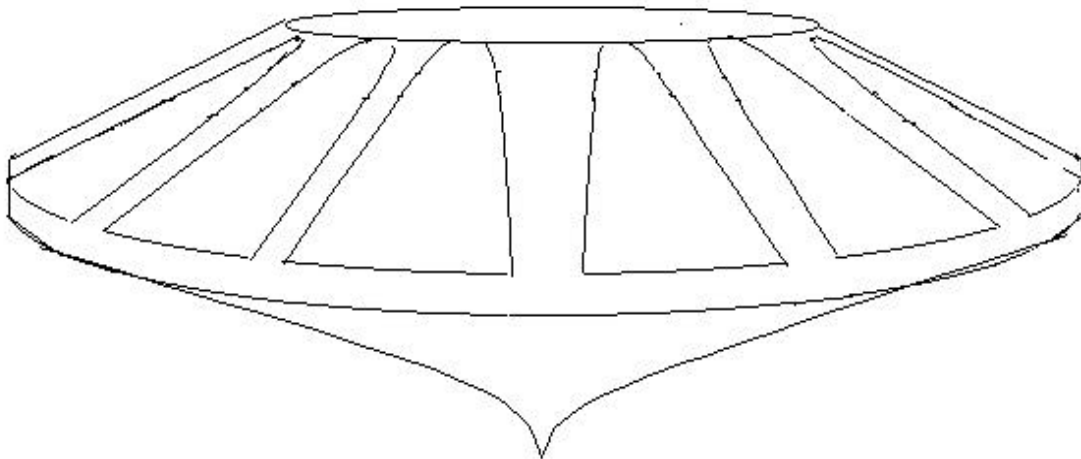


Mass Driver Field Production

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Gravitational Research
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Abstract: This paper presents a union of my own theory of electrogravitation and documented facts concerning the general structure and measured details of crop circles as reported by Pat Delgado and Colin Andrews in their book "Circular Evidence", Phanes Press, 1989.

The details of true crop circles are much too complex to be faked and the above mentioned book "Circular Evidence" leaves little doubt of this for even the most casual reader. The details of how the swirls in the crops are laid down and not broken, the braiding of runs of stems out towards the circles edges, the latent pondermotive (motor) effects of a string suspending a steel nut and a compass rotating like a small motor are but a few salient facts that establish that a true crop circle cannot be faked by jokesters with ropes, ladders, boards and the like. I recommend the book for anyone who desires the truth concerning the crop circle phenomena.

I have combined present quantum physics concepts in simple terms with my previously published work concerning electrogravitational action to provide the most likely field structure connected with the crop circle phenomena. I desire actual numbers as results when doing an analysis and therefore there is some math involved that the reader may skip over lightly if so desired but the math is important for an accurate descriptive mental picture of what the fields may actually look like and how they may be generated. For those unfamiliar with my previous works, the reader may link via the world wide web to my website main page, "Electrogravitational Mechanics" at <http://www.electrogravity.com>. The main page will allow for the reading and downloading of my book, "Electrogravitation As A Unified Field Theory" which is in Adobe Acrobat 3.0 format. Many related papers are also available.

I personally feel very strongly that true crop circles are generated by UFO style craft and further it is obvious that the entities that are creating them want us to figure out the field mechanics as well as why they want us to know that information. I suspect that the solution to what crop circles represent is absolutely important to every person on this planet. Time will tell but do we have that time?

Main Paper: To begin the mathematical analysis, relative parameters are first stated. This is necessary for the Mathcad 6.0 calculation engine which is the original source for this paper.

$q_o := 1.602177330 \cdot 10^{-19} \cdot \text{coul}$	Electron charge
$\epsilon_o := 8.854187817 \cdot 10^{-12} \cdot \text{farad} \cdot \text{m}^{-1}$	Permittivity of free space
$\mu_o := 1.256637061 \cdot 10^{-06} \cdot \text{henry} \cdot \text{m}^{-1}$	Permeability of free space
$l_q := 2.817940920 \cdot 10^{-15} \cdot \text{m}$	Classic electron radius
$c := 2.997924580 \cdot 10^{08} \cdot \text{m} \cdot \text{sec}^{-1}$	Velocity of light in free space
$t_e := 8.093301000 \cdot 10^{-21} \cdot \text{sec}$	Compton electron time
$i_e := q_o \cdot t_e^{-1}$ $i_e = 19.79633934287135 \cdot \text{amp}$	Compton electron current
$\lambda_e := 2.426310580 \cdot 10^{-12} \cdot \text{m}$	Compton wavelength of electron
$\lambda_{LM} := 8.514995416 \cdot 10^{-03} \cdot \text{m}$	Electrogravitational wavelength
$v_{LM} := 8.542454612 \cdot 10^{-02} \cdot \text{m} \cdot \text{sec}^{-1}$	Electrogravitational velocity
$f_{LM} := 1.003224805 \cdot 10^{01} \cdot \text{Hz}$	Electrogravitational frequency
$t_{LM} := f_{LM}^{-1}$	Electrogravitational time
$i_{LM} := q_o \cdot t_{LM}^{-1}$ $i_{LM} = 1.607344039464671 \cdot 10^{-18} \cdot \text{amp}$	EG current

For the least quantum electrogravitational electron energy:

$$E_G := \frac{\mu_o \cdot i_{LM} \cdot i_{LM}}{4 \cdot \pi \cdot l_q} \cdot \lambda_{LM}^2 \quad E_G = 6.647443295576935 \cdot 10^{-33} \cdot \text{joule} \quad \text{eq. 1}$$

For the electron rest mass energy:

$$E_e := \mu_o \cdot \frac{i_e \cdot i_e}{4 \cdot \pi \cdot l_q} \cdot \lambda_e^2 \quad E_e = 8.187111021641251 \cdot 10^{-14} \cdot \text{joule} \quad \text{eq. 2}$$

The phase parameters below are stated as being relative to the universal creation refresh event, a point of zero beginning current caused by an action potential, such as a spark gap. In quantum terms, this may also be termed by contemporary science as a current referenced to a universal zero point energy event.

$$\theta := \frac{\pi}{2} \quad \theta' := \frac{-\pi}{2} \quad \phi := \frac{\pi}{2} \quad \phi' := \frac{-\pi}{2} \quad \text{Phase parameters}$$

$$i_{e1} := i_e \cdot e^{j \cdot \theta} \quad i_{e1} = 1.212136147085208 \cdot 10^{-15} + 19.79633934287135j \cdot \text{amp}$$

$$i_{e1'} := i_e \cdot e^{j \cdot \theta'} \quad i_{e1'} = 1.212136147085208 \cdot 10^{-15} - 19.79633934287135j \cdot \text{amp}$$

$$i_{e2} := i_e \cdot e^{j \cdot \phi} \quad i_{e2} = 1.212136147085208 \cdot 10^{-15} + 19.79633934287135j \cdot \text{amp}$$

$$i_{e2'} := i_e \cdot e^{j \cdot \phi'} \quad i_{e2'} = 1.212136147085208 \cdot 10^{-15} - 19.79633934287135j \cdot \text{amp}$$

The four cases for energy related to the current phases above is stated below.

$$E_{e1e2} := \frac{\mu_o \cdot i_{e1} \cdot i_{e2}}{4 \cdot \pi \cdot l_q} \cdot \lambda_e^2 \quad \begin{array}{l} \text{Negative energy,} \\ \text{Non-conjugated fields.} \end{array} \quad \text{eq. 3}$$

$$E_{e1e2} = -8.18711102164125 \cdot 10^{-14} + 1.002598817655109 \cdot 10^{-29} \text{ j } \cdot \text{joule}$$

$$E_{e1'e2'} := \frac{\mu_o \cdot i_{e1'} \cdot i_{e2'}}{4 \cdot \pi \cdot l_q} \cdot \lambda_e^2 \quad \begin{array}{l} \text{Negative energy,} \\ \text{Non-conjugated fields.} \end{array} \quad \text{eq. 4}$$

$$E_{e1'e2'} = -8.18711102164125 \cdot 10^{-14} - 1.002598817655109 \cdot 10^{-29} \text{ j } \cdot \text{joule}$$

$$E_{e1'e2} := \frac{\mu_o \cdot i_{e1'} \cdot i_{e2}}{4 \cdot \pi \cdot l_q} \cdot \lambda_e^2 \quad \begin{array}{l} \text{Photon; conjugate currents; positive energy.} \end{array} \quad \text{eq. 5}$$

$$E_{e1'e2} = 8.18711102164125 \cdot 10^{-14} + 8.764638940925386 \cdot 10^{-46} \text{ j } \cdot \text{joule}$$

$$E_{e1e2'} := \frac{\mu_o \cdot i_{e1} \cdot i_{e2'}}{4 \cdot \pi \cdot l_q} \cdot \lambda_e^2 \quad \begin{array}{l} \text{Photon; conjugate currents; positive energy.} \end{array} \quad \text{eq. 6}$$

$$E_{e1e2'} = 8.18711102164125 \cdot 10^{-14} - 8.764638940925386 \cdot 10^{-46} \text{ j } \cdot \text{joule}$$

For the general case of the photon, I suggest that a standing wave bundle, in the shape of a double torus helix, is traveling at the velocity of light, c , where the fixed velocity of c is independent of the relative motion of the reference frame that emitted the photon. This constant velocity may be called a phase velocity in an invisible transmission line medium that is set by the henry/m and farad/m of free space.

$$v := \frac{1}{\sqrt{\epsilon_o \cdot \mu_o}} \quad v = 2.997924580625007 \cdot 10^8 \cdot \text{m} \cdot \text{sec}^{-1} \quad \text{eq. 7}$$

Where the standard velocity of light is: $c = 2.99792458 \cdot 10^8 \cdot \text{m} \cdot \text{sec}^{-1}$

Then a photon may be considered to be moving as a complex two-wave bundle of energy that is composed of conjugated magnetic and electric fields that initially, were electric potential derived and which was launched through the action of its own momentum imparted to it from the driving energy source. It is launched when the driving energy changes alternation polarity or phase. The associated magnetic components are each 90 degrees from the zero time of conception, at the point of zero current at any time thereafter. Therefore, there are two magnetic components, one 90 degrees advanced and one 90 degrees retarded from the zero event.

If the potential derived current related magnetic fields are not conjugated, as in the formulae above, it is not an ordinary photon but may be termed an anti-photon, since it represents negative energy. This double torus may not be stable since anti-photons are not observed. The two helixes may repel each other and form at the least two particles that now have rest mass.

The following calculations of gravitational force are scaled for the case of multiples of the Hydrogen atom making up the total mass of the Earth and a 1 kilogram test mass at the known mean radius of the Earth. The result will be only slightly higher than the presently accepted value. The error is due to the actual atomic make up of the Earth not being made of pure Hydrogen but it is readily seen that the answers fall very close to the expected force of attraction of a 1 kilogram mass at the surface of the Earth.

A normal gravitational action is presented below and following that, the case for antigravity is presented. First, some parameters needed for the calculations are presented.

$$\begin{aligned}
 m_{\text{earth}} &:= 5.98 \cdot 10^{24} \cdot \text{kg} & m_x &:= 1 \cdot 10^0 \cdot \text{kg} & m_p &:= 1.672623100 \cdot 10^{-27} \cdot \text{kg} \\
 r_{\text{earth}} &:= 6.37 \cdot 10^6 \cdot \text{m} & t_p &:= 4.407749287 \cdot 10^{-24} \cdot \text{sec} & i_{\text{LMp}} &:= i_{\text{LM}} \cdot t \cdot e \cdot t_p^{-1} \\
 K1_{\text{mult}} &:= m_x \cdot m_p^{-1} & K2_{\text{mult}} &:= m_{\text{earth}} \cdot m_p^{-1} & G &:= 6.67259 \cdot 10^{-11} \cdot \text{newton} \cdot \text{m}^2 \cdot \text{kg}^{-2} \\
 \theta &:= \frac{\pi}{2} & \theta' &:= \frac{-\pi}{2} & \phi &:= \frac{\pi}{2} & \phi' &:= \frac{-\pi}{2} & \text{Phase parameters}
 \end{aligned}$$

$$\begin{aligned}
 i_{\text{LMp1}} &:= i_{\text{LMp}} \cdot e^{j \cdot \theta} & i_{\text{LMp1}} &= 1.807108237622252 \cdot 10^{-31} + 2.951329187508631 \cdot 10^{-15} j \cdot \text{amp} \\
 i_{\text{LMp1}'} &:= i_{\text{LMp}} \cdot e^{j \cdot \theta'} & i_{\text{LMp1}'} &= 1.807108237622252 \cdot 10^{-31} - 2.951329187508631 \cdot 10^{-15} j \cdot \text{amp} \\
 i_{\text{LMp2}} &:= i_{\text{LMp}} \cdot e^{j \cdot \phi} & i_{\text{LMp2}} &= 1.807108237622252 \cdot 10^{-31} + 2.951329187508631 \cdot 10^{-15} j \cdot \text{amp} \\
 i_{\text{LMp2}'} &:= i_{\text{LMp}} \cdot e^{j \cdot \phi'} & i_{\text{LMp2}'} &= 1.807108237622252 \cdot 10^{-31} - 2.951329187508631 \cdot 10^{-15} j \cdot \text{amp} \\
 i_{\text{LM1}} &:= -i_{\text{LM}} \cdot e^{j \cdot \theta} & i_{\text{LM1}} &= -9.84181861753481 \cdot 10^{-35} - 1.607344039464671 \cdot 10^{-18} j \cdot \text{amp} \\
 i_{\text{LM1}'} &:= -i_{\text{LM}} \cdot e^{j \cdot \theta'} & i_{\text{LM1}'} &= -9.84181861753481 \cdot 10^{-35} - 1.607344039464671 \cdot 10^{-18} j \cdot \text{amp}
 \end{aligned}$$

For conjugated currents, the force is defined as positive and one of attraction.

$$\begin{aligned}
 & \text{SYSTEM \#1} & & \text{SYSTEM \#2} \\
 FG_{\text{LMa}} &:= \frac{\mu_o \cdot K1_{\text{mult}} \cdot i_{\text{LM1}} \cdot i_{\text{LMp1}} \cdot \lambda_{\text{LM}}^2}{4 \cdot \pi \cdot l_q \cdot r_{\text{earth}}} \cdot \mu_o \cdot \frac{K2_{\text{mult}} \cdot i_{\text{LM1}} \cdot i_{\text{LMp2}'} \cdot \lambda_{\text{LM}}^2}{4 \cdot \pi \cdot l_q \cdot r_{\text{earth}}} & \text{eq. 8a}
 \end{aligned}$$

$$FG_{\text{LMa}} = 9.861952417095449 + 3.397198484779545 \cdot 10^{-34} j \cdot \text{newton} \cdot \frac{\text{henry}}{\text{m}} \cdot \text{newton}$$

The newton * henry/m * newton product has only one of the newton terms as a variable. The other newton * henry/m terms exist as constant expressions and are therefore missing in the general expression for the gravitational action. The general expression for gravitation (non-relativistic) is presented in 8b below for comparison to 8a above. Both expressions are inversely proportional to r_{earth}^2 .

$$FG_{\text{accepted}} := \frac{G \cdot m_x \cdot m_{\text{earth}}}{r_{\text{earth}}^2} \quad FG_{\text{accepted}} = 9.833695575561464 \cdot \text{newton} \quad \text{eq. 8b}$$

Restating the currents as non-conjugated for the first system so that the currents are non-conjugated, we find that the resultant force is negative and one of repulsion.

$$\theta := \frac{\pi}{2} \quad \theta' := \frac{\pi}{2} \quad \phi := \frac{\pi}{2} \quad \phi' := \frac{-\pi}{2} \quad \text{Phase parameters}$$

$$\begin{aligned}
i_{LMp1} &:= i_{LMp} \cdot e^{j \cdot \theta} & i_{LMp1} &= 1.807108237622252 \cdot 10^{-31} + 2.951329187508631 \cdot 10^{-15} j \quad \cdot \text{amp} \\
i_{LMp1'} &:= i_{LMp} \cdot e^{j \cdot \theta} & i_{LMp1'} &= 1.807108237622252 \cdot 10^{-31} + 2.951329187508631 \cdot 10^{-15} j \quad \cdot \text{amp} \\
i_{LMp2} &:= i_{LMp} \cdot e^{j \cdot \phi} & i_{LMp2} &= 1.807108237622252 \cdot 10^{-31} + 2.951329187508631 \cdot 10^{-15} j \quad \cdot \text{amp} \\
i_{LMp2'} &:= i_{LMp} \cdot e^{j \cdot \phi} & i_{LMp2'} &= 1.807108237622252 \cdot 10^{-31} - 2.951329187508631 \cdot 10^{-15} j \quad \cdot \text{amp} \\
i_{LM1} &:= -i_{LM} \cdot e^{j \cdot \theta} & i_{LM1} &= -9.84181861753481 \cdot 10^{-35} - 1.607344039464671 \cdot 10^{-18} j \quad \cdot \text{amp} \\
i_{LM1'} &:= -i_{LM} \cdot e^{j \cdot \theta} & i_{LM1'} &= -9.84181861753481 \cdot 10^{-35} - 1.607344039464671 \cdot 10^{-18} j \quad \cdot \text{amp}
\end{aligned}$$

SYSTEM #1

SYSTEM #2

$$FG_{LMb} := \frac{\mu_o \cdot K1 \text{ mult} \cdot i_{LM1} \cdot i_{LMp1'} \cdot \lambda_{LM}^2}{4 \cdot \pi \cdot l_q \cdot r_{\text{earth}}} \cdot \mu_o \cdot \frac{\mu_o \cdot K2 \text{ mult} \cdot i_{LM1} \cdot i_{LMp2'} \cdot \lambda_{LM}^2}{4 \cdot \pi \cdot l_q \cdot r_{\text{earth}}} \quad \text{eq. 9}$$

Then, the case for antigravity is stated as:

$$FG_{LMb} = -9.861952417095449 + 1.207700959106904 \cdot 10^{-15} j \quad \cdot \text{newton} \cdot \frac{\text{henry}}{\text{m}} \cdot \text{newton}$$

We have a forced condition of SYSTEM 1 being assumed to have non-conjugated reactive currents and thus representing negative energy which yields a total action force that is antigravity.

We now move on to an actual test condition wherein SYSTEM 1 is considered to be composed of test currents only. This is the case for generating the gravitational action from quarter wave reactive currents flowing in a test transmission line that is shorted at one end. In this transmission line the standing wave that is developed is the result of two conjugate currents that are equal in magnitude but each flowing in the opposite direction.

First, let the formula above be solved for a test current that will represent 1 kilogram of force.

$$\text{Let: } G_{LMc} := 1 \cdot \text{newton} \cdot \frac{\text{henry}}{\text{m}} \cdot \text{newton} \quad \text{Also: } K1 \text{ mult} := 1$$

$$FG_{LMc} = \frac{\mu_o \cdot K1 \text{ mult} \cdot (i_{\text{test}})^2 \cdot \lambda_{LM}^2}{4 \cdot \pi \cdot l_q \cdot r_{\text{earth}}} \cdot \mu_o \cdot \frac{\mu_o \cdot K2 \text{ mult} \cdot i_{LM1} \cdot i_{LMp2'} \cdot \lambda_{LM}^2}{4 \cdot \pi \cdot l_q \cdot r_{\text{earth}}} \quad \text{eq. 10}$$

has solution(s)

$$\left[\begin{array}{c} \frac{-4}{\left[\mu_o \left(\frac{3}{2} \right) \cdot \left(\sqrt{K1 \text{ mult} \cdot \lambda_{LM}^2} \right) \right]} \cdot \pi \cdot l_q \cdot \frac{r_{\text{earth}}}{\left[\sqrt{K2 \text{ mult} \cdot \left(\sqrt{i_{LM1}} \cdot \sqrt{i_{LMp2'}} \right)} \right]} \cdot \sqrt{G_{LMc}} \\ \frac{4}{\left[\mu_o \left(\frac{3}{2} \right) \cdot \left(\sqrt{K1 \text{ mult} \cdot \lambda_{LM}^2} \right) \right]} \cdot \pi \cdot l_q \cdot \frac{r_{\text{earth}}}{\left[\sqrt{K2 \text{ mult} \cdot \left(\sqrt{i_{LM1}} \cdot \sqrt{i_{LMp2'}} \right)} \right]} \cdot \sqrt{G_{LMc}} \end{array} \right]$$

The first current solution is:

$$i_{\text{test1}} := \frac{-4}{\left[\mu_o \left(\frac{3}{2} \right) \cdot \left(\sqrt{K1_{\text{mult}} \cdot \lambda_{\text{LM}}^2} \right) \right]} \cdot \pi \cdot l \cdot q \cdot \frac{r_{\text{earth}}}{\left[\sqrt{K2_{\text{mult}}} \cdot \left(\sqrt{i_{\text{LM1}}} \cdot \sqrt{i_{\text{LMp2}}} \right) \right]} \cdot \sqrt{G_{\text{LMc}}} \quad \text{eq. 11}$$

$$i_{\text{test1}} = -3.383352192255402 \cdot 10^{-20} - 5.362690733154607 \cdot 10^{-4} \text{ j } \cdot \text{amp}$$

The second current solution is:

$$i_{\text{test2}} := \frac{4}{\left[\mu_o \left(\frac{3}{2} \right) \cdot \left(\sqrt{K1_{\text{mult}} \cdot \lambda_{\text{LM}}^2} \right) \right]} \cdot \pi \cdot l \cdot q \cdot \frac{r_{\text{earth}}}{\left[\sqrt{K2_{\text{mult}}} \cdot \left(\sqrt{i_{\text{LM1}}} \cdot \sqrt{i_{\text{LMp2}}} \right) \right]} \cdot \sqrt{G_{\text{LMc}}} \quad \text{eq. 12}$$

$$i_{\text{test2}} = 3.383352192255402 \cdot 10^{-20} + 5.362690733154607 \cdot 10^{-4} \text{ j } \cdot \text{amp}$$

The above test current solutions indicate that relatively small reactive currents can achieve a 1 kilogram force. *However, actual tests indicate that considerably more current does not generate a measurable force of action in a sensitive balance beam experiment.* The only parameter that may control this in system 1 that can be considered to be a variable factor in the free state of electron related current flow may be in the electrogravitational wavelength, λ_{LM} . Therefore to maximize the action during the test, physical elements related to that length may have to be part of the field generation structure.

Perhaps duplicating the geometry of the λ_{LM}^2 torus is the key to duplicating the UFO field action.

In the book, "Circular Evidence", [Ref. #1], the measurements of marks on the stems that were bent to the ground in a crop circle were noted to be about 1 millimeter wide and had a spacing of about 2 millimeters between the marks. The wavelength of the electrogravitational action is calculated previously in several of my works and is shown below:

$$\lambda_{\text{LM}} = 8.514995415999999 \cdot 10^{-3} \cdot \text{m} \quad r_{\text{LM}} := \frac{\lambda_{\text{LM}}}{2 \cdot \pi} \quad \text{eq. 13}$$

$$r_{\text{LM}} = 1.35520361086123 \cdot 10^{-3} \cdot \text{m} \quad 2 \cdot r_{\text{LM}} = 2.710407221722459 \cdot 10^{-3} \cdot \text{m}$$

This radius and diameter distance is pretty close to the measured burn marks on the plant stems. Perhaps the measured marks are a clue as to the field mechanics of how the UFO's interact directly with gravity to levitate.

It is apparent that the operators of the UFO craft are attempting to communicate the mechanics of their UFO technology using the designs left in the crop circles as important clues pointing directly to the required field mechanics. Their physical language is via symbolics, or so I have read concerning the Roswell story. I also suspect that the UFO operators communicate via telepathy and can read our thoughts. I wonder sometimes if the story of the tower of Babel construction brought about an event where the human race was deprived of our telepathic abilities due to our meddling in projects that the off-worlders considered to be a threat. Unable to communicate, we degenerated into babbling helpless creatures unable to communicate with each other or the creatures around us. There is some evidence that animals and insects still have telepathic ability.

Some important clues as to the nature of what the mechanics of UFO's are is presented next.

One of the very interesting crop circle findings that has been carefully recorded by Pat Delgado is a very interesting pendulum action. That is, he tied a half inch steel nut to a strong thread and when he held the 0.5 meter long string in his hand in the Punch Bowl's group of circles on July 25, 1987, he obtained the startling result that the bob at first hung motionless and then slowly began to describe a circle and rotated in a clockwise direction. Quote: "It gradually increased its described circle diameter until it settled at about 40 centimeters." [REF. 2]

He goes on to say that he now uses the described pendulum method above as one of his tests when recording the specifics of all crop circles. He further notes that the pendulum faithfully follows the lay and direction of the swirls. [REF. 3]

Pat Delgado also recounts the experience he had when he was alone in a field and was thinking to himself, "God, if you would only give me a clue as to how these are created." Also paraphrased is, 'he was greatly frightened when a static crackling noise started to come from a spot 3 meters away which grew louder and rose to a very loud pitch where he expected an explosion and then suddenly it stopped. This apparently lasted about six seconds'. [REF. 4]

Of further interest is the account given by an observer from Labrador City, Newfoundland. The clocks in their house were "turned back" by the overhead passing of a UFO during the night. "even in our conversation or the radio, TV or stereo. [REF. 5]

With the above information regarding crop circle characteristics and the earlier presentation of my formulae related to the electrogravitational action and wavelength, I am now prepared to offer an analysis as to the mechanics of UFO fields.

I have proposed that a photon is composed of two torus's coupled together due to the conjugate currents in each torus that bind the two torus's together. They would look like two rings or doughnuts, one stacked on top of the other. Now, it is an established fact that if a gamma ray, (very intense photon) that had at least the energy of two electron rest mass energies, passes next a heavy nucleus, the gamma ray will break apart into two particles, an electron and its antiparticle, the positron. They will move off in the opposite direction from each other and at a velocity related to how much original gamma ray energy was left over from producing the electron-positron pair absolute total rest mass. What has been accomplished by pair production is the conversion of photon energy into rest mass energy with some kinetic energy in the rest mass left over. This is quite different from what is the usual case of mass into energy such as in fission or fusion. This is energy into mass. A real force field is possible with energy into mass conversion.

Further, this bi-force field could be produced by splitting the composite two torus field and producing two quasi-mass fields that moved away from each other as a total reaction force that would not just resemble repulsion, it would be repulsion. A mass-driver mechanism is the result.

I have previously presented the concept of reality as we know it to be a refreshed projection of energy supported by the same energy in quantum space that caused the original Big Bang. I now suggest that UFO's are synchronized with this timing and can slip into and out of our 'reality' at will. Further, the production of the field associated with the mass field repulsion is also tied to the timing of the universal refresh action. What I am proposing is that the electrogravitational velocity v_{LM} is generated by splitting the two torus photon field around the UFO when the photon field has reached the energy to create the appropriate mass fields with just enough left over energy to allow for v_{LM} or velocity multiples of it. This will ensure that the electrogravitational wavelength, λ_{LM} , (which was mentioned above), will also be generated.

Kirlian photography reveals the following concerning a refresh event being possible: If a small part (approximately 2% to 10% of the total surface area) of a leaf is cut off of a leaf that is still attached to a live plant and then a kirlian photograph is taken, the missing part of the leaf will be replicated on the film. This has been replicated by enough researchers to know the effect is real. Then, not only does this suggest that there is a refresh energy, but that refresh energy makes its presence known by the latent image that appears on the photograph.

When Pat Delgado does his pendulum test, his pendulum is therefore following a refresh event. In otherwords, an event that was defined in our time by the action of the UFO mass driver field and now has the latency given to it by the universal refresh event. The rotating bob Pat Delgado is holding is following that refresh event which is describing a polyphase field that is moving around the circle much like a 3-phase motor rotor chases the field around the armature.

The solution of how the photon field is split is fundamental in building a successful UFO style mass driver system. I suspect the field is rotated to allow for the best stability if the craft due to the gyroscopic action inherent in a rotating mass. This implies that the field can be sectionalized and when phased in one direction or the other, a motor like field action is the result. Also, the natural action of the two torus field would require some sort of rotational aspect to creating the torus fields.

While in the photon mode, both torus fields would be rotating in the same direction physically, but would be of conjugate phase current wise. This would encourage them to stick together. When the bottom torus field was suddenly made the same phase as the top torus field, the two torus fields would repel each other. The top field would stay with the craft and the bottom field would repel away towards the ground, rotating as it went through its phases. This action-reaction force would force the craft to be pushed up away from the other torus field in the same manner as pair production. This concept is much better than anti-gravity since it would work in deep space far from planets or stars strong gravitational fields. A mass driver action as described above would work even if no other objects were in space near the craft.

The mass field projected as a reaction process could be the equivalent of the anti-particle in pair production and cause our local time to ratchet backwards.

Equation 1 and 2 previous may be stated in terms of c and v_{LM} in equations 14 and 15 below as follows:

For the electrogravitational energy:

$$E_e := \frac{\mu_o \cdot q_o^2}{4 \cdot \pi \cdot l_q} \cdot v_{LM}^2 \quad E_e = 6.647443289674559 \cdot 10^{-33} \cdot \text{joule} \quad \text{eq. 14}$$

For the electron rest mass energy:

$$E_G := \frac{\mu_o \cdot q_o^2}{4 \cdot \pi \cdot l_q} \cdot c^2 \quad E_G = 8.187111157449305 \cdot 10^{-14} \cdot \text{joule} \quad \text{eq. 15}$$

The actual craft photon field would comprise twice the sum of the two energies before the split. Instead of c , a rotational velocity would likely be used which could be less than the velocity of light but more than v_{LM} . Also, each equation represents only one pair of charges. The actual field generation would likely involve enough charges to build a very intense field.

The fact that Pat Delgado heard an increasing loudness and pitch of the field being generated in reference 4 above suggests a definite increasing rotation rate of the fields involved. Further, an electrical action was very likely at the heart of it where high currents and voltages were sum total to the result.

Since the mass field being projected below the UFO represents a negative energy, this is associated with negative time. Negative time reverses events in our positive time world and thus reverses current flow in electrical circuits that may be near and especially under the UFO. (Current is defined as charge per unit time.) This negative mass field would stop all electrical flow for both alternating and direct current circuits.

When the photon field is 'split' into the positive and negative mass fields the resultant downwards released negative mass field may actually further spontaneously split into smaller spinning field 'boloids'. As a young child of about 10 years of age I remember running away from something at night that was pulsing with light and becoming brighter as I watched. Turning, I ran in panic and thought for a second that there were bullets whizzing past my head. Now I realize that they were not bullets but more likely something happening in relation to the UFO lifting off behind my fleeing person. Perhaps something connected with the increasing spin and field intensity. There was later that night a full moon in the sky over our residence but I found out from my father that the sky was heavily overcast and the moon was supposed to be in its new phase.

It would take substantial energy input to power a craft such as one described in the above text. How this is accomplished is conjecture but I suspect that it may be achieved by tapping into the energy space that refreshes all of normal space matter. This may be accomplished perhaps by a powerful spark event that is resonant with the creation event. There is also a mode of operation wherein the UFO's can instantaneously jump through space via a quantum phase shift of the fields relative to the zero creation event. This is presented previously in my book "Electrogravitation As A Unified Field Theory", chaps. 7 & 12.

REFERENCES

- 1) Pat Delgado & Colin Andrews, Circular Evidence, p. 51, 1989 by Phanes Press.
- 2) Ibid: p. 177.
- 3) Ibid: p. 178.
- 4) Ibid: p. 66
- 5) Ibid: p. 186.