

Anomalous Weight Reduction on a Gyroscope's Right Rotations around the Vertical Axis on the Earth

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The weight change of each of three spinning mechanical gyroscopes whose rotor's masses are 140, 175, and 176 g has been measured during inertial rotations, without systematic errors. The experiments show that the weight changes for rotations around the vertical axis are completely asymmetrical: The right rotations (spin vector pointing downward) cause weight decreases of the order of milligrams (weight), proportional to the frequency of rotation at 3000–13000 rpm. However, the left rotations do not cause any change in weight.

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To confirm the reflection symmetry relating to the rotational motion of objects in the gravitational field of the Earth, the weight of each of three spinning mechanical gyroscopes has been measured during left (spin vector pointing upward) and right (spin vector pointing downward) inertial rotations around the vertical axis by means of a chemical balance. The experimental apparatus and method are as follows.

Each gyroscope is composed of the stator, rotor, and rigid frame. Rotors of 139.863, 174.882, and 175.504 g are used, and their diameters are 5.2, 5.8, and 5.8 cm, respectively. The materials of the rotors are brass, aluminum, and silicon-steel. The dynamic balance, which is the criterion of the maximum deviation of the center of a rotor's mass associated with rotations, and the fluctuation of the rotational frequency of each gyroscope are 0.3 mm/s and $\pm 0.2\%$, respectively, for both rotations. This means that the dynamic characteristic, i.e., the synthetic criterion of the stabilities of spinning and precession of each gyroscope, is the same for the two rotations. An oscillator capable of switching polarities and a voltage amplifier are used to change the frequency of rotation of the rotor and to supply the driving power to the gyroscope. The directions of the left and right rotations are determined by the polarity. A phototachometer is used to measure the frequency of rotation of the rotor. The chemical balance is made of nonmagnetic materials, and the measurable range is 0 to 500 g with an accuracy ± 0.3 mg. To exclude fluid effects of air on the rotating gyroscope, a vacuum container made of glass is used. An overview of the experimental apparatus is shown in Fig. 1.

The first experiment was carried out in the environmental magnetic field of 0.35 G that is nearly totally due to the geomagnetism. The degree of vacuum in the container containing the gyroscope is kept between 1.3×10^{-2} and 1.3×10^{-1} Pa. The electric power is supplied to the gyroscope through superfine wires. The rotational frequency of the rotor is brought to the desired value by increasing the supply voltage and the frequency of the oscillator under the same driving condition for all the

measurements. After the desired value of the rotational frequency is attained, the electrical circuit is opened. Then the weight of the rotating gyroscope is measured under inertial rotation. The weight measurements are repeatedly carried out, 10 times, for a given frequency of rotation.

As shown in Fig. 2, the right rotations of each gyroscope always cause weight decreases of the order of milligrams, proportional to the frequency of rotation. The weight reduction occurs for both normal and reverse attitudes. Here, reverse attitude of a gyroscope means merely its upside-down attitude without change of the states of the other equipment and the environment considered. Right rotation means the spin vector pointing downward for both the normal and the upside-down attitudes. On the other hand, the left rotations of each gyroscope yield zero weight change for all frequencies of rotation and both attitudes, within the accuracy of the chemical balance. The weight changes for both rotations

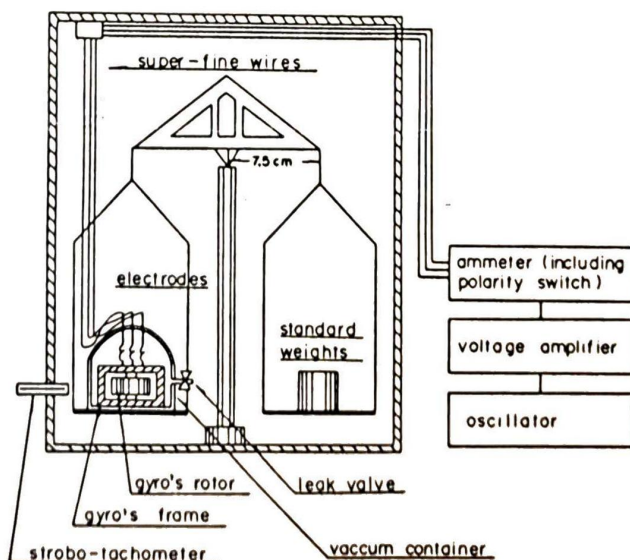


FIG. 1. Overview of the experimental apparatus including the chemical balance.

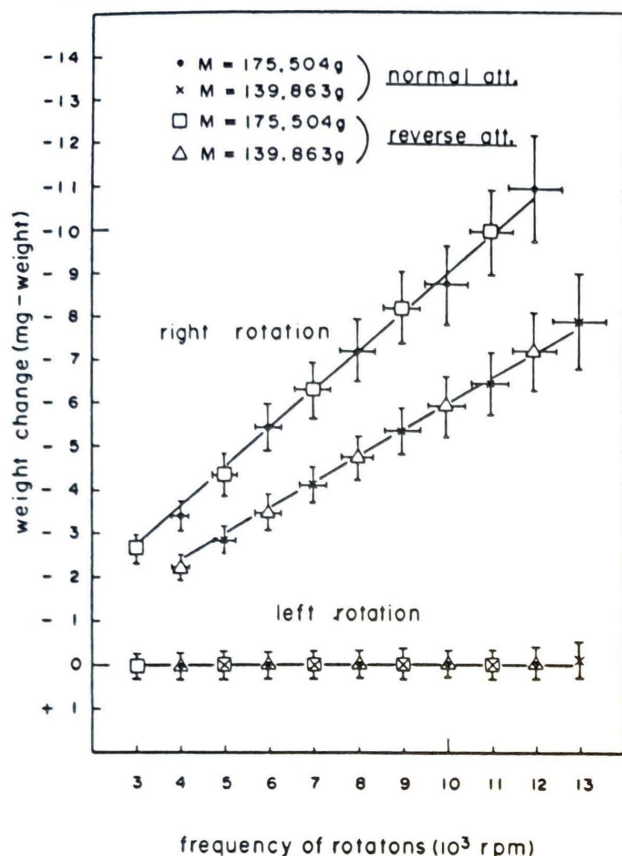


FIG. 2. Weight changes of gyroscopes for both left and right rotations around the vertical axis in the natural-environment magnetic field.

are independent of the placement of the balance's lever arm along the N-S or the E-W direction. Furthermore, the weight changes for both rotations are independent of the various ways of performing the experiment: The weight measurements are carried out after opening the electrical circuit while the rotation is speeding up, kept at constant speed, or slowing down, under the conditions of putting a polyurethane foam pad under the gyro to partially absorb the mechanical vibrations and of exchanging the positions of the gyro and the reference weights on the balance's pans. The experimental results do not change under these variations.

In Fig. 2, the data on the $M = 174.882$ -g rotor are omitted because the weight changes are nearly the same as those for $M = 175.504$ g. The vertical error bars denote the fluctuation of weight changes, and the horizontal error bars denote the decreasing range of the frequency of rotation in one period of the movement of the direction needle of the chemical balance.

The experimental results show that the weight changes for rotations around the vertical axis are completely asymmetrical. Meanwhile, based on the conventional theory, the weight changes of a gyroscope under rotation

should be symmetrical. Therefore, we have studied whether such an extraordinary phenomenon is due to systematic errors in our experimental equipment and method. Most dynamical problems can be solved in the framework of Newtonian mechanics, which is symmetrical under a mirror reflection, as concretely discussed later.

There might be a question of weak magnetic coupling between the environment magnetic field of 0.35 G and the weak residual magnetism of the gyroscope after the opening of the electrical circuit. However, the anomalous weight reductions for the right rotations are not due to magnetic coupling. First of all, this is supported by the experiments with an upside-down attitude for each gyroscope as follows: Let us suppose that magnetic couplings during the gyroscope's right rotations cause the weight reductions in the normal attitude. This assumption means that the coupling serves the upward force during the right rotation. Next, let only the attitude of the gyroscope reverse without changing the states of the other equipment and the environment magnetic field. If the above assumption is correct, the weight of the gyroscope will increase for the left rotation in the reverse attitude, because the force by magnetic coupling will operate down the gyroscope. However, the experimental results for the reverse attitude shown in Fig. 2 refute the correctness of the assumption.

Since the problem of magnetic coupling is important, this problem has been checked further by means of the following two methods. (i) It has been checked whether there is a difference between the residual magnetism of the left rotation and that of the right one in each gyroscope. The residual magnetisms for both rotations are measured in a magnetically shielded cylinder where the strength of the magnetic field is $\frac{1}{100}$ times the strength of the environment magnetic field. The residual magnetisms for the left and right rotations are identical at the same frequency of rotation, after cutting the same power supplies. For instance, the residual magnetism associated with both the left and right rotations of the 175.504-g rotor is 0.06 G at 15000 rpm. Of course, these results are independent of attitude. (ii) The weight changes for both rotations in each attitude of the 175.504-g rotor have been measured in a magnetically shielded room ($200 \times 200 \times 210$ cm³) where the field strength is 3×10^{-4} to 3×10^{-3} G; that is, $\frac{1}{1000}$ to $\frac{1}{100}$ times the environment magnetic field mentioned previously. The weight changes for both rotations of the gyroscope in each attitude in this shielded room are entirely identical with those obtained in the environment magnetic field. The experimental results of these two methods definitely show that the anomalous weight reduction is independent of magnetic coupling.

Summarizing all the data obtained in the experiments, the weight decrease for right rotations around the vertical axis, $\Delta W_R(\omega)$, is approximately formulated, in units

of dynes, as follows:

$$\Delta W_R(\omega) = -2 \times 10^{-5} M r_{eq} \omega \text{ g cm s}^{-2},$$

where M is the mass of rotor (in g), ω is the angular frequency of rotation (in rad/s), and r_{eq} is the equivalent radius (in cm), defined as follows. A rotor is composed of various materials and domains, and hence r_{eq} is given by

$$M r_{eq} = \int \int \rho(r, z) 2\pi r^2 dr dz,$$

where $\rho(r, z)$ is the density of any material constituting the rotor, and r and z denote cylindrical coordinates. The values of r_{eq} for the three rotors of 139.863, 174.882, and 175.504 g are 1.85, 2.26, and 2.26 cm. On the other hand, the weight changes for left rotations in each attitude are zero within the accuracy of the chemical balance.

Here, it should be especially noted that the weight changes during inertial rotations of three rotors repeatedly measured using an electronic balance are nearly the same as those obtained with the chemical balance. The mechanism of the balance, the experimental method, and the results are as follows: The deviation of the vertical component in the bending of a horizontal metal trough system caused by a weight is compensated by electromagnetic force. The balance has no standard weight inside, and the measurable range is 0 to 300 g with an accuracy of ± 1 mg. The system of the balance and gyro closed in a vessel is rigorously held at a vacuum state using a rotary pump and a coarse control valve, and also a sorption pump and a fine-control valve. The latter pump and valve are set near the vessel. The weight measurements are carried out during the inertial rotations after opening the electric circuit of the gyroscope. The strength of the magnetic field is of the order of 1.7 G at the balance's pan. As examples, the mean values of weight reductions for right rotations of two rotors of 139.863 and 175.504 g at 1.33 Pa are 1.8, 2.4, 3.0, 3.6, 4.1, 4.6, 5.3, 5.8, 6.5, 7.1, and 7.7 mg for the former rotor, and 2.6, 3.6, 4.4, 5.3, 6.3, 7.2, 8.1, 9.1, 10.0, 10.9, and 11.9 mg for the latter, at 3×10^3 , 4×10^3 , ..., 13×10^3 rpm. Meanwhile, the left rotations do not cause weight changes. The results are independent of attitude.

As shown in Fig. 2, the weight change of each rotating gyroscope is completely asymmetrical for inertial rotations around the vertical axis. In a common-sense view, anyone might consider that such a phenomenon is induced by systematic errors. However, the phenomenon is free from systematic errors; our reasoning is given below. The causes of systematic errors are as follows: (1) The different dynamic characteristics of the gyroscope for the two rotations. (2) The different electromagnetic couplings of the gyroscope for the two rotations. (3) The different fluid effects of air on the gyroscope for the two rotations. (4) The difference between the respective torques induced by the friction between

the ball bearings and the shaft of the gyroscope for the two rotations. (5) The different environmental conditions for the repetitive experiments. (6) The difference in the forces of inertia for the two inertial rotations. (7) The difference between the two spin-spin couplings of the angular momenta of the Earth and the gyroscope for the two rotations.

For (1): The dynamic characteristic includes the effect of mechanical vibrations and, as mentioned previously, the dynamic characteristic of each mechanical gyroscope is the same for the two rotations. As one example, the overall effective values of the accelerations of mechanical vibrations (bandwidth, 0–2 kHz) for the two rotations of the 140-g rotor are 0.0995G and 0.0965G at 13000 rpm in the normal attitude, where G is 980 cm/s^2 . The values in the reverse attitude are nearly the same. From the above, we conclude that there are no differences between the dynamic characteristics of each gyroscope for the two rotations or the two attitudes. For (2): The problem of magnetic couplings has been perfectly solved by the three kinds of experiments already mentioned. Further, as each weight measurement was carried out after opening the electric circuit, there is no electrical-current effect. Therefore, the gigantic weight reduction for the right rotation is independent of magnetic coupling and electrical-current effect. For (3): The weight reduction for the right rotation is not due to lift from the fluid effect of air within the vacuum container. The reasons are as follows: Under the standard atmosphere (1×10^5 Pa), both rotations of the 175-g rotor cause the same lift of about 260 mg at 12000 rpm. The lift power is proportional to the density of gas. As described previously, the gas pressure in the container is between 1.3×10^{-2} and 1.3×10^1 Pa. Further, the gyroscope and air are in a closed system. From the above, we find that the weight decrease for the right rotation is independent of the lift of air. For (4): Since the friction in a gyroscope is originally within the gyroscope system, this friction does not influence anything outside the system. Hence, the weight reduction is not due to the torque induced by the friction. For (5): A pair of weight measurements for both rotations at the same frequency of rotation are always completed within about 30 min under a constant temperature. It has been confirmed that there are no convection effects of the air surrounding the glass container for either rotation, although there are uniform temperature increases of less than 1°C over the whole surface of the container due to the friction at the supports of the rotor's axis for both rotations. Further, there is reproducibility of the data obtained on different days. Hence, the changes of the environmental conditions of the Earth's tide, the fluctuations of the Earth's spinning, temperature, and magnetic fields can be neglected. For (6): The weight measurements have always been made for decreasing rotational frequency. In the view of Newtonian mechanics, generally

there is an inertial force $M(\dot{\omega} \times r)$, where M is the mass of a rotor, $\dot{\omega}$ is the vector of the rate of change of the angular frequency ω , and r is the vector in the radial direction. However, since the gyro-rotor rotates on the horizontal plane in this experiment, the force does not occur in the vertical direction. Therefore, the anomalous weight reduction is not due to the inertial force. For (7): First, the weight reduction is not due to the Lense-Thirring precession,¹ or the geodetic or mass-current precessions.² Second, in the framework of Einstein-Cartan theory, there might exist the possibility of a gravitational repulsive force caused by the parallel spin-spin interaction of the angular momenta of the Earth and the gyroscope, as discussed by Kopczyński³ and Trautman⁴ for spinning dusts. If these theories are applied to our experiment, such an interaction causes only an extremely small effect. Hence, the gigantic weight reduction for

the right rotation cannot be explained from the above theories, and then the weight reduction is independent of the Earth's spinning.

As discussed above, the experimental result cannot be explained by the usual theories.

The authors acknowledge discussions with Professor T. Nakamura of Tohoku University. They wish to thank Dr. H. Tanaka for his help in the experiment, and also Dr. Y. Higashino of Yokogawa Electric Cooperation for his support in the use of the magnetically shielded room.

¹J. Lense and J. Thirring, *Phys. Z.* **19**, 156 (1918).

²L. I. Schiff, *Phys. Rev. Lett.* **4**, 215 (1960).

³W. Kopczyński, *Phys. Lett.* **43A**, 63 (1973).

⁴A. Trautman, *Nature (London), Phys. Sci.* **242**, 7 (1973).

THE DAVID HAMEL STORY



THE BOOK OF DAVID HAMEL'S LIFE, UFO ENCOUNTER AND FREE ENERGY DEVICE

I would like to recommend the reading of this book to anyone starting serious research into the anti-gravitational technology introduced by David Hamel. It reveals to the reader why this information was made available to Mr. Hamel and the spirit with which he has pursued his dream.

The granite man and the butterfly... chronicles the life of a simple man who was chosen for a heroic task. David was given advanced information enabling him to build a spacecraft that would provide an abundant source of non-polluting energy. This book chronicles the frustration and enormous obstacles that he faced, from non-believers to government officials. This story details his progress from the past to the present, on this amazing mission and the effort being made to realize his goal.

David Hamel is building a device which will enable us to heat our homes, power industry and fly our aircraft.

Glen Kask, The Gazette Maple Ridge B.C.

March 31, 1976

He said anyone can have the secret, build the machine and produce his own energy - something the oil cartels and multinational corporations wouldn't exactly appreciate.

**Ron Thody, The Express Newspaper
of Maple Ridge B.C. writing about
David Hamel, October 11, 1977**

David Hamel has proven with his three prototypes, the theory of electro- gravitational energy. Further to that, the relationship between electricity and magnetism is definitely the answer to the energy crisis that exists today.

**Pierre Sinclair Scientific Researcher in an
interview with CBC Television, 1991
Radio 1994**



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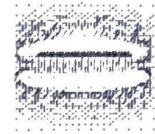


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[THE GRANITE MAN AND THE BUTTERFLY \(AUTHORIZED BIOGRAPHY\)](#)

Based on David Hamel's life this book chronicles both the emotional and technical struggles David encountered in developing his prototypes of the GMD. A candid account of the life of a simple man with an extraordinary mission. * Also included is an appendix on Canadian engineer Wilbert Smith. Mr. Smith was one of the first engineers to work with the government in researching unusual properties within magnetic fields.

[PICTURES FROM THE GRANITE MAN AND BUTTERFLY](#)

A few of the most interesting pictures extracted from the book. These pictures deal with David Hamel's original anti-gravity devices, and the conditions under which they were developed.

[ABOUT THE AUTHOR AND CO-AUTHOR](#)

Jeanne Manning and Pierre Sinclaire have collaborated in presenting, for the first time, the life experiences and triumphs of David Hamel.

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The most informative video available on the **Gravito Magnetic Device (GMD)**. For the first time Pierre Sinclaire talks in exacting detail on the technical and mechanical function of the (GMD), the principles surrounding it, and his progress thus far. Included in the video are more than seventy-five slides chronicling Mr. Sinclaire's step-by-step approach, **plus** close-ups of the most recent autocad drawings. An indispensable video for those seriously following this new technology.

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Pierre Sinclaire is shown giving one of his first lectures on his experiences with the work of **David Hamel**. Included are slides detailing David's life and efforts to develop the **Gravito Magnetic Device (GMD)**. Also included are video clips of other researchers around the world developing similar technology. A great introduction to David Hamel's work, and what's really going on in the field of

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WHAT IS PROJECT MAGNET INC.?

Project Magnet was created by Pierre Sinclair in an effort to distribute information concerning the development of new **anti-gravitational technology**. This technology introduced to him by David Hamel has been the focus of much argument and debate. Mr. Hamel has spent over twenty years trying to convince the public of the viability of his ideas. No one listened. No one could believe such a thing was possible. Except for a few local newspaper articles the world was completely unaware of the scientific break through one simple man was making in the back yard of his home.

Then, in 1990, for the first time David Hamel met a man who was willing to listen to his ideas. As this man listened he didn't laugh, and he didn't dismiss what he heard.

Instead he asked himself a question that would keep him in contact with David for the next six years. That question was: **How?**

Project Magnet represents the accumulated effort of six years of scientific research by Pierre Sinclair. It has fostered the development of a new **GMD (Gravito Magnetic Device)** proto- type, accurate autocad drawing of this device, an authorized publication of life of David Hamel, (**THE GRANITE MAN AND BUTTERFLY**) as well as two videos on lectures given by Pierre Sinclair about the technology and ideas expressed by David Hamel.

ABOUT THE PRESIDENT

Pierre Sinclair has been an electronic technician for the past ten years. Most of that time he has also been devoted to the scientific research of alternative energy sources. For the past six years Pierre has been working with David Hamel in the efforts to duplicate the device that lifted off from Mr. Hamel's yard in Maple Ridge, BC. Canada, in 1977. Pierre is the driving force behind **Project Magnet**. He strongly shares Mr. Hamel's desire to make anti-gravitational technology known to the public and is accessing every means at his disposal to do so. He is in constant contact with David Hamel who has encouraged and supported all of Pierre's efforts.

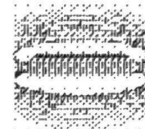
**PIERRE
SINCLAIRE**



OUR GOAL

Alternative ideas have never enjoyed a smooth ride into main stream beliefs. This unfortunate reality continues to this day as adventurous inventors are rebuked for challenging the accepted scientific knowledge of our time. It is, therefore, our goal to add fuel to the questioning mind. To provide both layman and professional alike with access to new ideas and devices which explore the fields of anti-gravity and scalar fields. David Hamel's GMD is such a machine and has been the focus of our efforts thus far. All information regarding its conception, construction and development will be made available to the public. We support all other similar technology aimed at improving scientific awareness and the development of the human spirit.

PROJECT MAGNET INC.



**JEANNE
MANNING**



ABOUT THE AUTHOR

Jeanne Manning is a freelance journalist who, since 1981, has traveled throughout North America and Europe to report on new energy technologies. Her articles and essays have appeared in numerous energy journals as well as several books. She also serves as a board member for two new-energy organizations.

Ms. Manning received her degree in sociology from the University of Idaho. She has worked as a newspaper reporter and editor and has raised three children. She now resides in Vancouver, British Columbia.

**PIERRE
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ABOUT THE CO-AUTHOR

Pierre Sinclair has been an electronic technician for the past ten years. Most of that time he has also been devoted to the scientific research of alternative energy sources. Some of his projects have involved:

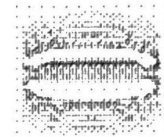
- the development of a nuclear decay battery for small appliances
- a hydrogen cell to mix hydrogen with gas to produce cleaner combustion and greater gas mileage
- a transformerless power supply for computers
- the ML Converter by the Mathernita Religious Community in Switzerland

For the past six years Pierre has been working with David Hamel in an effort to duplicate the device that lifted off from Mr. Hamel's yard in Maple Ridge, BC. Canada, in 1977.

Mr. Sinclair is also the researcher, creator and publisher of the book **THE GRANITE MAN AND BUTTERFLY**.

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PROJECT MAGNET INC.



CONSTRUCTION OF THE GRAVITO MAGNETIC DEVICE (GMD)

BY:
PIERRE SINCLAIRE

ACKNOWLEDGEMENT

This paper is dedicated to a man that I respect very much, David Pierre Hamel. A man who helped me tremendously in my quest into the understanding of antigravity and pushed me to look at Science in a new way.

ABSTRACT

In this short paper I would like to convey enough information to help anyone who would like to undertake any research on the Gravito Magnetic Device (GMD). I will give a brief description of the hardware and the theory behind the GMD. I will also talk about various researchers who have come up with very similar theories and results, plus I will give a brief conclusion on the tremendous possibilities and potential for this technology.

INTRODUCTION

At the end of 1989 I was fortunate to meet a man named David Pierre Hamel. Mr. Hamel had been working for the last fourteen years on an energy system that he claimed would produce antigravity and an abundant amount of energy. Also, to support his claim he said that he had built three prototypes that demonstrated these effects. The first one was built in a forty-five gallon drum, the second one was built on a trailer and the third one was built on a plywood base raised ten feet in the air on a fourpod support structure. His work paralleled the research that I was doing and so I devoted the past six years of research in collaboration with David Hamel to understand the unusual phenomena and to build a prototype that would demonstrate and conclude that such a technology is obtainable today.

This paper is also dedicated to those who have the time and the resources to duplicate the GMD.

At this time the GMD is almost complete, as well as the drawings. This paper will help you to understand the basic functions of the GMD but more detailed information will be available in the near future along with a video tape on how to build, step by step, the model discussed in this paper. The drawing and video tape will be available through Project Magnet Inc.

I should note here that all building materials for the GMD are readily available almost anywhere in the world and the cost is relatively cheap. A lot of hand work is required but nothing that is unattainable. No special machining or parts are required. Only patience and devotion is needed.

Finally, I would like to emphasize that the power generated, surrounding the GMD, is extremely powerful and radiates, causing interruptions of electron flow in normal electrical systems, i.e. lights, cars, road transformers and interferes with electromagnetic transmissions. So it is without saying that this machine has to be taken extremely seriously when completed and activated. But don't be alarmed, if a control system is in place, it is easy to stop its effect. One of the main purposes of the GMD is to understand the effects of enclosed opposing magnetic fields that have varying vector angles; like theories set forth by Tom Beardon (6). As far as I am concerned, David Hamel has brought about an incredibly powerful and useful technology which also generates antigravity. The GMD has a powerful upward thrust causing it to rise in the air. Similar work has been done by John Searl of England with his Levi Disk experiments(1). When we do understand the inner workings of what causes the secondary electrogravitational fields, the possibility to create various devices enabling us to have plentiful energy of different types is mind boggling.

OVERVIEW OF THE CONSTRUCTION OF THE GRAVITO MAGNETIC DEVICE (GMD)

It should be noted that the configuration of the parts inside the GMD are put in such a way to promote an enclosed constant variation of opposing magnetic fields. In the resting state, the moving cones are balanced and stabilized in a magnetic field repulsion, like a magnetic bearing. This is the hardest part to accomplish. The startup of the GMD is initiated by lowering a magnet at the center top of the shell, inside the shell, towards the momentarily magnetically balanced moving cones. (see Fig. 1) As the center magnet, which opposes the one attached at the centre of the upper moving cone, is lowered inside the GMD, it forces the upper cone to move sideways, shifting the magnetic balance between the cones inside the GMD. The cones stay offset to each other for a short while and then plasma like energy starts to build up around the GMD. The energy built up creates a shift of colors from red-orange to light blue and then white. Following this effect the GMD starts to lose weight and has an upper lift in a greater ratio than its total weight.

The GMD is composed of twelve major components (See Fig. 1):

A) The control mechanism; **B)** Four individual rings of magnets; **C)** Inverted cups; **D)** Three magnets attached to inverted cones; **E)** Wall rings; **F)** Outer edge rings; **G)** Outer edge extended ring; **H)** Moving cones; **I)** Plywood base; **J)** Double sided cones; **K)** Cone enclosures; **L)** Inverted cones.

For details of the following see Figures 1, 2, 3, 4, and 5.

A) In the aluminum casing is the control mechanism. It is composed of a large barium ferrite magnet that is raised or lowered by the use of a corkscrew type device. The aluminum casing is bolted to the upper body of the GMD. It should be noted that 1/2 inch spacers are utilized to allow for air flow. The magnets used in the control mechanism are identical to all the 'D' type magnets in figure 1 and 2.

B) Riveted to the collar of each cone is a ring of magnets. Each ring is composed of several individual magnets with all their magnetic poles in the same direction, creating the desired effect of opposing magnetic fields. The purpose of the configuration of these rings are to minimize the physical weight of the moving cones 'H'.

C) Next to the collar, attached to the wall of the moving cones, are three pair of inverted aluminum cups set 120 degrees apart from each other. The dimensions of all the inverted cups is determined by two factors:

1. The distance between the 'E' and 'G' magnetic rings;
2. The size of ball bearings which fit into the inverted cups.

D) Each of the 'D' magnets are attached to a small aluminum inverted cone 'L' which reaches from the magnet

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to the collar of the lower 'K' cone and the two 'H' cones. Each of the 'D' magnets including the magnet inside the control mechanism 'A' are identical.

E) Attached to the wall are two adjustable magnetic rings. The purpose of these rings is to hold the 'H' cones centered and at the tip of the 'J' small double sided cones.

F) Attached to the outer edge of the moving cones 'H' are ring magnets at 90 degree angles to the 'G' magnets. Its purpose is to support part of the weight of the moving 'H' cones and to generate more opposing magnetic fields. Each cone, 'H', 'K' has their 'F' magnets aligned in the same polarity.

G) Attached at the extreme circumference of the moving cones 'H' are ring magnets which are perpendicular to the 'G' ring magnet. They repel the field of the magnetic rings around the outer wall 'E' of the GMD. This is to ensure that the 'H' cones are kept in the center at a proper distance. The distance between the 'E' and 'G' rings is determined by the strength of the magnet's magnetic field. Here it should be noted that all spacing arrangements are based on the magnet's field strength.

H) The two cones are identical to the 'K' cones except that attached to the outer circumference of each cone is a ring magnet 'G'. I would like to note here that it is important that the attached ring magnet 'G' is distanced far enough from the 'E' ring magnets so that their magnetic field does not interfere with each other.

I) It is desirable to use plywood as a base as it is easier to attach, move and remove parts as necessary.

J) There are six small double sided cones that sit in twelve cups. The size and design of the cups allow sideways and wobble movement of the 'H' cones. It is also used a locking mechanism so the swaying movement of the 'H' cones is restricted to a certain point.

K) These two cones are mainly utilized to provide an enclosure as well as used to magnetically clamp the moving 'H' cones.

L) Small inverted aluminum cones designed to support and attach the 'D' magnets to the lower 'K' cone and the 'H' cones at the collar. It is important to have this cone arrangement to give the air a path to flow between the layers of the cones, thus, triggering the swaying movement of the moving cones 'H' when the GMD is generating its electrogravitational field.

EXPERIMENTAL NOTES

So far, the prototype has demonstrated the same mechanical effect that David Hamel claimed. It has shown that when the 'H' cones are manually moved, the air flows in and out of the center hole and the outer edges of the GMD. Since the control system is not completed and the outer wall is not covered yet, it is not possible for me to tell if the secondary effect would show up around the GMD. But, because all the construction of the different sections of the GMD, plus all the mechanical functions have proven to be right, it is my belief that the effects should show as predicted.

GENERAL COMMENTS

To my knowledge, there are six people that have come up with devices which use the principle of dynamic of c fields at vector angles, within an enclosure. Devices which demonstrated the unusual

and similar effects to the David Hamel devices are:

1. John Searl from England with his Levi Disk Machine.

03/30/98 18:1

<http://www.projectmagnet.com/fianspr>

2. John Hutchison who has demonstrated the opposing magnetic field using Tesla Coils with varying frequencies.

3. W.J. Hooper with his test apparatus, which had an electromagnetic coil wound in such a way that each electromagnetic field would oppose each other and this in an enclosed and shielded metal can. He showed a direct relation with the field strength inside the can and the electric field appearing outside the can.

4. Floyd Sweet who made several devices proving that stressing a magnet with opposing magnetic field would cause the magnet to generate a secondary field on the surrounding space and then trap it with scalar wound coils.

5. Wilbert Smith demonstrated that using electromagnetic coils wound in the same fashion as the one by Hooper, but overlapping two coils of the same, would also produce unusual effects.

6. Tom Bearden, who in my opinion, advances the best theory to explain the reason of such unusual energy behaviour. He also explains what causes this reaction at the nuclei level.

PIERRE SINCLAIRE BOX 839 9037 ROYAL STREET, FORT LANGLEY, B.C. CANADA V1M 2S2

REFERENCES

1) John Searl 1994: Extraordinary Science, Volume 4, Issue 2, Apr., May, June, page 17.

2) John Hutchison 1993: Canadian Researcher, George Hathaway, VHS Tape, Toronto, Ontario Canada.

3) W.J. Hooper 1974: New Horizon in Electric, Magnetic and Gravitational Field Theory, Tesla Book Co. Greenville Tx. 75401 USA

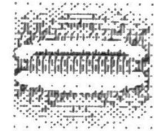
4) Floyd Sweet 1988: Nothing is Something, Theory and Operation of the Phase-Conjugate Vacuum Triode, June 24th, 1988

5) Wilbert Smith 1963: Ottawa New Science and Contact (Canada) Group. 95 Center Street Aylme East, Quebec Canada.

6) Tom Bearden 1991: Gravitobiology, Tesla Book Co. Greenville Tx 75401

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PROJECT MAGNET INC.



SCHEMATIC DIAGRAM OF THE GRAVITO MAGNETIC DEVICE

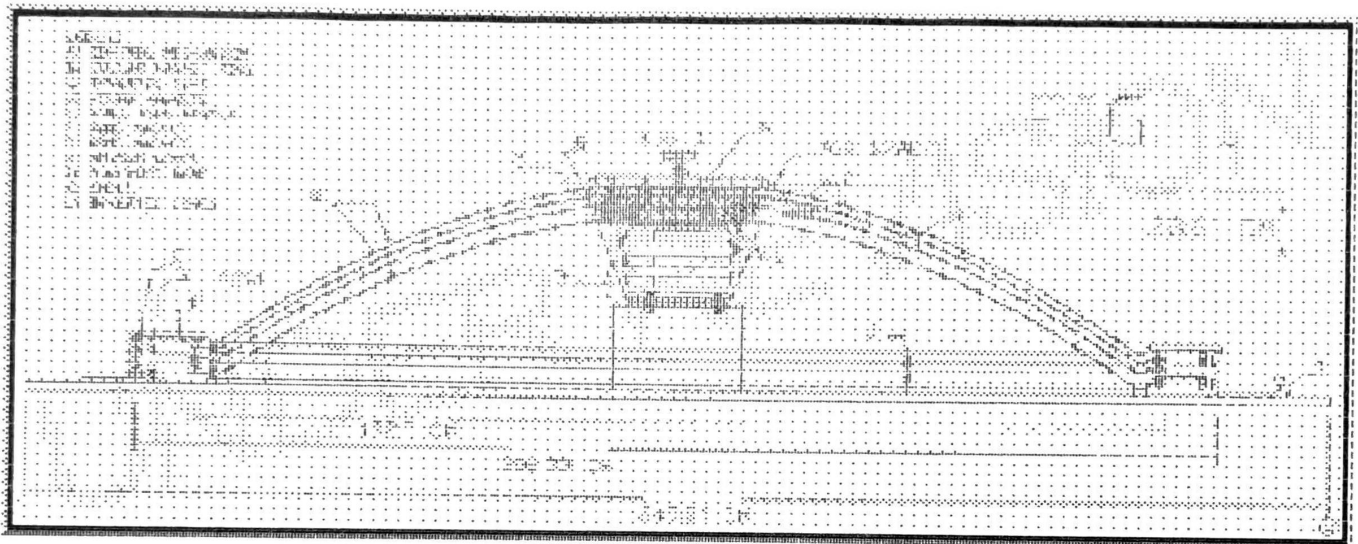


FIGURE 1

[CLICK ON PICTURE TO DOWNLOAD IT IN ZIP FORMAT](#)

- | | |
|-------------------------|-------------------|
| A) CONTROL MECHANISM | G) RING MAGNETS |
| B) COLLAR MAGNETIC RING | H) MOVING CONES |
| C) INVERTED CUPS | I) PLYWOOD BASE |
| D) ROUND MAGNETS | J) SHELL |
| E) WALL RING MAGNETS | K) INVERTED CONES |
| F) RING MAGNETS | |

[FIGURE 2](#) [FIGURE 3](#) [FIGURE 4](#) [FIGURE 5](#)

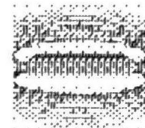
These are, respectively, drawings 1,2,3,4,5 that were with the April 1996, IANS Denver conference paper entitled "Construction of Gravito Magnetic Device "GMD" by Pierre Sinclair". These drawings are not fully completed because, at this time the GMD is not complete. But these can be used for research purposes since the changes to complete the GMD are minimal.

These drawings are scanned at low resolution to allow fast download to your site. But if you would like an actual set of drawings (1 to 5) on hard copy, please send \$6.00 US to Sinclair Technology Research Ltd. at Box 839, Fort Langley, B.C. Canada, V1M 2S2. Allow two weeks for delivery. This includes all taxes, shipping and handling. If you have any questions, please e-mail me at "magnet@smartt.com" or fax me at 604 888-8641.

For more information on the history of the GMD please refer to the book "The Granite Man and The Butterfly" and the video titled "Conference at the Vernon Science Center" which are both available on the order page of this web site. "Project Magnet Inc."

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LINKS TO SITES DEALING WITH OVERUNITY DEVICES

To: Tom Bearden - Scalar Electro-Magnetics

The Institute For New Energy

The B.C. Ufo File Index

Keelynet

For more information on different energy devices
and update on what is going in "free energy" theory
and prototypes. A MUST SEE.

Zenergy

For the serious inventor(s) who is(are) looking for
development funds and help.

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CHRONOLOGY OF US ANTIGRAVITY RESEARCH

By James E. Cox

CHRONOLOGY OF US ANTIGRAVITY RESEARCH

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1850 - Dr. William Crookes investigates human levitation claims, such as Homes reported in Psychical Research literature.

1896 - John Keely demonstrates a sympathetic vibratory flying machine to the US Army which flew 500 MPH.

1915 - Einstein publishes his General Theory of Relativity.

1917 - Prof. Nipher publishes data on electric (Faraday shielded) Cavendish experiment that exhibits repulsion.

1928 - T. T. Brown published data on his charged lead lethargy electrogravitic experiments in Sci. and Invention.

1934 - Dr. Schuman flight tests electromagnetic Vril I craft in Germany.

1943 - Philadelphia Experiment confirms Einstein's modified Unified Field Theory.

1947 - Roswell crash in New Mexico yields bonanza of extraterrestrial antigravity propulsion technology.

1952 - Truman establishes Majestic 12 committee to investigate UFO's.

1950's - In general, there are a flurry of news accounts of amateur inventor's who claim success in building work flying saucer models.

1960's - Many American companies exhibit a euphoria of belief that control of gravity is eminent - Glenn Martin, etc.

1964 - Dr. Erwin Saxl publishes in NATURE anomalous weightless data on his charged and shielded torsion pendulum experiments.

1971 - First successful US Antigravity flight test at S-4 Dreamland by SAIC corporation.

1972 - Official Air Force "Project On

having the most future promise.

1973 - Princeton/Cal Tech publishes their seminal book on "Gravitation" by Thorne, Misner, and Wheeler which offers the mainstream word on the subject.

1975 to 1985 - There is a stretch of time here where little public information on antigravity is available - probably a period of suppression or quiet research.

1983 - Henry Wallace presents a paper/patent on a more practical way - yet theoretically plausible - for gravity control and has some success.

1989 - Bob Lazar is one of the first Black Project insiders to come forward and reveal about backengineering of UFO technology.

1992 - Dr. Podkletnov publishes paper announcing a 2% gravity shield in a spinning superconductor.

1996 - Russian's reveal extensive experimental gravitonics program aimed at a 100 MW magnetostriction g-beam device.

1996 - Lt. Col. Corso reveals secret Pentagon files on Roswell crash material/documentation he was in charge of.

1997 - Travis Taylor at Redstone Arsenal reveals tests on UFO crash material that exhibits anomalous motion in electric and RF magnetic fields.

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32 ANTIGRAVITY THEORIES

By James E. Cox

32 ANTIGRAVITY THEORIES

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I have selected a bunch of theories of gravity that have the common feature of generally yielding the possibility of gravity control, as well as being somewhat diverse in their characteristics.

ASPDEN, HAROLD
 ALZOFON, DR. FREDRICK
 AUBIERRE
 BEARDEN, TOM
 BLACKETT, P.M.S.
 BRUSH, DR.CHARLES
 CASSENTI
 CLARK, DR RICHARD
 COLLINS, ROBERT
 DICKE, DR. ROBERT
 DISHINGTON
 EINSTEIN, DR. ALBERT
 FORWARD, DR. ROBERT
 HALVOSKY
 HAWASAKA
 HEAVERSIDE, OLIVER
 HEIM, DR. BERTHART
 HOOPER. DR. WILLIAM
 JEFIMENKO
 LE SAGE
 LI, DR.NING
 MAXWELL, CLERK
 MILL, RANDALL
 MODANESE
 NIPFER, DR. FRANCIS
 PUTHOFF
 SEIKE, SHINICKI
 TELLER, DR. EDWARD
 WILSON, HAROLD
 WITTEN, DR. aED.
 WOODWARD, JAMES

"HE WHO CONTROLS GRAVITY, CONTROLS THE UNIVERSE"

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66 ANTIGRAVITY INVENTORS, DEVICES, AND EXPERIMENTS

By James E. Cox

Table 1: 66 AntiGravity Inventors, Devices, and Experiments A 4 Page Fold-Out

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Name of Inventor

[The Complete Table as printed also includes:
 Brief Description / % Lift / Demo Lab Model /
 Theory Consistent? / Witnesses? / Peer Published? /
 Other Document? / Commercial Funding? / and the Total Score.]

Alzofon, Dr. Fredrick
 Bahnion, Andrew
 Benzel, "The"
 Bielek, Al
 Biefeld
 Brown, Thomas
 Brush, Charles F.
 Casimer
 Carr, Otis T.
 Clarke, Dr. Richard
 Clendonon, W. D.
 Cook, Leroy
 Cowlshaw, David
 Crookes, Dr. Willaim
 Davidson, Dan
 Dean, Norman
 Delroy, Montimen
 dePalma, Bruce
 Forward, Dr. Robert
 Foster, Richard
 Frost
 Halik, Erich
 Hartman, James
 Hammel, david
 Hoyassaka
 Home, Daniel D.
 Hooper, David
 Huaro, Yamashita
 Hutchingson, John

Jones, Alex
Keely, John
Kidd, Sandy
Kelly, Don
Kummel, Peter

1
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http://www.padrak.com/agn/AGN_2_1_5

Laithwaite, Eric
Lazar, Robert
Li, Nuig
LeedsKelstein, Ed
Littejohn, William
McCabe, Fran
Moebuis (Faile)
Naudin
Nipher, Francis
Nieper, Hans
Pages, Marcel
Party Levitation
Peschaka, W.
Podkletnov, Eugene
Poliakov
Rhodes, William
Rieken, Bud
Saxl, Dr. Erwin
Searl, John R. R.
Schnurrer, John
Schauberger, Viktor
Seike, Shinicki
Smith, Wilbur
Sorenzen, Neil
Strachan, Scpott
Sweet, Floyd
Tesla, Nikola
Tibet Lhama's
Toor, Douglas
Wallace, Henry
Woodward, James
Williams, Pharis

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Skywatch Mailing List

[SO] BAe's Anti-Gravity Research Braves X-Files Ridicule!

Date: Tue, 28 Mar 2000 18:36:58 EST

From: SHnSASSY1@aol.com

Subject: [SO] BAe's Anti-Gravity Research Braves X-Files Ridicule!

From: SHnSASSY1@aol.com

http://www.newsunlimited.co.uk/uk_news/story/0,3604,151331,00.html
BAe's anti-gravity research braves X-Files ridicule

www.greenglow.co.uk

James Meek, science correspondent
Monday March 27, 2000

MAX: There are scientists in Finland who say that they've detected antigravity over the surface of a spinning superconducting disc. (He laughs.)...

- X-Files episode, March 1997

The cameo appearance in the TV sci-fi series of the "gravity shielding" experiments of the Finland-based Russian scientist Yevgeny Podkletnov summed up the reaction of the physics world to his work: it belonged in the realm of fantasy.

But not everyone sneered. The military wing of the hi-tech conglomerate BAe Systems took the Podkletnov experiment so seriously that it has launched an anti-gravity research programme, Project Greenglow. If the technology could be made to work it would make existing forms of transport obsolete.

BAe last week confirmed that the project, led by the mathematician Ron Evans, existed but would give no further details. Like many of the few scientists around the world exploring gravity shields and gravity beams, Dr Evans is believed to be fearful of ridicule. The cold fusion debacle, when scientists' claims to have created a solution to the world's energy problems in a lab flask were discredited, casts a long shadow.

Dr Evans, at BAe's stealth and electronic warfare department at Warton,

Lancashire, is understood to be working with scientists at Lancaster University. There is a sparse website, www.greenglow.co.uk, which describes the project as "a speculative research programme - the beginning of an adventure which other enthusiastic scientists from academia, government and industry might like to join, particularly those who believe that the gravitational field is not restricted to passivity."

In 1996 Dr Podkletnov claimed to have discovered a way to shield objects from gravity by placing them over a superconducting disc which, in turn, rotated above powerful electromagnets.

His findings were to be published in a British physics journal, but news leaked out and, after press stories that scientists had made an anti-gravity device, he was booed by peers who accused him of breaking the laws of physics. He withdrew his paper and went into a huff. The university that had sponsored him, in Tampere, Finland, withdrew its support, and he has returned to Russia.

But the notion of a machine that could gently lift objects - people, freighters, spacecraft - with a hum of electricity gripped some people. A few serious scientists and engineers have been trying to reproduce Dr Podkletnov's results.

This month he slipped into Britain to give a lecture at Sheffield University, where he claimed that the latest Russian gravity shielding experiments had made objects 5% lighter, compared with 2% in the Finnish study.

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Message Board: <http://www.insidetheweb.com/messageboard/mbs.cgi/mb78028>

Chat Room: <http://beseen2.looksmart.com/chat/rooms/n/10083/>

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All Articles and Comments Are Welcomed!

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