

Un-decidability Implies Alternatives Exist.

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Abstract

The central concept called 'The Standard Model' serves to acknowledge for physics, which tests are proof and it controls any decidable explanation of space. Computability becomes the home of accepted proofs, and predictability gives the total answers to space. Physics has tied themselves to this ideal for decades. The 'Standard Model' dictates a reality where one must stay within its boundaries in order to generate interest or get published. This limit is enforced today. Can the revelations of Goedel's un-decidability results and Turing's proof of non-computable values help in releasing the binds limiting physics? Can my long ignored 'Universe is Otherwise' model gain more believers of new paradigms?

1. Introduction

Governments provide an example of linear proofs as reality that controls countries direction. There are numerous kingdoms and dictatorships giving linear directions for life. Offline ideas hold or provide little influence. Are these politics successful? They usually aren't good for the citizens. There is little that improves their lives. Think of such a government as a decidable concept. The leader decides for all.

The alternate is multiple directions and laws for the country. Any citizen can make their own life choices. This option is freer but limited mostly to the 2 option government such as the US democracy.

Another analogy is a major educational commitment for teaching of the physical nature of the universe and its spatial contents. The text books control the lesson plans and provide all proofs. Speculative open discussions revealing alternate ideas would expand knowledge. The US remains locked in to the 'Standard Model'. Meanwhile, in other countries the science world is opening windows for alternate logic.

2. The Foundations

Needless to say, I have a most thorough alternative perspective which stands out if one reexamines numerous spatial physics concepts.

Four major physics model components are poorly handled, defined, and detailed which provides us the challenge of considering new perspective as long as they don't conflict with the computations attached to current models...

- a. The first component for review is light. Logically, light moves so it must be affected by gravity. The death of this view of light began over 100 years ago. Relativity theory only survives while believers can sell the concept that light speed must remain constant. The reality is that, passage across space has a source and the destination that are gravitational bodies, both of which must affect the speed of light, however small that affect is.. The fixed high speed of c for light locally trivializes the influence that gravity gives to light. Ignoring gravity is regularly allowed for most actions, until the distances become extensive. But gravity gets ignored throughout with c serving as a base for theories. We need better long distance models. Obscuring a factor which may influence knowledge is bad science. Somehow the Doppler idea had captured minds and has hidden gravity.
- b. The next component is the understanding of our universe. The answer is contained within the definition of the universe. The universe is fundamental. But today there are ends of space and multiple universes in multi dimensions. If the universe had an end, even God could not exist. Something has to be infinite for space to exist. We seem to be afraid of the eternal so that we charge ahead making so much noise about space having a beginning and an end, that we cloud logic? This standard model view of the universe contains edges and boundaries from which theorists can make an infinite number of models as the boundaries are used to hide ones theory flaws. Bottom line, space seems geometrically infinite. Since space is the content of the universe, thus the universe is infinite. It is properly defined as being everything.
- c. Once we understand light motion and the universe itself, then we need to understand our third component - gravity. Gravity is a force functioning everywhere. Ignored by science is the idea that gravity has a source. Gravity flows and its manner retains flow which doesn't vary. The common reference to the 'attraction of gravity' is our recognition of the determinable 'side effects' upon flowing gravity by local matter. Correct understanding of gravity doesn't support made up concepts such as dark matter, dark energy, boundaries of finite space, universal expansion, and Doppler for light, nor does it accept multi-dimensions.

So, realize and accept the universe is infinite. The contents of the universe are primarily space (plus with some spherical matter bodies). Thus space somehow essentially provides gravity. As with other physics concepts the idea of attraction (pulling) is not a physically

workable action. Thus gravity must be a push. A one direction push by itself is unlimited therefore gravity flow needs an offset. That offset can be either matter or opposing directions of flows of gravity. So we find that the measure of any 'attraction' caused by gravity is the 'net' of opposing and interfering directions of flow. To contemplate and arrive at this you will conclude that pushing gravity penetrates matter as well as flowing throughout space.

Anti-gravity becomes simply the push in opposite direction (ex. up rather than down). We can redirect gravity beams! Doing so we lessen the downward push, and diminish the weight of things we want to move. The concept of charge derives from an event which produces a direction of flow from plus to minus. Coincidentally anti-gravity also is simply reversing the net direction of flow of the source of gravity. Greater the mobility of masses occurs by redirecting overhead gravity beams.

What is it that the universe contains throughout? EM radiation, in all frequencies, is everywhere, just as gravity is everywhere. So in some manner gravity must be the push of all EM radiation beams. Actually the potential of EM radiation beams to push is also a factor of the wave frequency of the beams. Wavelengths of beam are actually coils as they wrap around/ surround a beam in all directions. Further analysis implies that EM radiation flow causes pushing of gravity infinitely in all 3 dimensional directions.

d.

Our fourth component issue is that attention is curvature. Bending is essentially rotation and orbiting. Rotation of planets has as much influence on space as does their revolution. Rotation curves the nearby space in the way that a launch from a rotating body takes on the rotation so that any attempt to define 'straight up' will differ for the source and a recipient up in space. Conversely, straight down bends similarly. Orbiting and the relative motions of all bodies results from the rotation of other bodies. The flow of 'pushing' gravity oversees the flow of all bodies. On the atomic range the gravitational bending of beam flow creates our electrons from coil overlaps. The amount of beam curvature leads from EM radiation to matter as the bending increases and matter coils determine the element atomic structures.

3. New Model

The former idea of decidability provided single linear answers to investigations. The conversion to un-decidability opens answers to a universe of alternatives. Recognize that the universe is the optimum fundamental of life and is defined as the sum of everything. Being everything implies being infinite. Physics is a current mess under the standard model. The alternative perspective of

‘The Universe is Otherwise’ notes many of the details that become - the Anti-Standard Model. A difficult new intelligence which lacks fixed bases of reference arises. Corrections are needed to redefine the universe as being ‘Otherwise’:

Fundamentally, there is one universe:

It is infinite in scope

It contains a physical gravity of a pushing nature.

There are ‘net’ effects of pressures from all directions within any sphere of space.

Opposing pushes may have different forces. The resulting linear flow may be unbalanced and thus yield push pressure sometimes seen as attraction gravity.

The existence of the universe is real and its contents are primarily radiation.

There is E M radiation that:

We also call space

Radiation pushes

Radiation penetrates - matter

Radiation travels as beams and is detected and classified by its wavelengths

Radiation beams can be bent by gravity

Radiation provides the motive/drive which controls orbiting

Radiation can create matter - when waves intersect we get electrons. The degree of curvature then defines neutrons and protons, thus weight via density.

Radiation determines the electron quantity via the number of intersections (which give the 1 and ½ spin numbers) - and thus the form of matter

Our electromagnetic spectrum is expanded, adding matter at the high frequency and gravity at the low frequency. It now becomes a spectrum of existence.

Magnetism arises from redirecting gravity beams

To see the logic of ‘Otherwise’, we start by removing the metaphysical concepts within the standard model such as:

Attraction gravity

Universal expansion

Dark matter

Dark energy

Doppler for light

Boundaries of finite space

Worm holes

Then:

Recall that models such as the Standard Model succumb to fixed values assigned to the speed of light. But ‘The Universe is Otherwise’ claims that speed c is overcome by gravity effects and long distance slowing occurs. That leaves no absolute as a base. The ‘Otherwise’ system is undecidable, un-computable and unpredictable.

Predictability is a probability component. The more tries you take the closer you come to the predicted average. This math is actually the one of the topic terms that best supports itself as the term prediction is not absolute.

There are so many components of 'The Universe is Otherwise' that I have listed them at the end in section 5. There are many connections with what you or I thinking our minds and what is real(true) within our physical world. The following statements are some of my innovative thoughts. You may contemplate whether their lack of numeric proofs allows further analysis under un-decidability and non-computability implications. If you choose to go further there are very many components for consideration in section 5. For efficiency you may choose to limit your time and interest to the next few concepts.

Spin: Its source is gravity and it measures as quantum (on or off) and its 2 directions
Central bodies drive their orbitals. How that drive relates to Kepler's third law.

Bent gravity beams provide the source of revolution by driving orbitals.

Solar gravity beams also create the rotation and the winds for the planets.

Orbitals need the whirling of center body gravity in order to orbit. The sun's equator disburses the maximum whirling to drive planet flows. That drive diminishes at higher solar latitudes.

The microwave background confirms Olber's law that the night sky should be fully lighted. Actually, light flow slows and becomes lower frequency microwaves etc. due to gravity. Gravitational red-shifting of light is everywhere.

Theory is that gravitation inhibits black hole's light. If so, it must likewise inhibit light from all very distant sources. Great distances will slow and convert light just as great density of source matter does for black holes. Both mass and distance are the measures of gravity effects. Very distant stars have lost the visible frequency of light while coming here.

The wavelength frequency determines gravity capacity of penetration – consider red vs blue penetration

The surface of bodies rather than the body interior incurs maximum forces (heat).

The geometry of the universe is misrepresented by using constant light speed. Creating geometric pictures can help perspectives but within all geometry there is unpredictability to know where to place the geometry.

Paired suns spin each other relative to their barycenter. Multi stars have a center of all spins which suggests the black hole. Multiple centers will exist and locations and contents vary with overall rotation. Plotting all spins outward, away from center, gives galaxy geometry. Centering the spins of all galaxy stars results in a black hole of all rotations.

My 'laws of motions in space' explains equilibriums and reveals rotations all counter clockwise.

4. Conclusion

At the conclusion of most theory papers, I reveal I have to concede ‘my alternative view of the universe doesn’t require much math’. Hooray for the uncomputability concept, it serves as a great supporter of my model. As children grow up they often gain a view that the knowledge taught to them is ultimate reality. The truths were defined as real value and thus the brain locked. The output is decidability. Other truths are not accepted to determine the truth or falsity of related statements. Teaching decidability is a difficult change for external control of education such as from governments. A wholesale new perspective seeks new teaching approaches. Can a new paradigm spread? Help requires promotion by numerous visionaries. Who can provide that?

Many of my papers for inspection are under my name at the: ‘General Science Journal’ detailing many startling perspectives when applying the concepts outlined above.

When seeking proof by doing an experiment, computability fails to give exactness. The more tests the tester takes, the closer his average can give a good answer. Does it ever match decidability? The full component list of ‘The Universe is Otherwise’ is attached here.

5. Summary of Theory Components

By resolving my gravity concepts with relevant physics issues I have developed different views about numerous concepts including how rotating centers cause orbiting as measured by Kepler’s third law of planetary motions. Fundamental concepts include:

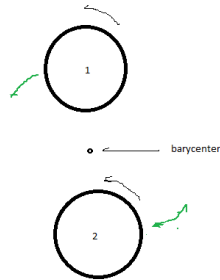
- a. The term gravity can refer to the source or to the detectible effect of the action of the source. The effects are motion and the existence of matter.
- b. Gravity is a push rather than an attraction. As such it solves ‘action at a distance’.
- c. The push implies the source is external from matter. The source is beams with velocity. Motion of beams is confirmed by waves within the beams.
- d. Gravitation pushes as if it contained moving particles - Paeps – ‘particles applying external pressure’. But gravity particles can’t be particles. They would cause too much heat upon impact and would interfere with orbiting. So paep is a generic term for gravity source. It’s form is as waves or coils within beams.
- e. Gravitation is best pictured as lines rather than fields. Beam lines help analyze and contemplate a linear push. Pressure gradients that summarize the situation inhibit analysis.
- f. Gravitation functions as beams pushing from all directions upon every point of space. Thus matter takes on spherical shapes. Attraction gravity is linear and is insufficient to understand the universe. We need transverse radiation wave/particles that strike matter with impact. The amount of impact depends on the wave amplitude/energy. Light and

- EM radiation are composed of waves/coils which can apply pressure like particles can. This removes the separate concept of photons and solves science's wave/matter conflict.
- g. EM radiation such as light slightly penetrates masses due to its wave structure. But longer wave gravity radiation theoretically penetrates more and extends its push throughout masses. Thus gravity beams replicate long wave EM radiation.
 - h. Gravity beams, like radiation rays, move at velocity 'C'.
 - i. The universe is infinite and isotropic. Space primarily contains EM waves. Gravity beams are the structure of space simulating the aether others refer to. Like-wise gravity is the undetectable background.
 - j. Gravity interacts with matter. Matter exists as rotation/spins relative to the local equilibrium. The spin may be of the atomic particles such as protons and electrons as well as spin of the entire mass. The amount of spin determines the density of masses. The lack of relative spin signifies the absence of matter.
 - k. Equilibrium is the net balance of horizontal pushes, yet with an imbalance of vertical pushes -gravity. Structural equilibrium causes equivalent light speed in both directions. A better answer than Einstein's time dilation.
 - l. Gravity beams mostly penetrate matter. Atoms are mostly empty space. Paep waves interacting with atomic particles both modify each other.
 12. Penetrating gravity beams exit the mass and are modified. Beam amplitude is diminished, beam wavelength modified into shorter waves as heat and light radiation, and the beam's motion is redirected.
 13. The gravitational push at a mass surface offsets diminished exiting beams with undiminished incoming beams resulting in a 'NET' downward push often called attraction gravity.
 - m. R^2 laws apply for attraction gravity because it is centered at a central point of matter. Pushing gravity also requires a mass to centralize the modification of the beam. Thus identical central points of reference correspond for equations.
 - n. During gravity penetration some impacted matter particles are modified into radiation or different matter. The sun's eternal power is caused by continuous penetration and exiting of modified gravity beams.
 - o. Paeps can be redirected by spin of atomic particles or by the spin of the whole mass. As noted in point 10, spin defines matter because the moving mass particles intersect incoming gravity beams.
 - p. Redirected paep beams exit in a bent path relative to both the source and the observer. They curve throughout their travels. We draw as lines and curves but can view as a mean average line. These curves have 3 velocity components, the long up line - C, the minor sideways rotation value and a diminishing component reducing the value of the line vs local space as it travels.
 - q. Space is 3 dimensional but its contents flow and distort linear analyses.
 - r. Undiminished gravity beams flow in all directions across earth's surface, not just downward. They mostly net out. A minor extra counterclockwise flow of exiting beams bent by the rotation of the mass occurs. The flow matches the mass's rotation yielding local equilibrium.
 - s. Counterclockwise motion relative to our Z axis north and to orbital centers dominates the spin and orbital motions of the universe. Antigravity would result from a clockwise flow.

- t. Newton said orbital motion continues absent external forces, thus no friction. The implied void of space can't exist given radiation, meteors, and solar winds. A motive force is needed.
 - u. Newton's "motive" external force was centrifugal force, subsequently inertia, a force with no source. Newton's inertia is more properly defined as 'adhering to the local flow of gravity'. The application of inertia saved Newton from explaining the source of motions.
 - v. Planets incur lateral pushes of gravity caused by the bent beams from the rotating sun, and moons incur pushes from the sun and their rotating planet. This is the motive force causing orbiting. The revolution push by spinning bodies upon their orbitals is maximum at their equator and decreases with altitude. So Bode's law finds planets to exist at the extension of the solar equator and not at significant altitudes.
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- w. Orbital revolution rates must be less than their central body rotation rate. Multiple centers complicate the analysis. Rotation of the master (sun) adds to the local central body (planet) push upon moons.
 - x. The lateral pushes on orbitals causes the rotation of the orbital as well as the revolution. The rotation rate is dependent on how far to the right of the 12 o'clock/6 o'clock axis the push is centered.
 1. Rotating bodies usually rotate counterclockwise relative to their central body. Central body bent gravity beams add to atmospheric rotation as well as the masses 'rotation' for orbitals. The sum of bent gravity beams from earth's rotation and from the sun causes winds on earth.
 2. Solar gravity beams are the solar wind when passing by earth. Magnetosphere pictures are attempts to represent bent gravity beams. At a point between planet and the sun, bent beams from each source collide, creating a small chaos region.
 3. Sufficient bending of radiation beams and interaction with other beams creates mass. Electrons are beam crossings.
 4. The nuclear – strong force is simply the sum of gravitation beams pushing from all directions.
 5. Magnetism is the 'net' push of gravity beams when beams from one direction are redirected.
 6. Charge is simply the direction of flow. As noted in point 21, anti-gravity is pushing in the opposite direction.
 7. A spectrum of existence associates waves from the longest Paep gravity beams, thru EM radiation, and extending to mass itself. All relates to the wave structure in the spectrum of EM radiation.
 8. Three dimensional waves are best pictured as coils. Consider a flowing beam wrapping around inside a straw like a counterclockwise screw.
 9. Diminished gravitation occurring locally within the sun or stars is replenished by the gravitational stretching of light beams into microwaves, then radio waves, and further into paep gravity beams as they travel from very distant stars. The gravity source is continuously recycled
 10. Rotating bodies cause orbitals to encircle them. Kepler detected this and determined orbital times for our solar system with a large central body. More nearly equal rotating bodies are not similarly studied. Given their joint revolution action forcing each to orbit the

other significantly changes/decreases the orbital times calculations. Proper calculations would override Kepler's third law. In galaxies.

Mutual Revolution



11. Kepler's third law is that the inner planets revolution period is a constant times the $3/2$ power of the solar distance R for each planet. Thus the central body sun has to be the source of their orbital times. It is the push by bent solar gravity beams that forms this relationship as the orbits increase by R^2 . The factor R is the 2 dimensional component and $R^{1/2}$ is the Z axis contribution.
12. The bent flow of gravity defeats any exact linear calculations of gravity effects in large geometric analyses. The difficulty increases when multiple rotating masses contribute to the flow.
13. Actions within our solar system contend simultaneously with the linear flow of gravity at speed C (300,000 Km/sec) and the perpendicular flow from the solar rotation of 2 Km/sec.
14. Gravity beams condense together approaching mass bodies and the beams interact such that crossings are electrons, regions are protons and neutrons. Thus the higher frequency waves can create matter.
15. Regions of optimum matter creation occur when beams from 120 degree angles interact. The Trojan asteroids are such a place where solar and Jupiter EM radiation beams interact.
16. A proper picture of gravity beams diminished by the sun and traveling toward earth shows them bent inward from the right. The motion of earth causes unbent beams to arrive from our left as if bent by earth's motion. Thus beams from both sides show the bending flow of the magnetosphere.
17. The mentioned bending of gravity beams produces both sides of the two bumps of gravity detected during a lunar eclipse. Refer to discussions of the Wang eclipse. The causes of the bumps are different for each one.

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