

Why our Understanding of Reality is False

One of the reasons why humans are handicapped in our understanding of reality is because of our reliance on the "scientific method". It is a system based on observation. The problem with this method is that our understanding of reality is corrupted by the limits imposed by observation. Indeed, as well we know, it is the perception of the observer that changes our reality.

This is a well understood rule. If you the reader, don't "get it", then you need to study quantum mechanics 101. For in the last two decades the entire foundation of our understanding of reality has been turned on it's head.

Now, this is a problem. It rally is. As we have successfully harnessed observed scientific laws to create machines and build up a civilization into the technological age. How can our understanding of reality be so wrong?

Let's take a look at this.

Introduction

Our society, and our technology has been built up over the last few centuries based on the application of the fundamentals of Newtonian Physical law. We have airplanes that fly in the sky, rockets that fly to the moon, buildings that tower into the heavens, and elevators that carry us skyward. How can all that be wrong?

I am reminded of an event while I was in High School. I was a member of the school Golf team. I wasn't that good at it, but it did allow me to get out and socialize with my friends. Now, one day we had a Golf coach come over and help us with our drives. This is where you take a wooden club and try to hit the ball as far as possible, in the direction you intend, without having any deviation from it's trajectory. It sounds easy, but it wasn't. Not really.



Here is a golfer hitting a “drive” on a nice day at a fine golf course. What’s not to love? When I was in High School, I was on the golf team to the extent that it did not interfere with my work schedule in the coal mines.

He came up to me and watched me swing. He stood beside me for about ten minutes watching me. Then he pulled me aside.

He told me that while my stance, my swing, my movements could hit the ball reasonably well, that was the extent of it. He told me that I had plateaued. I was doing the best that I could by using the technique that I was utilizing.

I could go no further.

As I tried to hit the ball harder, as I tried to focus better, as I tried to ease into my swing, I could never improve. I was at my limits.

He then taught me that I did not need to hit the ball so hard to get the distance. He told me that everything was in how I swung, and how I moved. He radically changed my entire posture and my swing. It was completely different than anything that I was doing previously.

The Two Plane Golf Swing



**Two Plane Address Position
(arms hang below shoulders)**

**Impact Plane
(through mid - back)**

Here is an illustration of what is known as the “two plane” golf swing. There are other techniques as well. The point is that to advance and move forward you have to use different techniques to improve your mastery of something.

And, you know what?

I hit the ball better, the balls traveled further and stayed on course without deviation. There were no “hooks”, and no “slices”. Everything was perfect. He was correct. I could only go so far with my (now, admittedly) crude application of my driving stance.

Science and technology are like that. Newtonian physics can only take us so far. To really master our reality, we need to fully understand and master our universe and the laws that control it. We need to look at how things work beyond the limits of our observation.

To prove that Newtonian Physics does not represent the reality that we inhabit, let's look at four paradoxes that clearly illustrate these limitations...

Paradoxes Involving the Second Law of Thermodynamics

"The tendency for entropy to increase in isolated systems is expressed in the second law of thermodynamics -- perhaps the most pessimistic and amoral formulation in all human thought."

--Greg Hill and Kerry Thornley, Principia Discordia (1965)

Unknown to most students of the sciences, the laws inherent in Newtonian Physics are not immutable and fixed (...though they are most certainly taught that in school.). That is because many of them are derived empirically.

Empirical evidence, also known as sensory experience, is the information received by means of the senses, particularly by observation and documentation of patterns and behavior through experimentation.

-Wikipedia

We treat them as fixed and immutable, but that is a genuine disservice to mankind. For they are not.

They are still just and only theories that best fit the observed phenomena of the observed physical universe. We need to remember this. They were all derived through empirical observation and calculated accordingly. This can lead to plenty of problems and is perhaps one of the reasons why FTL (faster than light travel) has been so problematic in implementation.

Since Einstein, physicists have been working on a theory of everything (TOE). Logic dictates that for a true TOE, the TOE must be able to propose from first principles, why conservation of mass-energy and conservation of momentum hold. If these theories cannot, they cannot be TOEs.

Unfortunately all existing TOEs have these conservation laws as their starting axioms, and therefore, are not true TOEs. The importance of

this requirement is that if we cannot explain why conservation of momentum is true, like Einstein did with LFT, how do we know how to apply this in developing interstellar propulsion engines?

We need to treat them as they really are and recognize from whence they were derived. Let's just look at one of these "rigid and immutable" laws that the entire foundation of science has been built upon. Let's look at the second law of Thermodynamics.

"The difference between science and the fuzzy subjects is that science requires reasoning, while those other subjects merely require scholarship."

-Robert Heinlein in: Time Enough for Love: the lives of Lazarus Long; a novel , (1973), p. 366

The second law of thermodynamics states that whenever energy is transformed from one form to another form, entropy increases and energy decreases. (In other words: over time, differences in temperature, pressure, and density tend to even out in a horizontal plane, but not in a vertical plane due to the force of gravity.)

For example, density and pressure do not even out in a vertical plane, and nor does temperature because gravity acts on individual molecules, and this means molecular kinetic energy interchanges with gravitational potential energy in free path motion between collisions.



Reality is a bitter pill to swallow. many people have invested their entire education, and careers all on a certain belief and theory. Often when it starts to fall apart or unravel with latest knowledge and experimentation, the statistis fight the revisions. They do not want their carefully constructed illusions shattered.

Everyone needs to recognize the foundations for this law. It is derived through experimental observation and not a mathematical proof. (Surprise!) The second law of thermodynamics is empirical. It has no fully satisfactory theoretical proof.

This being the case, its absolute validity depends upon its continued experimental verification in all the thermodynamic regimes; all of them.

To this end, over the years, physical processes involving broken symmetries

have been standard touchstones by which its validity has been tested. Each time this “immutable” law has been challenged; paradoxes have cropped up, and immediately ignored. The problems that we have so discovered suddenly become ignored. It is as if they do not matter.

This is disingenuous.

As the paradoxes point towards directions that we need to resolve so we can better understand the nature of the universe around us. It is how we learn. It is how we grow, and expand our science. The thing is, it’s not just one or two “small” paradoxes, but multiple paradoxes that shatter the fundamental bedrock of the Newtonian belief structure.

Introduction to Four Paradoxes

Let’s look at four such paradoxes.

In each paradox, the (task directed) “universe” consists of an infinite isothermal heat bath in which is immersed a blackbody cavity. Within each cavity, steady-state, non-equilibrium thermodynamic processes create spontaneous asymmetric momentum fluxes which are harnessed to do steady-state work.

If one demands the first law of thermodynamics is satisfied by these systems, then apparent contradictions with the second law of thermodynamics result.

The reader should not be too overwhelmed by the unfamiliar terminology. All of this is standard engineering fare for the initiated. This is how engineers talk and communicate to each other. We establish a basic “playing field” from which we can build and create our particular state for discussion.

So, if you want to disparage my contention that MWI exists, and that transports have been available to egress for the last fifty some years, then show me how my argument is facetious. Prove to me that Newtonian Physics can be used to prove that quantum Physics does not apply on the macro scale. Solve these paradoxes.

The reader should recognize that none of this is new.

I am not the first person to “discover” these paradoxes, nor am I the first to address them. Indeed, there have been many laboratory experiments and numerical simulations that have corroborated theoretical predictions and have failed to resolve the paradoxes in favor of the second law. Many tests, and many theories, but no solutions.

To this point, it can be shown that broken symmetry in each of these four systems’ thermodynamic properties allows asymmetric momentum fluxes to arise spontaneously and that these fluxes can be harnessed to perform work utilizing a second broken symmetry in each system’s geometry.

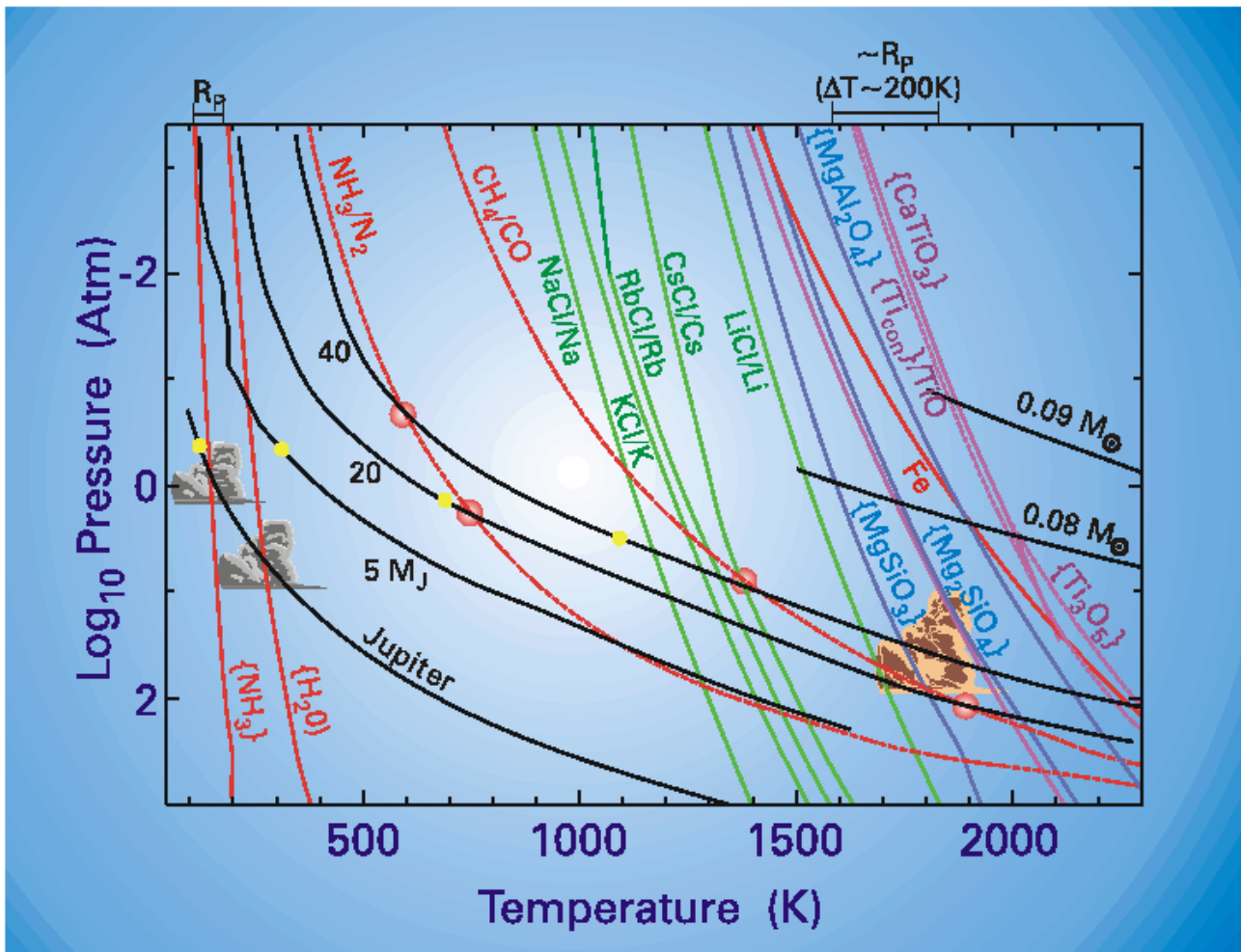
We can show... that a broken symmetry...in each of these examples... thermodynamic properties... allow... asymmetric momentum fluxes... to occur, and...thus work can be observed occurring.

Paradoxes should never be discounted, as they are critically important in understanding how the universe works around us. I argue the point that by illuminating the characteristics shared by these paradoxes, it is hoped that their resolution can and will be expedited.

The reader might think that asymmetries such as these are thermodynamically forbidden and that each system must relax to an equilibrium characterized by spatial homogeneity.

This is not the case.

In fact, “equilibrium” does not at all forbid spatial gradients so long as they are *steady-state* ones. For example, the asymmetric momentum fluxes to be introduced shortly (in this post) in Systems II, III, and IV are no more than steady-state pressure gradients. Equilibrium (steady-state) pressure gradients are quite ubiquitous in nature.



Temperature-Pressure Profiles of Brown Dwarfs and Giant Planets, with Gas Equilibrium and Condensation Curves for Several Major Species.

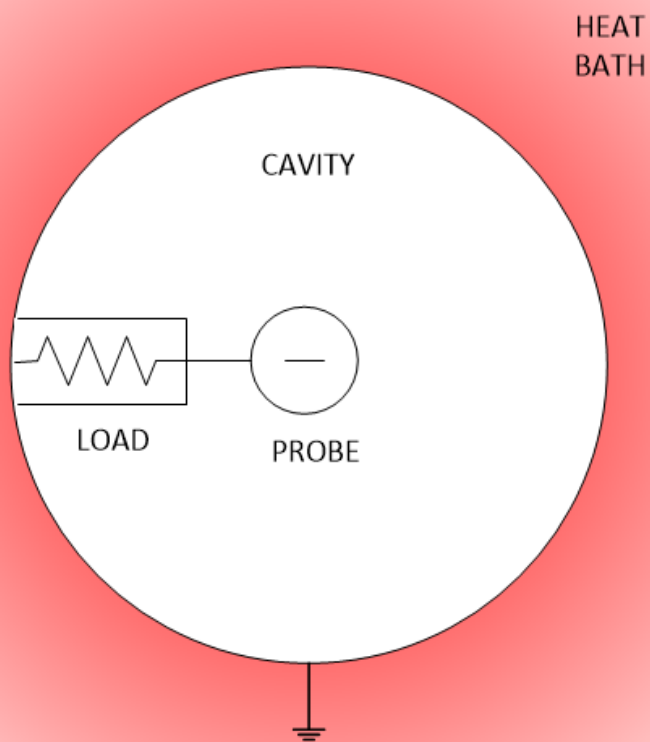
For instance, they are standard features of gravitationally-bound, isothermal, static atmospheres on idealized planets. In a uniform gravitational field, one can write the gas pressure as a function of vertical height, z , as $p(z) = p_0 \exp[-mg(z-z_0)/kT]$, where m is the mass of the gas molecule, kT is the thermal energy, g is the local gravitational acceleration, and p_0 is a fiduciary pressure.

Clearly, this atmosphere possesses a vertical pressure gradient at equilibrium. Similarly, the pressure gradients in Systems II-IV are steady-state structures, but unlike the atmospheric gradient which is static and due to a static potential gradient (gravity), these pressure gradients are dynamically maintained by the continuous effluxes from two surfaces having

different activities toward the cavity gas. Furthermore, these pressure gradients can do work.

Let's look at the four paradoxes and briefly review them;

The Four Paradoxes



Schematic of paradoxical system #1.

System I

The system I consists of a blackbody cavity containing a low-density plasma and an electrically conducting probe connected to the walls through a load, as shown in the figure above. The load may be conservative (e.g. a motor) or dissipative (e.g. a resistor).

The probe and load are small enough to represent minor perturbations to the cavity properties.

The walls are grounded to the heat bath both thermally and electrically ($V_{ground} = 0$). The potential between the bulk plasma and the cavity walls – the plasma potential, V_p – may be positive or negative depending on the work function and temperature of the walls, and the plasma type and concentration.

For an electron-rich plasma and in the absence of any net current to the plasma or walls, V_p may be estimated by equating the Richardson emission, J_R from the walls to random electron flow from the plasma into the walls:

$$J_R = AT^2 \exp\left(-\frac{e\Phi}{kT}\right) \exp\left(\frac{eV_p}{kT}\right) = \frac{nev_e}{4}$$

Equation #1.

Here ϕ is the wall's work function, T is temperature, V_p is the plasma potential, v_e is the average electron thermal speed, k is the Boltzmann constant, m_e is the electron mass, n is the plasma particle density, and A is the Richardson constant (about $6-12 \times 10^5 (\text{A/m}^2\text{K}^2)$ for pure metals).

Under either equilibrium or non-equilibrium conditions, V_p will be non-zero except for very specific plasma parameters; in particular, $V_p = 0$ at the critical density, $n_c = (4AT^2/e v_e) \exp[-e\phi/kT]$, as derived from Eq. (1)

above.

The probe will achieve a potential with respect to the plasma and walls depending on its temperature, resistance to ground (load resistance, R_L), and the current to it. Since it is nearly in thermal equilibrium with the walls, the probe is self-emissive and, therefore, electrically floats near the plasma potential so long as R_L is large. If $V_p \neq 0$, a current can flow continuously from the probe, through the load, to ground. This current represents an asymmetric momentum flux.

The generated power may be expressed as;

$$dW/dt = I_L^2 R_L \approx (V_p^2 / R_L)$$

The entropy production rate is;

$$dS/dt = (1/T) (dW/dt) \approx (V_p^2 / R_L T)$$

this will be positive (negative) for a purely dissipative (conservative) load. Laboratory experiments corroborate this effect.

Note: this paradox is not limited to systems with thermionically emitting walls and probe; any plasma with a non-zero floating potential appears viable. The paradox can be brought into sharper relief by placing a switch between the probe and the load. When the switch is open, the probe is physically disconnected from the walls (ground) and will electrically charge as a capacitor to the plasma floating potential. When the switch is closed, the probe will discharge as a capacitor through the load and plasma, achieving the non-zero voltage depicted. With an ideal switch, this charging and discharging of the probe through the load can be repeated indefinitely.

If this system does steady-state work on the load while maintaining spatially steady-state temperature and species concentration profiles, and if the first law of thermodynamics is satisfied, then a paradox involving the second law naturally develops.

Formally, the first law states:

$$[\Delta Q - \Delta W]_{hb} = -[\Delta Q - \Delta W]_c$$

Where $[\]_{hb}$ refers to the heat bath and $[\]_c$ refers to the cavity. The heat bath supplies heat, but does no work, so $\Delta W_{hb} = 0$.

If the load is conservative and each part of the cavity is at a steady state temperature, then $\Delta Q_c = 0$. (It is assumed, without further justification, that there are no net phase changes or chemical reactions in the cavity.)

Returning to the first law, since $\Delta W_{hb} = 0$ and $\Delta Q_c = 0$, this leaves $\Delta Q_{hb} = \Delta W_c$. The cavity does positive work, so $\Delta W_c = \Delta Q_{hb} < 0$; in other words, the work performed by the load is drawn as heat from the heat bath, a reasonable result.

Here's a great opportunity to pull out an entropy-Pressure diagram out of some old text books. I don't get this opportunity often, so I relish the opportunity as it presents itself.

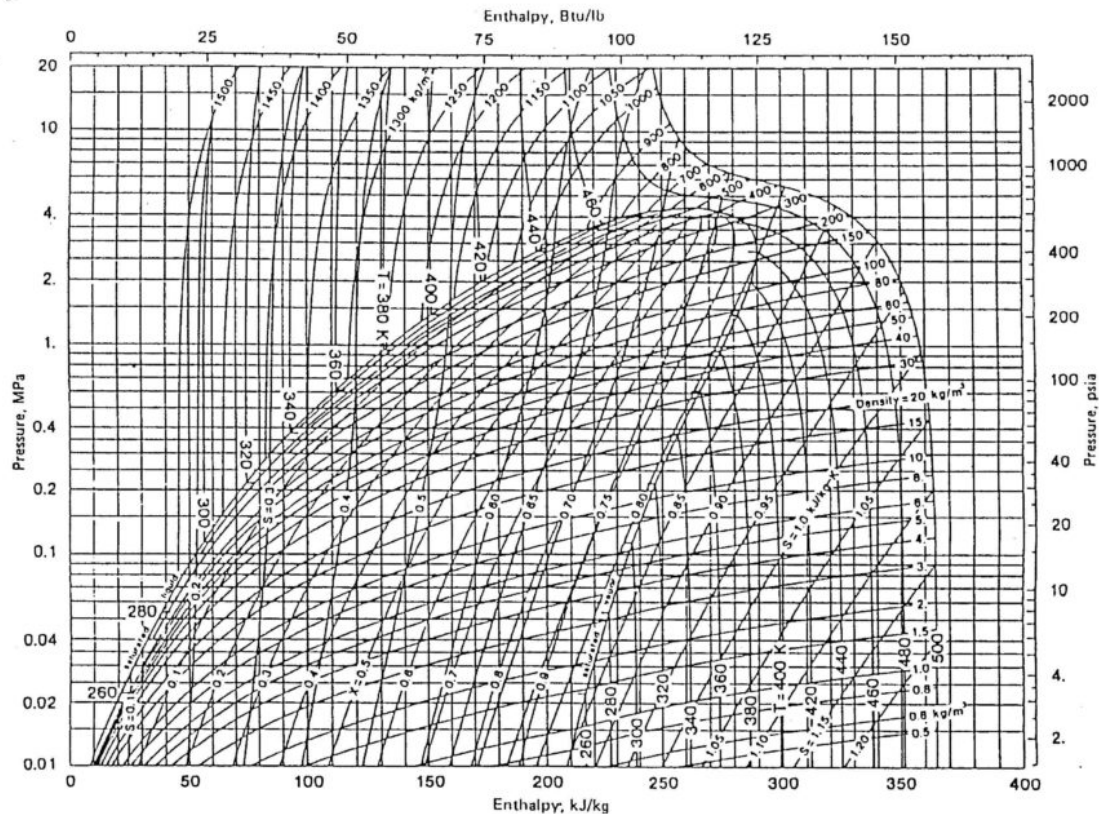


FIG. 3-3J Enthalpy-log-pressure diagram for Refrigerant 11. 1 MPa = 10 bar. (Copyright 1981 by the American Society of Heating, Refrigerating and Air-Conditioning Engineers and reproduced by permission of the copyright owner.)

Here is a nice typical steam pressure enthalpy diagram showing pressure and properties for a refrigerant. All of which has been derived empirically. As is just about everything in applied engineering.

Now consider the second law. Entropy is an additive thermodynamic quantity so the entropy change for the universe can be written:

$$\Delta S_{universe} = \Delta S_{hb} + \Delta S_c$$

Since $\Delta Q_c = 0$, one has for the cavity, $\Delta S_c = \Delta Q_c / T = 0$. Equivalently, one may argue that entropy is a state function and the closed cavity is in a steady state – having no net phase changes, chemical reactions, temperature or volume changes, the number of microstates available to it is fixed –

thus the entropy of the cavity is time invariant, and so $\Delta S_c = 0$.) With $\Delta S_c = 0$, one is left with:

$$\Delta S_{universe} = \Delta S_{hb} = \Delta Q_{hb}/T_{hb} < 0$$

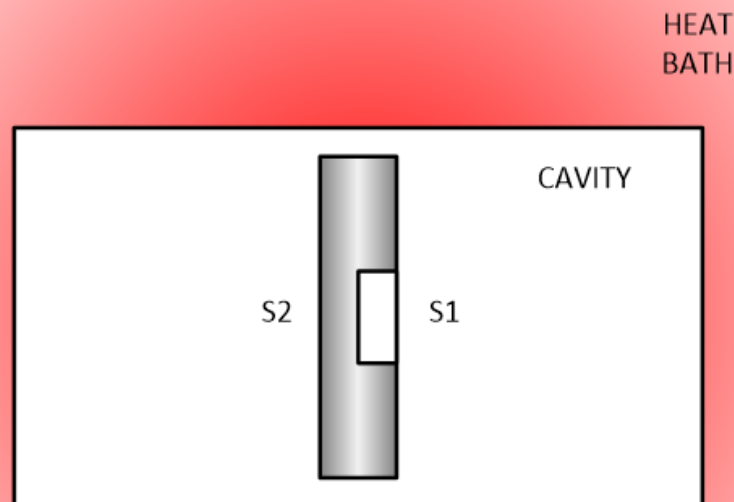
This violates the second law of thermodynamics, namely that for any spontaneous thermodynamic process, $\Delta S_{universe} \geq 0$. If one replaces R_L with a dissipative load, the second law is violated still, since a forbidden, permanent temperature gradient has been established between the load and the cavity ($T_{load} > T_c$).

Note that this system is not in thermal equilibrium; this process is irreversible. In order to use validly equilibrium thermodynamic relations, the work must be performed "slowly."

This can be achieved to any degree of precision desired by adjusting the load resistance. Similar arguments establish the remaining three paradoxes. Note also, neither this system nor the other three utilize standard thermodynamic cycles or a low temperature heat reservoir.

System II

Paradoxical system II is a mechanical analog to system I. It too, it consists of a blackbody cavity surrounded by the heat bath. The cavity contains a low density ionizable gas, B, and a frictionless, two-sided piston (See Figure below).



Paradox #2.

As before, Richardson emission greatly exceeds ion emission for all surfaces, giving an electron-rich plasma with a negative plasma potential. The majority of the piston is of identical composition as the walls (surface type 2, $S2$), however, on one piston face is a small patch having a different work function (surface type 1, $S1$). It is small in the sense that it is relatively unperturbing to global plasma properties.

The work functions of $S1$ and $S2$ and the ionization potential of B are ordered as: $\phi_1 \gtrsim I. P. > \phi_2$.

Plasma production is straightforward: electrons are “boiled” out of the metal (Richardson emission) and ions, created by surface ionization, are accelerated off the metal surface by the electron negative space charge. Ions, in turn, ease the electrons’ space charge impediment, thus releasing a quasi-neutral plasma from the surface. Actually, if $V_p < 0$, this is essentially a charge-neutralized, low-energy ion beam leaving the surface. In fact, this plasma can be roughly considered to be an unmagnetized, three-dimensional Q-plasma with a sliding hot plate.

The ordering $\phi_1 \geq \phi_2$ allows, with appropriate plasma density and temperature, and surface areas $((SA)_2 \gg (SA)_1)$, the following: surface 1 ionizes B well and recombines it poorly while surface 2 ionizes B poorly, but recombines B well.

Surface 2 dominates plasma properties by virtue of its greater surface area $((SA)_2 \gg (SA)_1)$, therefore, the net flux of B to any surface is predominantly neutral B . Surface 1 will be relatively unperturbing to cavity plasma conditions if the $S1$ ion current into the plasma is much less than the total $S2$ ion current. The electron emission off $S2$ exceeds that off $S1$ by a factor $\exp[(\phi_2 - \phi_1)/kT]$. The electron current density from each surface is given by Eq. (1) above.

Because of the differences between neutral, electronic, and ionic masses and the different currents of each leaving $S1$ and $S2$, a steady-state asymmetric momentum flux density (a “net pressure difference,” ΔP), is sustained between piston faces. It has been shown that this pressure difference is roughly

$$\Delta P \approx -\frac{p_{i,2} n_n kT}{2} - \frac{\pi}{4} \frac{m_e v_e}{e} J_{R,1} + m_i \frac{n_n v_n}{4} p_{i,2} \sqrt{-\frac{2eV_p}{m_i}}$$

Equation #2

where $p_{i,2}$ is the ionization probability of B on $S2$, n_n is the neutral density, $J_{R,1}$ is the Richardson current density from $S1$, m_i is the ion mass, and v_n is the neutral thermal velocity.

The first, second, and third terms represent neutral, electronic, and ionic pressures, respectively. Laboratory experiments corroborate steady-state differential thermionic emission from different surfaces under blackbody conditions. Numerical simulations, using realistic physical parameters, indicate the pressure effect is small, but significant. If the piston moves slowly ($\dot{\epsilon}_{piston} \ll \dot{\epsilon}_n$) and performs work quasi-statically, it generates steady-state

Ref; Sheehan, D. P. (1996). Phys. Plasmas, 3, 104.

$$(dW/dt)_{piston} = \Delta P(SA)_1 v_{piston}$$

and produces negative entropy at the rate,

$$dS/dt = (1/T) (dW/dt)_{piston}$$

Notice that, even in the absence of a plasma potential, V_p , the paradoxical effect persists so long as the ionization probability of the two surfaces are distinct.

System III

Paradoxical system III is the chemical-mechanical analog of system II. It consists of a blackbody cavity with piston into which is introduced a small quantity of dimeric gas, A_2 . The cavity walls and piston are made from a single material, surface type 2 (S2), except for a small patch of a different material, surface type 1 (S1), on one piston face, as shown in the figure for System II. Note S1 and S2 here are distinct from those in system II.) The chemical model for this system assumes the following:

1. the gas phase density is low such that gas phase collisions are rare compared with gas-surface collisions, however, it is sufficiently high that rms pressure fluctuations are small compared with the average pressure;
2. all species contacting a surface stick and later leave in thermal equilibrium with the surface;
3. the only relevant surface processes are adsorption, desorption, dissociation, and recombination;
4. the fractional surface coverage is low, so adsorption and desorption are first order processes;
5. A_2 and A are highly mobile on all surfaces and may be treated as a two-dimensional gas; and
6. atomic and molecular species are retained sufficiently long on any surface to achieve close to chemical thermal equilibrium in the surface phase.

These conditions are physically realistic and have been shown to be self-consistent[i]. For these conditions, it can be shown that, in principle, S_1 and S_2 can simultaneously desorb different ratios of A and A_2 in a steady-state fashion. However, since two A 's together impart $2^{1/2}$ times the impulse to the piston as does a single A_2 (all leaving in thermal equilibrium with the surface), asymmetric momentum fluxes can be sustained between the piston surfaces. (Another way to view this is: equipartition of energy does not imply equipartition of linear momentum.) The pressure imbalance on the piston faces can be used to perform work in a similar manner to system II.

Ref: Sheehan, D. P. (1998). Phys. Rev. E., 57, 6 (in press).

For low surface coverage where desorption is a first order process, the desorption rate ratio for A and A_2 , $R_{des}(A_2)/R_{des}(A) \equiv \alpha$, is given by:

$$\alpha \equiv \frac{R_{des}(A_2)}{R_{des}(A)} = \frac{n(A_2)}{n(A)} \frac{F(A)}{F(A_2)} \exp\left\{\frac{\Delta E_{des}(A) - \Delta E_{des}(A_2)}{kT}\right\}$$

Equation #3.

Here $\Delta E_{des}(A_j)$ is the desorption energy of A_j ; $n(A_j)$ is the surface concentration of

$$A_j(\text{m}^{-2}) \text{ and } F(A_j) \equiv (f/f^*)_{A_j}$$

is a ratio of partition functions. f is the partition function for the species in equilibrium with the surface, and f^* is the species-surface partition function in its activated states.

For real surface reactions, $F(A_j)$ typically ranges between roughly 10^{-3} - 10^4 . Experimental values of desorption energy, ΔE_{des} , typically range from about 1 kJ/mol for weak physisorption up to about 400 kJ/mole for strong chemisorption.

The ratio α varies as $0 \leq \alpha \leq \infty$ depending on the values of the several variables in Eq. (3). Experimental signatures of differential α 's (some under quasi-blackbody conditions) are abundant.

If $\alpha_1 \neq \alpha_2$, and if the instantaneous fluxes of A and A_2 from S_2 each greatly exceed those from S_1 so that S_1 can be treated as an impurity (i.e. $R_{des}(2, A_2)/R_{des}(1, A_2) \gg (SA)_1/(SA)_2$ and $R_{des}(2, A)/R_{des}(1, A) \gg (SA)_1/(SA)_2$, then a steady-state difference in momentum flux density (net pressure difference, ΔP) can be sustained between piston faces. Here $(SA)_j$ is the surface area of the j^{th} surface.

This pressure difference can be expressed:

$$\Delta P = (2 - \sqrt{2}) m_A v_A R_T(A) \left[\frac{\alpha_2 - \alpha_1}{(2\alpha_1 + 1)(2\alpha_2 + 1)} \right]$$

Equation #4.

where $R_T(A)$ is the total flux density of A onto a surface,

$$R_T = [n(c, A)v_A + 2n(c, A_2)v_{A_2}] / \sqrt{6\pi}$$

Here $n(c, A_j)$ is the cavity concentration of A or A_2 . In the limit that $\alpha_2 \gg 1 \gg \alpha_1$, the greatest pressure difference is obtained; it is roughly:

$$\Delta P \approx 0.3m_A v_A R_T(A)$$

This pressure difference is steady-state since the dynamic chemical processes giving rise to it are steady state. If this pressure difference is significantly greater than the statistical pressure fluctuations in the cavity, then, in principle, it can be exploited to do steady-state work. The power and entropy production rates here are the same as for system II. As for system II, the piston must move slowly compared with the thermal velocity of gaseous A_2 . Note that, when the piston moves, the volume and surface phases for this system are not in equilibrium; in fact, they are in steady-state non-equilibrium.

This chemical system has been simulated numerically. Closed-form, analytical equations have been developed and solved simultaneously using realistic physical parameters. Solutions confirm the possibility of this paradoxical effect; it is probably small – but significant – and appears viable over a wide range of physically accessible parameters. Laboratory systems displaying this effect are currently being sought.

Ref: Sheehan, D. P. (1998). Phys. Rev. E., 57, 6 (in press).

System IV

To introduce System IV, consider an everyday scenario: from the same height, drop a glass marble onto two different surfaces, for instance, a

hardwood floor and a soft rug. The marble in elastically rebounds to different heights, demonstrating the different inelastic (endoergic) responses of the two surfaces.

Inherently, these collisions are non-equilibrium processes.

Analogous non-equilibrium behavior is observed on the atomic scale: it is well known that hyperthermal gas-surface collisions can excite energy states associated with internal degrees of freedom of either the collider or target – e.g. rotational, vibrational and electronic modes, phonons, plasmons – thereby rendering the collisions inelastic.

In fact, a number of standard surface diagnostics are based upon just such characteristic inelastic responses. In contrast, at thermal equilibrium gas-surface collisions must, on average, be elastic, otherwise more direct contradictions with the second law arise.

(“Hyperthermal” collisions are those with impact energies far above thermal energies - typically a few tenths of an eV up to about 100 eV in energy.)

Studies indicate energy transfer efficiencies from hyperthermal colliders - to targets can range from a few percent to over ninety percent of incident atom kinetic energies. Motivated by these observations, a simple, idealized system is considered:

Ref; Zeiri Y. & Lucchese, R. R. (1991). J. Chem Phys., 94, 4055.

System IV; a strongly gravitating rod, whose ends have different inelastic responses to hyperthermal impacts by a particular gas, is placed at rest in a blackbody cavity with that gas.

When steady state is reached, gas continuously falls hyperthermally onto the rod, inelastically rebounds to different degrees from the rod ends, and is rethermalized in the blackbody cavity.

The particle fluxes to and from both rod ends are identical, but the momentum fluxes are different, giving rise to a net force on the rod. If released, the rod accelerates in the direction of the net force and, in principle, can be harnessed to do mechanical work.

The idealized system consists of:

- an infinite heat bath;
- a large, spherical blackbody cavity;
- a low density gas in the cavity; and
- a rod gravitator.

The rod (length $2L_g$) has symmetric mass density $\rho(x) = \rho(-x)$ about its center at $x = 0$, but its end surfaces ($S1$ and $S2$) are composed of two materials distinct in their inelastic responses to gas atoms (mass m_A). In other words, for $S1$ and $S2$ one can write the inelastic response functions as distinct:

$$v_f(1, v_i) \neq v_f(2, v_i)$$

The inelastic response function for surface j , $\varphi_f(j, \varphi_i)$, maps the velocity of a particle before impact, φ_i , onto its velocity after impact, φ_f . The rod represents a minor perturbation to the overall cavity properties. Its gravitational scattering length L_s is much smaller than the cavity scale length, L_c . As a result, N_s , the ratio of the average number of wall collisions a gas atom undergoes (N_{wall}) to the average number of rod collisions (N_{rod}) it undergoes, is large; that is,

$$N_s \equiv N_{wall} / N_{rod} \approx (L_c / L_s)^2 \gg 1$$

Gas colliding with the cavity walls, regardless of its history, is diffusely scattered (for rough walls), well mixed, and fully thermalized within a few wall collisions.

For the rod at rest at the cavity center then, gas populations in falling from the walls to $S1$ and $S2$ maybe taken to be fully thermal and identical in temperature and density. In terms of the velocity distribution functions, this is:

$$(f_I(1, |v|) = f_I(2, |v|)$$

And

$$f_{II}(1, |v|) = f_{II}(2, |v|)$$

The velocity distributions for gas in falling from $x = \pm L_c$ are half-Maxwelians, $f_I(j, \square)$. When they arrive at $S1$ and $S2$ they are velocity space compressed due to their falls through the gravitational potential, becoming $f_{II}(j, \square)$.

The rebounding distributions, $f_{III}(j, \square)$, are distinct for the two surfaces.

After climbing out of the gravitational well, the velocity space expanded distributions $f_{IV}(j, \square)$ are rethermalized at the walls.

Gravitationally bound gas, $f_V(j, \square)$, forms an atmosphere around the rod.

The cavity contains blackbody radiation and gas whose mean free path is comparable to or greater than the distance between the rod and the walls.

Gas kinetic energy fluxes are much smaller than radiative energy fluxes; in other words, blackbody radiation dominates the system's energy transfers.

Small surface temperature variations arising from inelastic collisions are quickly smoothed out by compensating radiative in- or effluxes. This model is valid over a wide range of physically realistic parameters and is well approximated by a planet-sized gravitator in a low density gas housed in blackbody cavity of solar system dimensions. In the following analysis, the rod will be treated one dimensionally; however, it can be shown, in retrospect, that the following results generalize to two and three dimensions.

The net force on the stationary rod can be determined from conservation of linear momentum, accounting for both incident and reflected particle fluxes. As discussed previously, since

$$f_I(1, |v|) = f_I(2, |v|)$$

And

$$f_{II}(1, |v|) = f_{II}(2, |v|)$$

by symmetry, the net force on the rod (at rest) due to incident gas is zero. However, the net force due to the inelastically reflecting gas need not be zero since equations

$$f_{III}(1, |v|) \neq f_{III}(2, |v|)$$

And

$$f_{IV}(1, |v|) \neq f_{IV}(2, |v|)$$

state otherwise.

Consider the $S1$ rod end. The incident particle flux density which in falls from the walls at $x = -L_c$ to $S1$ at $x = -L_g$ is

$$N_i(1) = \int_0^\infty v f_{II}(1, v) dv$$

From conservation of mass, the incident particle flux density is equal to the reflected particle flux density:

$$N_i(1) = N_f(1) = \int_0^\infty v f_{III}(1, v) dv$$

The differential momentum flux density for the rebounding gas (taken at $x = -L_g$) is

$$dF_p(1) = [m_A v] dN_f(1) = m_A v^2 f_{III}(1, v) dv$$

Only atoms with

$$v \leq -v_{esc}$$

will climb completely out of the gravitational potential well; the remainder will fall back to the rod, form an atmosphere, and eventually evaporate as the

$$(v \leq -v_{esc})\text{-tail of } f_v(1, v)$$

Accounting for the gravitational back-reaction of the gas on the rod as it climbs out of the gravitational well, the total average

steady-state momentum flux density on surface S1 is:

$$F_P(1) \approx M_A \int_{-v_{esc}}^{-\infty} v \sqrt{v^2 - v_{esc}^2} [f_{III}(1, v) + f_V(1, v)] dv$$

Equation #5.

The approximation (\approx) is due to the finite cavity size; in the limit of $L_c \rightarrow -\infty$, the expression becomes exact. For S2, $-\infty \rightarrow +\infty$ and $-\infty \rightarrow +\infty$ in the limits of integration.

In the limit of a tenuous atmosphere, the momentum flux density due to the $(|v| \geq |v_{esc}|)$ -tail of $f_v(j, v)$ is negligible. In fact, $f_v(j, v)$ is negligible for systems with [1] low gas densities, n_A , and with [2] inelastic response functions, $f_f(j, v_i)$ which do not shift $|v_f|$ significantly below $|v_{esc}|$.

By conservation of linear momentum, the average net momentum flux density(-pressure) on the rod as a whole is;

$$\Delta F = F_p(1) - F_p(2)$$

if

$$v_f(1, v_i) \neq v_f(2, v_i)$$

In the velocity range of the colliding gas, then except under extremely contrived conditions, one has $\Delta F \neq 0$.

In other words, under steady-state thermodynamic conditions, a stationary, gravitating rod with different inelastic responses on its ends can, in principle, experience a non-zero, steady-state force when placed in a suitable gas.

If the rod is released, this force can be harnessed to do work at the expense of the heat bath, as discussed previously.

Two Broken Symmetries

Each paradox arises due to a synergism between two broken symmetries -one thermodynamic and one geometric. Each is necessary, but alone insufficient.

A broken geometric symmetry is constructed into each system. System I possesses almost perfect radial symmetry; this symmetry is broken by the electrical connection from the probe, through the load, to ground.

In the case of disconnection, the probe will randomly and radially receive current from the walls through the plasma and radially and randomly return this current to the walls back through the plasma. This is the equilibrium (fully symmetric) case.



Confront the truth or begin all over. When theories are made they are based on observation. As we improve our technology, we are able to observe more things in much better detail. Our theories need to be revised and must adapt to the latest discoveries. If we are unable to adapt, then we must begin all over with a new theory that describes the totality of all that we now observe.

If the load is connected, however, the probe's return current has an alternate path to ground and the radial symmetry of the current flow is broken. Analogously, in systems II-IV, the piston's constrained, one-dimensional motion effectively reduces (breaks) the systems' three dimensionality to one.

These broken geometric symmetries are necessary to exploit each system's broken thermodynamic symmetry. The latter may be identified by observing which thermodynamic property, if symmetrized, destroys the paradoxical effect.

1

In system I, the effect is lost if the plasma potential is symmetrized to $\phi_p = 0$. (It is assumed here that for self-emissive probes the floating potential for a probe is equal to the plasma potential.) This can be made zero in several ways including :

- ceasing plasma production;
- achieving the critical plasma density, n_c ; or
- creating a mass-symmetric plasma- a negative ion plasma.

More generally, the non-zero V_p can be considered due to either

1. the fundamental mass asymmetry between electron and ions; or
2. that surfaces preferentially emit electrons or ions depending on values of their surface temperature and work function, and gas ionization potential.

2

In system II, the paradoxical effect is lost if the work functions of $S1$ and $S2$ are equal: $\phi_1 = \phi_2$. Then, the electronic, ionic and neutral momentum flux densities from all surfaces are identical, rendering zero the pressure differential between piston faces.

In general, the symmetry condition: $\phi_1 = \phi_2$, is difficult to achieve unless $S1$ and $S2$ are the same material- a trivial case.

3

In system III, the effect is lost if the desorption rate ratios for $S1$ and $S2$ are equal: $\alpha_1 = \alpha_2$. As seen from equation 3 above, this requires either fine tuning in values of surface density, partition functions, and desorp-

tion energies, or that $S1$ and $S2$ be identical substances.

As with ϕ in system II, the symmetry condition, $\alpha_1 = \alpha_2$, is difficult to achieve unless $S1$ and $S2$ are identical.

4

In system IV, the effect is lost if $\square_f(1, \square_i) = \square_f(2, \square_i)$. This is most easily accomplished by symmetrizing the rod's composition.

Each broken thermodynamic symmetry (in \square_p, ϕ, α , or $\square_f(j, v_i)$) occurs naturally under either equilibrium or non-equilibrium conditions and allows momentum flux asymmetries to arise. Via the broken geometry symmetry, the broken thermodynamic symmetry is exploited to do work.

Both broken symmetries appear to be necessary since the thermodynamic quantities \square_p, ϕ, α , and $\square_f(j, v_i)$ are spatially homogeneous (independent of spatial variables); therefore, by themselves they are insufficient to direct momentum fluxes to do work. This requires the broken spatial (geometric) symmetry; in System I it is accomplished by an electrical conductor and in Systems II-IV by a piston.



We need to confront our illusions head on first. We must accept what we now observe, and revise our understanding in accordance with it. MAJestic has been dealing with MWI technology, extraterrestrial life, and advanced technologies including soul container and transfer via MWI portals for a half a century. Yet the rest of the humanity walks around in ignorant disbelief. Fine with me. Here is the way things are. Accept or not. There is no in between.

Derived Conjecture

From these four examples, a conjecture is induced:

Given a spatially homogeneous thermodynamic property that causes a macroscopic asymmetric momentum flux (under equilibrium or

non-equilibrium conditions), a second broken geometric symmetry is necessary and, if suitably arranged, can be sufficient to do work solely at the expense of a heat bath in violation of the second law.

I offer this conjecture to the reader.

A solution to these paradoxical conditions clearly lies in support of the quantum technologies by which my narrative has been written. To adequately “debunk” or “disparage” my narrative one must find solutions to the four paradoxical conditions that are NOT supportive of my experiences.

Conclusions

*“Most of the important things in the world have been accomplished by people who have kept on trying when there seemed to be no hope at all.”
-Dale Carnegie*

Newtonian Physics is quite useful. However, it does not adequately describe our reality. Quantum Physics does.

I was a member of MAJestic for over thirty years and experienced reality on a level that far exceeds the conventional narrative as promoted by the service-to-self oligarchs that rule mankind. For mankind to grow and advance, we need to see how we all ACTUALLY fit in our reality. This means accepting our “spiritual side”; the side that follows the laws of Quantum mechanics.

This post points out how absolutely deluded we are, and how much we actually do not know. So, instead of saying “experts have shown...”, or “experts have proven...”, or “a blue ribbon panel has confirmed...” do it yourself.

Everything you need is right here in this post. Don’t rely on the “experts”, they are just paid “yes men”.

Take Aways

- Newtonian Physics is unable to describe our reality.
- Quantum Mechanics is able to describe our reality.
- As such, utility of quantum mechanics and the principles inherent within it can enable “God Like” powers and abilities.

Which means...

- The limitations of time does not exist when utilizing Quantum Mechanics.
- The limitations of distance does not exist when utilizing Quantum Mechanics.
- The limitations of reality world-lines does not exist when utilizing Quantum Mechanics principles.

FAQ

Q: What is the fundamental cause behind the Newtonian paradoxes?

A: Each paradox arises due to a synergism between two broken symmetries. One of which is thermodynamic and one which is geometric in nature.

Q: Why deal with idealized systems?

A: Idealized systems is a great way to simplify the calculations and understanding of complex systems. In this case, the idealized systems are utilized to prove that there are paradoxes within the empirically derived Newtonian laws. It's a convenient artifice that is useful at this time.

Q: What is a Broken Symmetry?

A: From Wikipedia; In physics, symmetry breaking is a phenomenon in which (infinitesimally) small fluctuations acting on a system crossing a critical point decide the system's fate, by determining which branch of a bifurcation is taken. To an outside observer unaware of the fluctuations (or “noise”), the choice will appear arbitrary. This process is called symmetry breaking, because such transitions usually bring the system from a symmetric but disorderly state into one or more definite states. Symmetry breaking is thought to play a major role in pattern formation.

Other Links

- [Four Paradoxes Involving the Second Law of Thermodynamics](#)
- [Second Law of Thermodynamics Violated](#)
- [Another paradox involving the second law of thermodynamics](#)
- [How often do quantum systems violate the second law](#)
- [Four Paradoxes Involving the Second Law of Thermodynamics](#)

End Notes

Acknowledgement; the inspiration and bulk of this writing is derived from the great Mr. D. P. SHEEHAN; Department of Physics, University of San Diego, San Diego, CA 92110. It is based upon his paper titled; "Four Paradoxes Involving the Second Law of Thermodynamics". This work was supported by a 1995 University of San Diego (USD) Faculty Research grant, and a 1996-97 USD University Professorship and a 1997 NASA-ASEE Faculty Fellowship. The author thanks Drs. William F. Sheehan and Jack Opdycke for illuminating discussions and M. P. and P. C. J. Sheehan for their inspiration. Journal of Scientific Exploration, Vol. 12, No. 2, pp. 303±314, 1998.

MAJestic Related Posts – Training

These are posts and articles that revolve around how I was recruited for MAJestic and my training. Also discussed is the nature of secret programs. I really do not know why the organization was kept so secret. It really wasn't because of any kind of military concern, and the technologies were way too involved for any kind of information transfer. The only conclusion that I can come to is that we were obligated to maintain secrecy at the behalf of our extraterrestrial benefactors.



How to tell if someone is in MAJestic (Part One)

There are many fakers out there. I really do not know what their motivations are. Some might actually have some experience, I don't know. None of them seems to have any kind of background that even approaches the membership I know of. This is how you can sort out the truth from lies.



How to tell if someone is in MAJestic (Part Two)

In this second part, we go into details on how the United States safeguards secrets. We talk about the MJ-12 disclosure and a historical overview of MAJestic. We also discuss the various reasons and restrictions that MAJestic is operating from. It's an important read.



Top Secrets and Flying Pigs

Here I try to explain how the Special Access Program works, and described how the most secret elements of those programs are kept waived and unacknowledged. I discuss why, and use the example of a fictional "Flying Pigs Program". To understand MAJestic, you need to read this.



The "Sales Pitch" Used to Ask Naval Aviators to Give Up Everything for MAJestic

This is a narrative on how I was offered the role within MAJestic. I was in training to be a Naval Aviator when I was called upon by the base commander. He asked me, and another AOCS, to join. This is how he convinced me.



Feducial Training of ELF-Based MWI Access

This is a small post about the training that we needed to learn into to enter into a transport mechanism for MWI access. You cannot access and switch world-lines without being able to access and “center” the implanted probes. This discusses this procedure and training.



MAJestic Mandated ELF-probe Implantation

This post goes into detail on how the first two “kits” of probes were implanted into my head. All of this procedure took place on the Naval base at the ELF substation. At the time, only myself and the other member of my “cell” aside from the Commander took part in this procedure.



My Very First MWI Portal Egress

This is a narrative of my very first experience in world-line travel. It happened immediately after I gave up flying as a Naval Aviator and joined the MAJestic organization. After training on feducials, and implantation, I joined a group of others and left our world-line.



First Egress Destination - EBP Implantation & Entanglement

This is the narrative of what transpired when I entered the Fixed Dimensional portal. I went to an extraterrestrial medical facility where a EBP was installed within my body. I discuss what happened and my first encounter.



Post EBP Reconstruction -Return To The Navy Barracks

This is my narrative on how I exited the dimensional portal and returned back to the Naval base. I discuss what it was like meeting my fellow classmates and how I was instructed to leave the Navy and become a civilian. This is how it is done and what I experienced.



After Implantation – Lost as an Autonomous Vagabond

This is my story of what happened after I joined MAJestic, and left the US Navy. I was fully actuated, but not yet trained in using my abilities. As such, I was a “loose cannon”, and existed in a very confusing state of reality. I was the real life Jason Bourne.



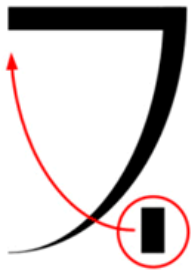
Rescue from the Wilderness – A Special Assignment

This particular post discusses how I found my way back to the Navy again, and began my “training”. I went into the desert to a Naval base located in the middle of the remote desert. At that time, I had no memory that I was part of a secretive military program, and thus the “special assignment” held little tangible meaning for me.



Probe Calibration and World-line Training (Part One)

Here is the story how the set of MAJestic probes, placed inside my skull, were calibrated. This took place after implantation, and involved calibration exercises at the Naval facility at China Lake in California. This is a two part post and discusses the facility and actions there.



Probe Calibration and World-line Training (Part Two)

This is the second portion of the two part post In this section we talk about how I was instructed in the operation of calibration of the probes and how I was provided with some limited knowledge in how to modify the programming. It wraps up with my exit from training.



Adventures in World-Line Travel

Here are a selection of stories and experiences that I had when I was involved in world-line travel as part of my MAJestic mission parameters. As such, my experiences gave me some insight into the nature of the universe and of our human species. I hope this is an enjoyable read.



MAJestic Mission Shut-down & Retirement

All programs must end. This is how members of MAJestic that have core kit #2 probes implanted are retired. As they all need to be retired in a specially equipped facility and subject to a life time of monitoring. We cover the entire process and what is involved.



The Ultimate Method to Make Your Computer Safe and Secure

The best way to make your computer secure and private is to have very strong encryption and use an obscure operating system that very few people know about. Here we look at 37 obscure computer operating systems.



What life is like inside the ADC Prison in Arkansas

This post discusses what life is like in a hard labor prison in Southern Arkansas. We discuss hoe squads, food, the hole, commissary, dress, fashion, homosexual culture, prison gangs, murders, relationships and other aspects of life when you are sentenced to "Hard Time".



What it was like for me to leave America for China.

This is my story on the final moments of my life in the USA. I had just completed my retirement sequence for MAJestic and I was released to enter the monitoring section of my retirement. I decided to get the tattered remains of my life together and move to China and this is what it was like for me to do so.

MAJestic Related Posts – Our Universe

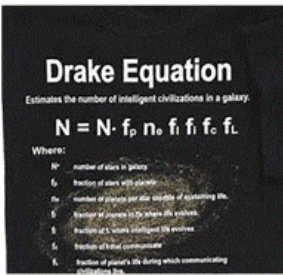
These particular posts are concerned about the universe that we are all part of. Being entangled as I was, and involved in the crazy things that I was, I was given some insight. This insight wasn't anything super special. Rather it offered me perception along with advantage. Here, I try to impart some of that knowledge through discussion.

Enjoy.



The Secrets of the Universe

When people discover what my role was in MAJestic, one of the first things that they ask me is whether or not I can "tell them the secrets of the universe". Certainly, they argue, I must have learned something... Well, I did. Here's the first installment.



The Drake Equation as Viewed by MAJestic

Many people use the Drake Equation to figure out why the average person is not exposed to extraterrestrials. Yet, MAJestic members know the real reason. Here we review the variables within the equation relative to MAJestic understanding and discuss things relatively.



Our Galaxy as Presented to MAJestic

Here is a very general overview of the little that I know about our galaxy. It is a mixture of known and accepted science blended with what I was exposed to in MAJestic. Of course, what is presented is within the limits of what I understand, no more. So it is actually a rough outline.



Sirius is not the home of the Enlightened Extraterrestrials

There is a rather large number of “spiritualists” who are convinced that enlightened beings from the Sirius solar system have come to earth to teach and instruct us humans. I actually find it rather laughable. Here, I review what Sirius actually is and why no great enlightened beings live there.



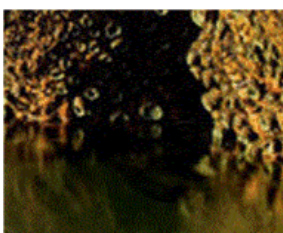
The Alpha Centauri System

Here are my thoughts on the Alpha Centauri System. It is, as always, a mixture of conventional science and what I know through my relationship with MAJestic. Keep in mind, that I am a man with limits. It is but an overview, and what is presented might hold some surprises.



The Fuselage embedded within the rocks of Victoria Falls

There is evidence that there was an accident (of some sort) that damaged a vessel (of some type). Over the years it has become buried in silt, which later turned into stone. Here we study this issue.



The Hammer inside the Rock – The “London Hammer”

Here we have evidence of a shellfish dislodging apparatus or hand-tool that was abandoned millions of years ago. Here we study this artifice. We look at the manufacturing challenges in making such an object and study the environment in which it was lost.



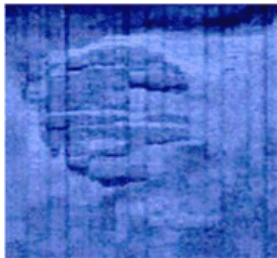
The Hollow Moon

Why is the moon hollow? This is one of those uncomfortable facts that just doesn't jive up with the conventions of accepted scientific knowledge. Yet, every study has confirmed this to be the case. Here we study this issue in detail.



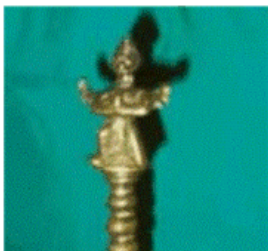
The Mystery of the Lapulapu Ridge

Deep down under the sea in the greatest depths of the Pacific ocean is a mobile underwater city. It's been *operating there for many, many years. It has been leaving* tracks and debris middens all over the place. Here, we look at this in some detail.



Mystery of the Baltic UFO

Sonar scans, and visual confirmation, indicates that a large disc shaped object skimmed the undersea world of the Baltic sea and crashed. Subsequent investigations were suppressed. Now, all that is available for study are a small pile of rocks. Let's look at this mystery shall we.



Mystery of the Bronze Bell found inside a block of coal.

A hand-bell made out of brass was discovered totally encased in a solid block of coal. What is so interesting about this bell is that it depicts a winged humanoid. The only thing is, the coal dates from a time long before birds, where only insects flew in the skies.



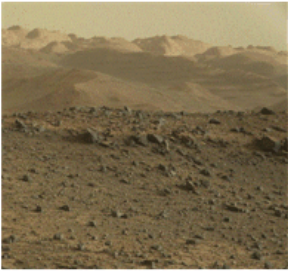
The Oil Lamp Discovered in a block of coal

Many things have been found encased within rock hard coal. One of which is a small "pot". This is obviously the lower part of an oil lamp, common a few thousand years ago. The problem is what is it doing in millions of year old coal?



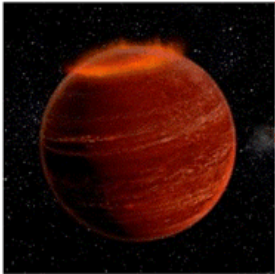
Did Extraterrestrials set up a colony in Pennsylvania?

Sounds really strange doesn't it? Well, here we talk about the possibility of a community of very "unique" red-skinned, horned giants, with firearms were actually a colony of extraterrestrials. It's a long stretch. Yet, we look at them from this prism, as unlikely as it is.



The Oxia Palus Facility.

Here we talk about a facility that I know a lot about. It is a MAJestic aligned facility on the surface of Mars in the Oxia Palus region. It is many things, and was initially a mining operation with a smelting and processing facility. Here we discuss this facility as an overview only.



Let's chat about Brown Dwarf solar systems

Up until a very few years ago, no one knew if Brown Dwarf stars existed. Now we know that they do indeed exist, and that they are everywhere. Most people are unaware of them, but they play an important role as these dwarf stars are the home of many an intelligent extraterrestrial.



NASA Manned Space Exploration - What happened?

When President killed the Apollo space program, and Jimmy Carter neutered NASA, everyone sat back, fat and content that money was not being wasted and that instead American infrastructure was being taken cared for. Here is the real reason why Apollo and manned space died.



The Disclosure of the CARET Program at PACL

A full unapproved disclosure of a MAJestic related reverse engineering program was released to the public. It concerned the CARET program at PACL. It was quickly attacked and debunked. A music video was even generated as part of it. Here is the full documentation package.



Yes, We Do Live in a Multidimensional Universe

Here we discuss how world-line travel is possible. We look at the physics of the MWI and the mathematics involved. We also discuss an overview of Heaven, our universe and how our experiences within our reality are important. In our reality, everything is possible. It really is.



The True Nature of the Universe

This is a discussion on the true nature of the universe and how individual realities fit within its' scope. I consider this an important writing and it acts as a "bridge" between the various "schools of thought" on the nature of our universe. What is presented is for your consideration.



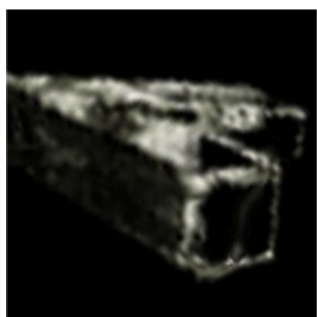
Why our Understanding of Reality is False

Here we discuss four paradoxes of the second law of thermodynamics and use this as a springboard to illustrate that it is impossible to understand our reality within the MWI using Newtonian limitations placed on us through observation.



Evolution of the first sentient life on Earth.

Humans are not the first intelligent life on earth. There were many others. Here we discuss one of the first species of intelligent life; the Cephalopods. They have existed for hundreds of millions of years, and now exist as octopi that inhabit the oceans around us. Let's talk about them.



Transport of an Extraterrestrial Modular Structure

In 2012 through 2014, a huge armada of skyscraper-sized modular components was tracked inbound to our solar system from deep space. They decelerated and landed on the moon. This is the story of how MAJestic scrambled to find out what was going on at this time.



The Frightening Possibility of Genetic Social Stratification

The primary mission requirements that I was involved in lay in assisting our benefactors in human sentience determination. The human race is moving towards a day of evolution and key to that point in time is the chosen sentience we select. It has frightening consequences.



The most common extraterrestrial species that interacts with Americans.

Here we discuss the grey extraterrestrial alien species. Contrary to the public narrative, there are numerous extraterrestrial species that regularly visit the Earth. In fact, they have all been doing so for many, many years.



The Mystery of the Dellschau Flying Contraptions

Here we discuss the mystery of a secret organization wholly devoted to enabling humans to fly. This organization was active years before the Wright brothers ever contemplated manned air flight. The members eventually died off, and all that remains are the records of their adventures.

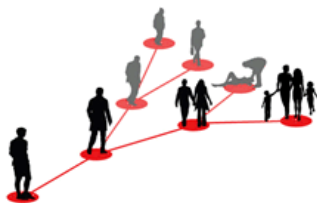
MAJestic Related Posts – World-Line Travel

These posts are related to “reality slides”. Other more common terms are “world-line travel”, or the MWI. What people fail to grasp is that when a person has the ability to slide into a different reality (pass into a different world-line), they are able to “touch” Heaven to some extent. Here are posts that cover this topic.



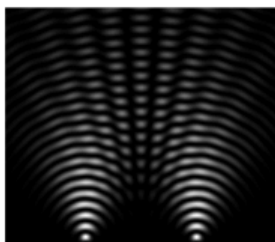
Some True Stories of Cat Heaven

Being in MAJestic taught me many things. One of which was an intimate understanding of Heaven and other “spiritual” things relative to quanta entanglements. Here I discuss what it is like to have a beloved animal (cat) dies and what actually happens to them and why.



Consciousness Migration for World-Line Travel

This post discusses how Heaven was formed, and what reality actually is. It discusses how world-lines function and just what MWI (Many Worlds Interpretation) is. This little post is the foundation of all aspects of my particular involvement with MAJestic. As such, it is important reading material.



What I miss from my original world-line

This is a little micro-post of some of the things that I miss from my time “before” I got involved with MAJestic and all that MWI “stuff”. It really makes no sense to anyone in this reality, but to me, it’s pretty important stuff. It’s simply a compilation of some of the quirks of this reality that are different to me.



Graphic on how world-line travel is possible

Many people are intrigued about world-line travel. They argue that the MWI is too difficult to understand, but thanks to Hollywood, the imagined adventures in alternative world-lines are quite appealing. Here we set forth how the MWI works and how it can be leveraged for world-line travel.



An Observed World-Line Switch - The Aluminum Foil Lady

Here is a report of a person entering this “world-line”. She appears on a busy road and is filmed by an automobile dash cam in the process. She is wearing a protective thermal “space blanket” material coat, and is apparently dressed like a nun. We discuss her and the utility of roads in this context.



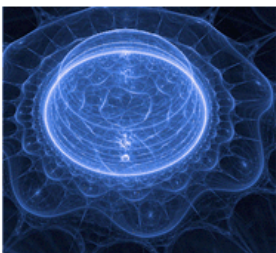
World-Line Travel Using Vehicles - Some Examples

There is ample evidence that people are entering and leaving our reality using various methods and techniques. One of which consists of vehicles with heavy devices that enable world-line cross-over events. Here we discuss these events and look at numerous examples.



A World-Line where the Beatles Never Broke Up

Here is a story about a man who ended up getting hurt and was rescued by someone from an alternative world-line. He tell his story and brings back a Beatles mix tape as proof. We discuss his adventure relative to MWI slides and look at commonality of descriptions.



World-Line Creation and Stability Considerations

Let's talk a little bit about what a world-line is, how it is accessed, and why it sometimes needs to be accessed. This isn't full of all kinds of stories about visiting different world-lines, but rather why certain advanced species use the MWI to control the sentience evolution of humans.



ProfessorPhate as an Example of MWI Crossover

In 1999 an individual going by the name “Professorphate” produced a narrative claiming that he was from another world-line. In his narrative he talked about this other world-line and the circumstances that brought him to our apparent reality. Presented for curiosity only.



The “Passage of Time” is actually Observed MWI World-line Slides. Here we discuss what time actually is, and the differences between a dimensional egress portal and a MWI slide. We also use examples, two to be exact, where people have entered and left our reality using a 7th dimensional transport. We discuss how this works and why.



What is the Color of Chartreuse; is it Red or Green?

Many people who have lived through the 1980's, such as myself, clearly remember the color to be a deep red like color. However, our current reality describes this color as a yellow green. This confusion is known as a Alter-vús, and this post describes what is actually going on.



Mandela Effect - A System of Soul Management

Here we look at an interesting mystery that is occasionally observed. It is known as the Mandela effect. Essentially it is a situation whereas our memories do not match up with the reality. Here, we look at it in terms of MAJestic and the management and cultivation of soul growth.



What the difference is between Soul and Consciousness

To understand how our reality exists and what Heaven is like you need to understand the basics of just what we are. Here is one such fundamental understanding. That is the difference between souls and consciousness. For while we think, reason and experience, it is our consciousness that does so for our soul.

John Titor Related Posts

Another person, collectively known by the identity of "John Titor" claimed to utilize world-line (MWI egress) travel to collect artifacts from the past. He is an interesting subject to discuss. Here we have multiple posts in this regard.

They are;



John Titor and World-Line Travel as Time-Travel (Part 1)

This is an introduction to John Titor and his claim that he utilized world-line travel to go into apparent past(s) to acquire equipment. He burst onto the internet in 1998 and left in 2001. He left a trail of mysteries in his wake. In review, knowing what we know today, his story rings true.



John Titor and World-Line Travel as Time-Travel (Part 2)

Here we look at the John Titor narrative that describes what happened in the United States that precipitated civil war, and World War II. We look at it from a point of view twenty years later, and to the surprise of many, he accurately predicted many things that we take for granted now.



John Titor and Details on his Time-Machine (Part 3)

Here we spend some time going into the disclosed details of how the Time Machine actually works. We look at the manual and come up with the conclusion that he actually was hiding something or some elements of the machine. Let's look at this issue.



John Titor and our Reactions to his Disclosure (Part 4)

Strange as it might seem, once the news of John Titor hit the internet, many people had all sorts of reactions to it. Here we review the reactions. They, in themselves, tell us a lot about ourselves, society and about the nature of the universe. Here we look at the reactions.



John Titor - Full Text of his Transcripts (Part 5)

For over a decade the actual transcripts of what John Titor said and his discussions on chat boards were obliterated. The only thing that you could find were websites that said he was a hoax. That all changed when enthusiasts collected and posted his writings. Here are the earliest transcripts.



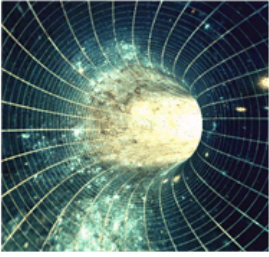
John Titor – Full Text of his Transcripts (Part 6)

There are all sorts of fragments of the John Titor discussions floating in bits and pieces throughout the Internet. This post collects some of the more obscure bits that did not make it into part 5 of the text. These tidbits are interesting but also irritating as the attacks on the narrative are relentless.



John Titor – Full Text of his Transcripts (Part 7)

This is the final discourse from John Titor to the rest of the folks on the BBS "Time Travel" board. He answers questions and responds to requests. He also clarifies things. Of course, the sniping and harping, as irritating as it is, continues unabated. It's the final posting of this discussion.



John Titor – Full Text of his TTI Board Transcripts (Part 8)

Here is a secondary source for discussions involving John Titor. He subscribed to numerous time travel BBS forums, and this one; TTI is often overlooked. Here, we look at some of his statements on the board. His dialog on this board is very interesting and contains uncommon narratives.

Articles & Links

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