

## Exhibit 9 Originality / Creativity

**The Rope Hypothesis** is a **PHYSICAL** *explanation* whereas  
**Mathematical Physics** is a **MATHEMATICAL** *description*.

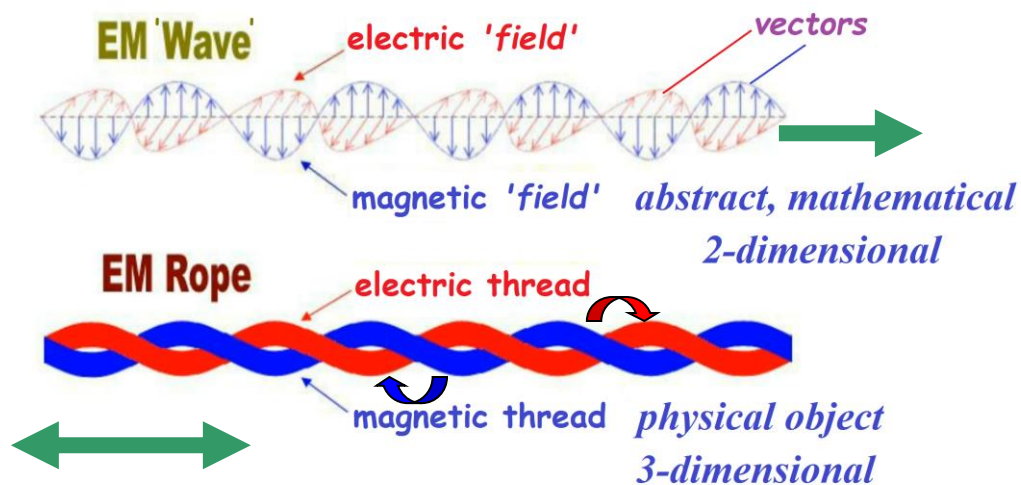
### Light (side by side comparisons)

#### Mathematical Physics

Mathematical Physics and all dissidents propose that light consists of discrete particles that flow one-way from A to B. An alternative version has it that light consists of a pair of orthogonal transverse waves also traveling one way from the atom outwards. This is the catechism that is taught in every high school on the planet. All textbooks of physics have illustrated light as either waves or particles for the last 400 years.

#### The Rope Hypothesis

The rope model of light and gravity proposes that all atoms in existence are interconnected via a *physical* elongated mediator. This physical mediator consists of a twined pair of threads: a DNA-like rope. Light consists of a torsion of the electromagnetic (EM) rope. Torsion explains the enormous speed of light and why the disturbance 'travels' bidirectionally.



### Light

Video showing dynamic versions (15 seconds)

Side by side comparisons: **Mathematical Physics** v. **The Rope Hypothesis**

Watch: <https://www.youtube.com/watch?v=oTyMa9XI8vY>

## Atomic architecture (side by side comparison)

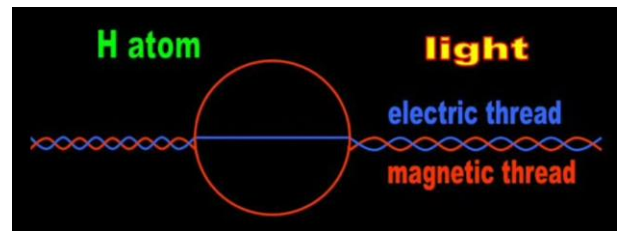
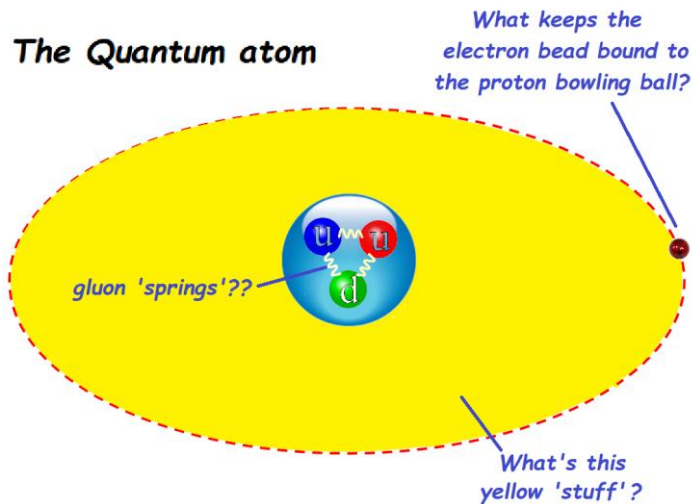
### Mathematical Physics

Mathematical Physics and all dissidents postulate and widely use the planetary model of the atom to explain phenomena such as ionization, quantum jump, and electricity. The atom consists of a discrete bead known as an electron which is negative (a meaningless term in Physics). This bead can be found somewhere around the positive proton: a discrete bowling located in the center of the atom. An alternative version never used has it that the electron is a mathematical cloud or region (energy level, orbital) in which the electron bead may be found.

### The Rope Hypothesis

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#### The Quantum atom



## Atomic Structure/Architecture/Construction

Video (57 seconds)

Side by side comparisons: **Mathematical Physics** v. **The Rope Hypothesis**

Watch: <https://www.youtube.com/watch?v=QBk0e6HrGCg>

## Quantum Jump (side by side comparison)

### Mathematical Physics

Mathematical Physics explains quantum jump as the back and forth movement of the electron bead between 'energy levels'. When the electron quantum jumps, the atom emits one-way photons (waves or particles of light).

### The Rope Hypothesis

Under the rope model, quantum jumping consists of expansion and contraction (pumping) of the electron membrane, balloon, or shell. When the electron expands and contracts, the atom torques the EM rope. Light consists of torsions of the EM rope.

## Quantum Jump

Video (26 seconds)

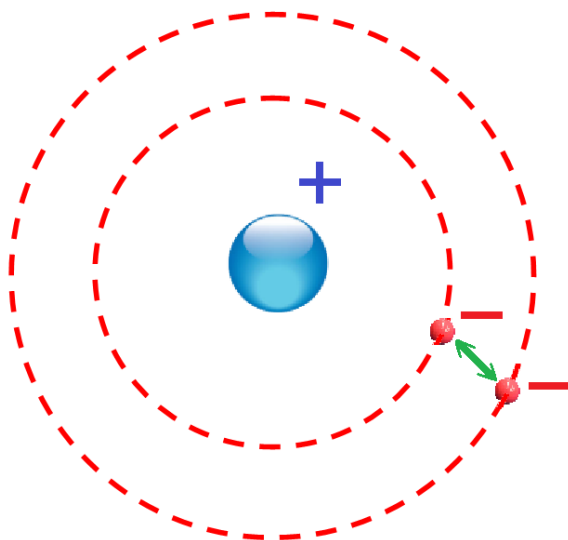
Side by side comparisons: **Mathematical Physics** v. **The Rope Hypothesis**

Watch: [https://www.youtube.com/watch?v=tRB0iiqO9\\_I](https://www.youtube.com/watch?v=tRB0iiqO9_I)

### Mathematical Physics

#### Quantum Jumping

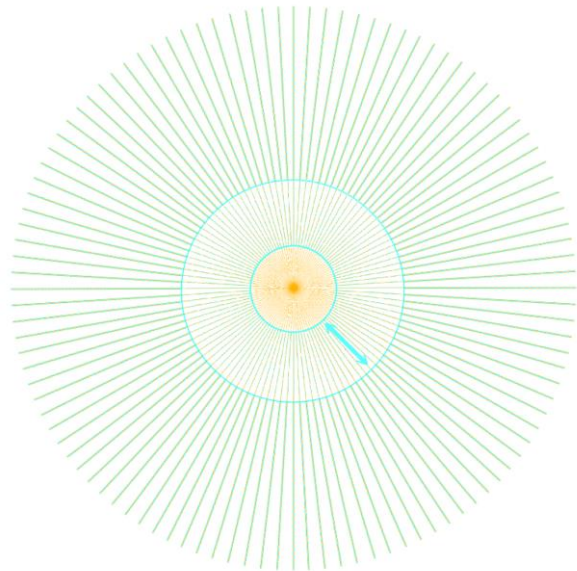
The **electron bead** jumps back and forth between energy levels.



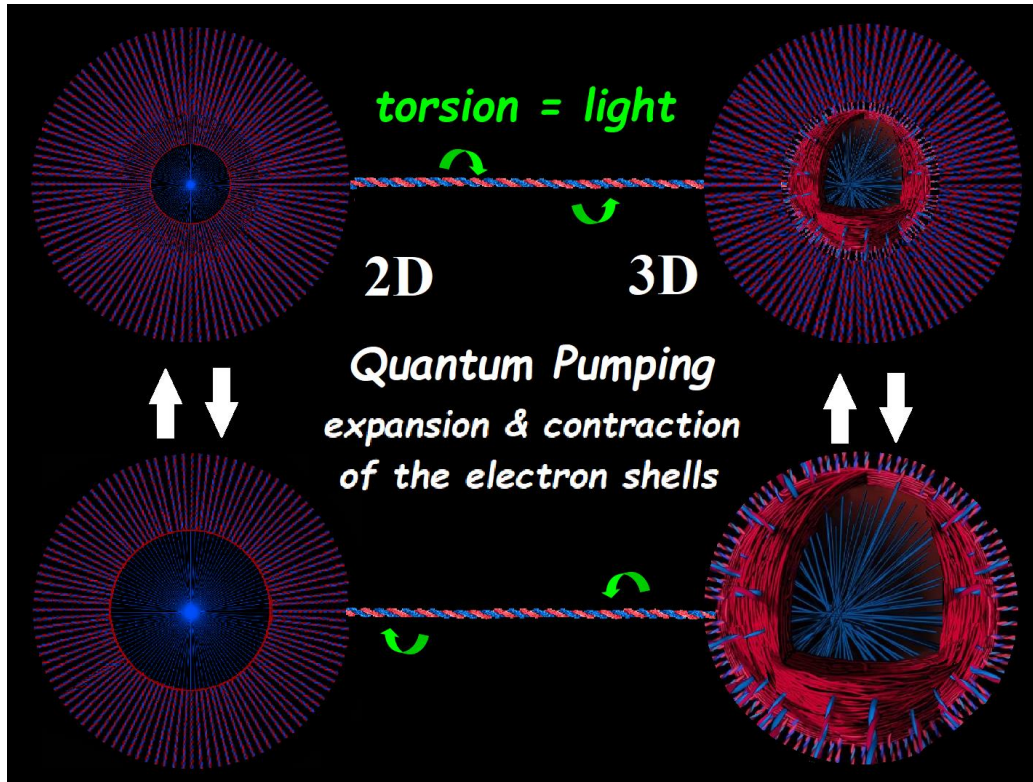
### The Rope Hypothesis

#### Quantum Pumping

The **electron shell** expands and contracts



Expansion and contraction of the electron *membrane* that encapsulates the proton *star*, made in turn from countless EM ropes converging on our atom from every atom in the Universe, torques the rope between any two atoms. It is this torsion that we call *light*.



## Electricity (side by side comparison)

### Mathematical Physics

Mathematical Physics explains electricity as the one-way flow of discrete electron beads from one atom to the next. The 'negative' electron corpuscles travel to the positive pole of the circuit. 'Holes' (absence of electrons) travel in the opposite direction.

### The Rope Hypothesis

The Rope Hypothesis proposes that the physical electron shells of different atoms merge to form a conductor. These long molecules spin *in situ* clockwise (CW) and counterclockwise (CCW). Electricity is torsion of interconnected merged shells all around a circuit. Mathematical positive and negative are actually physical CW and CCW spins.

## Electricity (Current)

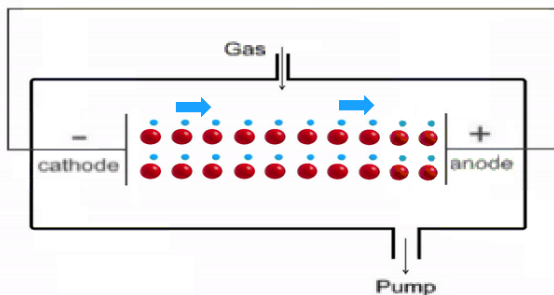
Video (41 seconds)

Side by side comparisons: [Mathematical Physics](#) v. [The Rope Hypothesis](#)

Watch: <https://www.youtube.com/watch?v=iuL8ENNOipM>

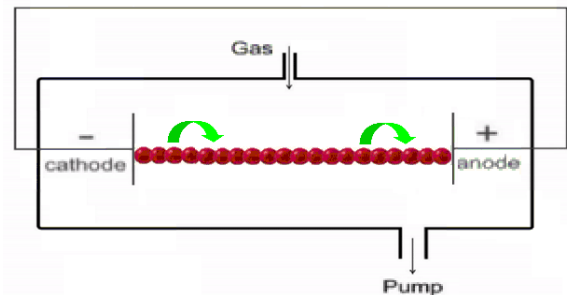
### Mathematical Physics (electricity)

flow of electron beads from atom to atom  
and from negative pole to positive pole



### The Rope Hypothesis (electricity)

*in situ* spinning of merged electron shells



## Magnetism (side by side comparison)

### Mathematical Physics

Mathematical Physics has no physical interpretation for magnetism. It *describes* that discrete electron beads of one magnet spin in the same direction as those of the one it attracts. In the video below, Nobel Prize Richard Feynman confesses that Mathematical Physics has no explanation for the mechanism.

Watch Richard Feynman testimony:

<https://www.youtube.com/watch?v=Pq9wDVFaJYo>

(First two minutes)

### The Rope Hypothesis

The Rope Hypothesis proposes that long molecules comprised of merged electron shells spin *in situ* to produce electricity. When they do, they swing around themselves the threads that comprise the electron membranes that encapsulate the atoms and the ropes that interconnect them. If the countless walls of threads of two magnets spin in the same direction (e.g., CW) the magnets attract. If the threads swing in opposite directions (e.g., CW vs. CCW), the magnets repel each other.

Rope Hypothesis Magnetism

start video at 20:00 minutes for full explanation

Watch: <https://youtu.be/Pq9wDVFaJYo?t=1206>

Reel Physics (cartoon – short version – 3 minutes)

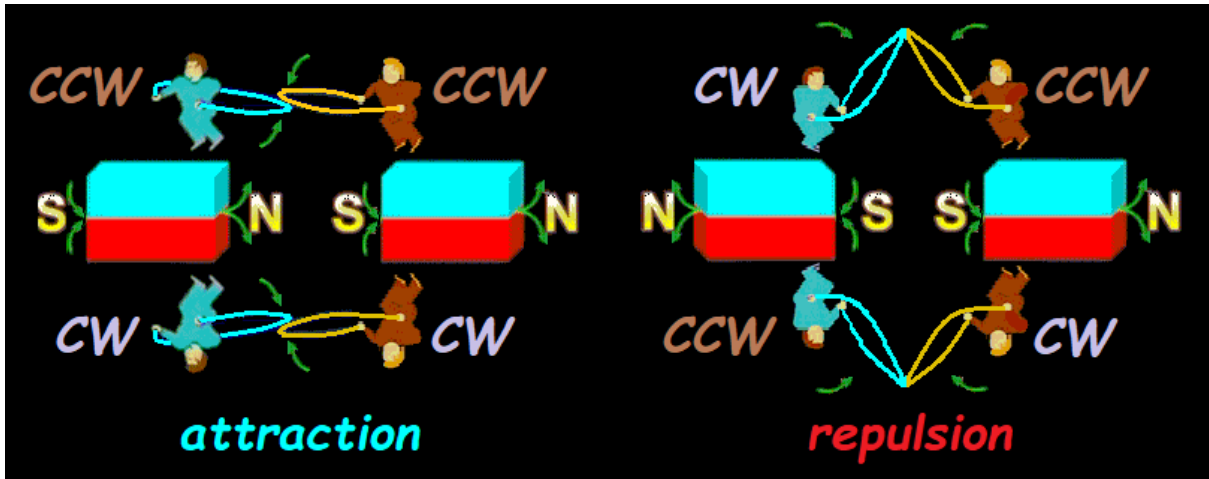
<https://www.youtube.com/watch?v=PLb6aDGYTTg>



### Rope Hypothesis Magnetism

**Attraction:** When the threads swing in the same direction (e.g., CCW), the ones coming up on the right magnet latch on to the threads coming down in the second magnet. The threads on the bottom half of each magnet swing in exact opposite directions.

**Repulsion:** When we turn the first magnet around, the direction of the threads go from CCW to CW. Now the threads of each magnet clash and push the magnets away.



## Gravity (comparison: Mathematical Physics vs. Rope Hypothesis)

Watch: <https://www.youtube.com/watch?v=CvWeYJg9Oxs>

**Mathematical Physics gravity**  
warped space-time

The Sun weighs down the 'canvas' (abstract mathematical concept) of space-time. The Earth rolls or slides around this depression.

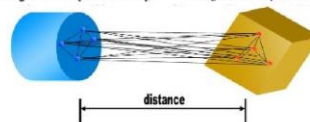


**The Rope Hypothesis**

**Assumption: all atoms are physically interconnected**

**gravitational acceleration: as an object approaches another, the EM ropes that interconnect them fan out.**

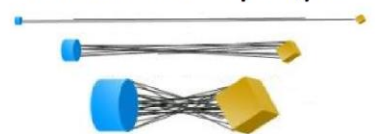
**How gravity works**  
object 1 (mass 1)    object 2 (mass 2)



EM ropes interconnect all atoms.

gravitational acceleration is a function of distance

at great distances, interconnections superimpose



at short distances, interconnections fan out