

## Exhibit 14

### The Foundations of Physics

For the first time in history, The Rope Hypothesis established the definitions of the strategic words that form the foundations for the discipline known as Physics. A major paradigm shift took place that has yet to reach the general public. The defendants realized the potential these definitions and learned the arguments to support them. They also realized the potential they had for recruiting donors and thus copied the strategic definitions onto their pages, not only individually, but as a comprehensive set. The set includes the terms: *object, distance, location, motion, exist,* and *concept*. It is to note that not one of the definitions of these words contained in WGDE matches what mainstream science, philosophy, or the ordinary and scientific dictionaries have defined or use even today. These scientific definitions originate in the first chapter of WGDE and were uploaded in 2008 to:

**Foundations of the principles, foundations, and definitions  
of Science and Physics**

**Henceforth ‘Foundations’ (<http://youstupidrelativist.com/05Princip.html>)**

Nevertheless, a question before the trier of fact is: Why would the defendants Bendebury and DeLay analyze these specific terms if not that they obtained the entire set and the arguments from the **Foundations** copyrighted by the plaintiffs?

**Demystifying Science (DS) in blue**

**Excerpts from the page titled:**

**What Does It Mean For Something To Exist In Physics?**

**<https://demystifyingscience.com/blog/2020/3/12/exist-vs-occur>**

**(Note placed by DS on the page on or about April 11, 2021...)**

**“the modern scientific failure to establish a unified physical picture of our universe. this is a serious issue \* .”**

**\*While the above views are my own, the idea of the abuse of the word “exist” in science was first brought to my attention by Bill Gaede. You can check him out at his YouTube channel here. Blogger Fatfist \*\*\* also inspired ideas in this post and throughout this channel.**

**\*\*\* Blogger Fatfist was a member of the original Facebook RSM and bought WGDE. The plaintiffs authorized him to use material in [his Hubpages site](#) where he references the RSM. (click on Fatfist’s [Follow me here](#) icon.)**

## *Object*

**Mathematical Physics (mainstream) in green**

**Demystifying Science (2020) in blue v. The Rope Hypothesis (1998 - 2008) in red**

**Mathematical Physics** -- *object: that which we can see or touch*

**“Physics... necessarily begins with existing objects.”**

**in Physics, we cannot avoid defining the word *object*. WGDE p. 14**

**The word *object* is the most fundamental word of Physics and precedes any concept. Physics is first and foremost the study of objects. WGDE p. 15**

**“Object... something with a shape (modified in April to read: “*An object is a thing with a surface...*”)**

**“An object can only be conceived of so long as it has shape” (modified on April 11 to read: “*An object can only be conceived of so long as it is a thing with a surface...*”)**

***object: that which has shape. (syn: finite, thing, something, island, discrete, entity, structure, physical, substance). WGDE p. 13***

**In order to be a proper subject matter of Physics, the ‘thing’ in question must absolutely have shape. WGDE p. 13**

**See: <https://www.youtube.com/watch?v=f--XOBLtLLs> (3 min vid on OBJECT)**

## Location/ Motion

Demystifying Science (2020) in blue v. The Rope Hypothesis (1998 - 2008) in red

“in order for that object to exist it has to also have *location: a set of static distances to all the other objects in the scene. Without a location an object cannot be said to exist*” (Replaced on April 11 by: “in order for that object to exist it has to also have *physical place: a set of static distances to all the other objects in the scene.*”)

“In physics, moving inexistent objects or even real ideas about is egregiously fallacious. Only existents move in physics. And only such objects can ever be regarded to cause motion, and hence phenomena.”

we cannot have *distance, location, or motion* without an object. WGDE p. 15

*distance: the gap or separation that exists between two objects.* WGDE p. 15

*location: the set of distances of the object with respect to the remaining matter in the Universe.* WGDE p. 15

We refer to the space separating the surfaces of any two objects as distance. The distance of Physics is not the same as the distance-traveled of Mathematics. (Foundations)

Location consists of the set of distances from one object to the remaining ones in the system. (Foundations)

“Without two or more locations, no travel is possible in physics... in physics, a location can only mean where an object exists with respect to the other objects...” \*\*\*

<https://demystifyingscience.com/blog/2020/2/17/demystifying-time-travel>

\*\*\* Note: No one in Mathematical Physics (i.e., mainstream) ever defined ‘location’ other than in mathematical terms – as a synonym of position [e.g., ordered pair of coordinates (x, y)]. The defendants did not learn these definitions by taking courses in Mathematical Physics at their alma mater: Columbia University.

*motion: two or more locations of an object.* WGDE p. 15

8. Motion involves two or more locations of an object. Motion is a property circumscribed to objects that exist. Concepts and imaginary objects do not have the ability to move. (Foundations)

# Exist

## Mathematical Physics (mainstream) in green

Demystifying Science (2020) in blue v. The Rope Hypothesis (1998 - 2008) in red

### Mathematical Physics

exist/existence:

1. to have actual being
2. the ability of an entity to interact with physical or mental reality

“The word ‘exist’ is central to many, if not all, scientific discussions”

“We always start with such an object in physics because it is the science that principally deals with the dynamics of existing bodies.”

Physics is first and foremost the study of objects. Physics only studies objects that exist. Physics is the Science of Existence. Exist is a word circumscribed to objects. An object exists if it has location. (Foundations)

“reserve the word ‘exist’ for physical objects with definite locations”

“an existing object is a body with a location; that is something with a shape”

“Let’s call this the “Something, Somewhere” principle of physics.”

exist: Physical presence. WGDE p. 460

The physical component invokes an object. The presence part requires a location. All objects must have shape if they wish to be members of the category *object*, but not all objects have location. WGDE p. 460

For the purposes of Science, concepts do not exist and cannot be said to exist. They lack the two necessary attributes: shape and location. (Foundations)

## Concept

Demystifying Science (2020) in blue v. The Rope Hypothesis (1998 - 2008) in red

Mathematical Physics has no definition or cares about the word concept.

“math’s... failure to distinguish between objects and ideas has evinced endless confusion for science at large, the most prevalent of which concern the well-known logical fallacy of reification,” (Before April 11, 2021: “objects and concepts”)

**Mathematical Physics** (the 'science' of reification)...

(*Main page of [youstupidrelativist.com](http://youstupidrelativist.com)*)

**19. Irrational involves any of the following... morphing a concept into an object (reification) (Foundations)**

**a rational theory of Physics is one that outlaws reification. This definition instantly outlaws all of Mathematical 'physics'**

<http://www.youstupidrelativist.com/MPrational.html>

**Mathematical Physics is a discipline that exclusively studies reification.**

<http://www.youstupidrelativist.com/01Math/01Point/02Euclid.html>

“All words, and hence all ideas... can be divided into one of two categories: object and concept.”

(*DS changed this on April 11 to read: “All words, and hence all ideas... can be divided into one of two categories: objects and ideas.”*)

**In Physics... we must define the crucial word *object* in such a restrictive way as to exclude abstract concepts. All words in the dictionary are either objects or concepts. WGDE p. 13**

“Mathematics... has no built-in distinction between objects and concepts.”

(**Replaced *concepts* with *ideas* after April 11**)

**this seemingly inoffensive definition of the word *object* is the bearer of bad tidings for Mathematical Physics. It summarily destroys relativity and quantum in one fell blow. Mathematical Physics... has always used abstract concepts in lieu of physical objects. The mathematicians routinely treat abstract concepts – field, time, black holes – as real entities. WGDE p. 14**

## Concept (continued...)

Demystifying Science (2020) in blue v. The Rope Hypothesis (1998 - 2008) in red

“A *concept*... is merely the relationship between one existing object and another or an additional concept.”

(DS replaced the word *concept* in this sentence on April 11 with: “*Ideas abstractly link one existing object and another or an additional concept*”)

“How can we retain the distinction between object and *concept* at this point in our scientific evolution?” (DS replaced the word *concept* in this sentence with *idea*.)

A concept is a relation between TWO objects. WGDE p. 15

What distinguishes a concept from an object is that a concept is artificial (man-made) and invokes a minimum of two objects. WGDE p. 15

*concept: A word that embodies or invokes more than one object or location. (Syn.: notion, idea, mathematical object, particulars, member of a set). WGDE p. 16*

all concepts are artificial and traceable to objects. WGDE p. 13

a concept differs from an object in that it doesn't possess shape WGDE p. 460

A concept is a word that embodies or invokes two or more objects. A concept is a *relation* between objects. Thus, the definition of the word *object* precedes the definition of the word *concept*. The quick way to determine whether a word in the dictionary is a concept or an object is by determining whether it represents that which has shape. If you can't visualize it, if you can't draw it, the word is a concept.

(Foundations)

See also: <http://youstupidrelativist.com/04Exist/02Concept.html>

# Time

## Mathematical Physics (mainstream) in green

Demystifying Science (2020) in blue v. The Rope Hypothesis (1998 - 2008) in red

### Mathematical Physics Time:

1. the indefinite continued progress of existence and events that occur in an apparently irreversible succession from the past, through the present, into the future.
2. in physics time is operationally defined as "what a clock reads"

“time is the comparison of some motion with respect to another predictable, periodic motion... time itself- the relative motion of two bodies” \*\*\*

<https://demystifyingscience.com/blog/2020/2/17/demystifying-time-travel>

“Time is Motion With Memory ... We remember where the runner started when we consider her time at the finish line... This test of time only works because we remember the start...in physics,... in laymen’s terms, time is motion and memory What is the Definition of Time in Physics?” \*\*\*

<https://demystifyingscience.com/blog/the-physical-definition-of-time>

\*\*\* Note: The defendants did not learn these definitions in college.

*qualitative time* (Physics): A qualitative relation established between two locations of an object or between the trajectories of two objects (e.g., before/after, earlier/later, cause/effect). WGDE p. 70

*quantitative time* (Mathematics): A numerical or quantitative relation established between two motions, one of which is a pre-established standard (e.g., seconds, months, decades). WGDE p. 70

*Time requires memory. Time is motion and memory... Time is the comparison of two motions.* WGDE p. 70