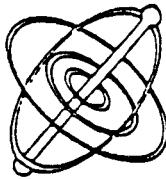


# PROJECT STARDUST





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## CONTENTS

Introduction.....	i
<b>PRIORITY OPERATIONS</b>	
Old World Math... <del>UNDER REVISION</del> .....	1
New World Math.....	4
Tests and Results of Falling Bodies.....	7
Introduction to Theory and Unity of All Things.....	19
Energy to Mass Conversion.....	28
Anti-Matter and Review of Falling Bodies.....	31
The Structure of An Atom.....	34
Consequence of Nuclear Energy.....	43
The Structure of the Sun.....	51
Theory of Falling Bodies II:.....	67
Beyond the Ionosphere.....	84
Three Page Article on the Van Allen Radiation Belt.....	S-1
Appendix of Related Articles.....	S-4
Global Warming and Ozone Depletion	
5th and 6th Forces	
The Sun	
Contradictions in Modern Physics	
Two-Page Letter to a Scientist on the Repulsive Force in Nature.....	L-1



## INTRODUCTION

Project Stardust is an economically feasible, global plan to save our Earth's dying ecology. Stardust has developed over the last thirty years through the dedicated efforts of a team of interdisciplinary researchers, spearheaded by Physicist Lloyd Zirbes.

After extensive research, the Stardust team has concluded that our planet's ability to sustain life is in a far more precarious situation than we are being led to believe. The team has made the startling discovery that many of the world's most threatening environmental problems stem from the same source.

Generally unknown to the public and mainstream scientific community, many thousands of tons of unstable, high-velocity, sub-atomic particles are released into the environment each day by nuclear and electron theory based technologies such as nuclear power, nuclear weapons testing, and our everyday electrical, radio, and microwave transmissions, to name a few. The accumulation of these mass particles in the Earth's magnetosphere is causing the Earth's radiation belts to literally "shear" and "slip," creating the potential for a sudden global catastrophe of unprecedented proportions.



This accumulation appears to be the primary cause of our increasing ozone depletion, global warming, droughts, and earthquake, tornado, and volcanic activity.

The work of Stardust is based on a revised model of physics which corrects many flaws in the theories and laws of the current model.

On this foundation Stardust researchers have devised new technologies which, remarkable as it may seem, will accomplish the following:

- The 100% restoration of our depleted ozone layer;
- The elimination of acid rain, air and water pollution;
- The neutralization of radioactive waste;
- The conversion of salt water to fresh water, quickly and efficiently;
- The prevention of drought and the reversal of global warming;
- The total elimination of unstable, high velocity, subatomic particles from the Earth's magnetosphere.

Project Stardust is now reaching out to expand its grass roots support group, which will take the lead in the financing and implementation of these technologies as swiftly as possible. It is Project Stardust's intent to make this technology available for the benefit of all.



## A BRIEF HISTORY

The director of Project Stardust is a physicist named Lloyd Zirbes. In 1960, Lloyd performed a review of the accepted laws of physics for his Ph.D. thesis. This led him to test a long-cherished assumption of Galileo's that states "all falling bodies accelerate at the same rate." To this day Galileo's assumption has been accepted as a basic tenet of applied physics.

After some initial gravity tests where balls of different weight and elements were dropped from a two hundred foot water tower, Lloyd and his associates found slight discrepancies from expected acceleration rates which were intriguing but inconclusive. These discrepancies motivated the group to continue many more tests from higher and higher elevations. They concluded with a series of drops into a two thousand foot deep open quarry. Factors such as wind currents, updrafts, aerodynamics, lunar winds, human and mechanical error and most importantly air resistance, were carefully considered and compensated for.



After two years and thousands of tests, there could be no mistake, Galileo's assumption was incorrect! Falling bodies do not accelerate at the same rate! Earth-shaking could only describe the significance of this finding. It meant that the technologies derived from applied physics were far more inefficient and hazardous than necessary. It would lead to a completely new look at the laws of nature. For the first time in history we would understand nature in its true light, from the subatomic to the universal.

With great excitement Lloyd's team sent out their findings to noted physicists and universities, but to their amazement, no one responded. Lloyd's professors had warned him of this. Since his first gravity tests, they had urged him to discontinue or else he would not receive his Ph.D., saying his work was too controversial.

In Lloyd's words, "Science is supposed to be a search for the truth, not protection of the status quo, and yet, I had run up against the ultimate 'old boys' network." This network is supported by vested interests in the Military/Industrial Complex, which provides funding only for projects that help keep this old boys network alive.

Lloyd's findings, which would eventually prove the obsolescence and deadly nature of nuclear technology,



obviously did not fit into the goals of this network. The few physicists who have dared to teach Lloyd's work have lost their jobs, and these findings have remained effectively silenced to this day.

Through thousands of hours of study, Lloyd came to formulate a logical and mathematically complete theory that explained the results his team had found in their gravity tests. Unlike so many currently accepted theories of physics, it worked without the use of unwarranted assumptions, "fudge factors", open parameters, and adjusted dimensions. Continued mailings throughout the scientific community were ignored.

#### A MULTI-BODIED SUN

In 1965, Lloyd turned his studies to the sun. It was (and still is) commonly held that our sun is a huge thermonuclear fusion reactor. This assumption is popular because it supports the notion that nuclear energy is somehow natural, and therefore safe. Knowing this assumption to be based on the old incorrect laws regarding falling bodies and gravity, Lloyd carefully reexamined all the available solar data.



It took years of continuous, penetrating study, but from the stable foundation of physics and operational math which he had developed, it became apparent that the sun is not the huge nuclear reactor proposed by established science, but merely a mechanical system. This system is comprised of not one, but of hundreds of thousands of bodies. These bodies, ranging in size from the Earth at the Sun's outer edge, to Jupiter at its core, spin and rotate around a central axis at extremely high velocities. It is their violent magnetic and gravitational interaction which causes the sun and all other stars to generate energy.

These findings were again sent out, and to Lloyd's disbelief were again ignored. Perhaps more significant is that his findings -- even from the beginning -- were never challenged.

#### CRIB DEATH, CHILD LEUKEMIA, AND ELECTRICITY

For years Lloyd continued to study gravitation and man-made magnetic fields. He became increasingly aware of how deeply flawed our electron and nuclear theories are, and increasingly skeptical of the technologies they support. To test his suspicions, he conducted a long term study of the effects of man-made electromagnetic fields on living



creatures such as earthworms, rodents, chickens, and plants. The results were strange and horrifying. Lloyd researched our commonly used electrical systems and found in them the long-sought primary cause of crib death, child leukemia, and other diseases. He observed previously unsuspected danger to anyone living near an electrical transformer or radio transmitting station. Again mailings were sent out -- this time to power companies, government agencies, and educators -- but no constructive response or action was initiated.

#### THE GRAVITY GENERATOR

By now it was 1978. If our sun is a mechanical system, Lloyd reasoned, it should be possible to build a working model of its natural method of generating energy. So, with his experience as an R & D engineer in the Aerospace Industry, Lloyd decided to build such a model. When completed, his device would be able to produce its own gravitational field, and so it was called a gravity generator. Although there are several currently known methods to theoretically produce an "anti-gravity-like" effect, including the use of sound waves, lasers, and electromagnetism, never in the annals of science has such a device been built. If successful, it would provide corroboration of Lloyd's previous work.



After several years and many thousands of hours of research and development, the moment had arrived. In the middle of Lloyd's shop sat a device 3 feet in diameter, composed primarily of aircraft aluminum. Lloyd energized the device, and instantly everything in the shop went into motion. All of the shop's unsecured machines and objects were swept up toward the ceiling, as was Lloyd. A virtual whirlwind was created which lasted several seconds, at which point the gravity generator (also in motion) rose high enough that its power cable was disconnected. Instantly everything fell to the ground, including Lloyd, who was hit by falling machinery and fractured several vertebrae. After crawling out from under the wreckage of the shop, he was able to stop a passing motorist who took him to the hospital, where he remained for eight weeks.

During his recuperation, Lloyd designed a companion unit, an electrical generator. He realized that this electrical generator was indeed a new energy source which could provide a viable alternative to our dependence on fossil fuels and nuclear energy for a fraction of the cost.

Unlike nuclear energy with its less than 1% efficiency, this electrical generator was at least 500% efficient, pollution-free, and with no danger of melt-down,



radioactive waste, or the hazards previously mentioned. Importantly, both machines were harnessing only natural energies which occur spontaneously throughout nature. The nuclear technology we use literally rips apart the fabric of physical nature and must ultimately be rejected by any intelligent society.

#### **SPACE TRAVEL**

On further analysis Lloyd realized that this gravity generator could be developed into the ultimate propulsion system for spacecraft -- far in advance of anything considered by NASA or any other of the world's space programs and far safer.

Inspired and excited by the incomparable benefits this technology could afford humankind and our Earth's dying ecology, Lloyd redesigned the gravity generator. He would use this improved device as a demonstration model with which to secure the financing to build a craft. This craft, he calculated, could fly up to one-half the speed of light.



## DESTRUCTION OF THE GRAVITY GENERATOR

Lloyd returned from the hospital only to find his shop had been destroyed by fire. All of Lloyd's records and equipment he had gathered for so many years were gone. The police assumed arson, and since phosphates had been used to start the fire, it was clearly a professional job. Who did this? Why would anyone want Lloyd to discontinue his research?

In the seven years since the destruction of the gravity generator, Lloyd has continued to develop this technology and its applications to the greatest ecological problems of our time. The following material offers further elaboration of his work. It is the goal of the Stardust Team to gather the resources and people necessary to implement these technologies before our planet crosses the point of no return.

To find out what you can do, please contact:

Project Stardust  
P.O. Box 1664  
Topanga, CA 90290  
(213) 285-8318

Thank you for your participation.



## Project Stardust

### Priority Operations

#### Introduction :

The following pages contain a partial listing of some of the major operations planned by the Stardust Team, and a brief discussion of each. They are arranged in order of their importance to the planet earth, and hence to all of us. This chronology is not concrete, but in our view it represents the best possible order in which to proceed. Many of the less vital technologies (the majority are not listed here) will be undertaken more or less simultaneously by various departments of the future non-profit corporation as that entity takes root and grows.

While going through the operations outlined on the next few pages it would be well to keep in mind that we have rejected venture capital time and again, and will continue to reject it. The reality of the status of the body of earth presents a critical and immediate danger to us all, but also the reality of what some call human nature - the lust for power and greed - is a danger. The responsibility we feel towards the inhabitants of this world is very real, and we are often torn between the knowledge that action must be taken soon, and offers of investment which would save the world but would leave its peoples vulnerable to enslavement. Those who control these technologies will control this planet. Our mandate demands that it be the People who control the technologies. As temporary and unsought trustees of this knowledge, we must take great care in seeking funding and building a structured organization. For this reason we must place limitations on investment opportunities, and in so doing we hope to safeguard the rights of the People, whose inheritance we temporarily control. If this position is offensive to some, it cannot be helped. The technologies which follow belong to all of Earth's children, and they will be used to benefit all. This is our only demand.



## OPERATION BEE

Operation Bee is concerned with the structuring of an air and space craft. This operation will begin with a demonstration model of the main drive of the craft, which is the unit we refer to as the gravity generator. This demonstration model will prove the theory of operation to be correct, thus allowing fund-raising efforts to proceed rapidly. It will also provide data which is required to enable the design and construction of a prototype craft. This craft will commence as soon as funds are available.

The sum required to construct a gravity generator depends largely upon what metal-working machines may be available vs. which need to be purchased. A recent estimate of the worse case scenario (i.e., all new materials and the machine work farmed out) was \$35,000-\$50,000, depending on machine shop hourly rates in a given locale.

Using data gathered from the operation of this demonstration model, a 35-foot prototype craft will be developed and constructed. These craft must possess a life support system to allow manned space flight, and also must possess a renewable power source (see Operation Firefly). The engineering cost of this proto craft has been estimated to be in the neighborhood of ten million dollars.



With the completion of this prototype, full scale production of these craft must proceed swiftly, for with the development and addition of the barrier device (see Operation X), these units will be able to screen dangerous particles from the severely overburdened magnetic fields of earth and restructure these particles into stable, useful elements. Without Operation Bee, planet Earth will surely die, and so it is our highest priority for development.

While efforts proceed on the environmental front, thought can be placed on the almost endless potential of Operation Bee, whose primary impact will be the revolution of all systems of transportation. These craft will eventually replace all current cargo and passenger carriers, and they will do so in a safe, clean, and efficient manner. Our current space program will take on a new dimension as these craft will easily, swiftly and safely explore our solar system. With possible velocities of up to 90,000 miles per second, investigators and vacationers alike will enjoy ready access to all areas of our solar system.

Operation Bee offers a craft which requires no fuel, little maintenance, no special landing/take-off facilities, and can safely deliver substantial tonnage anywhere in the solar system within hours. We expect a smooth and rapid transition from current methods of transportation to the exclusive reliance on these superior craft.



## Operation Firefly

As humanity makes the transition from old and destructive ways of doing things to new, nature based methods, large amounts of electrical energy will be needed to meet the power needs of all the people of planet earth. This power will be provided without the consumption of fossil fuels, the use of high lines, large transformers, and meters, and most especially without the deadly use of nuclear fission. Operation Firefly represents one of our options in achieving this goal.

These units will be very versatile, and can be constructed as small, portable generators, or if required a large unit capable of supplying the needs of a town or small city could be built. These electrical generators will easily achieve 500% efficiency, and can readily be designed to meet the power needs of the craft spoken of under operation Bee.

The theory of operation behind Firefly represents an improvement and enhancement of Faraday's generator - possible only through understanding what Faraday did and why it worked.

An experimental/demonstration model will cost roughly \$ 10,000 for initial construction. Thereafter, portable 3,000 watt units could be mass produced at a cost of around \$ 450. each. These would have a 100% duty cycle and would require approximately five minutes of maintenance per year. Initially the largest market for these would be among manufacturers of R.V.'s, rural dwellers, etc.- in short, anywhere a portable source of electricity would be advantageous.



## Operation X

To place planet earth back into a natural balance, the many tons of unstable particles thrust upon the magnetic fields of earth through the ignorant use of misunderstood technologies must be collected and reassembled into stable elements. Operation X represents the most reliable method of accomplishing this task. To be used in concert with the craft of operation Bee, this barrier device composed of unique compounded windings on a compound circular core will be energized by the emmissions of the craft. Through a process too complex to discuss here, this device will transform gravity produced by the main drive of the craft into an impenetrable barrier of plasma, which may then be manipulated to produce the desired effect.

The cost of developing operation X could well be upwards of seven million dollars, with production costs near \$ 1,000,000 per unit. This will be our most costly venture by far, but without it the craft will be unable to counteract the effects of humankind's foolish bout with disruptive technologies. Because of the close bond between operations X, Bee, and Firefly, we will make every effort to see that they are developed simultaneously. Enough time has already been lost, and not another moment can be spared.



## Operation GIZA

Even before the onslaught of anti-nature technologies, many acres of earth have suffered from insufficient rainfall. Now, due to the use of these deadly technologies, desert areas have and will continue to expand at an ever progressive rate. Knowledge of the dynamics which create rainfall has allowed our team to devise a method of controlling the factors which produce rain.

Operation GIZA represents our method of accumulating natural, earth produced gravity and using it to disrupt shells of earth's magnetic field which are too heavy and slow moving to allow breakage to occur. As earth's magnetic field becomes ever more burdened with particles released through misbegotten technologies, this method will need to be applied on a larger and larger scale. GIZA is not the solution to our long term problem, but it is a necessary stop-gap measure if we hope to survive the unnatural disaster which is now upon us.

A small, functional GIZA unit for the purpose of experiment and demonstration will cost in the area of \$ 30,000. For measurable results at least three units should be used in conjunction with each other, and between them they should provide drought relief over a 2,000 mile span. Under full production, manufacturing costs would be less than \$ 10,000 per unit. Due to the potential for unethical and/or uncoordinated use of this system, it would probably be advisable to plan on vending this service.



## Operation Echo

The research phase of a new communication system is complete, and it now awaits development. Operation Echo is not based on the electron theory, but rather on our knowledge of gravity. This system of transmitting intelligence is therefore extremely efficient and safe to use.

A 10,000 watt transmitter will easily cover the entire planet and beyond. For communications within this solar system, no satellites are required. This system will be very reliable, offering little if any distortion. Receivers currently in use will be readily adaptable to the new system, requiring only the addition of new antennae.

The cost of developing operation Echo through the experimental phase would probably be near \$ 35,000. Thereafter, low powered units could be mass produced at a cost of around \$ 50 each. During the initial transitional phase, it would probably be most prudent to simply provide communication services as a vendor. As time goes on, however, this system will be adapted to meet all of the communication needs of the people of planet earth, and will be made available to each and every household.



## Operation Blossom

Ongoing experimentation during the mid 1970's with oscillating magnetic fields of varying frequencies proved that genetic change can be produced in both plant and animal life through prolonged exposure to such a field. We have also found that oscillating magnetic fields with concise, consistent values produces a consistent result, which is then carried on into subsequent generations. Operation Blossom will concern itself with the development of plant life which is genetically resistant to drought, disease, and temperature extremes. The systematic depletion of the "gene pool" has caused alarm among those working with hybridization of basic food crops, yet efforts currently underway to preserve these precious genes are inefficient and probably won't work. Operation Blossom offers a viable solution - the creation of new genes by the same method employed by nature - interaction with magnetic fields.

This operation will quickly become one of the most heavily funded of all those planned by our team, for as we well realize, the citizens of this planet are facing some very difficult years - even if clean up operations were begun today. The grim fact of famine becomes more wide spread each year, and it will continue to spread as earth reacts to the injuries she has suffered. It is our firm belief that no truly civilized world allows its citizens to starve to death, and so operation Blossom is a high priority both now and for the future.



## Operation Coral Reef

Technologies currently used by industry and the military have turned the waters of this planet into a large cesspool. Many have died as a result, and many more will sicken and die. Either science has not yet realized this fact, or they once again cover up the facts, but regardless, the fact is that our waters - both above ground and sub-soil - are becoming increasingly poisonous to the life which depends on it.

Operation Coral Reef will apply knowledge of gravity and sub-atomic mass particles to the development of a unit specifically designed to restore the health and balance of our precious waters. Through a different application of the theory behind operation X, we will create a system which will be capable of reducing water to its singular elements. Hydrogen and oxygen in their pure state will then be recombined, and dangerous contaminants left behind in this process will be disassembled into benign particle systems, and then restructured into stable, useful elements. This operation requires further research before moving into the development stage, but the theory is sound, and is not complex.

Due to the research required, initial costs of operation Coral Reef will be high, but the cost of not developing it will be higher still, for without water, life cannot exist.



## Operation Lodestone

To supply electrical energy to larger entities such as cities and industries, a permanent structure will be needed. The system represented by operation Lodestone will employ atmospheric electrical flows from the magnetic fields of planet earth, augmenting natural earth frequencies and resonances. This system requires no mechanical moving parts, and so will not only be a very safe system, but also will be virtually maintenance free and long lived. Once again, no high lines or large transformer stations are needed, which further enhances the safety of this system.

To design and construct a low wattage unit for experimentation and demonstration purposes could be accomplished for \$ 10,000. In mass production each unit would cost roughly \$ 1,000 to construct.



## Operation Nightengale

All creatures which have evolved on planet earth have done so in accordance with the natural influence of earth's magnetic fields. Through the eons, the magnetic fields of earth have shifted suddenly and dramatically. Creatures which could not adapt themselves to the change became diseased, sterile, or simply died out. Due to the use of killer technologies, humankind has succeeded in drastically altering the values of earth's magnetic fields, and as a result we are out of tune with the frequencies produced by our planet. This will cause increasing incidences of new disease, immune system malfunction, and confusion to thought processes - and all of earth's creations will be affected.

Operation Nightengale builds upon an understanding of the continuous interactions of living things with magnetic fields, and the dynamics involved in this interaction to develop and apply new and safe methods of treating illness and injury. This field is wide open to experimentation and research, and experiments conducted by our team in the 1970's have laid the groundwork. Initial and ongoing costs for this operation will be high, but the fruit it will bear will be a bargain at any price.



## Operation Equinox

To state the facts most clearly one could simply say that gravity is heat, and that the concentration of gravity in a given area is the factor which determines temperature. Operation Equinox concerns itself with controlling the concentration of gravity in a given area in order to control the temperature in that area. The key to this technology lies in our ability to affect the velocity of particles of mass, which all contain gravity. If we desire to heat a building, for example, we must only decrease the velocity of particles within a magnetic field. As these particles slow, they become more condensed and so require less space. Space (gravity) is therefore expelled, and gravity is heat. To cool a building the process need only be reversed.

The Equinox unit will replace all current dangerous and inefficient methods of heating/cooling with a system requiring no burning of fossil fuels, strange chemicals, or heavy uses of electricity. To design and construct an experimental unit will cost approximately \$ 65,000. In mass production each unit can be built for under \$ 2,000, and will be best suited for outright sale.



## Operation Elephant Ear

No advanced, intelligent, logical, thinking beings would bombard their citizens and environment with minute particles of mass as earthlings still do through the application of electron theory based communication systems. Their method of communicating would be very similar to that described in operation Echo.

A logical procedure to follow in searching for intelligent life beyond our small neighborhood would therefore begin with an attempt to receive their transmissions. Once this was accomplished and something was known about their cultures, operation Echo would allow a dialogue to be established between their peoples and ours. Should there be advanced civilization "out there" who are, as some maintain, aware of and interested in earthlings, then operations Echo and Elephant Ear should signal these groups that our people have at last "come of age".

This is not a priority operation as regards the survival of our planet in this time of crisis, but due to its social implications we plan to pursue its development rather early on in our program. We've estimated the cost of constructing a suitable antennae system, the needed amplifiers, and an audio/visual display system to be approximately \$ 100,000. We judge this to be a minuscule sum to invest when compared to the potential wealth of information which could be gained through contact with civilized beings.



## OLD WORLD MATH

It is common knowledge that Mr. Einstein spent much of his life attempting to mathematically formulate unity of all things, and that he failed in this noble effort. There are various reasons for this failure, and lack of full knowledge of the actions of free falling bodies was the primary reason. He lacked accurate data - he lacked facts - he was doomed to fail.

There is now such heavy reliance on the erroneous equation  $E = mc^2$  by militarists in industry, politics, and science that questioning Einstein's very famous equation is viewed as an attack on their demi-god, and any "offender" is immediately attacked by those whose power and influence depends upon your continued trust in the promise of  $E = mc^2$ . In reality, this promise is a lie, and anyone who has examined this equation knows it's in error. This presents an obvious question : if it is in error, then why do they cling to it ? In our view it is like a root from which has grown a plant called science, technology, and nuclear energy. This plant in turn feeds a beast known as the military/industrial complex. Were anyone to unearth this evil root called  $E = mc^2$ , the plant would wither and the beast would starve. This is why no one dares question, and why the truth has remained hidden. To laymen we say - a lie quickly becomes complex, but the truth is clear and simple. We will now examine this jealously guarded root in the light of truth, and let the reader decide where logic lies.

Einstein used ergs as his value for energy. An erg is a value taken from the centimeter-gram-second system of measurements. Please take note of the term gram, which indicates weight. An erg is defined as : a unit of energy or work equal to the work done by a force of one dyne acting over a distance of one centimeter. From the start we can clearly see the "slippery" terminology applied as an aid to confusing the issue (and safeguarding the root). Work, energy, and force are all equated. We ask, are they indeed all equal ? It would appear they are if "science" needs them to be, but is this the truth ? Let us continue working our way through this maze and see where it leads.

One erg is a very small unit, so present day physicists use joules to place a value of E (energy). One joule was declared to equal ten million ergs, but the question then was, is a joule potential energy (voltage) or is it work done (ampere flow) ? The congress decided the question by declaring one joule to equal one watt of power. We now find that one watt is equivalent to an

electrical flow of one ampere, and one ampere is the same as one coulomb. coulomb is, by definition, the passing of one ampere of current across a given point in one second, and placed in concrete figures, a coulomb is a movement of  $6.28 \times 10^{18}$  electrons. A single electron has an atomic mass unit value of  $9.1095 \times 10^{-31}$  kilograms.  $9.1095 \times 10^{-31}$  kilograms times  $6.28 \times 10^{18}$  electrons equals  $5.708 \times 10^{-12}$  kilograms. Science hopes you are completely confused by this time, but if we reduce this maze to a simple list, perhaps we will see more clearly.

$$\begin{aligned}10 \text{ million ergs} &= 1 \text{ joule} \\1 \text{ joule/sec} &= 1 \text{ watt} \\1 \text{ watt} &= 1 \text{ ampere} \times 1 \text{ joule/coulomb} \xrightarrow{\text{UNDER REVISION}} \\1 \text{ ampere} &= 1 \text{ coulomb/sec} \\1 \text{ coulomb} &= 6.28 \times 10^{18} \text{ electrons} \\6.28 \times 10^{18} \text{ electrons} &= 5.708 \times 10^{-12} \text{ KILOGRAMS} \xrightarrow{\text{weight}}\end{aligned}$$

What was Einstein referring to when he spoke of energy ? Weight ? To have weight there must be mass, and so Einstein's "E" is really mass, is it not ?

A quick glance at Einstein's m (mass) is all that's required to reveal the basic error. Once again we are dealing with kilograms as the unit of measurement. On the equator at the surface of earth, one gram of mass weighs one gram. That very same gram of mass in deep space will have a weight value of zero, while on the surface of Jupiter this gram of mass weighs 2.5 grams. In applying these values, we find that nuclear technology should not be functional in open space - yet it is. We also find that on the surface of the planet Jupiter, a nuclear warhead should yield a 250% greater reaction - yet it won't. Clearly, reliance on the weight of m (mass) leads to gross errors in calculations, and errors in calculating lead to errors in judgement.

We are told that in  $E = mc^2$  Einstein sought to express the equivalence of energy and mass, and Mr. Einstein was as correct as limited facts would allow him to be. Energy and mass are equivalent, for "energy" IS mass. It is then explained that  $c^2$  comes into play only because of the "traditional" manner in which physicists calculate energy and mass.  $c^2$  is, in fact, a value more or less pulled out of thin air, with nothing to support it other than faulty calculations. Physicists know that it is equally correct to calculate on the basis of  $E = m$ , and to adjust the units of measurement to suit the situation. That this fact is avoided in favor of the astronomical figure represented by  $c^2$  (ie.,  $8.9874 \times 10^8$  meters per second) should alert us to the fraud involved.

$\times 10^{16}$



Even though the most vigorous nuclear reactions yield at most 1% of the promised energy, science holds onto the "carrot" of  $c^2$  as the promise of the future. In truth, if one were to be really precise, this mere 1% could be dissected into the various "quasi" concepts currently lumped under the heading "energy", and the lie would become even more apparent. Science has not only broken their promise - they have broken faith with the people.

In summation we should briefly address a question often put to us : if these technologies (electron/nuclear based) are wrong, then why do they function ? The answer lies in the work of Maxwell, Faraday, and the other classical, true scientists, who performed hands-on experimentation to determine what worked. Modern theoretical scientists took this work and attempted to build a theory which would explain why things worked. When the militarists found a theory which worked to their advantage, progress in this area was halted, and it remains stagnant to this day. Data which does not fit the theory is simply ignored, and dissident researchers silenced. Those who attack our findings due to ignorance or fear of losing their power and influence must be reminded that Mr. Einstein, the guru of the atomic age, died trying to formulate unity. If he'd been satisfied with his original theory, then what was he looking for ?

Birbes Enterprises  
Project Stardust Team  
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The equation which clearly and simply expresses the grand unification theory is  $G = mv^2$ , where  $G$  = gravity,  $m$  = mass, and  $v$  = velocity. In this short essay we will attempt to offer a brief explanation of this equation in hopes that our readers will then apply it to given specific situations. You will quickly see its validity.

In all of nature there exists but two forces : gravity and motion (velocity). Gravity is the force that causes motion, and motion in turn creates gravity. These two forces of nature are inextricably intertwined, yet they are also separate and distinct. Velocity pulls everything apart, causing expansion, while gravity pulls everything together, causing densification. Our universe is expanding, therefore, our universe is in the mode of acceleration. We say again - mass expands at the rate of velocity squared.

To form a mind picture of gravity we could visualize an empty bubble - a bubble which is an absolute vacuum. The size of that bubble is determined by two basic factors, namely, the size of the mass which produced it and the velocity of the bubble. Gravity, like mass, has a force value that increases or decreases at the rate of the distance squared, and there are also many other integral functions which we will not flirt with here. As has been stated before, gravity is of two parts. The Project Stardust team simply refers to these two parts as gravity A (attractive force) and gravity B (repulsive force).

Gravity can be and is continuously being created. All falling bodies, from the smallest sub-atomic systems to the largest universal structures produce a repulsive force (see Theory of Falling Bodies I and II). The repulsive force (gravity B) is produced by particles of mass in the mode of direction change. The size of the bubble of gravity produced is directly proportional to the size of the particle and/or system that produced it. Two of the integral functions to consider are the velocity of the mass and the angle of directional change.

To understand gravity A, the attractive force, we must understand that mass expands at the rate of velocity squared. For mass to accomplish expansion it must accept "space". That space is gravity, and therefore, as velocity



forces mass to expand, gravity moves in to provide the needed space. This inward movement of gravity tends to push the mass back together, and this action is seen as an attraction.

Placing mass into a universal equation is quite elementary, requiring only the elimination of the weight factor. Weight is nothing more than the inward push of gravity or the outward push of inertia. Because the weight value of a given quantity of mass varies from location to location (see essay Old World Math), it is a very arbitrary value. Indeed, weight is a factor only if you yourself are carrying it. To assign a consistant, workable value to a given volume of mass one must therefore concentrate on the density of that mass. Should weight ever be a consideration it must be seen in terms of gravity or inertia acting upon the mass. Mass itself must be considered in terms of the density value of a given volume. We have found that the density of any given volume of mass is inversely proportional to the velocity of the mass, ie., with an increase of velocity the mass density value will decrease.

In this short writing we will not attempt to explore in any detail the correlation between temperature and the velocity of mass, but will instead simply state our findings. Mass in the mode of acceleration "absorbs" heat. This absorbtion results in the creation of a cooled area. Mass in the mode of deceleration releases heat. This release results in the creation of a warmed area. This heat is gravity, and so temperature can also be understood through the application of the unity equation. Though this is not a vital point in this paper, it certainly bears a mention.

We have briefly examined gravity and mass and have determined that gravity equals mass at the rate of velocity squared. Now we must quickly explore the velocity factor, and hopefully all will then become clear.

To visualize velocity we can picture in our mind an unending spiral staircase. The landing of this stairway represents zero velocity. At zero velocity complete densification of mass has occurred - there no longer exists any elements, for elements require space. Space is gravity, and gravity requires motion. At zero velocity there is no gravity, without which our entire solar system would fit into a quart jar - with room to spare. This quart jar would possess a weight value of zero, for weight depends upon gravity or inertia, which in turn rely on motion. Each step of the stairway



will now represent an increase in velocity of one meter per second. Each increase in velocity will have a given effect on the mass involved, and as the analogy of the stairway implies, the effect is constant. Throughout any universe the effect of a given velocity on a given quantity of mass will always be constant. This constancy is the essence of a truly universal equation.

All things in nature are progressive or regressive at the rate squared, and therefore, the amount of space (gravity) contained in a particle or system of particles is directly proportional to the rate of velocity squared. The same can be said of distance, ie., all forces decrease or increase their value at the rate of distance squared. As you consider what has been said it is our sincere hope that you understand the implication of the simple statement : mass expands at the rate of velocity squared. From this we deduce that as mass expands, space (gravity) is required, and that the amount of required space depends directly upon that velocity. Stated most simply :

$$G = mv^2$$

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July 1988

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## TESTS AND RESULTS

### Introduction :

To understand the principles of unity it is imperative that the simple, basic tests which are outlined in the next few pages are completely understood. These were gravity tests, and were conducted at the site of an abandoned mine shaft in Northern Minnesota during the early 1960's. The shaft was two-thousand feet in depth, and the impact plane was monitored by a high speed 8mm camera. In the tests where balls of unlike elements were dropped for comparison, equal weights were achieved by hollowing out the centers of those heavier elements, thus ensuring each sphere was equal in circumference and therefore subject to equal air resistance.

Though our conclusions are founded on literally thousands of tests, we will here present only the most pivotal tests, the results of which are all easily verified by anyone who harbors doubts as to the accuracy of these results or the validity of our conclusions. The importance of the information contained within the following pages cannot be overstated, for in nature the actions of all falling bodies are dictated by the same rules, and this fact is the very essence of unity.

## TEST ONE

Two iron balls of equal weight and size were placed six feet apart, and were then dropped simultaneously.

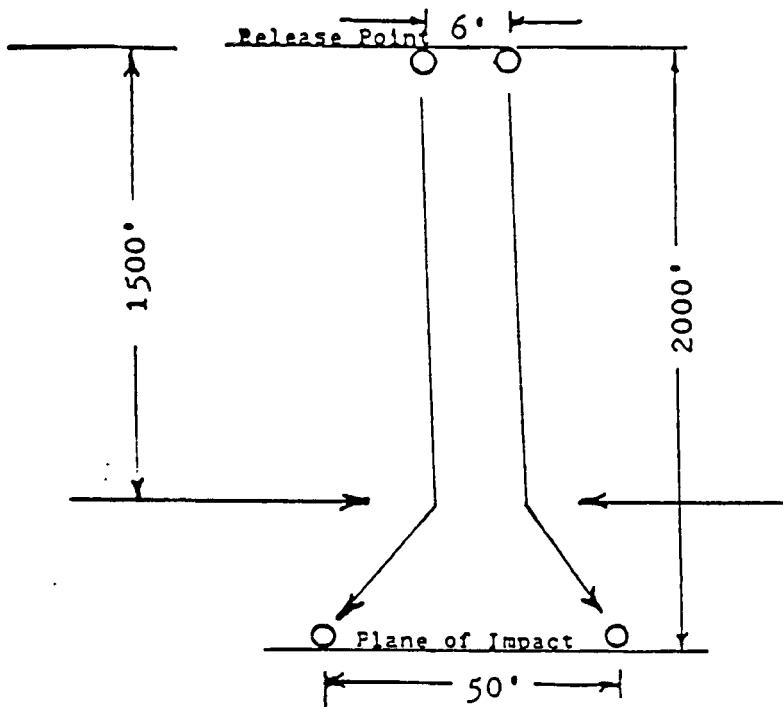


Figure One

## RESULT

The camera clearly indicated that the iron balls impacted at the same instant. Examination of the impact plane showed the balls were fifty feet apart when they impacted.

## CONCLUSION

Identical elements of equal weight and size accelerate at exactly the same rate of speed, and repel one another if dropped as individuals (ie., with ample space between them at the onset of the drop.)



## TEST TWO

Four balls of equal weight and size, but composed of different elements were dropped simultaneously.

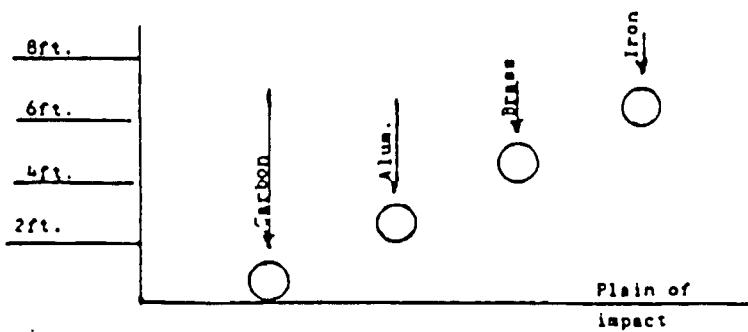


Fig.2

## RESULT

Each different element accelerated at a visibly different rate.

## CONCLUSION

Different elements accelerate at different rates when falling through a given gravitational field.



### TEST THREE

Twenty steel balls of equal weight and size were arranged in a pyramidal formation so that they were touching each other. They were then dropped simultaneously as a unit.

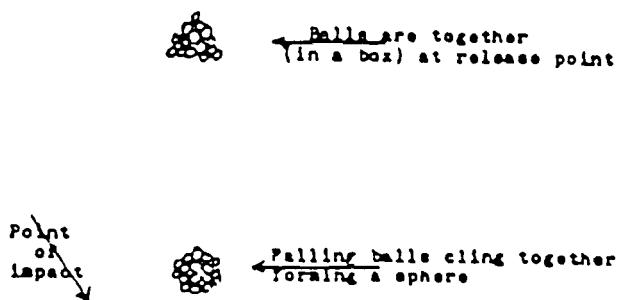


Figure 3

### RESULT

The camera shots revealed that as the balls approached the impact plane they were still a unit, but had rearranged themselves from a pyramidal formation into a spherical shape.

### CONCLUSION

Individual bodies of like elements that fall in tight formation with other like bodies will always cling together and will always rearrange themselves into a spherical formation.



## TEST FOUR

Three iron balls of equal weight and size were arranged as in figure four, six feet apart from one another, and were then dropped simultaneously.

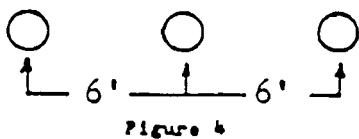


Figure 4

## RESULT

The arrangement of the balls upon impact is diagrammed in figure five..

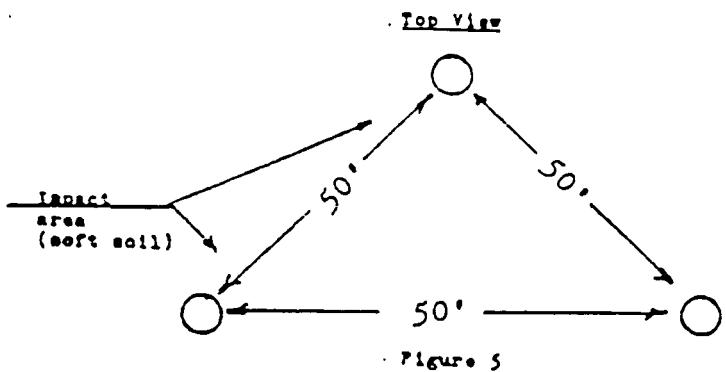


Figure 5

## CONCLUSION

Bodies of like elements that fall through a given gravitational field as individuals drift away from each other at equal rates.



## TEST FIVE

Twenty steel balls of equal weight and size were arranged and spaced one foot apart, as in figure six. The balls were then dropped simultaneously.

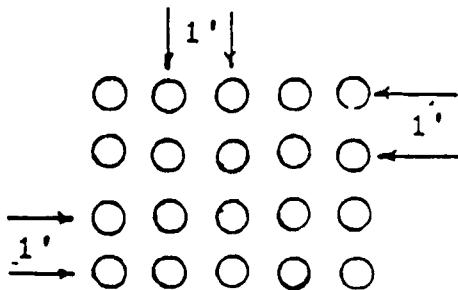


Figure 6

## RESULT

Figure seven shows the arrangement of the balls an instant before impact as captured by the camera shot.

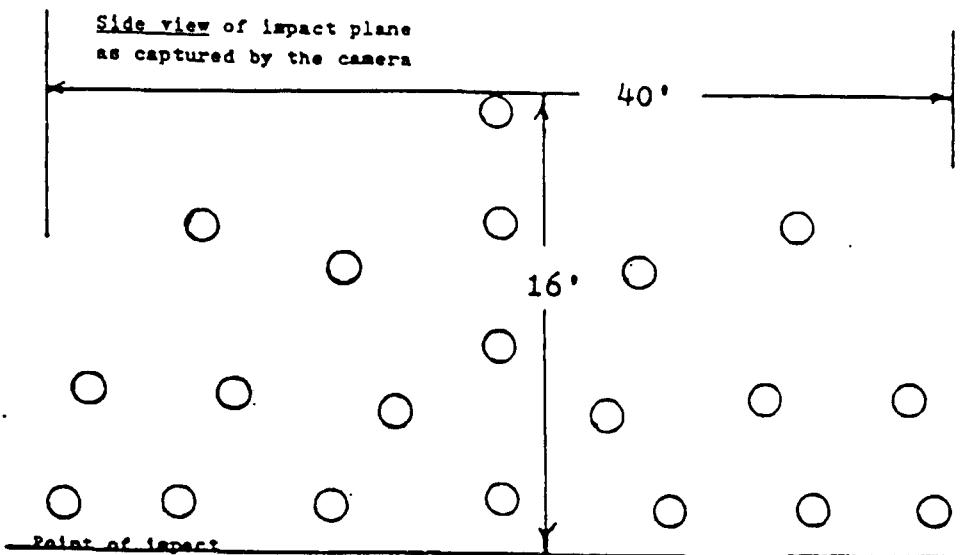


Figure 7



## TEST FIVE CONTINUED

### RESULT

Figure eight illustrates the placement of the balls from the top view upon impact.

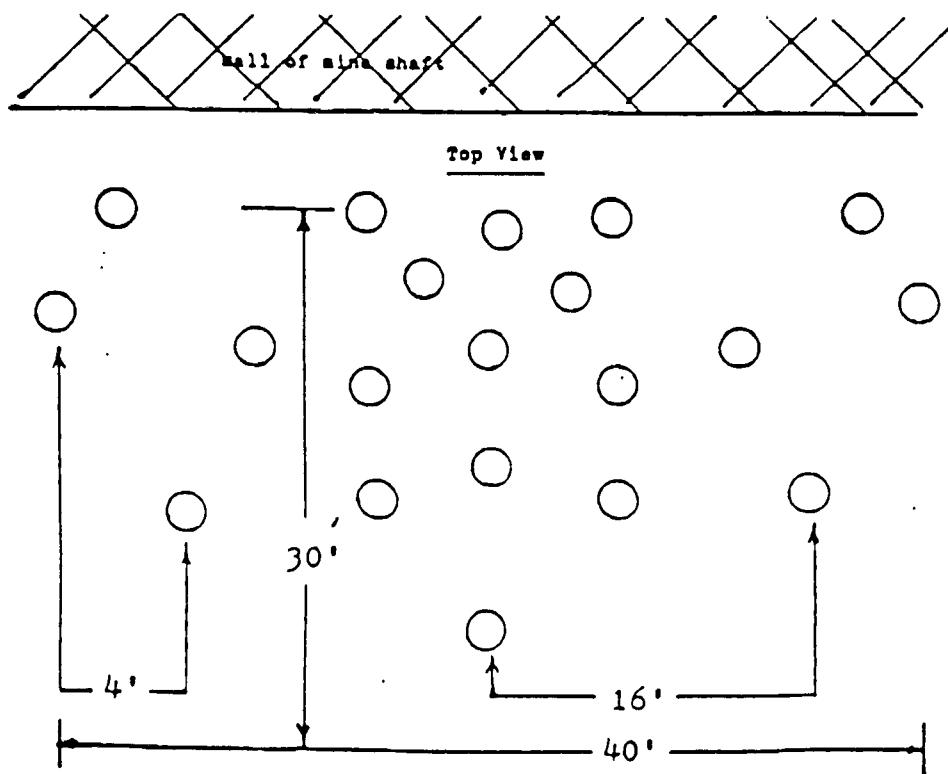


Figure 8

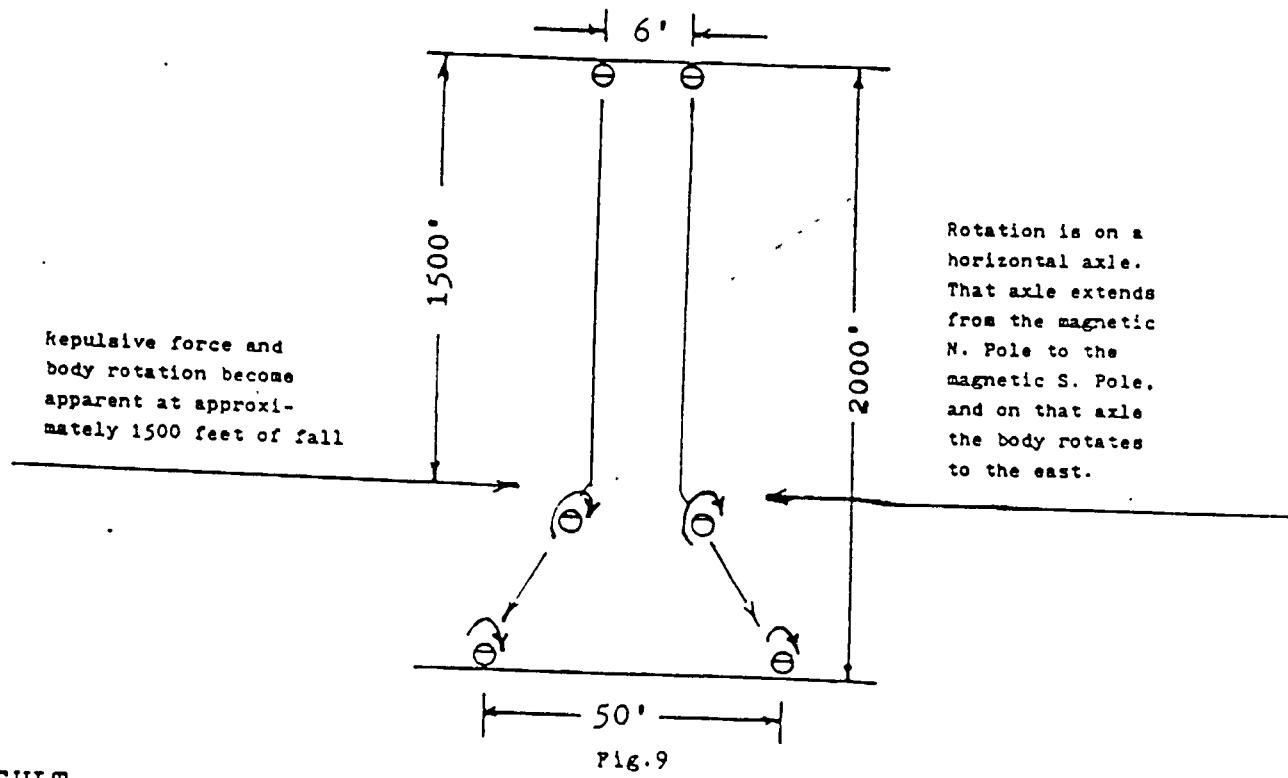
### CONCLUSION

Individual bodies that fall as a mass in loose formation drift apart on a  $360^\circ$  horizontal plane and on an  $180^\circ$  vertical plane simultaneously.



## TEST SIX

Two iron balls of equal weight and size were painted around the circumference as in figure nine. They were then placed in the drop box so that the lines were exactly horizontal, and then dropped simultaneously.



## RESULT

An instant before impact the camera image showed that the painted lines were no longer in their original position. After impact the two balls rolled away in the same direction.

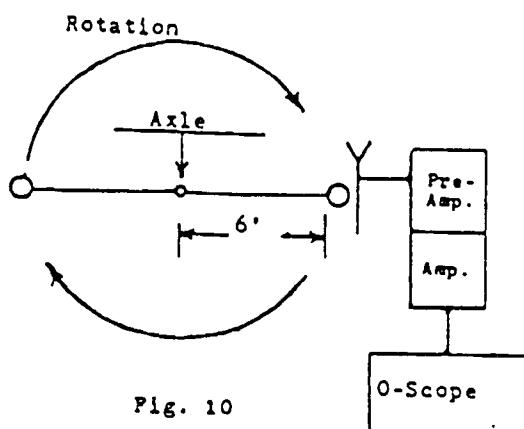
## CONCLUSION

All bodies will develop a given rotation. This is true whether one speaks of a single body, a mass of bodies in loose formation, or a mass of bodies in close formation. These rotating bodies, if dropped as individuals (apart from each other) repell one another at equal rates.



## TEST SEVEN

Iron balls of equal weight and size were suspended on six foot arms and were rotated in a clockwise direction, horizontally, around a pivot point. An antenna was placed in close tolerance to the circumference of the rotating balls. Attached to the antenna were very sensitive detection devices, which were in turn connected to an oscilloscope.



## RESULT

The oscilloscope display showed donut shaped forms which appeared at the instant a ball passed the antenna, as shown in figure eleven. The o-scope appeared to not retain any stigmatization.

Note : four single trace scopes were employed. The results shown in figure 11 were obtained by superimposing many drawings from the o-scope readings into a single illustration.

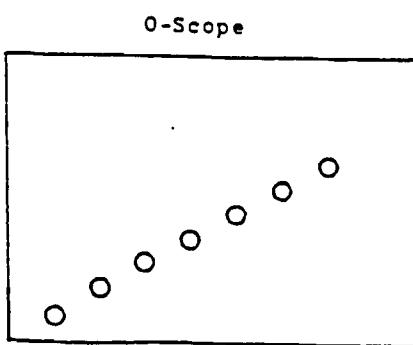


Fig. 11

## CONCLUSION

A body in motion produces a field and/or force which appears donut shaped on an oscilloscope display. This field (and/or force) has not been identified by the scientific community to date.



## TEST EIGHT

An identical apparatus to that used in test seven was constructed. The two units were placed parallel to each other and were timed so that as the arms rotated, the balls would pass within  $\frac{1}{4}$  inch of each other at point X.

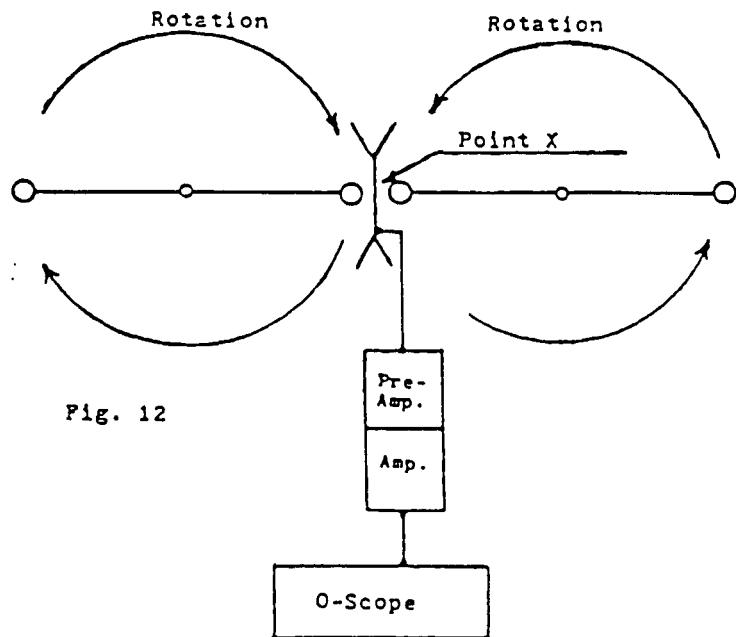


Fig. 12

## RESULT

Each time the two balls met and passed each other at point X, a tremendous thump was heard as the test stand (a six inch diameter shaft mounted in concrete) physically reacted in a violent manner.



## TEST EIGHT CONTINUED

### RESULT

As the balls approached each other in their rotation the oscilloscope showed donut shapes as in test seven. At the instant the balls were closest to each other in their rotation the oscilloscope showed sine waves. As the balls again began to move away from each other in their rotation, the donut shapes reappeared on the o-scope display, as shown in figure thirteen.

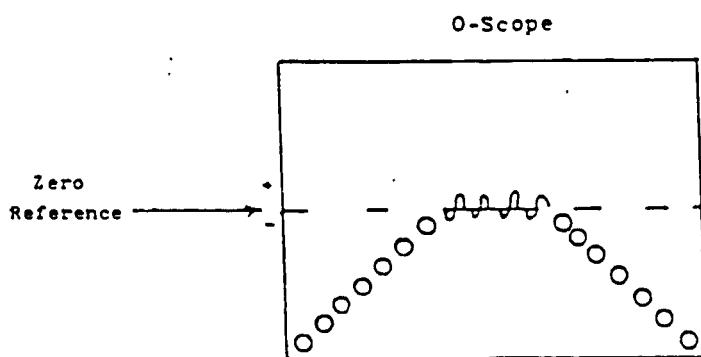


Fig.13

Note : four single trace scopes were employed. The results shown in figure 13 were obtained by superimposing many drawings from the o-scope readings into a single illustration.

### CONCLUSION

The field (and/or force) which surrounds a body in motion repels the field (and/or force) which surrounds a second body in motion. The field (and/or force) that surrounds a body in motion produces an energy which is not polarized. It appears as a bubble (donut or circle) on an oscilloscope display. When this field (and/or force) is made to collide with the field (and/or force) that surrounds a second body, the bubbles break, then unite with each other to produce polarized energy, i.e., sine waves.



NOTE :

Test eight was repeated with many variations in the effort to isolate the cause of the "thump". During the course of these tests it was found that an increase in the distance between the two balls at point x would result in a decrease in the intensity of the thump. Even in a test where the balls came no closer to one another than six inches, however, the thump continued to be a notable factor.

In other variations of this basic test, many different R.P.M.'s were employed. It was found that the thumping increased progressively as the R.P.M. was increased. It was then discovered that the intensity of the thumping became progressive at the rate of velocity squared, and that with an increase of the distance between the balls at point x the thumping decreased at the rate of distance squared.

COMMENT :

All of the tests and results presented in this section were run numerous times and under varying conditions, and the results are correct and reproducible. This means that Galileo's work with falling bodies - the cornerstone of physics - is faulty. Newton based his work on that of Galileo, as Einstein and those who've followed him have built on Newton<sup>(1)</sup>. The inescapable conclusion is that "if" Galileo's laws are flawed, then the technologies upon which the societies of planet earth have become dependent are based on faulty theory. As a first step toward correcting this situation these tests must be reproduced and a public debate initiated.



## Zirbes Enterprises

### INTRODUCTION TO THEORY

Our purpose here is not to write a text book on physics, but rather to present this theory in its simplest form, so it may be understood by layman and physicist alike. We will make no attempt to appease the scientific community in this presentation, as we know from long experience that they will reject the evidence of their own eyes, if that evidence should challenge what they have accepted as physical "law". In other words then, this paper will simply explain what is happening in our physical world and why. All of the mathematical calculations that go with the theory will be left for another, more appropriate time.

We will begin this discussion by stating that the force which unifies all things is motion, for without motion there is nothing, and we will then show the dynamics of a body in motion (falling body). From there we will enter into brief discussions on energy to mass conversion, mass to energy conversion, anti-matter, and will summarize with a short explanation of the equation which unifies all things, i.e., mass, energy, and forces.

It is not an easy task to relearn physics, we know, but this theory has been tested and is correct, so it is well worth the effort to study this material carefully. If what is being said is comprehended, the reader should be able to begin to apply the information to the earth in general, and to what is happening to the ionosphere in particular. Once atomic structure has been explained, the reader will also begin to see how, using technologies based on correct physics, we can repair the damage and place this planet back into its proper balance - if we work together.



## UNITY OF ALL THINGS

### THEORY

We have already stated that motion is the catalyst by which all else exists. For this reason we refer to motion as the creative force. We will now further state that the four forces that have been identified by the scientific community are in reality one force in four of its different actions. This force manifests itself in different actions based on predictable conditions and its stage in a repetitious, wonderfully simple cycle called nature. Currently, due to the work of Fischbach and Aronson, the scientific community is speculating that perhaps all bodies do not accelerate at the same rate, but instead of backing up and questioning existing "law", these scientists are now busy hypothesizing that there is yet another force, which they have tentatively named hypercharge. We know this is not correct ! What they have stumbled upon is in fact no more than the unified force displaying its repulsive action. Our generic term for the unified force is neutral energy, and we will now attempt to show how it manifests itself in the physical world.

### Falling Bodies

For the purposes of this paper, the term falling body is defined as any body which moves, or "falls" through a gravitational field. This includes all sub-atomic particles, solar systems, galaxies, universes, universal vortexes, and yet greater expanses. As indicated in our tests and illustrated below, a falling body produces about itself a force of extracted energy.

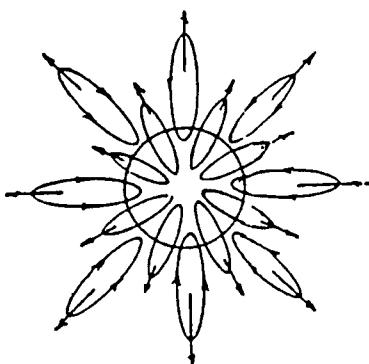


fig. 14



This extracted energy attempts to return to the body it's been extracted from. As shown in figure 14, this cycle produces a force around the body. The result is a gravitational field which will be felt as an attracting force by anything which exists within that field. As the arrows indicate, however, any body or thing which exists outside of this field will be pushed away (or repulsed) from the body. It must be understood - that which is generically referred to as gravity is not always an attracting force.

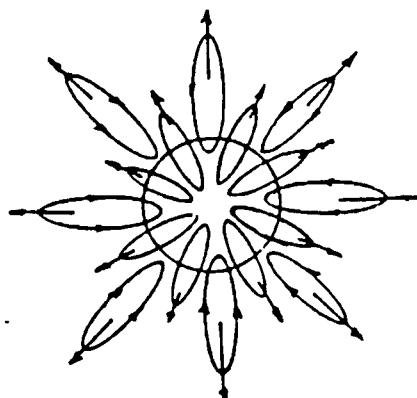


fig. 14

The major line of extraction of energy from a falling body is at the leading edge of the fall of that body, as illustrated in figure 15.

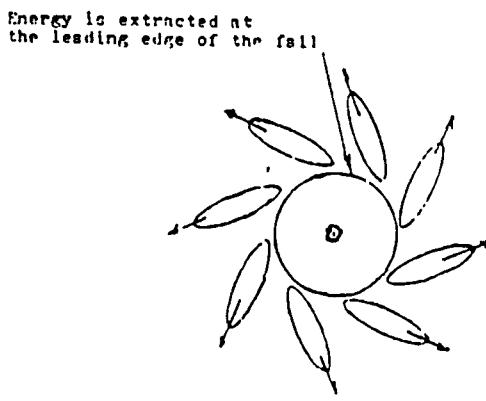


fig. 15



As has been indicated, the extracted energy attempts to return to the body it's been extracted from, however, motion at the rate of velocity squared will not allow this energy to return to the body. This pressure or "pull" is felt by the body, causing it to rotate in the direction of the energy extraction, as shown below.

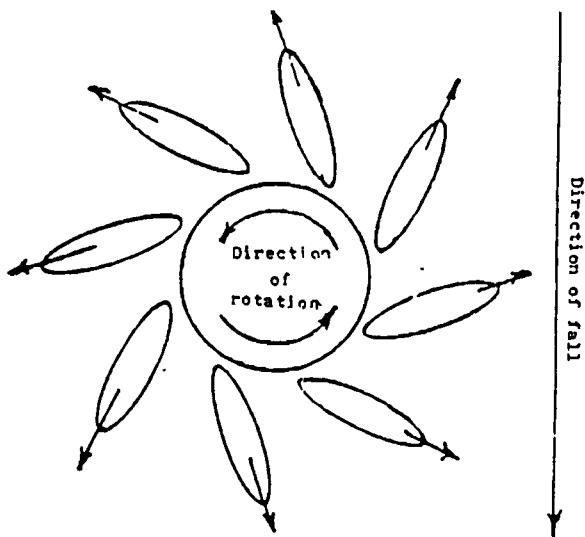


Fig. 14

Size, velocity, composition of the body, and the value of the gravitational field the body falls through are all major factors in the rate of the rotation, for instance, the larger the body, the faster the rotation, and the greater the velocity of the body the faster it will rotate. Also, a falling body composed of steel will rotate faster than an equal sized body of carbon, the reasons for which will be discussed in greater depth in the segment on atomic structure.



As previously explained, the energy extracted from a falling body at all times attempts to return to the body, which in turn produces a gravitational field. Therefore, any and all bodies which come into contact with the force of the falling body in question will be and are attracted to the body as seen below.

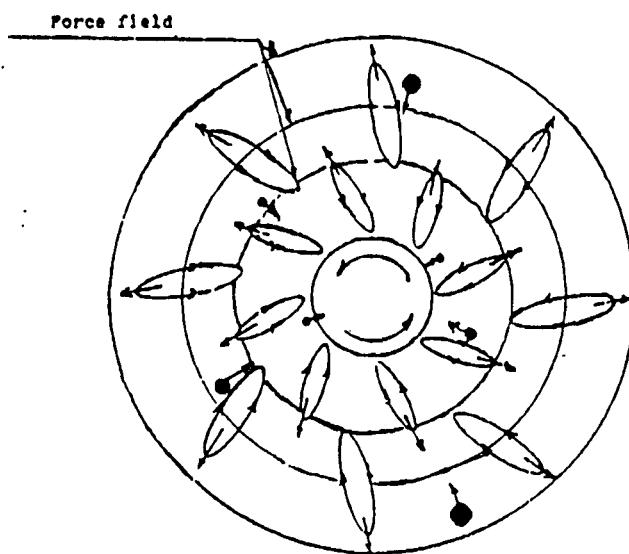


fig. 17

Keep in mind that these smaller bodies are also falling bodies and so have produced their own fields of extracted energy. This means that even as these bodies are attracted to the larger body in whose field they exist, they are simultaneously repulsed from that body, due to the repulsive action of their own field. This interaction between the attractive and repulsive actions of the fields of both bodies will reach an equilibrium point which is commonly known as an orbit.



The energy that's been extracted from the leading edge of a falling body presents an energy void to the body. This energy void is filled by an input of energy  $90^\circ$  from the leading edge of the falling body, as illustrated in fig. 18.

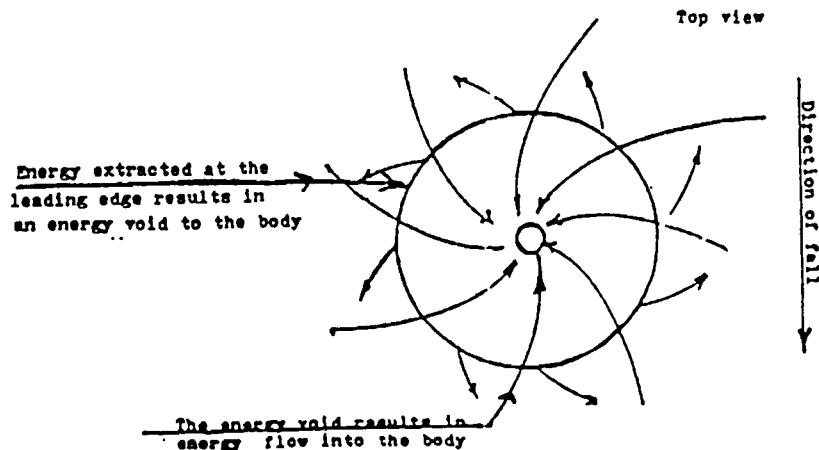
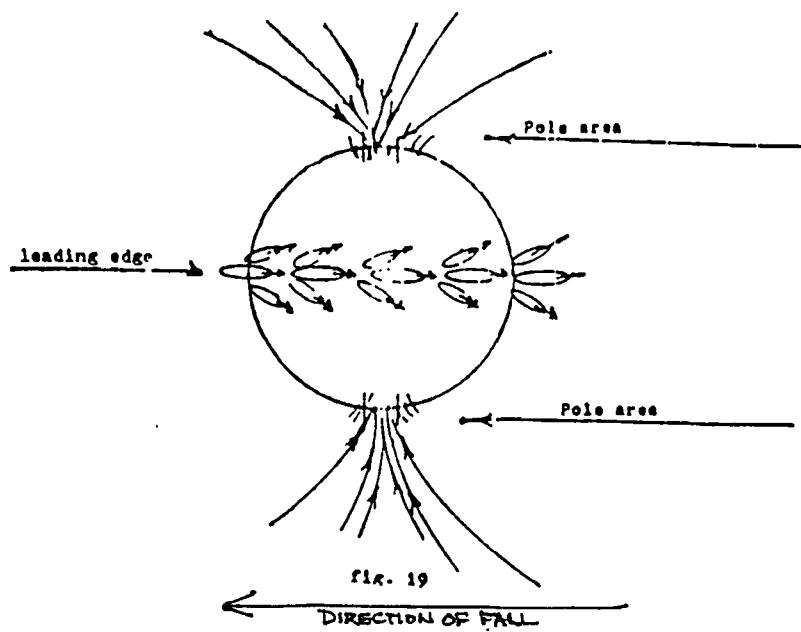


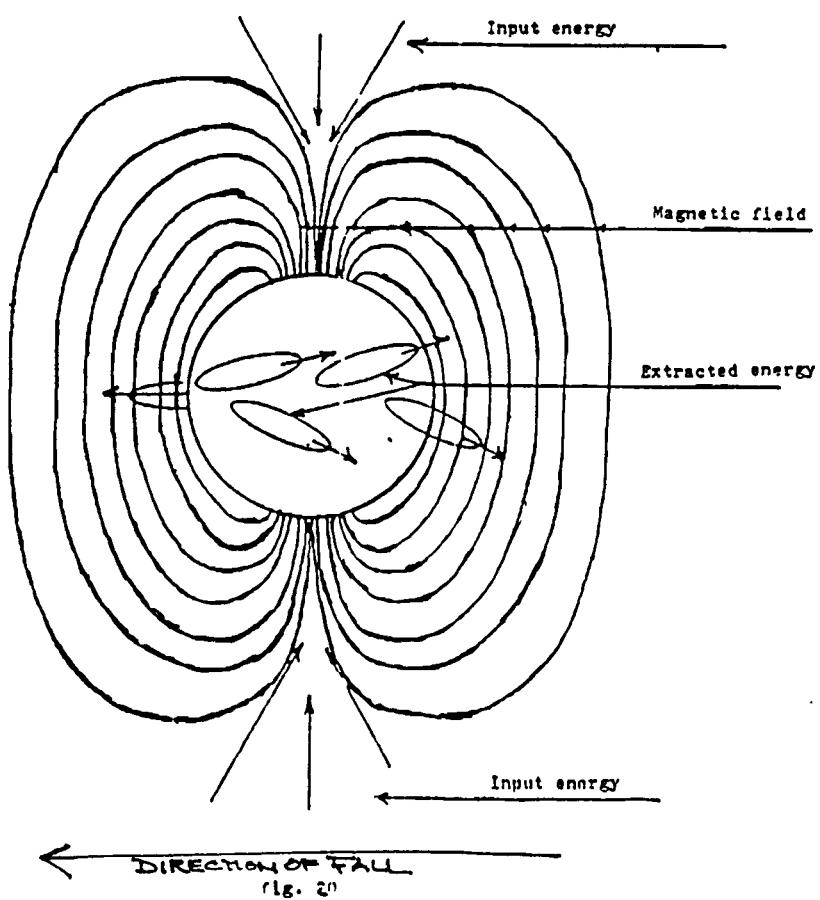
fig. 18

This input energy taken in at the point of rotation ( $90^\circ$  from the leading edge) is what is seen as the magnetic poles, indicated below.





The energy flow into the poles, combined with the extraction of energy at the leading edge of the fall, produces an energy flow which results in a magnetic field, as seen in figure 20.





A group of bodies which were in formation before the onset of their fall will produce the same results as a single falling body, with a few exceptions. As shown in test three, when multiple bodies fall as a unit, they group themselves into a spherical formation. Having done this, they will produce the same extracted force as does a single body, shown below.

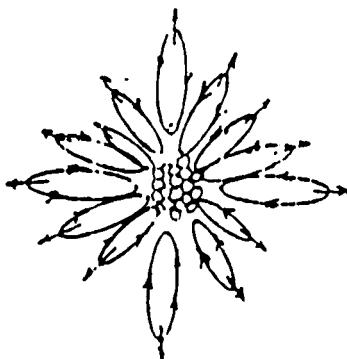


Fig. 21

At the same time, each individual body within this formation develops its own rotation, the rate of which depends upon the body's individual size and the velocity of the mass as a whole.

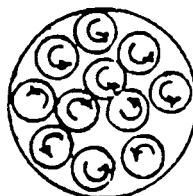


Fig. 22

As seen above, although these bodies combine their energies and rotate as a single body, each individual still obeys the laws of falling bodies as well, and so creates and maintains its own field, which repulses the fields of the other bodies. This repulsive action results in "space" between the bodies. It should also be noted that such a grouping of bodies falling in tight formation will continuously exchange pole positions, i.e., the north pole becomes the south pole and vice versa.



Stated in simple terms, a falling body is an energy exchanger, or in other words, is a transducer. The energy extracted at the leading edge of the fall is consistently the same value - the same-sized bubble. Even so, the poles will accept any energy which may be available, be it neutral energy (bubbles) or polarized energy. The interior of a falling body is quite comparable to a variable resistor. The value of resistance is inversely proportional to the velocity of the body at the rate of velocity squared. To repeat : resistance goes down as the velocity is increased. This is illustrated in figure 23.

$$R \propto \frac{1}{V^2}$$

A falling body is  
a transducer

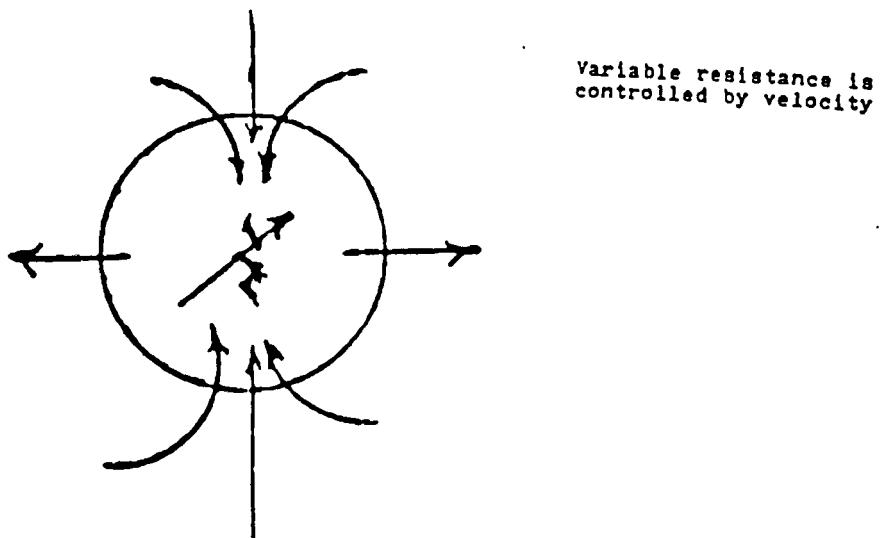


fig. 23



## Energy to Mass Conversion

As indicated, a falling body is a transducer and all bodies are falling. Every body has a value of internal resistance which is inversely proportional to velocity. When a body obtains a velocity of .9 times the speed of light, the internal resistance becomes a negligible factor. The body now accepts greater amounts of energy than it can radiate. This surplus energy now becomes very compact, and the minute bubbles of energy begin to pack together, as shown in figure 24.

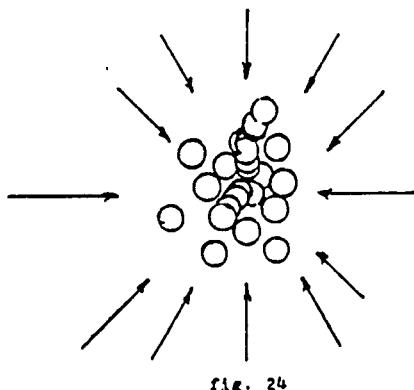


fig. 24

As a result of this compression of bubbles, a particle of mass is formed. Mass is therefore no more than solidified energy. The compression of bubbles illustrated in figure 24 results in a particle, shown below.

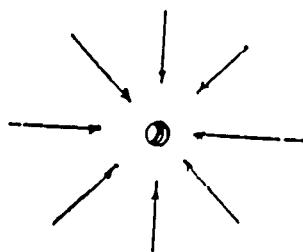


fig. 25

Should a falling body maintain a velocity of between 167,000 and 186,000 miles per second, the conversion from energy to mass would be infinite.



## Mass To Energy Conversion

As a body obtains the velocity of light, the internal resistance becomes zero. Energy continues to be extracted from the body at an accelerated rate. The velocity of the body is equal to, or greater than the velocity of energy. This means energy cannot overtake (or "catch up with") and enter the body. The great pressure (potential) extracts all the energy from the body. The subatomic particles begin to "shed" their outermost shells (i.e., bubbles), and this process will continue until no particle remains. All that does remain is a vortex of pure (neutral) energy. The conversion of mass to energy is progressive at the rate of the velocity of light squared.

### DENSITY OF MASS

The density of a given element is directly related to the motion of that mass. A falling body is a transducer, the energy exchange of that transducer is limited by the internal resistance of that body. The value of that resistance is inversely proportional to the velocity of the body. Therefore, as the velocity of motion decreases, the internal resistance increases, and results in a zero value of energy flow. The body now becomes dormant and lies completely condensed - there exists no space, and no life. The force that will give this body life is motion. Should our entire solar system obtain a velocity of zero, it would probably fit into a quart jar.



## SUB-ATOMIC PARTICLES

Minute bubbles of energy, which we call neutral energy, are the building blocks of solid particles. As long as this energy (bubbles) remains at or above the velocity of light, the bubbles remain unattached and independent, however, when the leading edge begins to slow, the trailing bubbles begin to collide with the slowed bubbles. This causes the bubbles to pile up and compact, i.e., some bubbles encase other bubbles, as illustrated in figure 26.

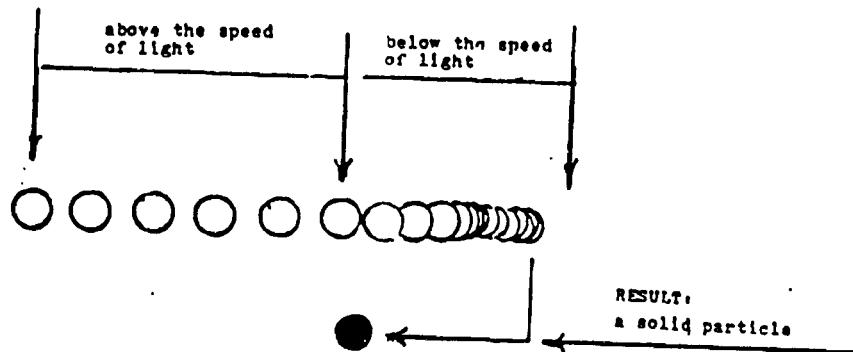


fig. 26

We therefore state that mass is but solidified energy. Sub-atomic particles vary greatly in size, but they are all created by nature in the same manner, and with the exception of size, weight, and configuration, they are identical. The scientific community speaks of different particles having different charges, but this is a mis-perception, or more precisely, a problem of mis-identification. There are very simple, logical reasons why that which is called an electron has a negative charge, while that which is called a proton has a positive charge, etc., but the explanation is beyond the scope of this paper, and will be discussed in depth in the segment dealing with atomic structure.



## Anti-Matter

The universe in which we exist is falling in a given direction. The velocity of that fall is unknown except for relative motion, however, should the opposite direction be taken, at exactly the same velocity, the true velocity would then be zero. At absolute zero velocity energy becomes a zero factor, so that  $v = E$ , thereby, zero velocity equals zero energy. Mass will respond in a like manner - once again, velocity determines the value of energy contained in mass. With a zero value of energy, mass becomes very condensed.

We will now add value to the zero velocity and say that our motion is now in the reciprocal direction. With an increase in velocity, energy is once more generated. Energy (due to motion) is now available, and the dense, compacted particles expand. The bodies are once again transducers, however, everything is reversed - energy is now being radiated from the former poles, while the plane of the leading edge of the fall accepts energy. The falling body is now a negative ion, and particles which orbit this falling body are charged in a positive direction. This universe (or galaxy, solar system, atom, etc.) at this point is what we can call anti-matter.

As the velocity increases to and beyond the speed of light, we once again convert the mass to energy, and that energy is neutral - neutral, that is, in respect to itself. All that remains of that mass is a spiraling vortex of pure energy. More will be explained on this subject when we discuss the birth of a universe.



## REVIEW OF FALLING BODIES

As we cross the threshold between falling bodies in general to atomic structure in particular, it is imperative the reader fully understands several major points. As stated in segment two (falling bodies) all bodies are in motion (i.e., falling), and all bodies fall through a given gravitational field. In the case of the Milky Way galaxy, the primary gravitational field is that of our universe. For planet Earth, the primary gravitational field is that of our sun. For our moon, the primary gravitational field through which it falls is that of planet Earth (and so on). All bodies are attracted to the center of the primary gravitational field through which they fall.

We've also previously explained that as a body falls it "radiates" a force of extracted energy along the leading edge of its fall, which causes the body to rotate in the direction of the extraction. This extracted energy is radiated in the form of bubbles, and the size of the bubble is relative to the size of the body from which it's been extracted. This extracted energy attempts to return to the body it's been extracted from, and in so doing creates the force generically termed gravity. This gravity offers a repulsive force to the gravitational field the body is falling through.

All falling bodies are encased in an elongated shell which may also be seen as a bubble. This bubble represents the outermost reaches of the extracted energy, as illustrated in figure 27.

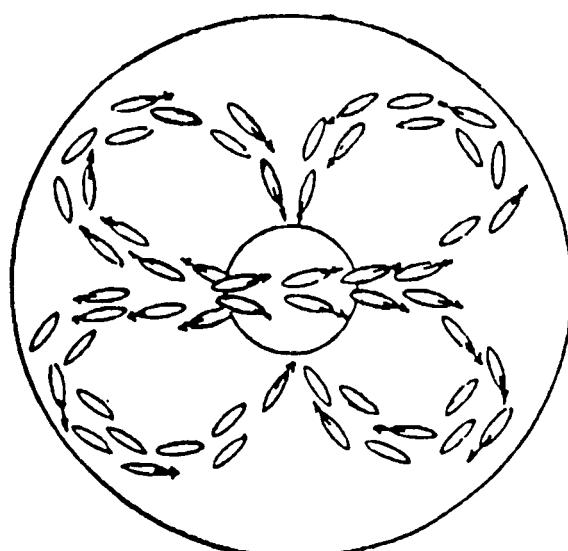


figure 27



As can be seen, a particle or a body existing within that bubble is also a falling body. As shown in figure 28, falling body A produces field A, which attracts (pulls) body B towards body A.

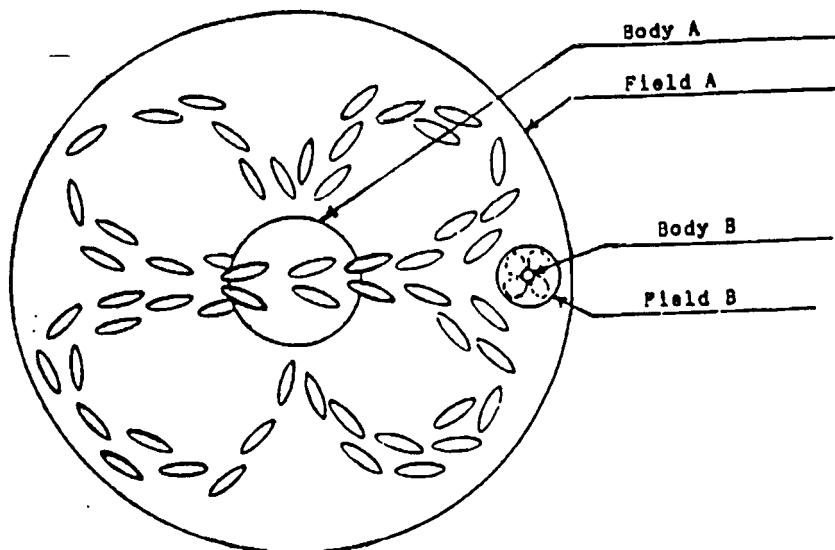


figure 28

As this attraction is taking place, the field produced by body B repels the field of body A. The interaction between this attraction and repulsion of fields results in the orbit of body B around body A.

To summarize then : the field which surrounds a falling body takes the form of an elongated bubble, and for any particle or body which exists within, or is forced into this bubble, the area of this bubble becomes its primary gravitational field. A falling body is always attracted to the center of the primary gravitational field through which it falls. At the same time, the force of extracted energy produced by the falling body is always repelled from the gravitational field through which it falls. An equilibrium is reached which constitutes an orbit. If the reader can understand these basic concepts, all else can be easily comprehended. Nature is not complex, unless we choose to make it so.



## ATOMIC STRUCTURE

We will begin this discussion of atomic structure by considering what constitutes an electrical charge. If we observed a balanced atom we would find it had no charge, yet if we removed particles (electrons) from that balanced atom it would result in that atom now having a positive charge. If we were instead to add electrons to that balanced atom, it would result in that atom now showing a negative charge. Therefore, an electrical charge (negative or positive) is the result of adding or subtracting particles from an atom. Since all falling bodies follow the same laws of nature (be that body sub-atomic, atomic, universal, or anything in between) it is clear that a single particle cannot carry an electrical charge. When members of the scientific community extract so called particles with the aid of their accelerators and confidently proclaim these "particles" to be either negative, positive, or neutral in value, they have either confused their terminology, or have confused the issue, we're not sure which, but regardless, the fact remains that these charged "particles" are in reality systems of particles. If they weren't, they wouldn't be capable of carrying any charge whatever. Basic high school science courses teach that an electron is a very small particle which has a negative charge, but this is incorrect. What is perceived as an electron is actually a system of particles. It is perceived as carrying a negative charge due to its very small size relative to the nucleus it orbits. The bubble of extracted energy which surrounds an electron system is smaller than the bubble generated by the atomic nucleus, and so can be said to be negative in respect to the nucleus.

The same proves true when dealing with "particles" from the nucleus of an atom. For example, scientists "smash" a nucleus and excitedly announce they've found mesons, which are supposedly particles similar to an electron except that they can carry negative, positive, or neutral charges, and are various sizes. Again, what they have found are not single particles, but are systems of particles. To our knowledge, science has yet to identify a single particle, and who could say if anyone would recognize it even if they did find one.

Unity dictates that all bodies and systems follow the same basic rules, and so the arrangement and inner workings of sub-atomic systems can be compared to the falling body of our solar system. Our purpose is always to allow the reader to gain an understanding of physical law, so for the sake of clarity we will draw analogies between sub-atomic systems and our solar system, and will now focus attention on a simple electron system, which is comparable to the planet Mercury.



When looking at Mercury we see its rotation and orbit are very fast compared to the more distant planets. Orbiting Mercury are small chunks of debris which are too small to be classified as moons per se, however, they perform the same function and serve to balance the system. A simple electron system behaves in much the same way in that its orbit and rotation are faster than more distant electron systems, while its size and the sizes of its orbiting bodies are also smaller than more distant electron systems. It must be remembered that each system of particles, no matter how simple or complex, produces a force of extracted energy that creates a gravitational field (bubble) which draws all particles (bodies) within its field toward its center. At the same time, the orbiting particles (bodies) generate their own fields (bubbles) which in turn repels the primary gravitational field through which they fall. A simple electron system is illustrated in figure 29.

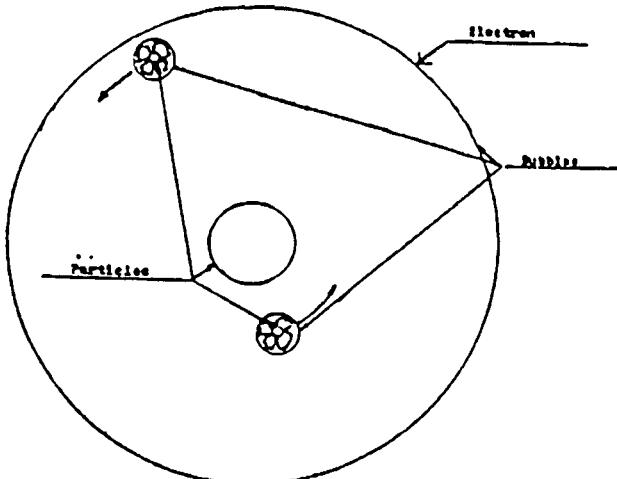


Figure 29

We could break this simple system down yet further, but at this time it would likely just cause confusion to the reader unnecessarily. For now it is enough to understand that the entire system is a series of bodies all generating their own gravitational fields, which are in turn encompassed by the larger field of the central body (or bodies). The simple electron is stable, has a fast, close orbit around the atomic nucleus, and is relatively small as compared to other electron systems. It should also be noted at this time that the outermost shell of the bubble generated by the central body (which we call a "mew"), will be repulsed from any similar system which would draw near to it. It is this repulsive action which prevents all matter from collapsing in on itself.



A complex electron system could be likened to the planet Jupiter with its many moons. A complex electron system, as shown in figure 30, is slower in both its rotation and its orbit as compared with a simple electron system, and will be found in the outermost orbits of the atom. Regardless of these differences, however, it operates on the same principles of attraction/repulsion as does a simple electron system, or any other system.

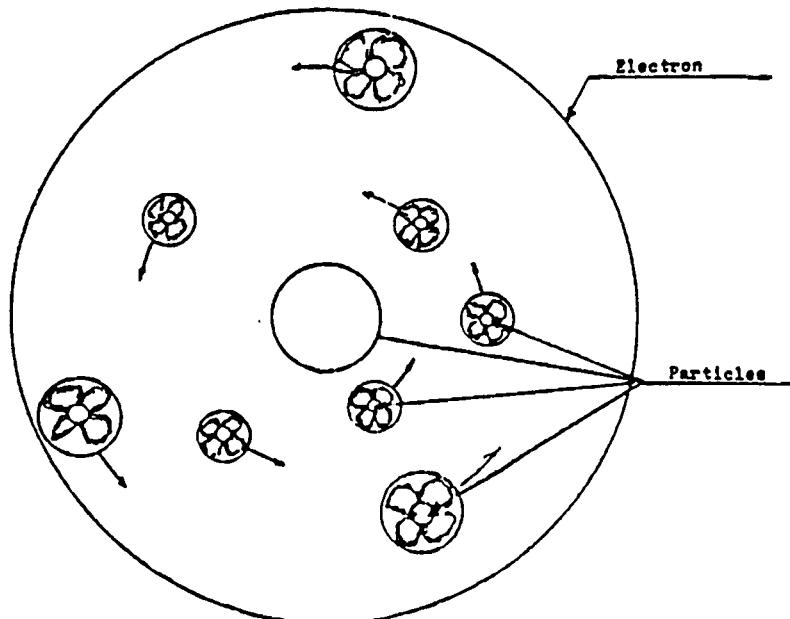


figure 30

We haven't undertaken to name any of these particles, as it would be a vain exercise. The particles found in an electron system are the same type of bodies found in neutrons and protons, as will be seen in the next section. They differ in size and in their orbits, as do the planets in our solar system, but they all maintain their orbits due to the same interaction between the attraction/repulsion of their respective gravitational fields.



## THE NUCLEUS

In its simplest form the average electron consists of 81 bodies (particles) while the average proton or neutron contains 22,000 bodies (particles). Each proton or neutron contain their own nucleus, and the bodies which orbit this nucleus are systems of particles, i.e., complete (but very small) electron systems. In turn, each nucleus of a proton or a neutron also consists of many systems of particles. The systems of the nucleus will become more clear when we begin our discussion of our solar system nucleus, the sun. Since its very difficult to diagram such a complex system without computer aid, we ask that the reader visualize our solar system as one large proton (or neutron), and let the sun serve as a model for the proton nucleus. Don't let this seeming contradiction confuse you - the proton nucleus is not a single body and neither is the sun, rather, it is a multi-bodied system, but more of that later on. Orbiting the proton in the same way as the planets orbit the sun are systems of bodies - some simple as the systems of the minor planets, and some more complex, as are the systems of the major planets (Jupiter, Saturn, etc.). It must be remembered that orbiting around all of the moons of the planets, especially those of the major planets, are chunks of debris which in turn balance each moon into separate balanced systems, and orbiting these chunks of debris are rocks and smaller pieces of debris which in turn balance these mini systems, and so on. This is admittedly a very sketchy description of a proton (neutron), but all of the systems in nature are so very repetitious that there seems to be little point in weighing down this paper and risking boring the reader with constant repetitions. Suffice it to say that if the reader can in their mind visualize systems of particles orbiting larger systems, which in turn orbit yet larger systems (and so on and so on) all orbiting a central nucleus which is but another system of systems, they will have a fair understanding of the structure of the "simple" proton (or neutron). All of these systems exist and are in motion, undetected, within the gravitational field of the proton/neutron.

As we have already strongly implied, the structure of a neutron is identical to that of a proton except for the presence of one major system of particles. As discussed earlier, an electrical charge is created by either adding or subtracting particles from an atom, and the same is true for the mini-atoms which are called protons and neutrons. The neutron is analogous to a balanced atom, and is neutral in value. The proton carries a positive charge because it is missing a system of particles which would allow it to balance. On the outer-



most edge of the bubble (ie., the mew) which surrounds the neutron orbits a relatively large, slow moving system of particles which serve to balance the neutron, allowing it a neutral charge. This system, which we refer to as the jipsee system, not only determines whether a nucleus system will be a neutron or a proton, but is also largely responsible for the structuring of an atom. The jipsee is able to pass readily from a neutron to a proton due to its low velocity and distant orbit and it does so regularly, in an attempt to electrically neutralize (balance) a proton system. When it moves from a neutron to a proton it succeeds in balancing the proton system by "changing" it into a neutron system, but in the process leaves its former system with a lack of balance and a positive charge. It is the continuous cycle of the jipsee which tends to hold the proton and neutron systems together in the atomic nucleus, and indeed, it is the counterpart of this jipsee system which, on a larger scale, holds the key to the creation of elements, but a detailed explanation of this is beyond the scope of this paper and will be dealt with in the future.

In continuing the discussion of the sub-atomic realm we would point out that all systems within an atom (and all atoms) display an isotopic effect, however, the instability varies with each system - some exhibit a strong isotopic effect while in other systems it is hardly detectable - ie., the lack of stability is a matter of degree. The highly isotopic system stabilizes itself by inner-facing with other isotopic systems. It is the jipsee system which once again travels from system to system attempting to create a balance. In extremely unstable systems the jipsee is in constant and rapid interchange, and it is this continuous and rapid movement of the jipsee between other systems which holds the various systems together as a unit. For clarity, always bear in mind that these jipsies can be any size, and so perform their balancing act on every level - from the smallest possible sub-atomic system to the galactic level systems.

The sub-atomic/atomic jipsee system has another interesting effect when we consider a true wanderer, ie., a non-alligned system not in orbit around a larger system of bodies. It is a stable system, and could be visualized as a autonomous micro-atom - it is truly a free agent. Like all falling bodies it is in motion at a given velocity, and has an energy exchange which determines pole values. When, in its travels it encounters a slower moving system (or group of systems) the interaction between the pole placements of the respective systems, coupled with the interaction of the attractive/repulsive forces of the jipsee system and system x, can and often does affect the degree of tilt



experienced by the bodies and/or systems functioning within the jipsee and/or system x. Depending upon the exact circumstances of the encounter (ie., the respective sizes, velocities, direction of motion, pole positions, etc., etc.,) the result could range from a mild shock to one or both systems, to a major upheaval of both systems - there are literally thousands of possible scenarios. These free agent jipsee systems have their counterpart on the galactic level, so we will explore some of the possible scenarios more fully in the supplement dealing with the workings of the sun and the solar system, which will follow in the near future. In this discussion, however, without the aid of computer graphics, there is little point in attempting to illustrate the "average" encounter at the atomic/sub-atomic level. Indeed, though the many actions of this particular system of particles are fascinating in the vital functions they perform, we included it in this highly condensed paper primarily to introduce the reader to the concept, and because it is important to the discussion of why some elements can be magnetized while others cannot, and why some elements are radio-active.

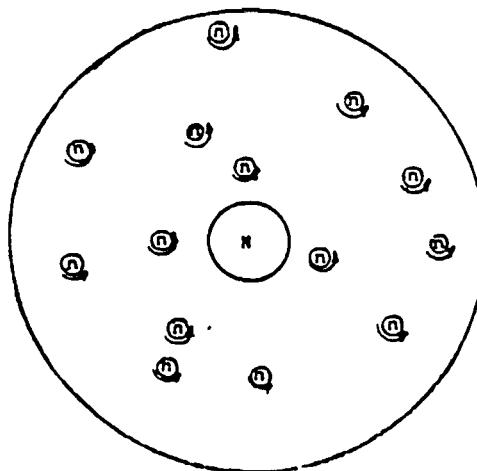
A brief sketch is all the explanation this paper will allow, but even this should allow the reader to begin to visualize the actions of the jipsee in the sub-atomic world. Once a foundation of logic is established, our elaboration on the subject in a supplement to follow will be more quickly and easily comprehended.

We'll begin with a short explanation of radio-activity, which is not caused by the weak nuclear force - that enigmatic force which no one can seem to define. Rather, it is caused by the actions of the jipsee systems, which in their never ending effort to create balanced systems, actually throw out particles from highly unstable systems. This free agent, the jipsee, moves around the systems of the unstable atom, and repulses unstable systems with such a force that the atom is perceived to be "shedding" its systems. In fact, the actions of the jipsee in this high velocity atom are so energetic that it in effect tosses these systems out of the gravitational field of the atom. Any system or system of systems (atoms) can be made radio-active if their functions and normal balances are disrupted. Once a disruption has occurred, the jipsee systems quickly begin to throw out the chaotic systems, and the atom is now potentially lethal - because it is emitting the very same particles and systems which are released through the walls of the containment vessels. For the time being, this abbreviated explanation will have to suffice.



Now we will briefly discuss magnetism, and will consider the element iron. Due to the great strength of the repulsive forces generated by the many systems within an atom of iron, it is unaffected by the jipsee systems, and in fact this is a case where it is the jipsee system only which experiences disruptions and upheavals in the close encounter. Because of this strong repulsive force (the many reasons for which will be explained in detail in the future) and the relatively unique, symmetrical arrangement of the systems contained in all iron atoms, and the resulting symmetry of the atoms themselves, a current passing through the atom will experience an additive effect. The arrangement of some of the systems in a hypothetical atom of iron are illustrated in figure 31.

Pole positions - top view



Pole positions - side view

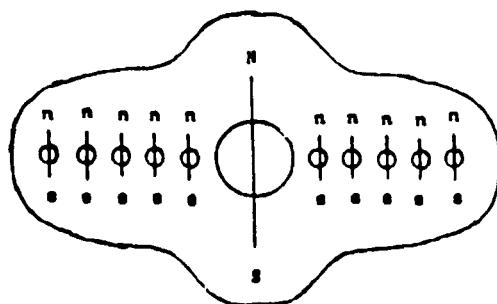
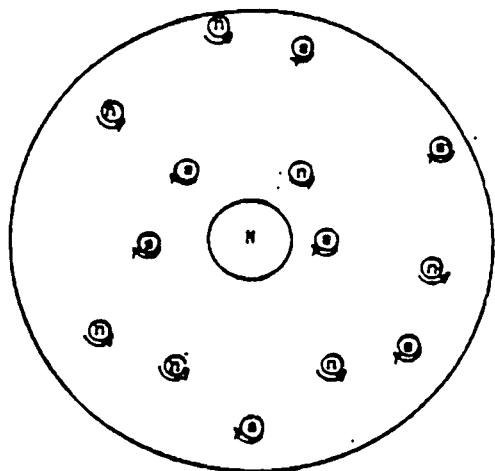


figure 31  
Atom of Iron



In an element such as gold, the repulsive forces of the various systems within the atom are relatively weak (as compared to iron) and so the jipsee systems have a great effect on these systems, and regularly alter their degree of tilt as they encounter these systems in their travels. A hypothetical and greatly simplified atom of gold is illustrated below.

Pole positions - top view



Pole positions - side view

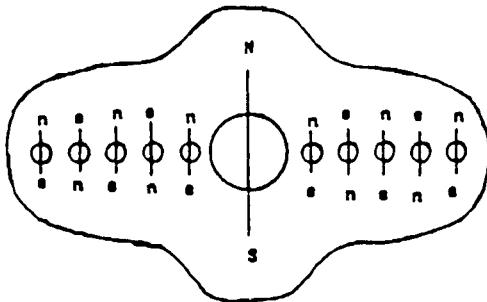


figure 12

Atom of Gold

When a current is introduced to the element iron, all of the systems "flip" over, but as can be seen in figure 31, they will still be arranged symmetrically in respect to each other, and so an additive effect is experienced. When the systems in the element gold "flip", however, they remain, in effect, asymmetrical in respect to the other systems within that atom of gold, and so do not experience the additive effect when current is applied. We could go into very fine details on this subject, but it is the consensus of our research team that this is not the most vital subject matter at this time. In fact, with the severe problems faced by our planet and its inhabitants today, magnetism seems almost trivial, and so will be expanded on in the future, after the more vital subjects have been fully addressed.



## SUMMARY

Particle physicists detect only the bubble of the electron system and believe it to be a single particle, but in fact, a single complex electron system contains eighty-one single particles, and so it's easy to see why our modern physicists are in constant and confused disagreement with each other. This confusion among the scientific community is perhaps the most difficult problem we've had to overcome in formulating unity. A classic example of this confusion is the application of the mechanics of quantum physics, wherein an electron traveling at a velocity beyond the speed of light is seen as a photon of energy and is called a Beta-ray. Other areas of applied theoretical mathematics view the electron as a solid particle. This is confusing because both applications are correct, but they have attached different names to the same unit. Just trying to sort out this type of jumbled terminology so that we could evaluate their test results was a momentous task, but when we did, it became very clear that they were dealing with the same unit at different velocities. Apply the equation  $G = MV^2$  and you will quickly see that an electron system traveling at the velocity of light or beyond becomes what is seen as a photon, while an electron system traveling at velocities less than that of light becomes what is seen as a solid particle. The unity equation is valid for all bodies, and it's not complex, once we recognize that there is much confusion in the current community of scientists. We must rely on the facts, and forget all of this fancy guesswork before we "guess" our way into oblivion.



## CONSEQUENCES OF NUCLEAR ENERGY

As explained earlier, the energies generated by a body in motion are extracted in the form of bubbles of energy which are neutral in respect to the other bubbles extracted from the same body, however, the size of the bubbles are directly proportional to the size of the body from which they've been extracted. This means that larger bodies produce larger bubbles, and so we can place values on these bubbles and say that some bubbles are negative in respect to bubbles produced by other bodies, ie., they are smaller. By the same method we can say that some bubbles are positive in respect to bubbles produced by other bodies, ie., they are larger. This terminology is very important for the reader to understand, so that the information you've received will be easily understood. It is vital that the people who read these pages come to see the larger picture. It's not just the ionosphere that's in danger - it is all of the combined systems of the earth altering their normally balanced cycles. The entire planet earth is at risk in this crisis, so it's imperative that the reader comprehends the way in which the various systems interweave and how they are therefore all out of balance, and it will take a major effort to put these cycles back into a proper balance. Once the processes are understood, the true magnitude of the problem becomes apparent.

During the process of fission, a neutron is hurled at the nucleus of a uranium (or plutonium) atom and it divides that mass. In this process neutrons and protons are destroyed and their energies released. After studying falling bodies and atomic structure it should be apparent that these enormous amounts of energy released in fission are the result of the many systems of particles within the neutron or proton being forced out of their orbits and turned loose into the environment in a highly unstable state. Also, it should be clear that many of these systems are completely destroyed, leaving only highly energetic, very minute particles moving at incredible velocities. These particles and very minute, unstable systems move off in all directions - some to pass through water to create steam, some down into the core of the earth, and some straight through the walls of the containment vessels and into the atmosphere.



In each and every fission reaction, approximately twenty protons and neutrons are shattered, the exact number depends upon the type of material being used. The average proton or neutron contains approximately twenty-two thousand particles, so do some math and you'll quickly see how many trillions of these unstable particles and systems are being forcefully introduced into our eco-system per micro-second, worldwide.

We earlier carefully explained that any unstable system will immediately attempt to balance itself, and for many of these newly destabilized particles and systems this attempt begins as they pass through the walls of the containment vessels. Here again the jipsee systems are a major factor, for as these minute particles and systems of particles stream through the walls they are already in the process of re-assimilation into larger, more balanced systems. While engaged in this process, the jipsee systems in the atoms which form the containment vessel walls are very strongly attracted to these highly unstable systems, and often leave their orbits to assemble and attempt to balance these very unstable systems and particles. This means that from the moment a nuclear plant begins operations, the walls of the containment vessels begin to weaken so that as time passes they also become unstable and allow ever larger and larger systems and particles to escape unopposed.

To briefly address the question of where these particles and systems go once beyond the containment walls, we would begin by considering those which travel inward - towards the core of the earth. In the segment on falling bodies we discussed the cycle of energy exchange experienced by a body in motion, and stated that under normal conditions the rate of extraction is balanced with the rate of energy input (at the poles) and that this cycle is tied directly to the velocity and rotational rate of the body. If the reader understands this cycle, they will also be able to clearly see that as these particles move into the core, they are disrupting this normally balanced cycle. More input energy, no matter the source of input, forces the planet to generate more extracted energy to attempt to compensate. The rate of the extraction directly affects the rate of the rotation, so as the energy extraction becomes progressively accelerated, the rotation rate will follow suit. As the cycle completes itself and the extra energy extracted now returns as input energy (approx. 10-12 years), this extra level of input, combined with the continuous additional input energy from nuclear fission ensures that the problem will continue to be progressive.



We estimate that 15% of the extra energy forced into the cycle by the use of nuclear fission remains in a state which is negative in respect to the normal energy output of this planet, and though this percent of negativity has its undesirable effects, it is the increased rate of energy exchange which most concerns us now. As should be apparent to the reader at this point, an increased rate of energy exchange and rate of rotation will cause an increase in the repulsive force exerted by the falling body. As the repulsive force increases the body moves farther away from its nucleus, which in our case is the sun. If the orbit of this planet expands, it cannot help but affect the orbits of the other planets in the system, particularly our closest neighbors.

Of the many highly energetic particles and systems released through fission, many travel toward the moon, and because the moon and its extracted energy are very negative in respect to planet earth, some of these energetic, still unstable particles and systems are readily accepted by the moon as input energy. This will increase the cycle of energy exchange in the moon, once again resulting in a greater repulsive force generated by that body. Clearly, the moon cannot fail to move farther away from the earth. The tides, (which are erroneously said to be caused by the gravity of the moon "pulling" at earth) are becoming ever more severe, but this is only the beginning. As the repulsive forces of earth and moon continue to increase, the interaction between them (which is the true reason for earth tides) will cause the tidal cycles to become increasingly dangerous to coastal dwellers. This new balance of interactions between the respective fields of earth and moon will also increase the degree of earth wobble, but the position and field of the sun is also a major factor in this equation, and so will be considered after solar structure has been fully addressed.

When we further consider where these particles and systems go, we must mention that some of the smallest and most energetic move straight out of the earth's gravitational field and speed toward the sun. Clearly, these systems are very highly negative in respect to the sun, and are repelled at incredible velocities back toward the earth/moon system. It is known that particles of energy from the cosmos travel in vortexes, yet experimenters deep in the earth (searching for proton decay) are picking up readings of energies coming into the earth in a straight line. They are speculating these are from some galaxy out there, but in reality they are detecting these high speed particles now repelled and much accelerated, returning to haunt us all, and disrupt yet more earth cycles.



The great majority of the particles and systems under consideration here find a home in the upper reaches of the ionosphere. It must be remembered that these systems and particles of which we speak are various sizes and moving at various velocities, but are all very negative in respect to earth. Some of the faster moving particles and systems have converted to photons of energy (bubbles) and when they collide with the normal ozone ( $O^3$ ) they quickly break it down into its singular element ( $O$ ). The single oxygen atom is an electrical isotope, and so carries a positive charge, and will readily assimilate with any element, particle, or system of particles that are available. At the same time as these events are occurring the slower moving particles and systems are attempting to restabilize, and are reforming into more complex, balanced systems. They come together at such a high velocity (but less than that of light) that the newly assembled neutrons are not neutral, but are slightly negative. These negative neutrons quickly seek out proton systems, and often form into nuclei systems before the proton is completely assembled, ie., while it still has a higher than ideal charge. Our calculations indicate that the average newly created but mutated nuclei system would consist of two slightly negative neutrons and one proton. Because of this instability, the various jipsee systems are very active trying to achieve order, and in the process begins throwing off systems and particles. If these were normal nuclei systems we would have a hydrogen atom, but they are not normal - they are highly unstable (radio-active) isotopes of hydrogen, and an investigation of this new element will reveal it has an atomic weight nearly that of helium. Being much larger than the normal hydrogen nuclei, they will also attract more and larger electron systems than would normal hydrogen.

Some of these newly formed, strange elements are forming into molecules with the single oxygen atoms available, creating an abnormal variation of  $(H^3)^2 O$ , which will eventually return to earth as radio-active rain. This, much more than acid rain (which is also a factor) is taking its toll on the plant life of earth. Other of these singular elements of oxygen are directly receiving the single particles released through fission. Once residing in the oxygen nucleus they attempt to stabilize by gathering more stray particles and building new larger and larger systems within the nucleus. Eventually this process produces new proton and neutron systems which find stability as fluorine. Other chemical reactions will also result in formation of these flourine atoms, which are able to very readily divide existing  $O^3$  molecules into their singular elements, thus perpetuating the abnormal cycle. Here again, a problem which was serious enough becomes progressively more dangerous.



Due to various factors, many of the trillions of particles released through fission do not immediately assimilate into larger systems, and these, being highly negative to earth and even more negative in respect to the sun, tend to "settle in" near areas which are away from direct contact with the sun's energy. On earth this means that they will prefer to settle in near the pole which lies in darkness at the moment. Here they assemble themselves, but now, without the impedance of the full strength of the sun's repulsive force, the result is a very negative plasma. When the sun again returns to whichever pole is involved, the surface of the earth below is warmed. The air is lighter, and the lighter elements and molecules of the ionosphere begin to move earthward in massive quantities. The very negative plasma is, of course, more highly negative to the sun than to the earth, and therefore when it is brought into contact with the sun's greater repulsive force, it is forced earthward. The final result of this movement is a large "crack" in the ionosphere which will begin to open as soon as the area in question begins its summer. It will reach its height during the mid-summer, and will begin to close only when the sun again leaves the area in darkness, allowing the negative plasma to be repelled from earth back into the ionosphere. These polar ionospheric "cracks" will continue to grow progressively larger each year until actions are taken to restore balance.

These cracks in the ionosphere are serious enough, but once more we find there are other factors which compound the problem. In this case it is the tendency of these particles to be attracted to areas where there are large deposits of ferrous metals below, and here they assemble into negative plasma. They will be most strongly attracted to any of these areas which are surrounded by water. This is a symptom which we hadn't expected to see manifested until 1987, or perhaps even 1988, but evidently there are multitudes more unstable particles being released through nuclear weapons tests, faulty reactors, and radio-active wastes than anyone is aware of, because now its been reported that a hole has developed over Norway. If this is indeed the case, then be assured - there are others. Many of them will be found to have developed over the oceans and seas, where ferrous metals lie beneath the ocean/sea floor. All life below these holes in the ionosphere are at extreme risk, so these areas must be identified - and quickly.

Some of the effects of the massive disruption of the systems on earth have been stated earlier - others have not - but the reader should clearly see what their future holds, so some of these things bear repetition. The ill effects felt by the planet earth will manifest themselves in progressively more violent reactions. Perhaps the most serious of these will be a direct result of the increased rate of energy exchange. Already this is causing a steady increase



in the internal pressure of the planet, which will be periodically (and increasingly regularly) relieved through earthquakes and volcanic actions. This pressure will create more heat within the earth which will (or already is) cause the surface of the planet to warm, and the ice caps to begin to melt. Besides contributing to an increase in the ocean levels, this warming will also cause disrupted and abnormal weather patterns which, coupled with the increasingly severe tidal cycles, will cause coastal areas to begin to disappear.

As the energy exchange of the planet increases, the magnetic field of earth will continue to change. This will increasingly affect the many different species of life which rely on the magnetic field for their sense of direction, and it is quite possible that some species of whales are already experiencing difficulties in navigation. Oceanic species sensitive to changing water temperatures will begin to experience shock due to rising water temperatures. Those that cannot quickly adapt will die, while mobile species will be forced to migrate to cooler waters. This will overtax the ecosystems, and many of these creatures will also die.

Land based species face other dangers. We have shown an outline of atomic structure, as well as some of the effects these fission-freeed particles and systems can have on atomic structures. Now we would remind the reader that each and every cell, and every molecule of DNA in their body is but a conglomeration of atoms which are subject to the same laws - and the same injuries - as are all other atoms. Unlike the sun, our bodies generate no strong repulsive force to ward off these high velocity, unstable particles and systems, and we are even less dense than a containment vessel, and so offer no barrier to these fission released systems. As they move through a body they continue to attempt to stabilize, which means they will either try to join existing systems, carry off jipsee systems as they pass through, or in cases where their velocities are too high to allow either of these options, will simply displace and disrupt systems they encounter. For humans and other species living in close proximity to a nuclear reactor the odds of developing a fatal disease are vastly increased - for the immune system will be unable to function under conditions of constant disruptions. These people will also show a higher incidence of genetic defects among their offspring - some obvious (blindness), and others hidden (immune system deficiencies, etc.). Since the brain also operates with these same bubbles of neutral energy we've taken pains to explain, its functions can be easily disrupted by introduction of foreign bubbles and paritcles, causing ever increasing crime and accident rates in areas of high doses, as well as insanity, suicidal behavior, and even brain damage. Always remember that nothing short of the repulsive action of the sun will stop



or deflect these unstable systems and particles, so we are all completely at their mercy - every day - and so is every other living creature on this planet.

There is so very much more to be said, but the time element is so critical that this will have to suffice for the time being. These past months our research team has worked frantically to sound the alarm, and our focus has been on anti-nuclear, environmental, peace, and disarmament groups and outspoken individuals, but the response rate has been very discouraging, until just recently. Our first round of mailings were very poorly received, and it's possible that the reason for this was that we stated confidently that if this insanity continued, we could set off a chain reaction which could split this planet, the solar system, and perhaps even the galaxy and universe. Perhaps this was viewed as too impossible to be true, we can't know for certain what caused the apathetic attitude towards our warning, but it doesn't matter now. All that does matter is that we were not joking, and we were not exaggerating. The total and instantaneous destruction of this planet is not only a possibility - it is an eventual absolute certainty, and we will now explain why.

In the same manner as other new atoms are forming in the ionosphere from the particles released through fission, so are H, H<sup>2</sup>(deuterium), and H<sup>3</sup>(tritium) being produced in large quantities, and with each passing minute, more and more are accumulating. If anyone doubts the truth of this statement, then find a way to take samples, and prove it to yourself - the element is there, and in great quantities. Now recall that in 1956 Dr. Luis Alvarez and his team produced cold fusion in their University of California radiation laboratory. The fusion was between light hydrogen (H) and heavy hydrogen (H<sup>2</sup>), and it was accomplished by passing a cosmic ray through cold hydrogen. It is a commonly known fact that H<sup>2</sup> and H<sup>3</sup> very easily fuse. A cosmic ray is nothing more than a negatively charged mu meson, which our team has determined is a very small, high velocity jipsee system. Tests have proven that hydrogen can be fused by the impact of these high velocity particles and systems, which we have explained are in great abundance - as is hydrogen - and all caused by fission. When a high velocity single fusion in the ionosphere, the entire planet can be engulfed in a huge hydrogen explosion from which there will be no survivors. When this happens (and we say "when" because it's only a matter of time before it does) the resulting explosion will immediately engulf the moon as well. With the destruction of the repulsive fields of earth and moon, they will immediately begin their plunge into the nucleus of our solar system. This in turn will cause the fission of our nucleus, the sun, which will then become a giant pulsar.



Our calculations are not yet complete, but preliminary indications are that the sudden and massive disruption of this solar system could quite possibly set off a chain reaction which we cannot predict the boundary of.

In coping with the dangers which threaten, several emergency steps must be taken immediately, and the most urgent of these are a complete ban on all weapons testing worldwide, and a total shutdown of all nuclear reactors. This must be done forthwith, as these are the most likely means of igniting the ionosphere. From there on the strategy is clear - we must begin to repair the damage. The technology now exists which will allow these repairs but we must have allies, for alone we can do nothing ! It is time for the people of this planet to join together and work together on the common goals. The responsibility has fallen to us, and we must not fail. Our only hope is to begin a worldwide, coordinated effort, for if we don't, our future is assured. We can no longer sit back, lulled by the false belief that our trusted institutions will "fix" it, because they won't, or they already would have begun. It seems clear that the Soviet Union is well aware of the real possibility of fusing the ionosphere at any moment, and they have reacted by stopping all nuclear testing and are literally begging the United States to do the same. They have warned that this nation's pursuit of "Star Wars" testing could set off a fire which would engulf the earth, and are pleading that this country abandon these goals. Their fears are very well founded - this is not some political game they're playing ! If you've studied our preliminary work it should be obvious to you that perhaps the worst thing this country can do is to be shooting high energy beams through our highly unstable ionosphere, yet they persist. If the Soviet Union is aware of the immediate danger, then is it possible that the United States is not ? Form your own conclusions, and then consider that perhaps it is time we asked the Soviet people just what they have found out about the status of this planet. If we the people cannot find a way to work together when every form of life on this planet is facing certain death, then we must ask ourselves if such a species is worth saving.

A small generator was built and tested, and we can produce the repulsive force. The theory is correct, and the technologies which will allow us to save ourselves waits to be developed. If you harbor doubts about the truth of what we assert, then we invite you to do everything in your power to prove us wrong. In the process you will become convinced that we are correct, and at that point we will very much welcome your participation in Project Stardust.



## SOLAR RESEARCH

### Introduction

In the mid 1970's an indepth study of our solar system's nucleus, the sun, was initiated by the Stardust Team which has led to many startling discoveries. The experimental methods employed included collecting photographs, drawings, and detailed data from many observatories and research stations around the world, building models based on the data, and making countless calculations. Working to make sense of seeming contradictions exhibited by the sun, our team focused on its many well documented but unexplained behaviors and characteristics, a few of which are listed below, and gradually a clear picture began to emerge.

### Major Solar "Mysteries":

- 1) The solar surface appears "grainy"
- 2) The sun emits many different frequencies
- 3) Solar storms vary in both size and field strength
- 4) Solar flares are relatively common occurrences
- 5) Solar storms often move over the surface of the sun with no regard for the direction of the sun's rotation
- 6) Solar prominences occur in which trillions of tons of mass temporarily escape from the main body of the sun and relocate elsewhere
- 7) The solar surface contains many crevasses and valleys which appear, remain for a length of time, and then disappear
- 8) The sun shines and is hot, and the earth shines and experiences warmth from the sun, yet space is cold and dark

If the reader has ever tried to follow the reasoning of current scientific thought on these and other questions, then two things should be clear, namely, the scientific community as a whole is convinced that our sun is in effect a huge nuclear reactor, and that because of this conviction their subsequent theories are speculative and/or contradictory and confused. If the reader were to take the time to delve into current theory on questions relating to solar activity, it would quickly become apparent that no theory is too contradictory to be given loud applause and wide circulation, if only said theory does not in any way conflict with the idea that the sun is a nuclear reactor.

After completing our study of falling bodies in general, we fully realized that



modern science, was not infallible, so in solar research we relied only on direct evidence, and ignored all previous theories. Masses of accumulated information were sorted and classified, then based on this data various solar models were constructed and analyzed. Clearly, there were two possible explanations for the existence of multiple and changing magnetic fields on the sun. One would be if through the use of broad assumptions and "open parameters" we were to make the sun into a unique phenomenon, capable of producing these many fields even though it was a single body (as current theory maintains). The other possible explanation was that the sun was not a single body at all. Since it's a well demonstrated fact that in nature a single body cannot produce many poled fields, and because we had denied ourselves the use of arbitrary assumptions, our team agreed to consider the possibility that the sun was multi-bodied, and we constructed our models accordingly. Mathematical calculations were made based on what we then knew about the dynamics of falling bodies from previous research, and year by year the mysteries began to solve themselves.

To go into laborious details as to the procedures and logical processes followed at each stage of the research would be to misplace the focus and goals of this paper. We will therefore begin this discussion by giving a general overview of our theory of solar structure so as to build the foundation which will allow the visual imagination to more easily grasp the dynamics of solar function. From this base we hope to then clearly explain some of the major actions and current mysteries of the sun in simple terminology, so that at the end of this paper there remains no doubt that our sun is not a nuclear reactor as is currently believed and taught. Nuclear reactions do occur, but these are secondary actions, and are not the major source of heat and light generation. Nuclear fission and fusion as currently employed on earth are not the same as the nuclear reactions which take place on the sun. We aim to show that the modern myth that nuclear fission and fusion for power generation is a thing of nature is not only a false belief, but is a deadly belief as well. Fission and fusion, earth style, is anti-nature, and if we can clearly show why this is so, then this simple paper will have been a great success.



## SOLAR STRUCTURE

Deep within our nucleus, the sun, reside many huge bodies which are roughly the size of the planet Jupiter. Each has its own rotation rate and builds a field of extracted energy about itself as does any falling body. The repulsive action of this field of energy guarantees space between the bodies. Calculations show there are approximately two-thousand of these massive bodies, all rotating at a rate determined by their specific mass. Though there is this variation in their individual rotation rates due to differing mass factors, these huge bodies are all orbiting the center of gravity at roughly the same rate, and due to their close proximity to the center of gravity they together complete an orbit of this gravitational center approximately every forty-eight hours. These massive bodies, individually and as a unit, are in motion at an extremely high velocity.

On the outer shell of the sun reside thousands of smaller, earth sized bodies, which also have an individual rotation rate determined by their specific mass. Each of these obey the laws of falling bodies, and so build an individual field of extracted energy about themselves which repulses the fields of all other falling bodies, thus ensuring space between them. These bodies also orbit the gravitational center of the sun at a constant velocity, but due to their greater distance from the center they complete an orbit only every thirty-two days.

The area between the major bodies (interior near the gravitational center) and the minor bodies (outer crust) is filled with many thousands of bodies which range in size between these two extremes. To visualize this arrangement imagine many thousands of different sized bodies within a given sphere, where the largest bodies are in the center, and the rest of the bodies become progressively smaller the nearer their proximity to the outer crust. A highly simplified cross section of the sun illustrates this below.

Cross section view  
of the sun showing  
body position and  
rotation.

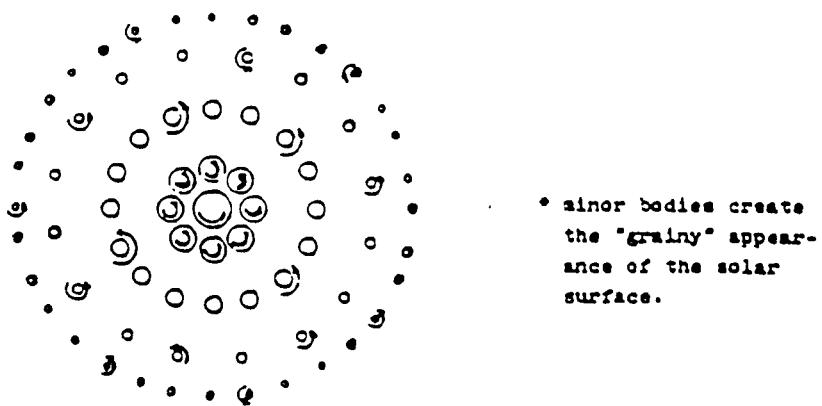
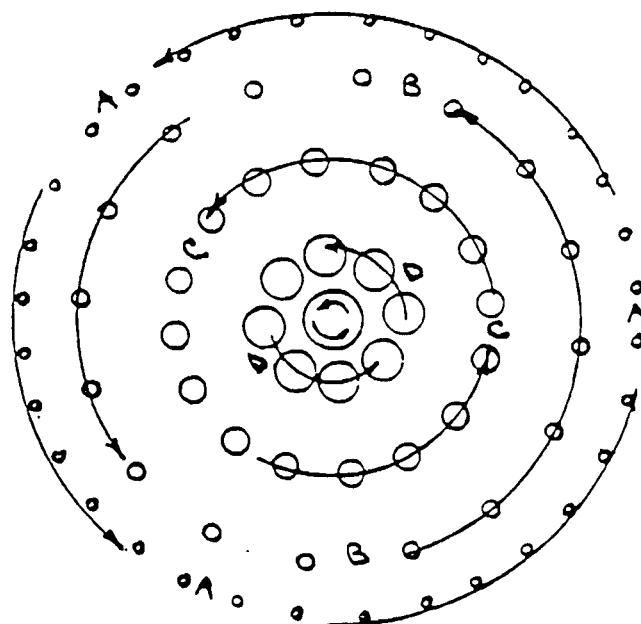


figure 33



We've explained that the major bodies are in close proximity to the center of gravity and complete an orbit of this center approximately every forty-eight hours, and that the minor bodies at a greater distance complete the same orbit of the center every thirty-two days. All of the intermediate bodies residing between these two extremes also orbit the same center, but at varying rates determined by their mass and subsequent position within the body of the sun. The larger of these intermediate bodies will be found closer to the major bodies nearer the center, and their rotation rate approaches that of the major bodies. Also, being relatively close to the center of gravity of the sun allows them to complete an orbit of that center in a relatively short period of time. The smaller intermediate bodies will have a slower rotation rate, and because they reside closer to the surface of the sun and farther from the center of gravity, the time it takes for one of these bodies to complete an orbit of the center is more than for larger bodies. This concept of varying orbital rates is roughly illustrated in the cross section below.

Cross section of  
the sun showing  
orbit rates.



Vector A = 32 days  
Vector B = 15 days  
Vector C = 7 days  
Vector D = 24 hours

figure 34



At the exact center of the sun is found one huge body which is the exact center of gravity of the sun. Its rotation rate is so fast as to be measured in hours rather than days, and calculated in miles per second, the rate at the surface is astronomical. Surrounding and orbiting this central body are found the largest of the major bodies which together with the central body form the sun's core. These large bodies have reached a relative balance in that their poles are aligned North to South, allowing them to operate as a strong unit of bodies. Due to the repulsive force generated by each of them, space still exists between them and they all continue to rotate individually, but the attraction between their poles is great enough that they remain "locked" in a magnetic embrace. Figure 35 attempts to illustrate this below.

### SOLAR CORE

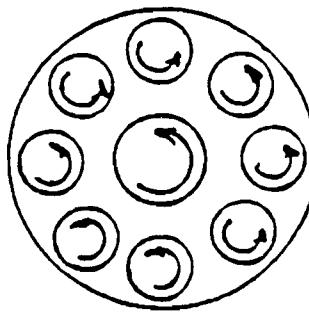


figure 35

The bodies which form the core of the sun also rotate as a single body, and so jointly produce a second, larger field of extracted energy (see test three, page four and figures 21 and 22, page twenty). This core represents the center of gravity of both the sun and of our solar system as a whole, and the powerful gravitational field it produces exerts a strong influence on bodies in close proximity, holding them tightly within a relatively small area, causing less space to exist between the major bodies than there would be if no core existed. Together the core and the major bodies comprise what could be called the nucleus of the sun, and within this nucleus is found 99.9% of the total mass of the sun.



Though the actions of the core are very important in explaining the reasons for the eleven year cycle (and other cycles), reversal of the major poles of the sun, and other questions, these subjects are not vital to the goals of this particular paper and so the intricacies of core/nucleus dynamics will be addressed in a supplemental writing. For now it is enough if the reader will just keep in mind that it's there.

Before we move on it should be mentioned that the core and major bodies existing near the center exert a very strong influence on the smaller bodies nearer the outer crust. As they rotate and orbit the center at tremendous velocities, these massive bodies regularly manipulate the smaller bodies by means of the superior strength of their magnetic fields. When it happens that in their rotation and orbit a number of these major bodies come to have a major pole facing outward (toward the crust of the sun) it causes the smaller bodies to align themselves in accordance with the polarity of the major poles. All bodies within the sphere of influence of these major bodies continue to rotate and orbit the center of gravity, but have now become in effect a separate unit in that they will also rotate and orbit as a system of bodies for the length of time they remain under the domination of the magnetic field of the major bodies. These systems of bodies are continually realigning and reversing their polarity as the major bodies continue their rotation and orbits, and different bodies move into dominant positions. Systems of smaller bodies thus polarized we refer to as secondary bodies, and one example is illustrated in the cut-away diagram below.

Cut-away view of  
the sun showing  
secondary bodies.

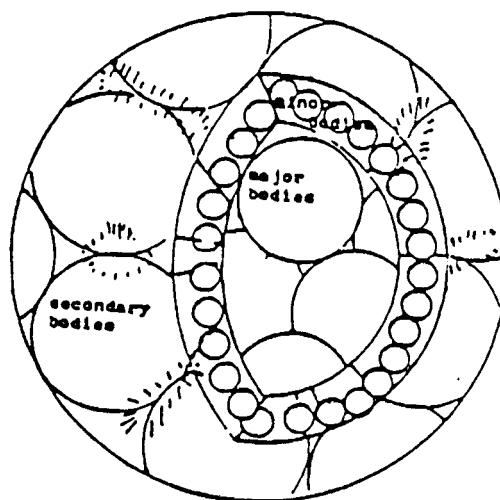


figure 36



Again, knowledge of the existence and origin of the secondary bodies is not vital to this particular paper, but if the reader would decide to pursue the subject of solar structure by investigating some of the fine work published in recent years, particularly in the area of helioseismology, a basic understanding of the dynamics of these secondary bodies allows one to quickly make sense of the results produced by this research. It is not difficult to see why these research stations are detecting such a wide range of frequencies (oscillations) from the sun as a whole, and frequencies within frequencies in the cases of polarized, secondary bodies. Clearly, when a major frequency is detected on the surface of the sun its cause is the fact that the secondary body is rotating as if it were a single body, while at the same time each and every minor body within this system also continues to rotate (oscillate) and so sends out an individual frequency. Some of the computer models produced by the helioseismologists quite beautifully illustrate the multi-bodied structure of the sun (example: cover, Scientific American Magazine, 9/85) and the data on which the models are based does not conflict with our assertion that the sun is multi-bodied. On the contrary, their findings fully support our model of solar structure, and so deserve careful study by persons interested in our research on the sun.

## SOLAR DYNAMICS

If basic solar structure is now reasonably clear in the reader's mind, the picture is not yet complete until we consider the violent forces at work within the body of the sun, because to visualize the many bodies within our nucleus as rotating and orbiting peacefully would be incorrect. Due to the various velocities involved, the many sizes of bodies all possessing independent magnetic fields and rotation rates, and the fact that as falling bodies they must orbit the center of the primary gravitational field through which they fall, conflicts are inevitable and ongoing. It would therefore be much more accurate to visualize the sun as a twisting, churning mass of bodies in a furious struggle to obey their "urge" to follow a given orbit at a given velocity and rotation rate, while they are simultaneously thwarted in this endeavor by opposition presented by the repulsive actions of other fields whose bodies vie for the same space in an effort to satisfy their own "urges". The net effect of these ongoing confrontations is a mass of bodies raging violently in constant conflict with neighboring bodies and experiencing compulsory and often extreme interactions with the fields of force produced by the rival bodies.



It should not be difficult to visualize that as these many bodies rotate and attempt to follow a balanced orbit there will be constant confrontations, as two or more bodies' are forced into pole-to-pole interactions. When it happens that like poles of major bodies are thus compelled to interface, the repulsion between them is great. Clearly, however, the effects of such a confrontation will vary depending upon the number of bodies involved. In a case where only two like poles would come to interface, for instance, there would be a repulsion felt by other bodies in the vicinity, but the reaction would not be severe enough to be strongly felt on the outer crust of the sun, and so would not be visible to an earth observer.

In a case where multiple like poles of different bodies were forced into a confrontation, the result would necessarily be much more extreme. The repulsive actions caused by such a meeting of like poles would create a repulsive force so severe that it would be visible on the outer crust as a solar storm (or "sun spot"). At times, when many very large bodies become involved in such a confrontation the repulsion between them becomes so great that bodies on the crust are temporarily pushed out from the main body of the sun (ie., "flare" out). Though the repulsion is strong, it is not strong enough to fling these minor bodies completely out of the body of the sun, and so at a point where the attraction to the main body of the sun overcomes the repulsion caused by the reaction deeper within, the minor bodies are pulled back into the main body, where the repulsion caused by the continuing inner confrontation again pushes the minor bodies outward. This cycle where the minor bodies are thus manipulated (or "pushed and pulled") is the reason why, to earth observers, the sun's surface appears to be "boiling".

Because there are so many bodies within the nucleus we call sun, these confrontations of which we speak are occurring constantly, and it is not unusual for any number of them to be strong enough to be felt on the outer crust at any given time. It is therefore not unusual for several or more of these to be major interactions which are visible on the crust of the sun, and which of course account for the oft photographed "spots" on the sun. The continuing motion of the more central bodies causing the "storm" easily accounts for the motion of these storms across the sun's surface, and following that cycle through, it is not difficult to see why these storms dissipate and then vanish when the more central bodies rotate away from each other and end their confrontation.

With the masses of scientific data published daily, our team has been unable to keep up with all new findings, so we're unsure whether researchers have found



that these storms, sun spots, and flares they speak of have definite pole values, and for a fact, we aren't even certain instrumentation yet exists which would provide such information, but regardless, if it hasn't been officially determined yet it will soon be found that these storms on the sun's surface are not only magnetic fields, but have pole values as well. Storms caused by North-North pole interactions of major bodies will create a storm with a North pole value, while South-South pole interactions manifest on the surface as a storm with a South pole value.

If we carry the discussion of like pole interactions one step further, a solar prominence is easily explained. As stated, like pole confrontations are occurring constantly within the body of the sun - sometimes between North poles of various bodies, sometimes between South poles, and of course the resulting "storm" will reflect whatever pole value the confrontation happens to be. Now, it is not uncommon for a large North-North pole interaction to be occurring in one location within the sun's interior while a million or more miles away a South-South interaction is occurring between other bodies. As we've explained, the repulsive force created by such a like pole interaction is sometimes great enough to actually repulse minor bodies away from the main body of the sun, and that they are "pushed" outward to the point where the attraction of the sun as a whole overcomes the repulsive force of the inner bodies, and the minor bodies again are pulled back into the main body. In the case of a solar prominence, the minor bodies do not return to their original position. Instead, when the minor bodies reach the critical point where the repulsion they experience is about to give way to their attraction to the body of the sun, they "feel" the oppositely polarized bodies which happen to have been simultaneously repulsed by a neighboring (but opposite) like pole interaction, and they are drawn to it, traveling there in a great arc at a tremendous velocity. Concurrently, bodies repulsed as a result of the neighboring but opposite like pole interaction "feel" and are drawn to their opposite, again traveling in a great arc. This sequence of events are illustrated in the following series of diagrams.

North pole to North pole  
magnetic alignment

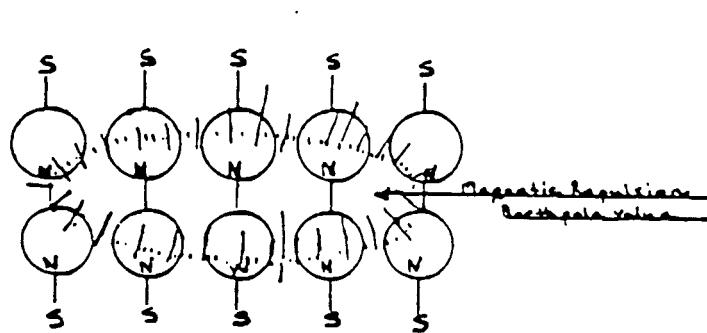


figure 37



Erupted mass is polarized  
with a North pole value.

SIDE VIEW

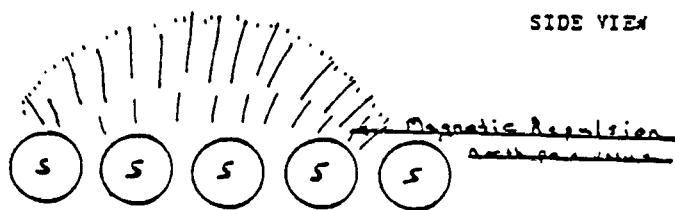


figure 37 A

South pole to South pole  
magnetic alignment.

TOP VIEW

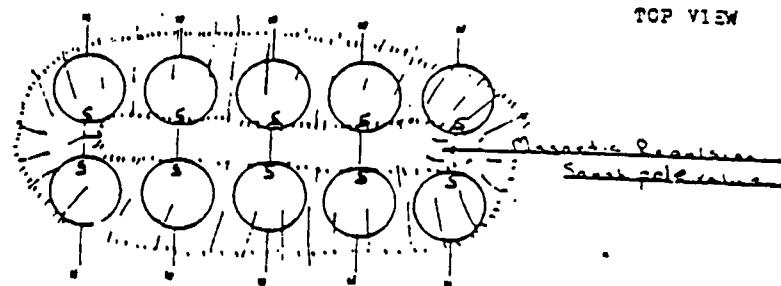


figure 38

Erupted mass is polarized  
with a South pole value.

SIDE VIEW

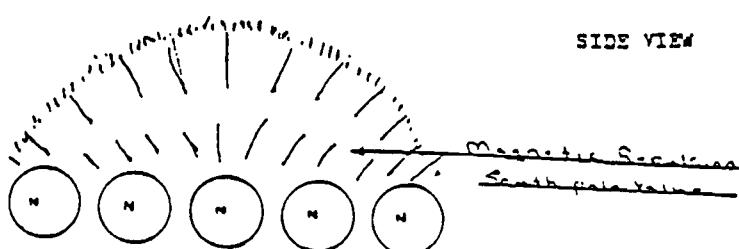
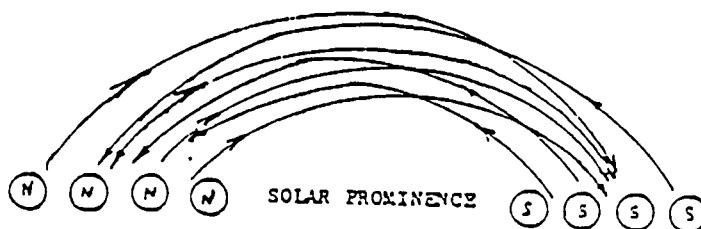


figure 38

Mass polarized North is  
attracted to a South pole,  
while mass polarized South  
is attracted to a North pole.



North magnetic repulsion  
as seen in figure 37

South magnetic repulsion  
as seen in figure 38.

figure 39 -60-



Solar prominences are spectacular events which tend to puzzle scientists who hold with the theory that the sun is a nuclear reactor and gravity is exclusively an attracting force, but with an understanding of the multi-bodied structure of the sun, it is not difficult to see that such prominences do not require special exceptions to be written into physics to account for them. All they do require is two opposite but roughly equal like pole interactions to occur during the same period of time, and in the same general vicinity.

With the hope that like pole interactions are now reasonably clear to the reader, we will now move on to discuss those reactions which will seem to show a neutral pole value, ie., those reactions caused by unlike pole-to-pole interactions between major bodies.

As with like pole confrontations described earlier, unlike (or opposite) pole interactions occur continuously between major and intermediate sized bodies, but are not always strong enough to be felt and to therefore be visible on the surface of the sun. Only when there are numerous bodies involved is the reaction severe enough to visibly affect the minor bodies, and when this happens, the effect is immediate and very dramatic.

When a major unlike pole-to-pole confrontation occurs which involves many bodies, the attraction created between these bodies is enormous, and is strongly felt by bodies even on the outer crust. Instead of being pushed away as they are when like pole interactions occur, they are now pulled toward the bodies creating this huge attraction, and to earth observers the result will appear to be the manifestation of a gigantic "crack" or crevasse on the sun's surface which suddenly forms, remains for a time, and then disappears once again. As with like pole confrontations, the visible effects of an interaction between unlike poles (ie., crevasses and valleys) dissipates and ends only when the major bodies causing the effect rotate away from each other to continue their orbits and confront new rivals.

If instrumentation exists and a study is made, it will be discovered that such a crevasse has no specific pole value, and will in fact produce a neutral reading, however, further investigation will show that the area to one side of the crack (or crevasse) does have a most definite pole value, while the area on the other side of the crevasse carries the opposite value. The reason for this is shown in the following illustration.



North to South interfacing results in crevasses and/or cracks.

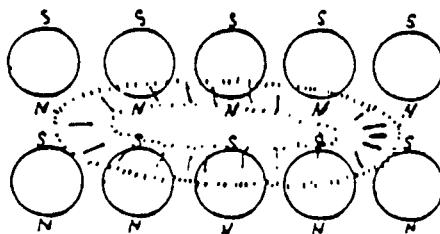


figure 40

One edge of the crevasse will have a South pole value.

Crevasse itself will have a neutral magnetic reading.

One edge of the crevasse will have a North pole value.

Further from the edge an opposite pole reading will be found.

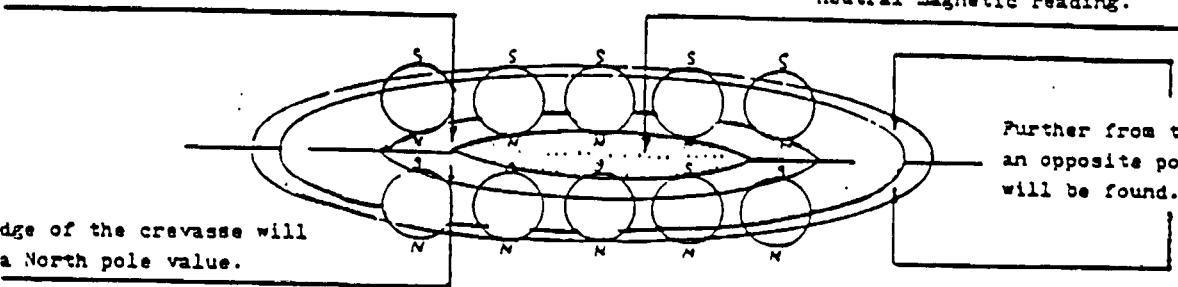


figure 41

These unlike pole-to-pole interactions are very important to fully understand, because this specific action is the foundation for future, more in depth discussions. For now it is enough if the reader can begin to visualize such interactions between bodies so huge as to make our earth seem like an insignificant spec of dust, and to begin to get an idea of the tremendous forces at work within our multi-bodied nucleus. When unlike poles interface they attract, and would prefer to remain in their position of alignment, but the forces exerted by the other equally massive bodies surrounding them (all of which are experiencing various interactions of their own) added to the force exerted by all bodies as they press forward attempting to satisfy their need to orbit and rotate, will not allow unlike pole alignments to remain intact for very long. With even a rudimentary grasp of the true nature of our dynamic nucleus, the sun, it should be easy to see that the great forces required to break an unlike pole-to-pole interaction are readily available, and act quickly to tear aligned bodies away from each other, breaking the magnetic bonds created by these strong but fleeting unlike pole alignments.



## POWER GENERATION

We can state that, in the purest sense, motion is the force which powers our sun, for without motion the bodies within our nucleus would not build and maintain their individual fields of force, and would cease their orbits and rotation. Without motion, the bodies of the sun would retain no unified gravitational field, and so would simply drift apart. In this sense then, motion is the catalyst which powers the generator called sun. The power available is directly proportional to the velocity of the fall at the rate of velocity squared, and of course the greater the total mass, the greater the potential.

As previously seen in the study of falling bodies (segment two) the cycle of extracted (neutral) energy which makes a great loop and is then funneled back into the body at the poles is the gravitational field. We maintain that it is the flow of neutral energy (gravity) which causes a magnetic field to form in and around a falling body, and this also holds true for a multi-bodied formation such as our (or any) sun. Being comprised of many thousands of bodies, all with individual gravitational and magnetic fields, a sun can rightly be called a gravity machine.

As we have shown, all of these many bodies rotate and orbit at specific rates determined by their individual mass, etc. They are all held within the sphere we call sun by the gravitational field produced by all of them as a unit (see test three, page four and figure 21, page 20). As these bodies rotate and orbit they are continuously shearing each others lines of flux. A well demonstrated law of physics states that a "line" of magnetic flux will discharge the energy it contains at the point of breakage. This law applies directly to our (and every) sun. As these many bodies cut and break one anothers lines of magnetic flux, the energy contained in that line is released at the point of breakage. Since there is no conductor available to accept the released energy, it is radiated. The energy released at the point of breakage is neutral energy ( or gravity), and its shape is similar to donuts, or bubbles. When this energy is polarized, the result is heat, light, and all other energies produced by the sun.

It must be noted that when a line of flux is cut or broken, the energy released is moving at a velocity in excess of the velocity of light. From the point of release, this high velocity neutral energy travels one of two main pathways. It will either escape the body of the sun in its high velocity, neutral state, or



it will slow to below .9 times the velocity of light and convert to mass.

When flux lines of major bodies deep within the sun are cut the energy released is at a tremendous velocity, and is radiated outward, toward the crust area. On its way, it encounters the repulsive fields of the many bodies between its point of origin and the outer crust, and each time it feels such a repulsion it loses velocity. As their velocity decreases to below .9 times that of light, these bubbles of energy begin to "pile up" on each other, forming into mass (see fig. 26, page 24). The resulting minute particles of mass now begin to assemble into systems of particles, and then into systems of systems, or atoms. These newly formed and simple atoms are exclusively hydrogen (all three weights) but because their assimilation is occurring very rapidly, they are not always well balanced atoms, and usually form into either very light or very heavy hydrogen, which is extremely isotopic by nature. Because of this rapid assimilation these atoms lack the energy required to achieve balance, and energy radiated by the sun is moving at such a high velocity that the new atoms cannot capture and utilize it in their assimilation. Lacking energy and being very isotopic, the new atoms combine with one another in an attempt to balance themselves. The result of this "joining" is a hydrogen fusion reaction which takes the form of a massive hydrogen implosion near the surface of the solar generator. The atoms formed as a result of this joining contain more particles, but now their lack of energy is even more pronounced, which sets up the next implosion reaction. This need to achieve a balance assures that implosion reactions will be ongoing.

We could go into much finer detail here, but for now it is enough if we've managed to explain two major points. First, the sun is not in the process of burning out, as is currently taught, but rather is continually building mass, and is therefore growing larger every day. Secondly, it should be realized that these hydrogen implosions are nature's way of attempting to replace imbalance with balance, and so in a very limited sense, hydrogen fusion is a thing of nature.

To now briefly address the fate of energy radiated from the sun in a neutral state we must turn our attention to energy produced closer to the surface of the sun. Though most of this paper has focussed on actions of the major bodies, it must be remembered that the minor and intermediate sized bodies experience the same cycles, and so also release energy when their lines of flux are sheared. Being closer to the crust area, energy released from these smaller bodies have a much better chance of traveling to the surface without losing much of their velocity. Those bubbles which succeed in retaining a velocity above .9 times



that of light travel outward, toward the boundaries of the gravitational field of the sun. If they encounter no obstacles to slow them down, most of them will eventually make a great loop and return to the sun as input energy at the sun's poles. If, on the other hand, they run into a barrier or an object which abruptly slows their velocity, these bubbles collide and join with other bubbles similarly slowed to form a frequency, as shown below (see also test eight, pages ten and eleven).

#### NEUTRAL ENERGY TO POLARIZED ENERGY

When bubbles of neutral energy collide, the bubbles unite, forming polarized energy (ie., mass)

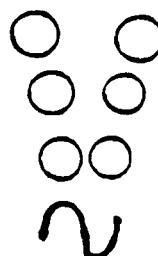


figure 42

Only when thusly polarized do these bubbles of energy create heat and the various lights in the spectrum. This is why space is cold and dark. Remember too that bodies produce energy bubbles which are of a size proportional to the size and velocity of the body from which they've been released. This explains why there are so many frequencies of light - everything depends on the original size of the bubble - smaller bubbles manifest as shorter frequencies, and larger bubbles manifest as longer frequencies.

#### SUMMARY

In other disclosures we have warned of future fusion reactions in our own atmosphere, and hopefully now the reader can see that these warnings have a firm foundation. Minute particles released through nuclear fission on earth ultimately result in the formation of the same type of low energy hydrogen described earlier in this paper. Nuclear fusion is a thing of nature in the sense that it's the method employed by nature to attempt to balance low energy atoms. It is a natural reaction and is common and beneficial to the sun (adding new mass to the solar generator), but on earth the results of such reactions will be tragic and highly destabilizing. It is our view that such reactions are already



occurring on a small scale on our planet, and that some have even been witnessed. We again warn that this is only the begining. Fusion reactions will continue to occur with increasing frequency and strength, leaving severe environmental repercussions and heavy loss of life in their wake. These fusion implosions are able to occur anywhere these fission released particles have gathered, so in a very real sense, there's no safe place to hide from this threat. Our only option now is to repair the damage fission has done to our planet, and it is not beyond our power to do so, for now we can produce the same energy as does the sun. This technology, coupled with a correct understanding of nature's laws, are the tools required, and we say again - we've tested a small model, and have produced the repulsive force. This is the reason we are so very certain that our predictions will come to pass - the theory is correct. All that remains to be done is to further develop and perfect the technology, and then apply it to heal the most grievous wounds suffered by our earth.

As always, the most difficult task in assembling a paper such as this is trying to decide how much to say now, versus what can and should be said later. It is our hope that the decisions we've made in this regard were correct, and that the material we've included will succeed in presenting the broad overview of solar structure and function we sought. If our effort has indeed been successful, we will have left the reader with a good idea of solar structure, and more importantly, of the dynamics and method of power generation employed by our life giving nucleus. If it is now clear why we say the sun is not a nuclear reactor by current definition, then we have come a long way toward reaching our most urgent goal. Once it is understood that not only is fission anti-nature, but is in fact killing our planet, perhaps the people of earth will at last join together and declare, in unison, "ENOUGH IS ENOUGH".



## Zirbes Enterprises

### Theory of Falling Bodies II

As a body begins to fall a centrifugal force is applied to the body and is "felt" in the opposite direction of the fall (figure 43).

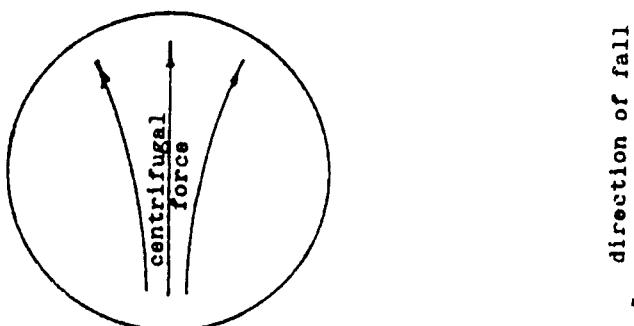


figure 43

This centrifugal force results in mass being "compressed" at the upper portion of the body, i.e., in the opposite direction of the fall (figure 44).

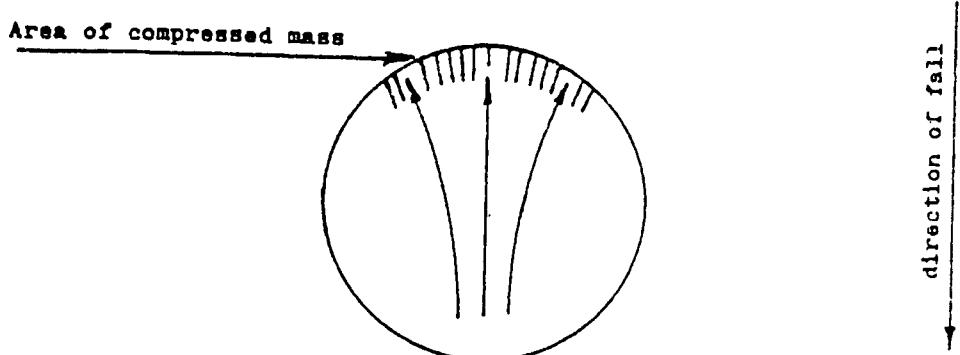


figure 44



This area of compressed mass results in an area of greater density. To obtain greater density of any mass, the "space" within the atoms which comprise that mass must decrease, and therefore, the atoms within the compressed area of the body begin to "shed" that space (figure 45).

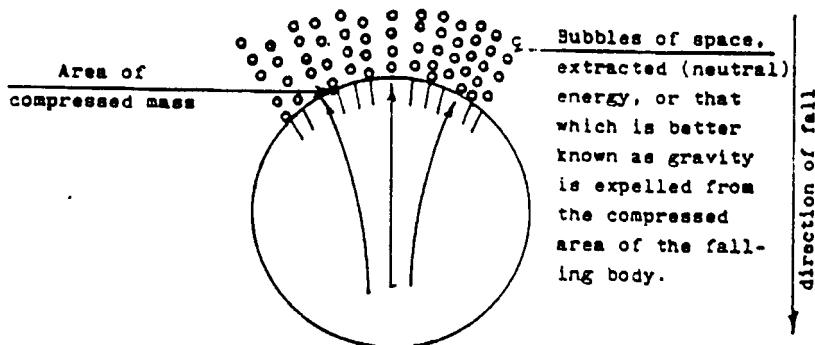


figure 45

The compressed area, due to centrifugal force, results in an area of densified mass. This increased density results from the expulsion/extraction of the space (i.e., gravity) contained within the atoms of that mass prior to the onset of the fall. The extracted energy from the upper portion of the body may be seen as the male factor in that its area has a higher concentration of gravity, and therefore a greater gravitational value than surrounding areas. The female area of the body, due to the motion of the body, is an area of lesser concentration of mass, causing this mass to seek to expand. The mass in the female area of the body requires "space" to accomplish an expansion of the atoms which comprise the mass (figure 46).

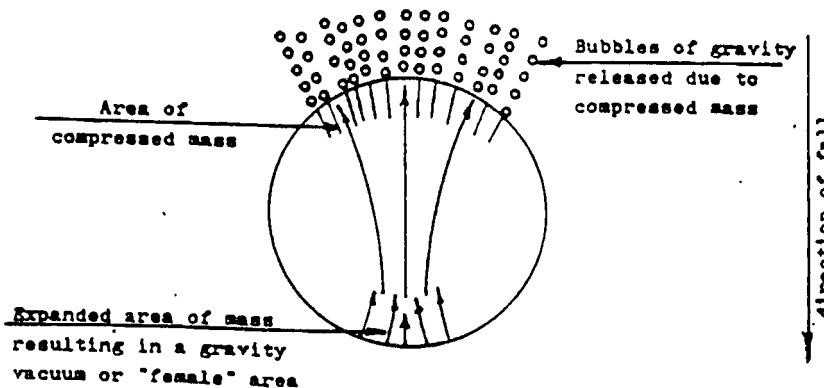


figure 46



The male area of the body has a higher than normal density of mass and is surrounded by a greater value of gravity than is the female area. Nature will always seek balance, and in the case of a falling body, this primary directive of nature is manifested by the female area "feeling" the greater gravitational value of the male area and moving toward it. This action results in the rotation or "spin" of the body.

During these early stages of a body's fall, its velocity is continually increasing, and the greater the velocity of the falling body the greater the rotation rate or spin value of that body. Due to this rotation/spin, the previously discussed centrifugal force is now being distributed around the entire body at the leading edge of the fall, or equator of the body. Centrifugal force causes mass to densify along this equator and to therefore expell space (ie., gravity). As the value of the rotation/spin increases in value, neutral energy (better known as gravity) is expelled or extracted along the entire equator of the body (ie., the leading edge of the fall) in ever increasing amounts (figure 47).

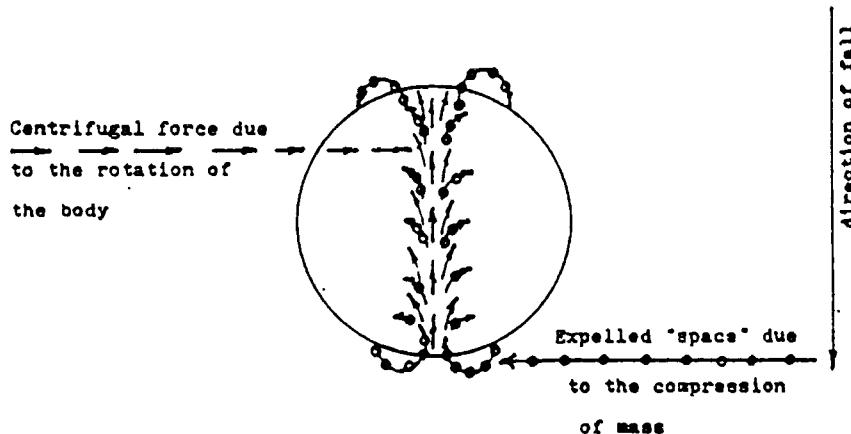


figure 47

We will now turn the body ninety degrees and observe a cut-away view (figure 48).

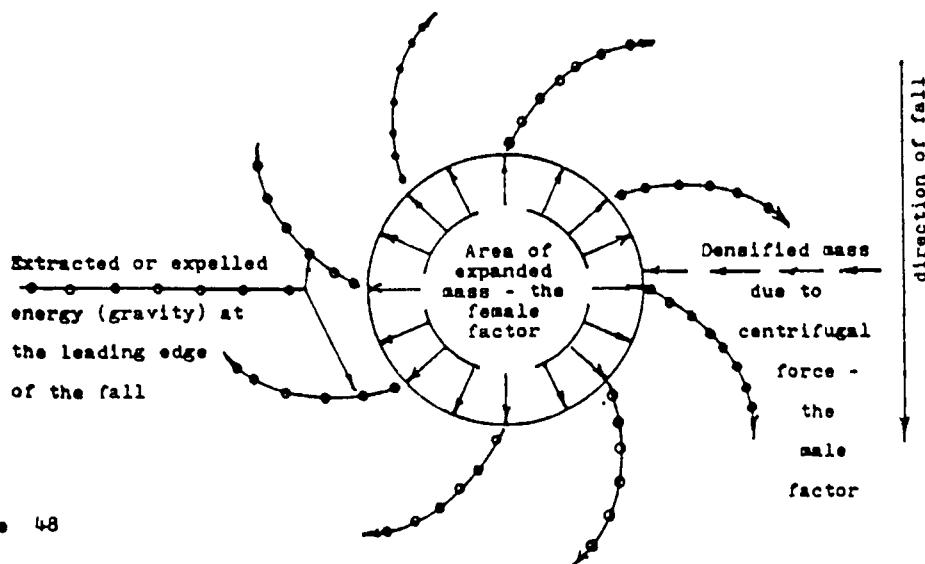


figure 48



Upon exiting the body the extracted energy moves or "flows" in a direction that lies parallel to the body. This results in the "bubbles of nothing" called gravity orbiting the falling body, and due to the continued motion of the body, each orbit completed by a given "bubble" is slightly larger than its previous orbit (figure 49).

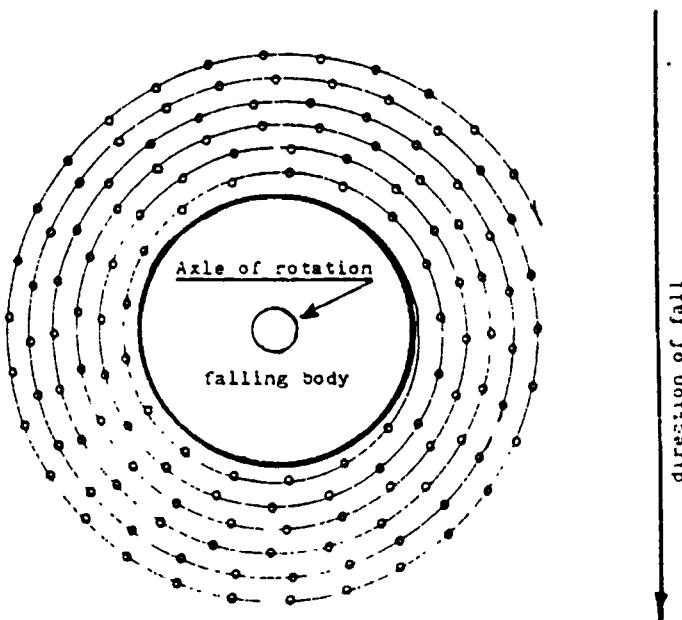


Figure 49

As the "squeezed out" space of the compressed or densified mass leaves the falling body it instantly obtains a greater spin velocity, which in turn tends to further the rotation/spin value of the falling body itself. The people of the Project Stardust team refer to this extracted or repelled energy as gravity A. During the times of Newton this flow of gravity was assumed to be a force which "pulled" towards the center of the body - an understandable misconception in those early days. Now, however, we know that gravity is a push, not a pull, and in fact pushes beings or things existing within the area of this flow toward the surface of the body as it cycles around that body.



The rotating or spinning body must have an axle of rotation. The center of the axle of rotation obtains a zero, or near zero value of motion, and therefore, little or no centrifugal force is felt at the axle. With very little centrifugal force there is no compression of mass along this axle. At the same time, the leading edge of the body (90 degrees from the axle) is experiencing great centrifugal force, and mass along this equator is compressed. At the center of this equatorial plane then, lies a point of zero or near zero motion, which again will contain no compressed mass. It is in these areas of low or zero motion where the mass has "room" for expansion, and the atoms within this mass will seek to expand. To accomplish expansion, space (gravity) is required, and where there is an area which lacks sufficient quantities of gravity, there can be said to exist a gravitational void or vacuum. Quite clearly, it is at the point where the axle of rotation and the equatorial plane intersect which will present the greatest gravitational vacuum (figure 50).

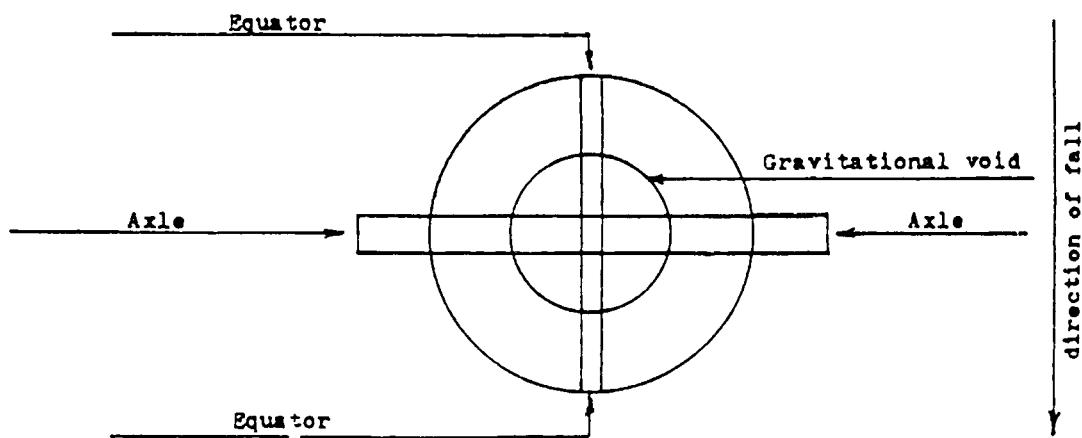
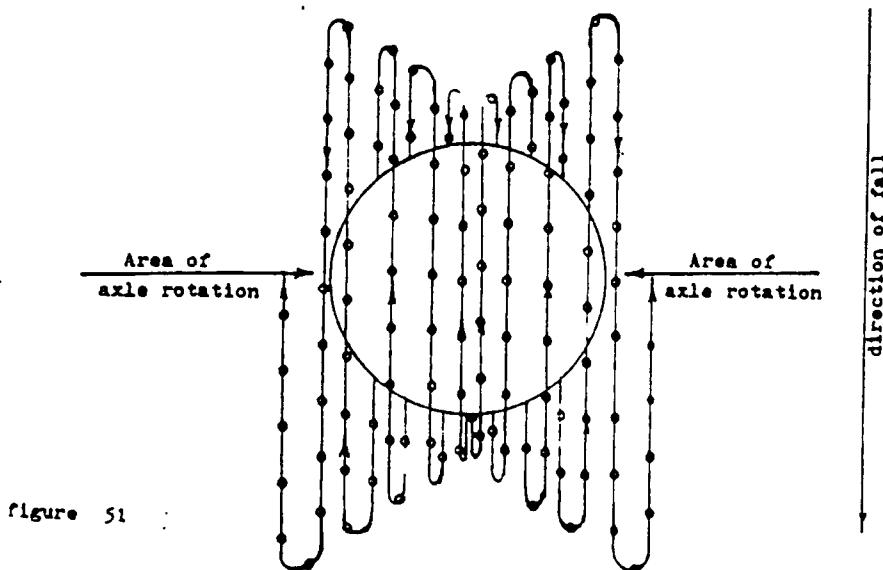


figure 50

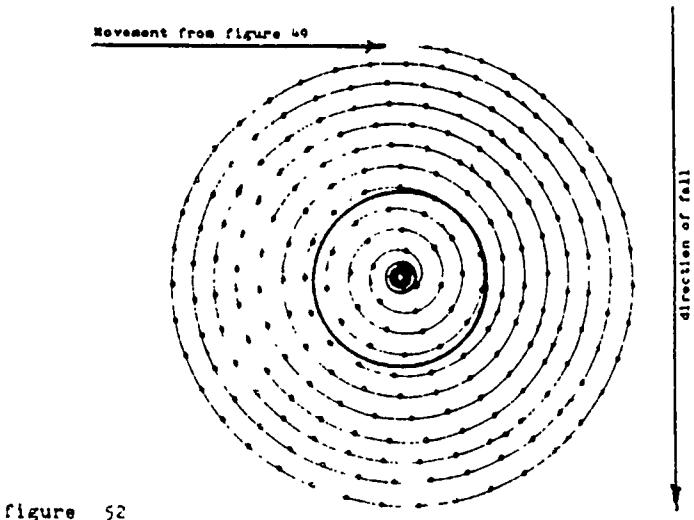
This situation creates a difference in potential between the dense gravity at the equator of the falling body and the lack of, or the "need" for gravity along the axle of rotation. We can therefore view the axle area as a positive, or female area, and the leading edge or equator of the body as negative, or male in respect to the axle.



This difference in potential between the male and female areas causes the outwardly spiraling neutral energy shown in figure 49 to also move toward an axle area. The extracted energy (gravity) will flow from one half of the sphere (body) towards the nearest axle area, while energy extracted from the other half of the sphere will move towards the opposite axle area (figure 51).



We will now turn figure 51 ninety degrees and observe the axle of rotation as illustrated in figure 49. In figure 52 we will attempt to show the return of extracted energy to the falling body. Figure 49 illustrates the outward flow of gravity, and in that figure the outermost line indicates the farthest reaches of the gravitational flow. This "edge" of the gravitational field is designated by an arrow in figure 49, and in figure 52 we will pick up where that arrow left off, and attempt to show the gravitational flow back into the body (figure 52).





We now take note of a very interesting phenomenon of falling bodies. The gravitational "flow" just described is moving in the same direction in both hemispheres of the falling body, and also moves in the same direction as it re-enters the body. However, when one observes the falling body at an axle area, the ingoing vortex is perceived to be moving in a given direction (ie., clockwise or counter-clockwise), while an observer stationed at the other axle would perceive the ingoing vortex to be moving in the opposite direction. This perception is misleading however, for in reality both vortexes are moving in the same direction (figure 53).

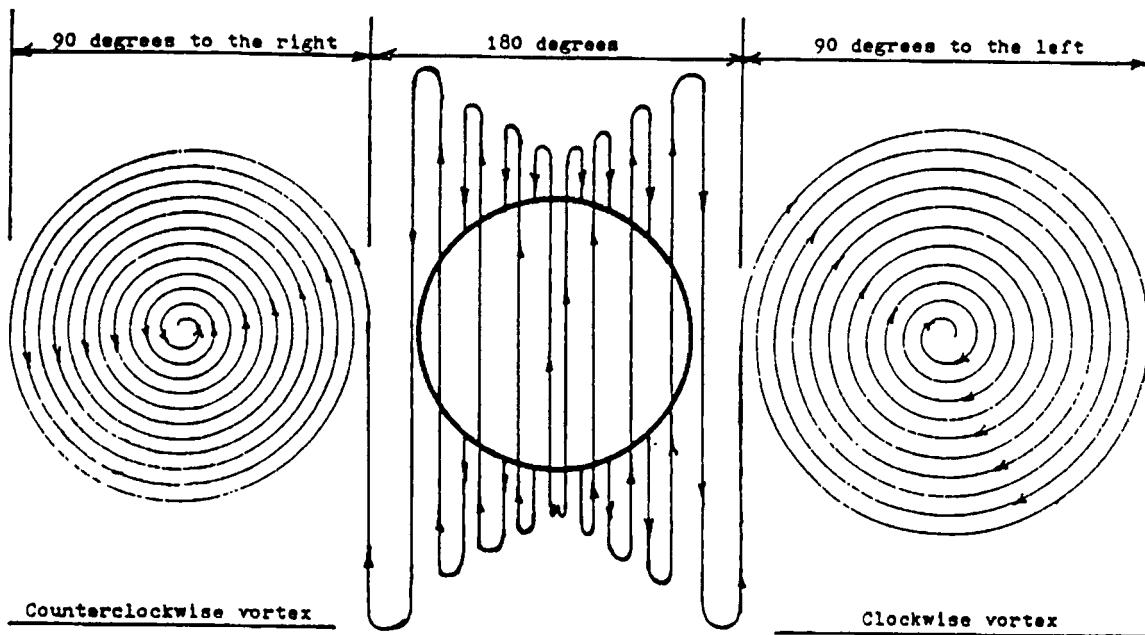


figure 53

This phenomenon is very difficult to clearly show in an illustration, yet it is absolutely vital to an understanding of atomic particle assimilation/atomic structure, so if this concept is yet unclear, we suggest the reader take a moment and test it out first hand through the following simple means.

Take any spherical object that's handy - a ball, orange, grapefruit, etc. - and designate an axle on each end of the sphere. Now, with one of your axles pointing upwards, draw a curved arrow around that axle to denote the direction of gravitational flow. Lift the sphere straight up and place a curved arrow around that axle also - making very sure that when viewed from the side, the two arrows are pointing in the same direction. Next, look at the top of your sphere and note whether the arrow points clockwise or counter-clockwise, then, turn your sphere over and note the arrow points in the opposite direction. Much becomes very simple and logical when one realizes that seeming contradictions in nature do not require one to concoct exceptions to every rule, but merely to understand the rule.



## ELECTRIC/MAGNETISM

We have seen why a falling body begins to rotate/spin, and we've seen that the same factors of greater/lesser potential (due to centrifugal force) produce the mysterious force now spoken of as "attractive" gravity. Now we will move into a discussion of the Siamese twin of gravity, and attempt to explain the creation of a magnetic field. To do this we must first find solid footing to build upon, and so must back up to the time of empirical science and the infinitely valuable and reliable work of Michael Faraday.

Michael Faraday discovered through hands-on experimentation that a spinning disc resulted in a flow of electric (mass) from the circumference of the spinning disc to the axle of the disc (figure 54).

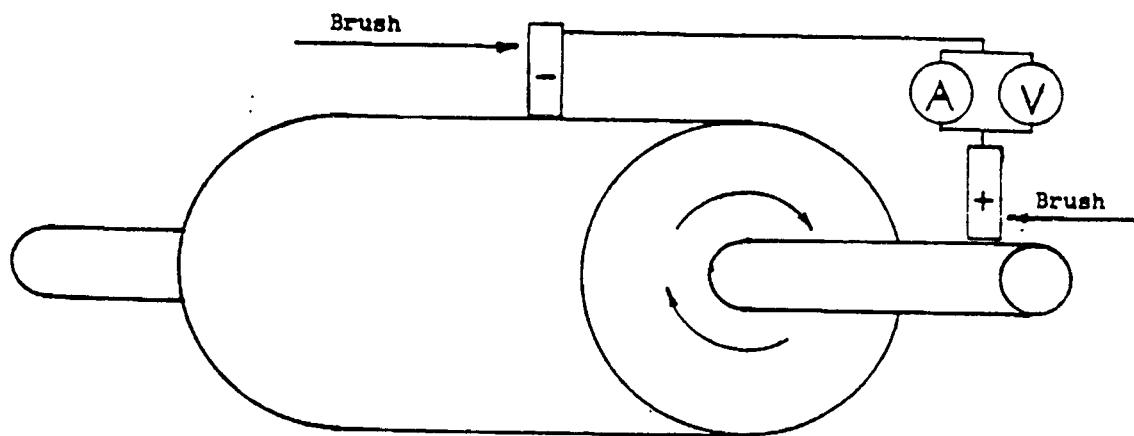


figure 54

Please note that existing drawings of Faraday's "unipole" generator show opposite brush polarities. Until very recently it was believed that electric flowed from positive to negative. Faraday found that an increase of R.P.M. resulted in an increased electrical flow. He also found that a consistant R.P.M. with an increased circumference of the disc would result in an increase of electrical flow. We can therefore deduce that the sum total factor is the velocity of the circumference.



We will now look at the element consistancy of a disc at rest, i.e., not turning (figure 55).

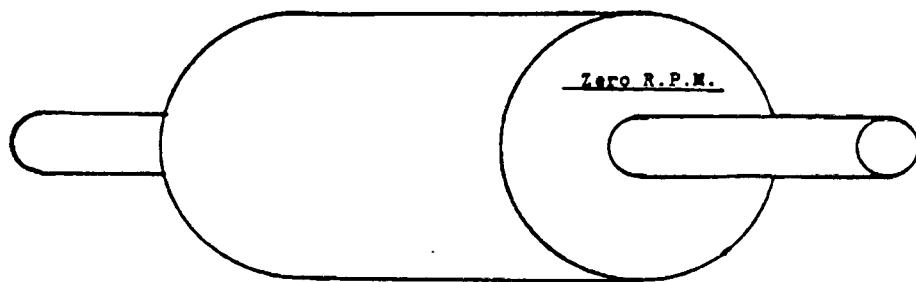


figure 55

As the above disc (which is not turning) is carefully checked with instruments, it is found that the disc is absolutely isotropic. This simply means that the atoms in the disc are consistant and in balance, and that each atom within the elements of the disc are using equal amounts of space. Now, using the very same disc but turning it at a rate of 2000 R.P.M. we observe a complete change in the consistancy. The axle and the area in the immediate vicinity of the axle become severely isotopic. In turn, the circumference of the spinning disc becomes severely radioisotopic (figure 56).

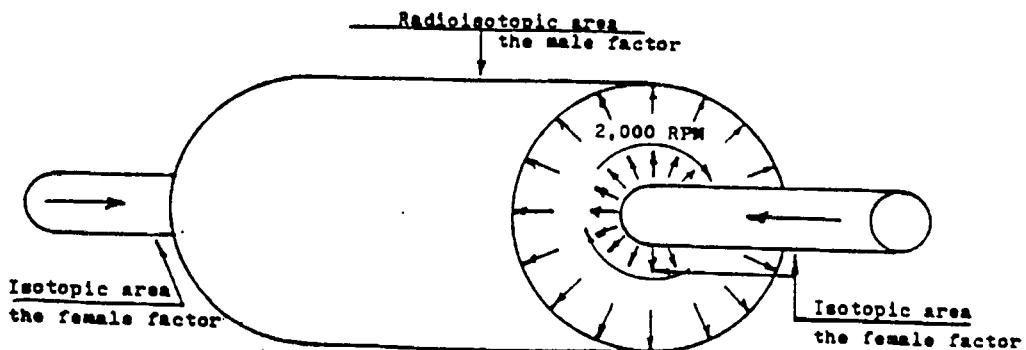


figure 56