clearwater, FL 34616

<http://groups.yahoo.com/group/new-energy-solutions>

From: P Tewari <ptewari 1 @.sancharnet.in>

To: David Crockett Williams <gear2000(g).lightspeed.net>

Subject: India update

Date: Sunday, September 28, 2003 8:12 AM

Next slide please. This beautiful lake was called Chad. Lake Chad was the size of Lake Erie. Lake Chad supported 1.8 million human beings in peripheral agriculture and fisheries. The next slide is Lake Chad in 1982. It's the hole that was left when the hydrological cycle was destroyed in Africa. This is not a cyclical drought and it is not a drought that will be only visited on Africa. The water vapor distribution on this planet is being changed dramatically by the destruction of biomass.

The water vapor budget on this planet is being changed dramatically because we have failed to feel beyond our own little subjective event horizons. We tend to exist like psychic black holes. We take a lot and give too little.

A few years ago I pointed out at the fourth International conference on Atmospheric, that the drought of 1986 and 1988 would occur. Now they have occurred. They are not going to cease because we don't want them to occur. They are not going to cease until we realize that we need to mobilize every democracy on this planet, and hopefully this will someday soon include the Soviet Union, to implement this new class of technologies. We can address these issues by planting forests and by using energy generated by these new Technologies. Whether you call it an "N" machine or something else, I'm sure these technologies will continue to evolve.

By utilizing this energy which we can get directly from the "vacuum" of Space, we can desalinate - re-irrigate. The Israelis if nothing else have shown us that you can resurrect a desert. We are going to need to resurrect a planet. We cannot posture ourselves and say that National Security comes before the security of the Human race. It is the security of the human race in total that is now threatened.

This is the last slide. I'm only going to show eleven slides today. I think they speak for themselves. This veil of dust that stretches out towards the horizon across the Atlantic Ocean, reaching from the Caribbean Sea, in the lower portion, all the way to the African coast. This is not a phenomenon that occurred in one year. This is a phenomenon that occurs every year. Between eight and nine million square kilometers this year. (8-9,000,000 sq. miles) This dust acts as condensation nuclei for water vapor causing precipitation in the south, over water, in Honduras, in Nicaragua, while the Midwest and Southeast are parched.

We are changing the way things work and we haven't even begun to inspect the ramifications. It isn't just the "Greenhouse Effect," it's a much more complex issue.

Only by stepping over the threshold into a more synergistic view, which is not just a kind of convenient term bandied about for the sake of the "New Age," but only by entering into a more synergistic view which acknowledges the inherent coherence of phenomena, can we begin to comprehend the fact that when you do something here it affects something over there. In quantum geometrodynamics, actually in a number of other studies, what we call action at a distance, in a coherent field, distance is no presumed.

I hope that this all has said something. Fuller's suggestion was that Project Earth should either determine whether there was a reason why we had to implement these technologies, or whether it was no big deal.

"Can we last longer? -I need to get my next grant from DuPont." To produce more chlorofluorocarbons? "Yes, it does seem that it might have that effect, but if I say that in the literature than I am defying my contract."

Scientific integrity, which used to be something that characterized science, is something that is sadly lacking in too much of the scientific community. Too many have become grant whores and parasitic on society, posturing themselves as authorities, condemned to the inertia of the past and past conceptualizations of reality.

I received two letters from you which came from William Hyde and Paul Brown, William Hyde being associated with his electrostatic machine; Paul Brown has done a lot of work in flux transformers and nuclear batteries, but I am not totally acquainted with his present work. At any rate they both have finally wakened to the fact that Free Energy technology is oppressed in the United States. And since I am here in Australia, and can see things more clearly than when I was in the U.S, I thought I had a few things I might add to their observations.

Yes, I have been threatened for my life. The first threat came from Edgar Mitchell, the astronaut who told me that the Government had said there "never was any doubt that the N machine was the Free Energy machine they were looking for, and if I tried anything on my own in California I would have my head blown off. And the CIA warned me via Mitchell that I should not leave the country because I would be kidnaped. This was back in 1980, when these efforts frightened me out of going to Hanover, Germany for Dr. Nieper's first Gravity Field Energy Conference, which is where P. Tewari brought his N machine from India and got the prize for the most clearly observable Free Energy phenomena to date.

In later years I have had my inventions confiscated by various groups, the first being the Sunburst Community, which helped me build the N machine you wrote about in your last issue, when their leader got dollar signs in his eyes and decided to see what he could do with it without DePalma. Later on other groups tried to manipulate me and control me in the sense that they would get everything out of me technically without any assurances that I would be paid for any more than one year's work. In fact, Mitchell's contract with me was a deal he was trying to set up where he was going to have to raise 150 - 300 million dollars and start a company which would be the size of General Motors in three to five years, and from then on, who knows? Out of this I would get a one year employment contract and \$30,000 and the possibility of maybe owning one or two percent of the operation; something I turned down because of my lawyers advice. And Mitchell, of course, blew up.

So then after that I had a deal with a company in Southern California called Micro CoGen, to buy N machines for a cogeneration system, which was a pretty highly advanced system of its type. Anyway, Southern California Edison put them out of business because it got a list of their customers through some Law, and renegotiated the power rates lower so that the customers did not need to buy the machines anymore. More recently I have appeared on KPFK in Los Angeles, an independent, non-commercial, subscription supported station, very powerful 120 thousand watts or so FM. The most powerful FM station west of the Mississippi. And as soon as my name is mentioned one night on one of my shows, which was not even known that it was going to be on, the power went off for three hours. Now this may all be coincidental, and I may be paranoid. In the case of the power going off at the transmitter there was supposed to be some transformer maintenance, but it was scheduled for the following days. This was a Tuesday show, and it was suppose to happen Thursday. And without notice, as soon as Bruce DePalma was announced as the most controversial guest the talk show host Roy Tusalem has had on, then the juice went off and didn't reappear for three hours. We also did a show that night, but nevertheless things like this happen. And of course any kind of deal that I have tried to put together over the years, no matter how carefully researched and no matter how carefully documented and how well thought out and put together by lawyers and technical people, everything has fizzled out at the high end somewhere. So you go through this year in and year out and you wonder what's going on.

And you get no response from the responsible agencies in the government who you think should do something about this. For instances, NASA was finally instructed by a couple of congressmen, after I was on a U.S. wide daily talk show - The Chuck Harder 'For The People' show out of Florida - they requested NASA to do an investigation and they fiddled and piddled and made dates and changed dates, and then it all just went away. Air Force people came to see me and they said they cannot do this except on their free time, and it can't be known that they are associated with this. You have to see that after a while the message comes through to you that you are operating in a very strange kind of environment where most of the people around you believe that the laws of right and wrong and reason, the belief in the Constitution and lawyers and all of this is a kind of philosophy we hold on to, but the real activity

it and I understand that it only got to Bruce through somebody else. But that's not unusual, my own attorney directed my attention to an article I never knew existed. It's funny about that. It's funny when representatives from our own Government look me straight in the eye and say, "Yes we know this is real, but we wonder why you would disclose it to foreign nations?"

I said, "I didn't disclose it to foreign nations. It was in an international publication in 1982 and I didn't even know it."

I would suggest to you that it's time for us to not simply entertain a curiosity. I would suggest to you that it's time for us to enter a human process of inter-relationship, to try to attempt to reintegrate ourselves with one another and not in a floaty kind of "new age" sense necessarily at all. Just call ten people and ask them to each call ten people and tell them that we have an emergency on our hands. Demand that the people we are hiring represent us, supposedly, not the major corporations. We are hiring these people to represent US! Which one of you has the power to lobby in Washington?

We need to send a very clear message to Washington that states, "Gee, don't you think its silly to be talking about Star Wars? We're only talking about Global Genocide." This without doing anything except for what we are doing right now. We don't have to drop a bomb or fight a war. Just continue exactly as we are now. All we have to do is remain in this collective state of inertia. And I don't personally believe we are going to do that. I don't believe that human beings are not going to rise to this occasion. I don't believe it for a second.

But, I do believe we need first to understand what we are confronted with. And then we need to understand that we can do something about it. We need to act, and we need to act like somebody who is being chased by a hot poker, or someone who cares.

Whichever your response is, Act!

Ten people calling ten people calling ten people, covers the country in a week. It's called "Exponential Networking." I didn't come up with the idea, Fuller did. Call ten people. Ask them to call ten people and find out what happens. It's the equivalence of an electron avalanche in human society. It works.

So, I wanted to try to give a wrap-up and I wanted to cite the fact that we wouldn't be here if it weren't for somebody's vision. Yes, their vision was applied. Yes, their vision, his vision, Nikola Tesla's vision was brought into life. Otherwise he would have been a mere mystic, wouldn't he?

Yes, we do have to sit down with our Macintoshes, or sit with our Hewlet Packard 41C calculators. We had a lot of money (for this field). A total between the two phases of the experiment of about \$200,000. And now I'm finally happy to say it looks like it's going to be produced, or at least this one is going to be produced. It looks like DePalma is also moving into that modality.

We are certainly hoping that more people will come out of the woodworks and say, "Hey, well I've had this thing for the last thirty years but I was told that if I brought it out into the Public when I was working at Los Alamos twenty years ago, they would basically permit character assassination to ensue."

It's hard to believe in some ways, and I don't want to paint a black picture, but I think we have to see the end of times when the New York Times calls a National Center of Atmospheric Research scientist to ask, "How come everyone in the world says that the Reagen report on Acid Rain is a lie?" And the man answers, "You don't understand the kind of pressure we're under here. People's careers are in jeopardy." This when all our lives are at stake.

Over the next four years he would produce several next generation N-machine demonstration models, culminating in a Quadrapole version which was documented using electrical input verses calorimetrically measured heat output - confirming efficiency greater than 100%. !

Bruce E. DePalma applied for and received citizenship in New Zealand in 1994. He graduated in 1997 and is buried on the edge of a beautiful beach in Karekare near Auckland.

The following articles provide background which could be of interest.

DePalma's last letter to the United States.

Comments: Authenticated sender is <[antigrav@mail.ak.iconz.co.nz](mailto:antigrav@mail.ak.iconz.co.nz)>

From: "DePalma Institute" <[depalma@depalma.org.nz](mailto:depalma@depalma.org.nz)>

To: <[josephnewman@earthlink.net](mailto:josephnewman@earthlink.net)>

Date: Mon, 28 Jul 1997 21:00:21 +1200

Subject: Energy

Priority: normal

Dear Evan:

Thank you for your interest in my work. I seem to recall we had spoken in the past when I was in America.

There are two aspects to the treatment of inventors.

1) Inventors who come up with inventions are highly protective of their work being that they have spent substantial time and money achieving their goal. They know the mendacious amorality of the world of money and business. In order to succeed in this world takes a combination of luck, skill, finance, and a good idea. Only some succeed. Energy, applied through science, motivates the civilized world. It is more basic than money, which is only a paper promise. The inventor is the wild card in the world of finance. A new source of energy could bring down the empire.

Yes, I along with Joe Newman and Robert Adams truly know the magnitude of the beast. I make all my ideas public as I see myself more as a basic physical scientist and teacher than an inventor. My solution was to leave the United States to find a place where I was not altogether encouraged but not discouraged. I am much happier here in New Zealand.

the quantum ether, may yet be called on for a second offering. I think it's a good time to invest in this second offering of free energy. We did not invest the last time and now we are paying for it. I don't want to see anybody suffer. What will it be like in ten years, when already the American Cancer Society says that even with sunscreen protection ratings of 15 SPF, direct sun exposure should be limited to an hour?

I hope the Tesla Society will prosper, and move into a new age of manufacturing, implementation and further Development. I want what has happened so far to be totally obsolete in ten years. One kilowatt in your pocket, why not?

There is absolutely no reason why not. You've got ten to the ninety-fourth power, grams per cubic centimeter energy equivalent field. It's not in a great big area, but it's a Lot of energy. If we can just scrape the surface, ever so slightly, we would never have to worry about it again.

That's what Nikola Tesla was scheduled to tell Franklin Delano Roosevelt back in 1943. In 1943 he had proposed to FDR that perhaps we should look carefully at the fact that we can get all the energy we need from any space we happen to be in.

He didn't show up for his meeting with the president. He was found dead in his apartment, "Natural causes."

There is some suspicion that maybe his visionary paranoia of poisoning was not exactly paranoia, ... but premonition.

I have never mentioned this before, but when I spoke at the 1981 Conference at the University of Toronto, a detective, an older gentleman from New York, with a heavy New York accent, approached me afterwards and said that he was a detective at the time when Tesla had been found dead, and said he was involved with the investigation.

He said for National Security reasons, that nobody was to know that the Coroners report had indicated he had been poisoned.

I have never personally read the Coroner's report, but the man was about the right age. He showed me a badge and I had no reason to doubt this man who had come all the way up to Toronto from New York, just to tell somebody after all those years.

The Coroner's report did say he had been poisoned. Now it turns out that the only medium to my knowledge that actually cites that Tesla had been poisoned is the Yugoslavian film on Nikola Tesla called, "*The Secret of Nikola Tesla*." So everybody can rewatch the introduction, because they say it right at the beginning. And they also say perhaps that he was killed by the Nazi's.

I did not really want to mention all this, but science cannot exist in an environment where science is not allowed to grow.

Any other questions? Well you have all been a tremendously patient group, Thank you for your attention

*Thank you Adam.*

Suppose you light a candle. The heat in the flame derives from the release of latent heat stored in the wax, according to the textbooks. Nonsense says DePalma. The law of energy conservation is pure assumption, he insists. In his theory, the heat of a lit candle comes from space, and this substrate is slowly consumed by the energy of space flowing through it.

When you drive a car, the heat latent in the gasoline is extracted through burning, which propels the pistons. Right? Wrong says DePalma. His understanding of the process is that the gasoline-air mixture, catalyzed by an electric spark, acts as a "molecular antenna" to release energy from space. Heat energy thus releases or cooks or burns the substance with its evoking it in the first place, producing exhaust as a result.

Likewise, when a magnet is rotated, DePalma theorizes, the electrical current comes from the space through which the magnet is drawing its energy, not from the magnet's mechanical rotation.

The turning point in DePalma's scientific career came while he was a lecturer at M.I.T., in the late 1960's when he began pondering the inadequacies of physical explanations regarding the gyroscope. Were there deeper principles operating in the behavior of rotating objects?

One of the first experiments he did was designed to detect if there was any difference in gravitational effect on a rotating object versus non-rotating object. The idea was actually initiated by a student of DePalma's and after an extensive search in the literature, no evidence could be found that the experiment had been performed before. It became an educational exercise to see if this variation on Galileo's big rock versus little rock falling experiment would show any variation in the rate of fall.

At this time DePalma was a senior scientist specializing in photographic sciences with the Polaroid Land Corporation and lecturing part time at M.I.T. His expertise ranged from highspeed stroboscopic photography, his mentor was the highly regarded Dr. Harold Edgerton, to Physics and Electrical Engineering. With this background he designed an experiment using two 1 inch diameter ball bearings, one not rotating and one rotating 18,000 rpm produced by a hand router. The assembly then was given a precisely measured thrust and photographed in the dark with a 60 cycle strobe light. Repeating this numerous times, and analyzing the parallel trajectories of the ball bearings as documented photographically, did indeed reveal a variation in the gravitational behavior of the rotating ball bearing versus the non-rotating ball bearing. The rotating ball given the same thrust, went to a higher point in its trajectory, fell faster, and hit the bottom of its trajectory before the non-rotating ball bearing. A second test repeatedly demonstrated a small but significant and clearly perceptible effect with a stationary mechanism designed to drop the ball bearings from a height of only six feet.

After years of reflection on these results he wrote an evaluation on May 3, 1977 called, "Understanding the Dropping of the Spinning Ball Experiment."

[http://depalma.pair.com/SpinningBall\(Understanding\).html](http://depalma.pair.com/SpinningBall(Understanding).html)

The conclusions are organized :

1. Rotating objects falling in a gravitational field are accelerated at a rate greater than  $G$ , the commonly accepted rate for non-rotating objects falling in a vacuum.
2. Péndula utilizing bob weights which are rotating, swing non-sinusoidally with time periods increased over péndula with non-rotating bobs.
3. A precessing gyroscope has a measurable anomalous inertial mass, greater than its stationary mass.
4. An anomalous field phenomenon has been discovered, the OD field, which confers inertia on objects immersed within it. This field is generated by the constrained forced precession of a rotating gyroscope.

DePalma described his N machine and outlined a theory to explain its workings in a paper, "On the Possibility of Extraction of Electrical Energy Directly From Space," published in the British science journal, *Speculations in Science and Technology* (Sept 1990, Vol 13 No 4). So far, the scientific establishment either has ignored DePalma's controversial claims or remains unaware of them.

DePalma is quick to point out that the N machine is not a perpetual motion machine, that mythical contraption long sought by many frustrated inventors. "The perpetual motion machine is only supposed to run itself. It could never put out five times more power than is put into it. Perpetual motion schemes used conventional energy sources, whereas the N machine is a new way of extracting energy from space."

Meanwhile, other countries, notably India and Japan, are vigorously pursuing what might prove to be a technological breakthrough, (is this yet one more example of the Invented in USA/Made in Japan syndrome, the outcome of American shortsightedness and vested interests?) In India, eminent engineer Paramahansa Tewari is currently testing his invention, called the Space Power Generator (SPG), which essentially replicates DePalma's N machine. With 5 kilowatts total power input, the SPG is reportedly yielding 30 kilowatts of electrical power output, (correspondence to B. DePalma 8/13/90).

Tewari, a senior engineer with India's Department of Atomic Energy-Nuclear Power Corporation, also directs the Kaiga Project, India's largest atomic power facility, in Karnataka. He freely acknowledges his debt to DePalma, who has shared his experimental results with Tewari for many years. According to Tewari, "The electrical power generated by the Space Power Generator is indeed commercially viable and should be brought to the notice of the general public." He has urged India's Atomic Energy Commission to create an independent research group to advance free energy technology. Tewari also credits John Wheeler, the prominent American physicist and discoverer of the black hole, for his steady encouragement. Wheeler, who had been searching for a mathematical theory that would predict free energy, applauded Tewari for his efforts to develop such a theory, and the two scientists corresponded for a number of years.

The Japan Science Foundation, under Japanese government auspices, awarded grants to two universities and one company to produce models of the N machine and to investigate how it works. Kazama Giken Corporation is commercially supplying small N machines for research and educational purposes. Another Japanese company, Panasonic/National, is also pursuing this technology. Shiuji Inomata, Ph D president of the Japan Psychotronics Institute and senior scientist at the Electrotechnical Laboratory in Ibaraki, has been instrumental in sparking the interest of Japan's scientific community in the N machine.

*"One day man will connect his apparatus to the very wheelwork of the universe... and the very forces that motivate the planets in their orbits and cause them to rotate will rotate his own machinery,"* predicted Nikola Tesla, the Croatian born American electrical genius whose discoveries and inventions rival those of Edison. Proponents of the N machine believe that it taps directly into a primordial energy source, meshing with the wheelwork of the cosmos.

"Electrical engineering took a wrong turn 160 years ago," according to Tewari, referring to English scientist Michael Faraday's pioneering work of the world's first dynamo. In 1831, Faraday performed a series of experiments which led to the modern electric induction generator, having two moving parts—a rotor and a stator. Faraday moved a wire near the pole of a magnet, producing an electrical potential across the ends of the wire. This induction principle is used in all the electrical generators we use today. And that's precisely what Tewari means by a "wrong turn." In that same year, 1831, Faraday also performed a simple yet ingenious experiment with a rotating magnetized conductor. The resulting phenomenon (free energy?) has yet to be explained in terms of conventional scientific theory.

By cementing a copper disc on top of a cylinder magnet, and rotating the magnet and disc together, Faraday created an electrical potential. After pondering this phenomenon for many years, he concluded that when a magnet is rotated, its magnetic field remains stationary.

## Bruce De Palma and the N Machine

(and Edgar Mitchell!)

