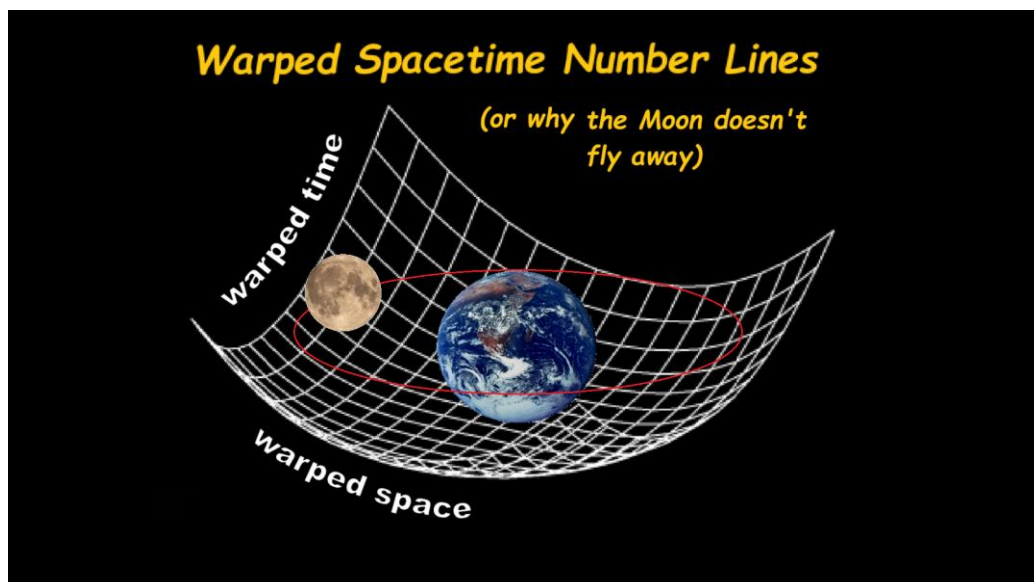
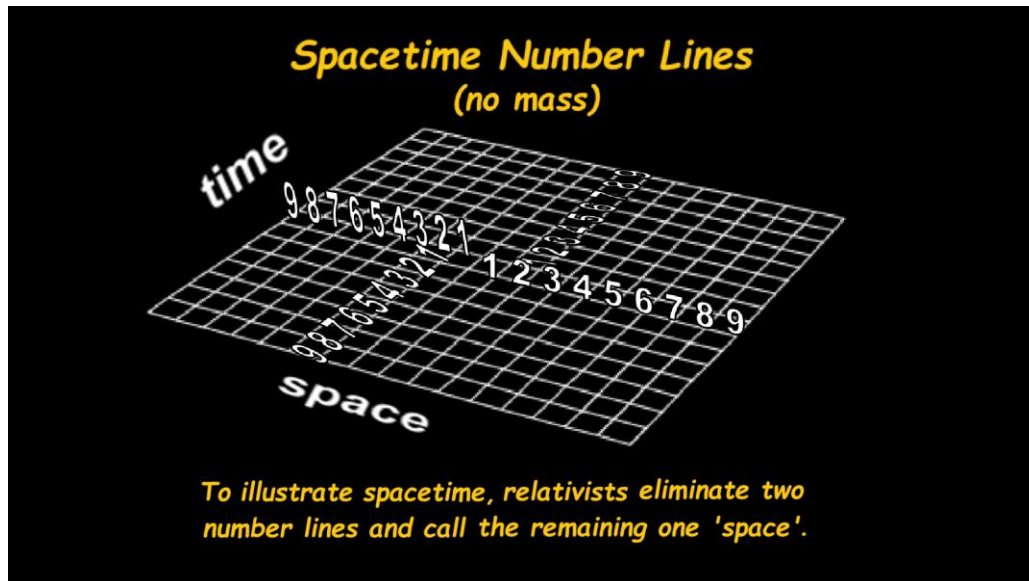


Synthesis of the Theory in Dispute at the Supreme Court

Albert Einstein's General Relativity proposes that spacetime serves as the background to all cosmic phenomena. Spacetime is a set of four number lines where stars and galaxies influence one another gravitationally. The physical interpretation is that gravity is geometry: the 'masses' of celestial objects weigh this mathematical canvas 'downwards' and other masses roll or slide towards the depression thus created.

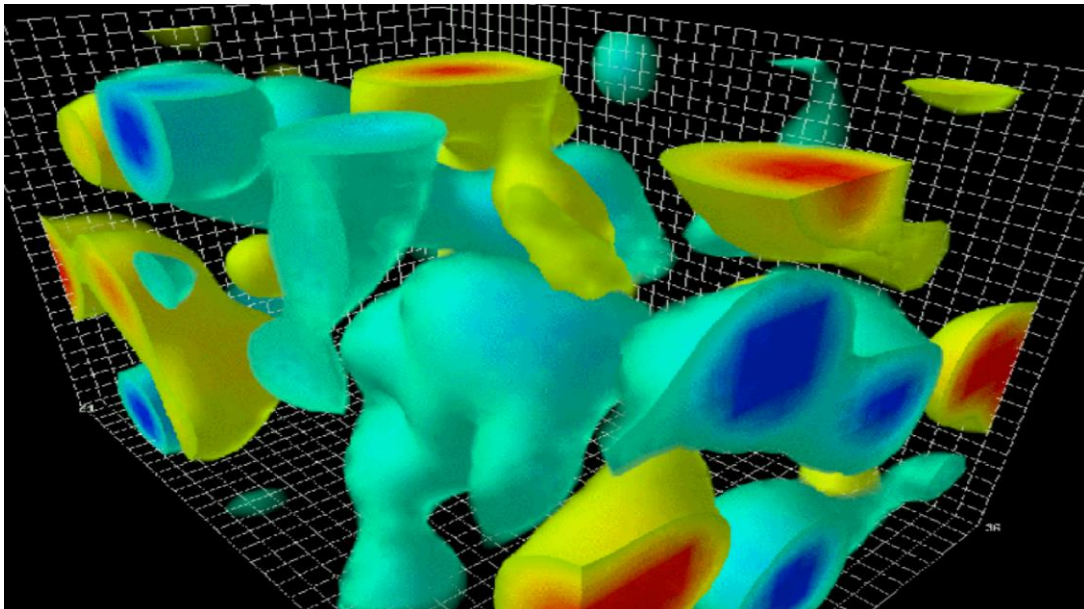


Relativity's warped number lines mechanism is not a physical interpretation, but rather a pictorial representation of a **mathematical** concept. In the words of celebrity Neil Tyson, mathematical physicists still don't know what causes gravity.

<https://youtu.be/aqMCEp-cx9E?t=9>



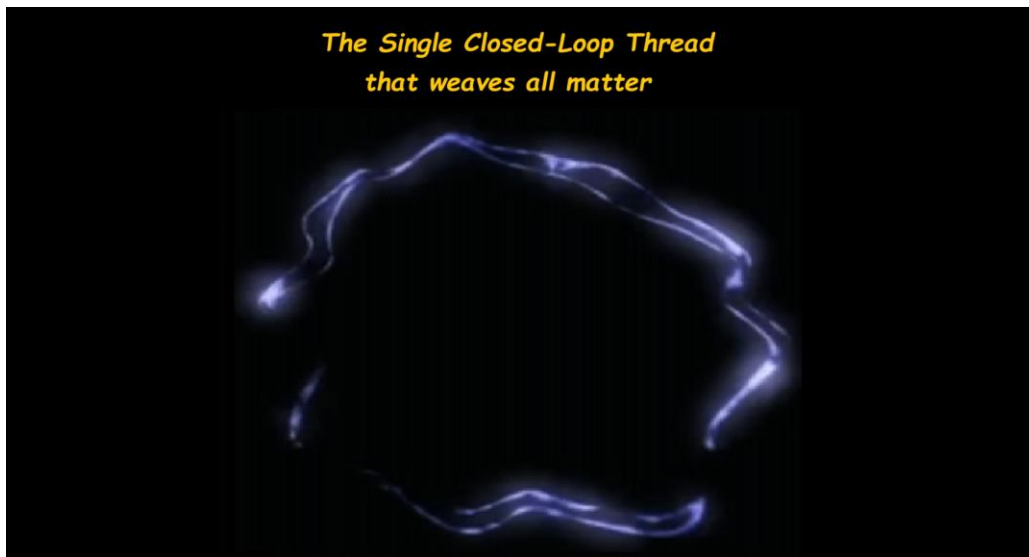
Niels Bohr's Quantum Mechanics hypothesizes instead that the background consists of a space entirely filled with abstract mathematical **concepts** such as energy, fields, and virtual 'particles'.



The model that the two Columbia University PhDs usurped, known as The Rope Hypothesis, and now before the Supreme Court challenges these irrational physical interpretations.

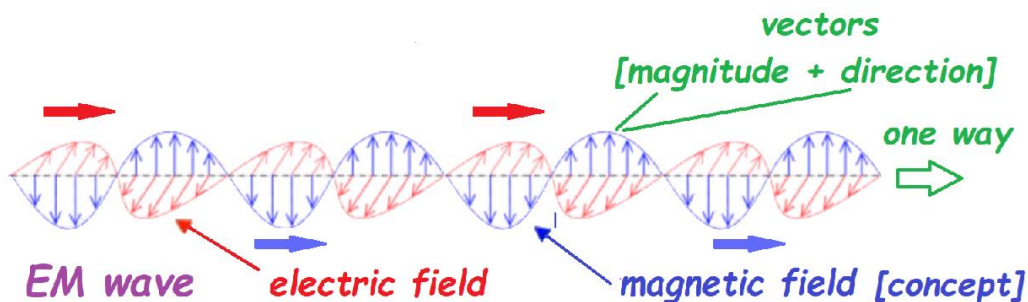
The Rope Hypothesis

The new paradigm posits that since the 17th Century the mathematical physicists have totally misconceived the nature of our Universe. The Universe does not consist of real and virtual particles or of number lines that completely fill every region of space as Mathematical Physics proposes. The model suggests instead that ultimately all there is floating in space is a Single Closed-Loop Thread that weaves all matter.

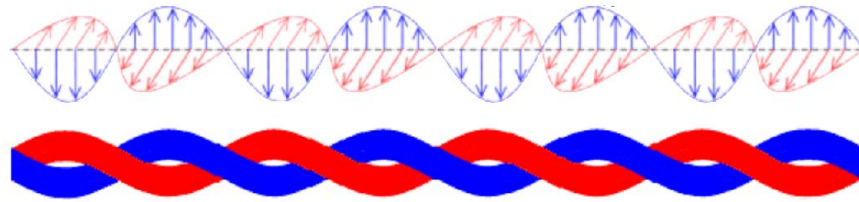


Light

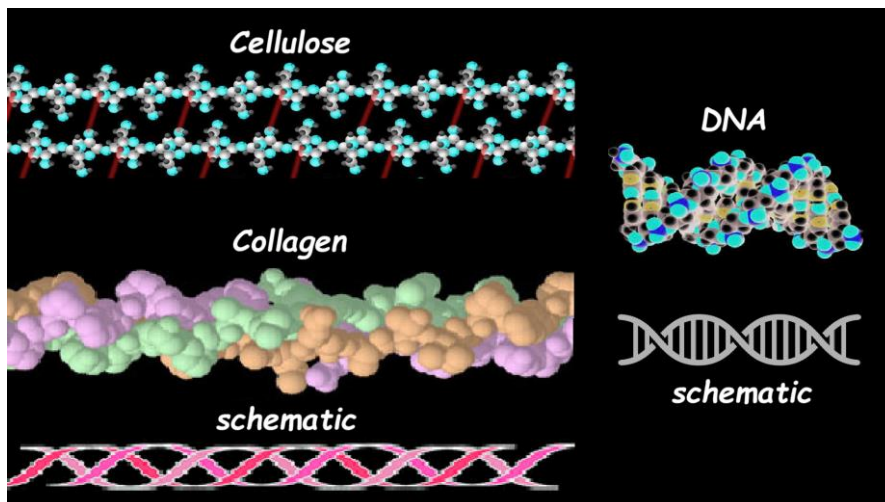
Let's begin by looking more closely at James Maxwell's transverse electromagnetic (EM) 'wave'. We learn in high school that this abstraction is comprised of an electric 'field' and a magnetic 'field', each of which in turn is comprised of vectors. Neither field nor wave is a physical object. A field is defined as 'values at each point in space'. Field is a mathematical concept. In Science, it is irrational to propose a physical interpretation in which a concept is alleged to move, vibrate, or morph into particles. The components of a field are vectors, another mathematical concept. A 'vector' is actually a number line: magnitude and direction. What we are contemplating is yet another pictorial representation of a mathematical concept.



Let's replace the abstract mathematical model with a physical model. What the mathematical establishment has been pondering for 200 years is an entity that has the appearance of a rope: a pair of twined threads.



A rope is a helical configuration that is *structurally* wavy. When pulled tight, its two strands embrace an imaginary axis and run at 90° to each other. It is perhaps more than coincidental that DNA and fibrous entities that underlie tissue such as cellulose, collagen, polypeptides, proteins, amino acids, etc., imitated the, wavy, helical, elongated, chain-like architecture that mediates light.



To keep with convention, the threads are arbitrarily labeled electric and magnetic, but unlike the mathematical concept 'field', a thread is a physical object. And whereas the sluggish transverse EM 'concept' 'travels' one way, the EM rope is bidirectional. The rope torques *in situ* and it is a '3D' torsion 'wave' that appears to propagate. A torsion 'wave' is the fastest thing imaginable, in great measure because it goes nowhere. Nothing beats a torsion wave! Only a torsion wave explains why light is so fast.

A rope configuration explains not only the enormous speed of light, but why the speed is constant. The speed of light has been measured at almost 300,000 km/s. The wave equation ($c = f \lambda$) shows that the speed of light is constant and equal to an inverse relation between frequency and wavelength. If the frequency goes up, the wavelength must shorten... and vice versa. Only a rope configuration can physically simulate this inverse relation.

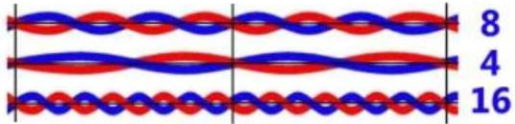
The rope configuration justifies why light travels at a constant speed and why frequency (f) and wavelength (λ) are inversely proportional.

Take a 1 meter strip of a two stranded rope. Count the number of links (frequency) and take note of the length of each link (wavelength). Torque it a few times. You should have more links and each link should be shorter for the same length of rope.

$c = f \lambda$ is the equation of a rope!

of links is inversely proportional to linklength

... or why light propagates at a constant speed.



The Atom

Quantum Mechanics could never figure out the hydrogen atom. No one in Mathematical Physics can draw an atom for you. The ubiquitous image you will find on the internet consists of a tiny electron bead orbiting a proton bowling ball. However, even a photo of an atom allegedly taken by a group at the Institute for Atomic and Molecular Physics (AMOLF) in the Netherlands shows a ring (i.e., ‘orbital’) surrounding the nucleus and not a discrete electron bead whizzing about. The so-called ‘orbital’, again, is a vain attempt to pictorially represent a mathematical concept: an energy level.

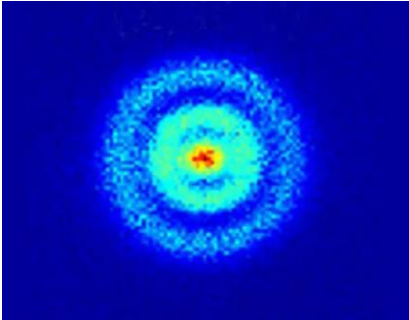
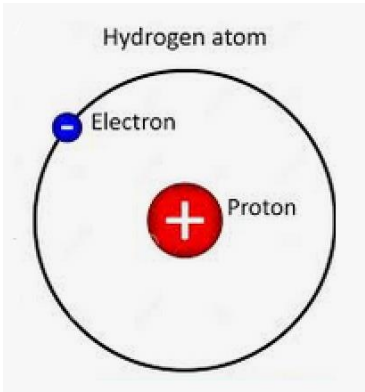
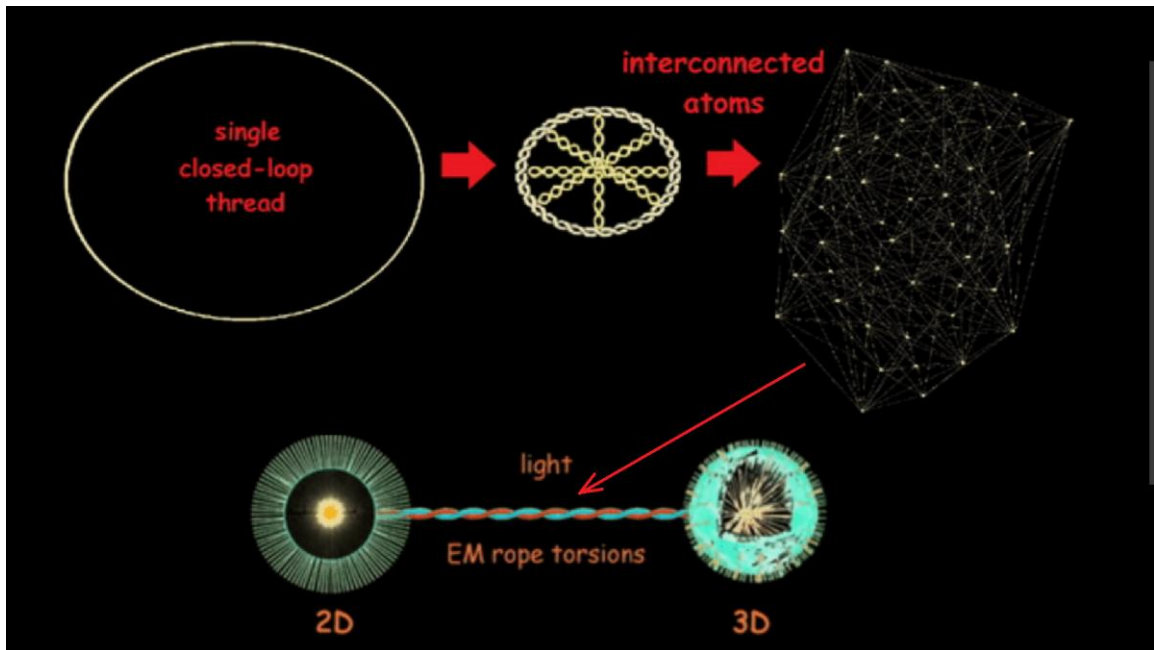


Photo of an H atom allegedly taken by a group at the Institute for Atomic and Molecular Physics (AMOLF) in the Netherlands in 2013 shows a ring and not a discrete bead..

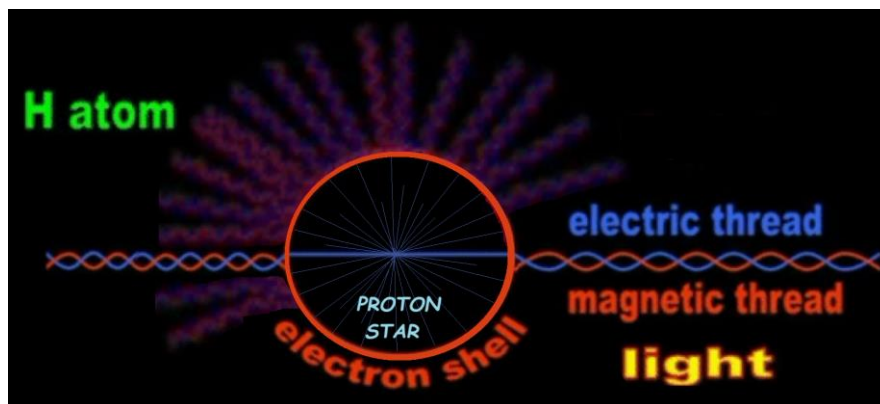
Under the Rope Model of Light and Gravity, the mathematical energy level morphs into a physical entity: a membrane. The Single Closed-Loop Thread twines around itself and constructs the ropes that bind all atoms in existence. The Thread also constructs the atoms. The electric and magnetic threads fork out at the boundary of the atom. The electric strand continues straight through the center of the atom to the other side. The electric threads from every atom in the Universe construct the proton star. The magnetic thread coils around and weaves the membrane that encapsulates the proton star. An atom is not mostly empty space as envisioned by Ernst Rutherford. An atom is a tiny urchin enclosed within a balloon caught in a universal spider web.

Both proton and electron are constructed by tiny segments of the universal Single Thread that constructs all matter. Unlike spiritualists who talk about universal ‘connectedness’, the model proposes that all of matter is PHYSICALLY interconnected.

*If we were to disentangle the universal skein of matter, we would end up with the Single Closed-Loop Thread. Any pair of atoms in existence is **physically** interconnected by a pair of threads that also weave the atoms.*

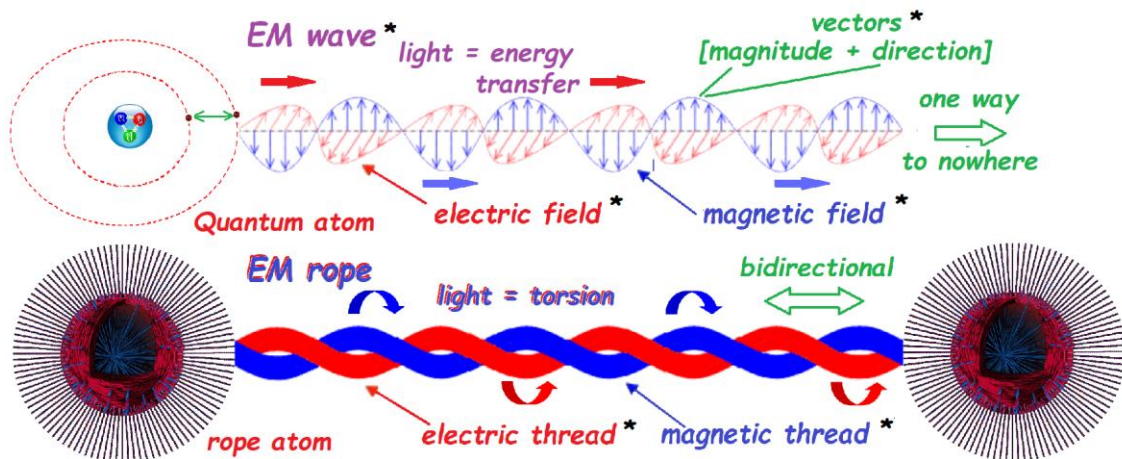


The electric and magnetic threads fork out at the boundary of the atom. The former goes straight through the center of the atom and out the other end. The latter curves around and weaves the shell that encapsulates the proton star at its center.



The EM rope binds any two atoms in the Universe. Thus, the basic system consists of two atoms bound by an EM rope. It is important to keep in mind that the EM rope is not attached to the atoms. There are no discrete entities under the Single Thread hypothesis. The two strands that make up the rope lead into and construct the atom.

Synthesis of how the Quantum atom compares against the atom proposed by the Rope Hypothesis.



** Vectors, field, and wave are mathematical concepts. Thread is a physical object.*

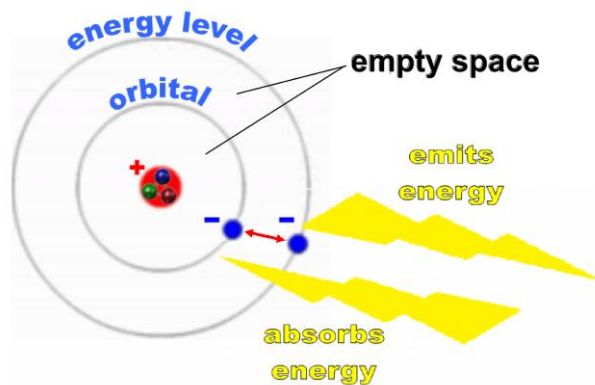
A single closed-loop thread weaves all atoms in existence and as well as the elongated physical mediators that connect them. All atoms in existence are physically interconnected by the same thread that constructs them.

Quantum Jump

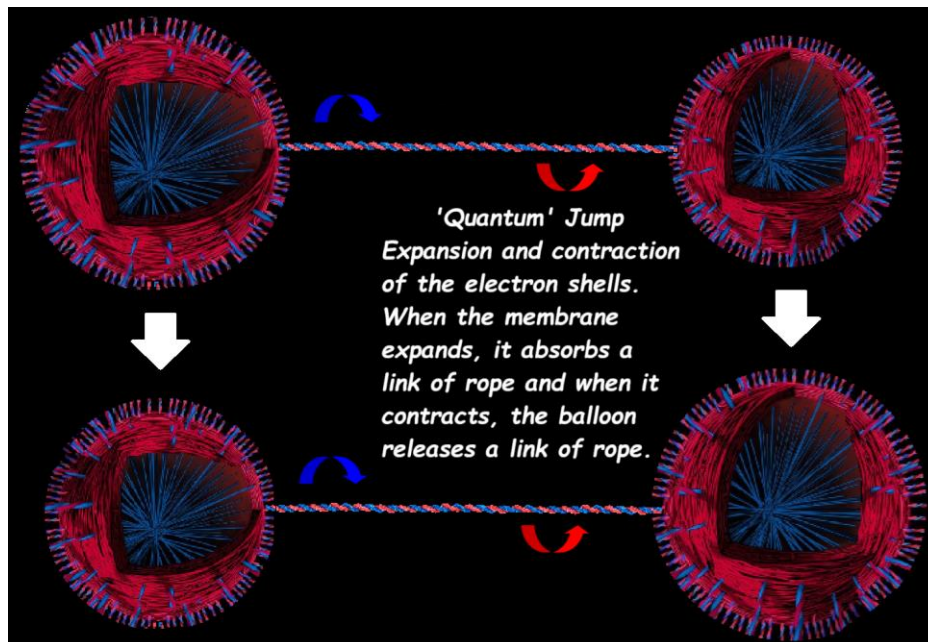
Quantum Mechanics theorizes that the electron bead leaps back and forth between mathematical regions depicted as physical shells and widely known as ‘energy levels’. What proponents of this theory have never been able to answer with this mathematical model is: What *physically* prevents the mathematically ‘negative’ bead from falling into the ‘positive’ nucleus?” Negative and positive are not physical, but rather mathematical concepts. Indeed, the quest that started Quantum Mechanics was the perplexing behavior of the electron. Why was it so stable? Why didn’t it fall all the way to the center of the atom if it constantly lost ‘energy’ during its orbit? Theorists never answered that critical question.

Theorists concluded that when the electron falls to a lower energy level, the atom emits a ‘quantum’ of ‘energy’ (i.e., light), and when the electron rises to a higher energy level, the atom absorbs a ‘quantum’ of ‘energy’. These are mathematical descriptions and not physical interpretations. And they are irrational mechanisms because proponents cannot explain why the negative electron bead is not completely attracted by the positive proton or what prevents the bead from flying out of the atom in the first place. How is it that the back and forth motion of the electron allows the atom to produce inexhaustible ‘energy’, a word that remains obscure even to this day.

In Quantum, the electron bead jumps back and forth between 'energy levels' for no reason. When it rises, the atom absorbs energy (i.e., light), and when it falls, the atom releases energy. What pushes the bead downwards and upwards? Why doesn't the negative bead fall to the positive nucleus? What prevents it from flying away from the atom? What is energy? Certainly not a physical object that can move, be absorbed, or be emitted!



Under the Rope Model, both the energy levels (orbitals) as well as the reason the electron doesn't fall to the center of the atom or fly away find rational explanations. The electron balloon expands and contracts. When it contracts, the atom releases a link of rope and when it expands it absorbs a link of rope. While it does so, the atom torques the EM rope. The atom is a tiny heart pumping torsion waves (i.e., light) to every atom in existence.



Gravity

There is no explanation for gravity in all of mainstreamdom. The reason is clear. No one ever imagined that there are invisible, intangible agents that serve as mediators for light and gravity. And the reason for this is also clear. No one in the last 5,000 years has ever defined the word *object* or, more fundamentally, realized the importance of defining this enigmatic term.

object: that which has shape

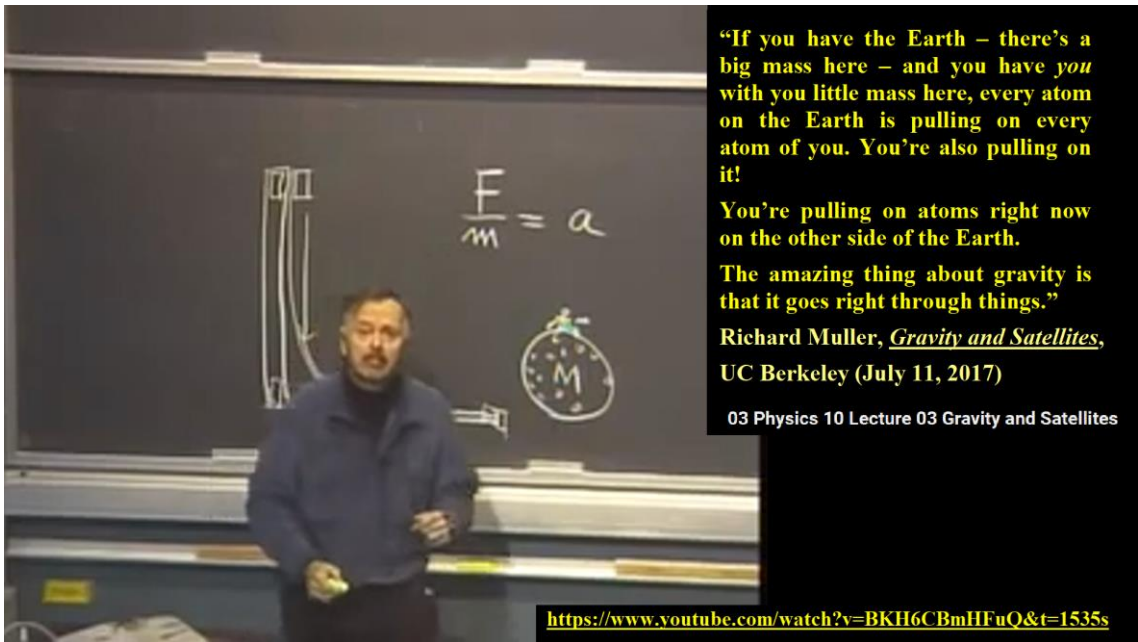
An object is not that which we can see or touch. Not all objects can be seen (e.g., air) and not all objects can be touched (e.g., the Klingon's table at the other side of the Universe.) Nevertheless, both seeing and touching require a second object and that an experiment be performed. Hopefully, a table is an object before the experiment is carried out. And an object is also not a collection of matter because matter is a collection of objects, making the definition circular (i.e., irrational). It is the irrational see/touch/collection of matter notions of the word *object* that has prevented researchers from discovering the mediators that Mother Nature uses to do her daily work.

The EM rope has shape. But the EM rope can't be seen or touched. The only way to approach the issue is through reasoning and visualization. And if the skeptic does not concede that there are physical mediators between the asteroid and the Moon that is gravitationally attracting it, the theorist is by default explaining the mechanism by invoking action at a distance: the 'scientific' version of witchcraft and black magic.

The Rope Model of Light and Gravity satisfies the criteria for unifying light with gravity. Known as the Theory of Everthing (TOE), the EM rope is used as the mediator for booth phenomena. Once we make the invisible EM rope visible, it is a no-brainer to explain gravitational acceleration. What is perplexing is that it took thousands of years for humans to finally figure out the riddle.

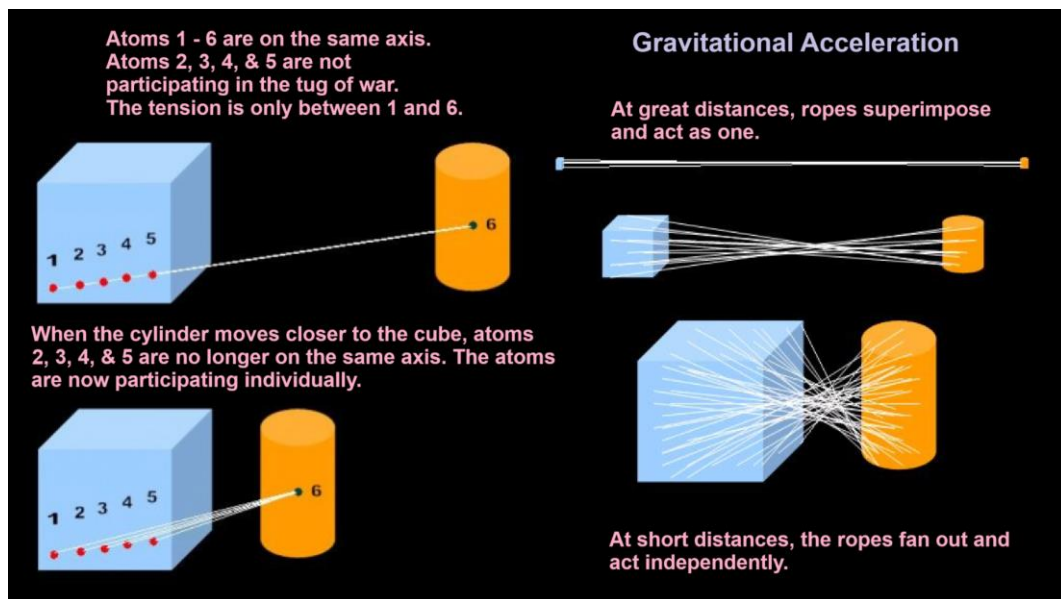
If every atom in existence is physically connected to all others via EM ropes, the reason an astronaut accelerates the closer he falls to Earth is easily understood. We begin by having Berkeley University Professor Richard Muller state the two things a gravitational theory has to explain: 1. every atom of you pulls on every atom of the Earth and vice versa and 2. gravity goes through things.

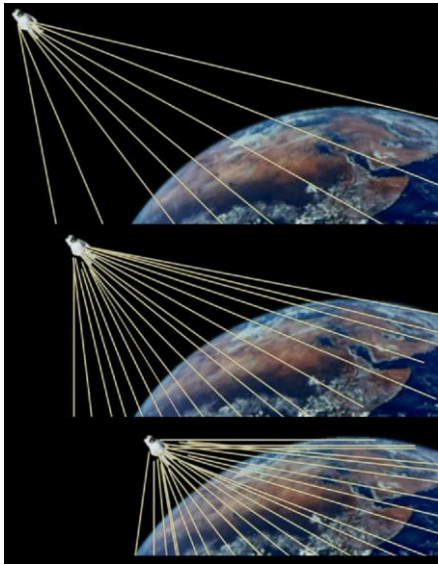
<https://www.youtube.com/watch?v=BKH6CBmHFuQ&t=1535s>



The only manner in which we can simulate what the good professor is specifying is if every atom on Earth is physically connected to every atom of you. And the only way to justify this scenario is with elongated *physical* mediators. When atoms are on the same axis, gravity goes right through them... because they are like teams competing in a tug of war where the only two individuals pulling are the two men at the far ends. It’s as if the remaining members of each team in between didn’t exist.

Gravitational Acceleration Explained





At a great distance the EM ropes act as one, as a single coaxial so to speak. As the astronaut approaches the Earth, the ropes fan out and the astronaut falls faster as a result that more ropes act independently. Consistent with the universal gravitational equation, the number of independent ropes that intervene is a function of distance.

The only issue researchers and theorists ever had to resolve was the scientific definition of the word *object*. That was the critical clue everyone missed.

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