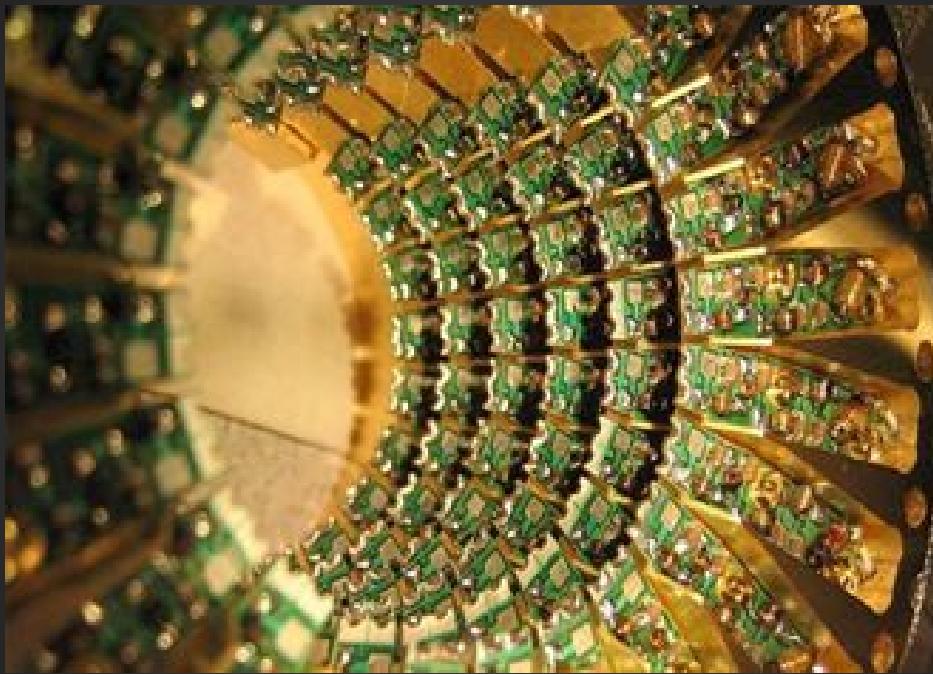


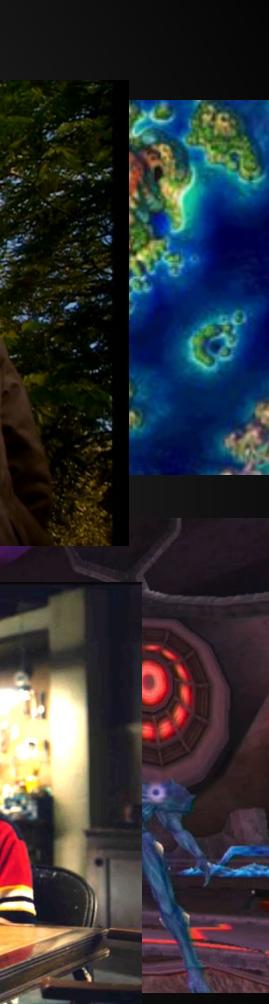
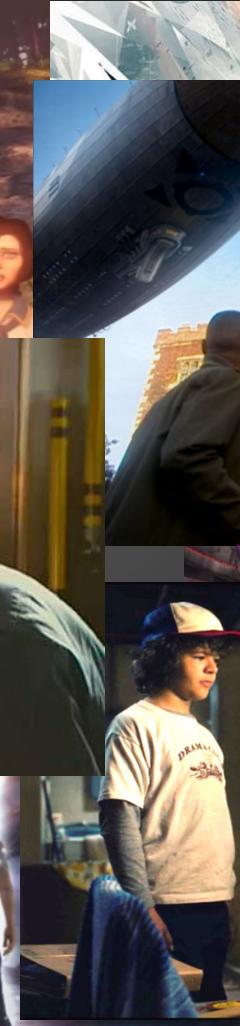
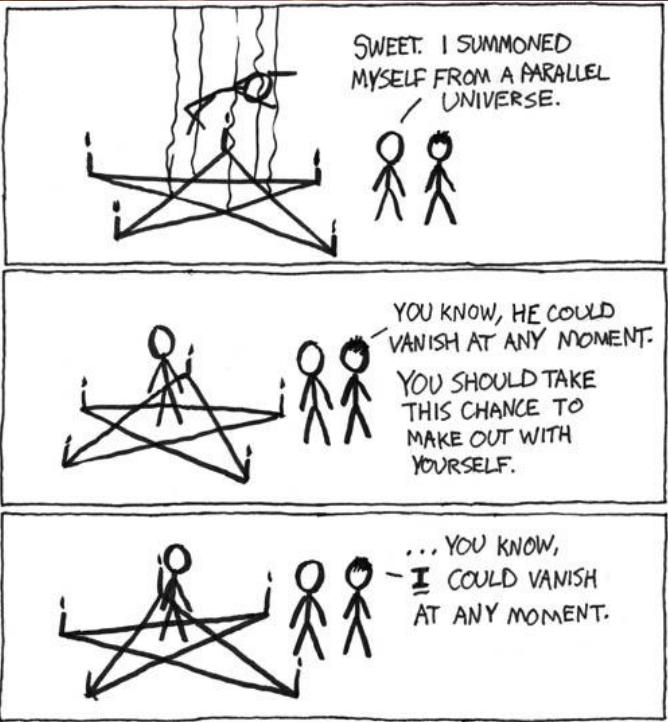
# **quantum roots of alternate reality narratives in games**

PAX-West Sep. 2016

brian kirkby

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<http://bkirkby.github.io/>  
[@therealpheirce](https://twitter.com/therealpheirce)





# Alternate Universe

[Main](#)[Laconic](#)[Quotes](#)[Create New ▾](#)

*"Penny, while I subscribe to the many worlds theory which posits the infinite number of Sheldons in an infinite number of universes, I assure them am I dancing."*

— Sheldon Cooper, *The Big Bang Theory*

A story in which the characters we know are seen in a reality somehow different, often disturbingly so. If they can access alternative universes at the same time, that's [The Multiverse](#)

Sometimes everyone has an [Evil Twin](#). Other times, everyone

https://en.wikipedia.org/wik/Category:Video\_games\_featuring\_parallel\_Universes

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## Category:Video games featuring parallel universes

From Wikipedia, the free encyclopedia

This is a list of **video games** that feature **parallel universes**.

### Subcategories

This category has the following 10 subcategories, out of 10 total.

**C**

- ▶ [Capcom Versus \(series\)](#) (1 C, 11 P)

**D**

- ▶ [Digimon video games](#) (28 P)
- ▶ [Drakengard](#) (11 P, 15 F)

**K**

- ▶ [Kamen Rider video games](#) (8 P)
- ▶ [Kingdom Hearts](#) (2 C, 24 P)

**M**

**R**

- ▶ [Megami Tensei](#) (3 C, 37 P, 4 F)
- ▶ [Myst games](#) (8 P)

**S**

- ▶ [Rifts \(role-playing game\)](#) (11 P, 3 F)

**V**

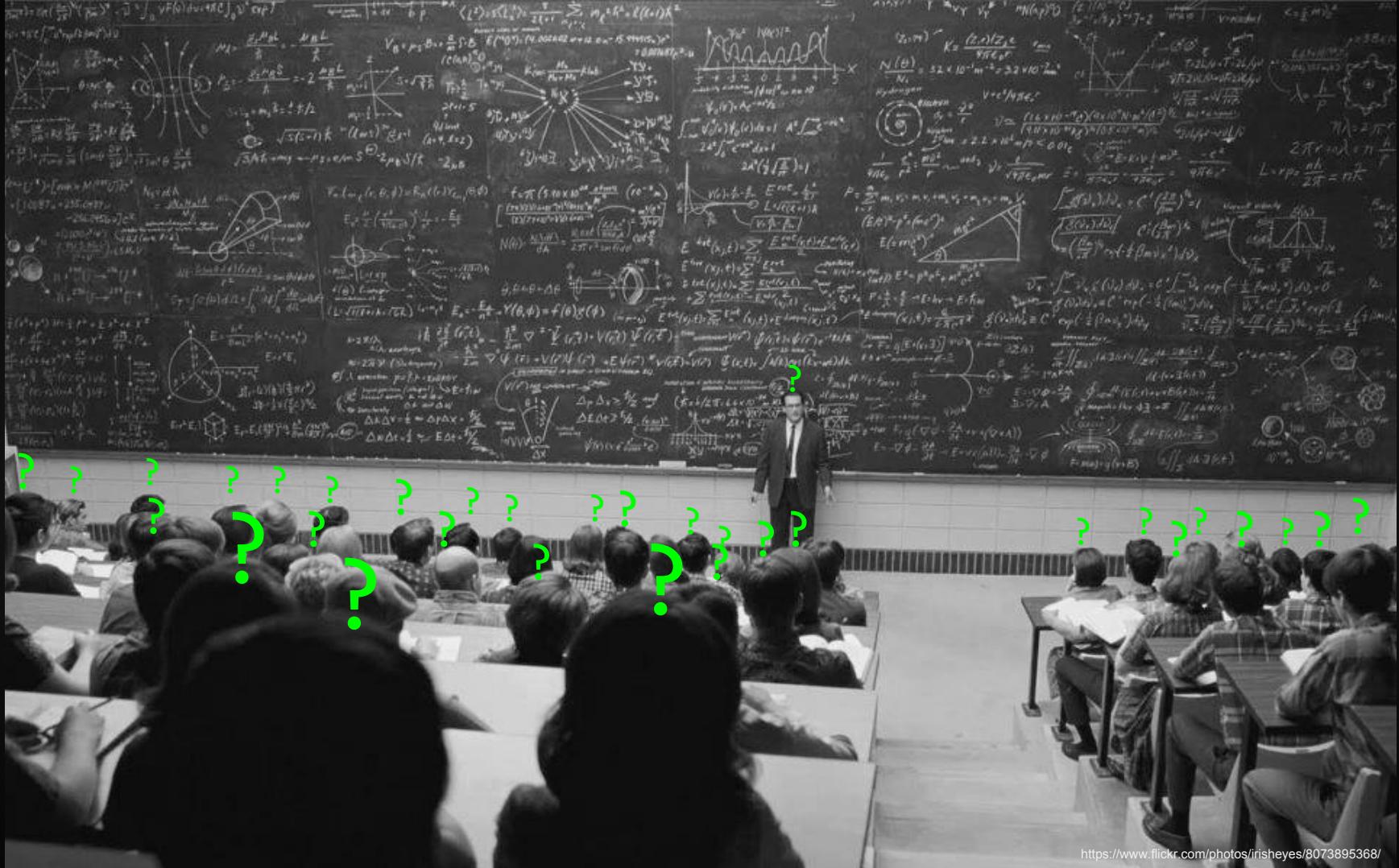
- ▶ [Silent Hill](#) (3 C, 16 P)

**A**

**Pages in category "Video games featuring parallel universes"**

The following 91 pages are in this category, out of 91 total. This list may not reflect recent changes ([learn more](#)).

- [Life Is Strange](#)
- [The Longest Journey](#)





if quantum mechanics hasn't profoundly  
shocked you, you haven't understood it yet

Niels Bohr



science cannot solve the ultimate mystery of nature.  
and that is because, in the last analysis, we ourselves  
are a part of the mystery that we are trying to solve

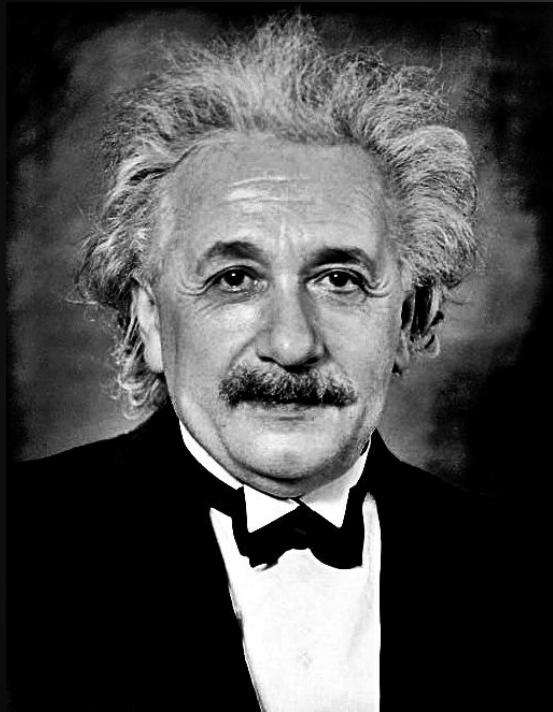
Max Planck



not only is the universe stranger than we think, it is  
stranger than we can think

Werner Heisenberg





as i have said so many times, God does not play  
dice with the world

Albert Einstein

( “stop telling God what to do” -- Niels Bohr )



i think i can safely say that nobody understands  
quantum mechanics

Richard Feynman



a good [mental] fight with [quantum mechanic] propositions  
is probably psychologically necessary if you are ever to get  
on top of the subject

David A. B. Miller

# what is light?



or





1678







A black and white reproduction of a classical painting of a young man with curly hair, holding a sword.

1672 / 1704

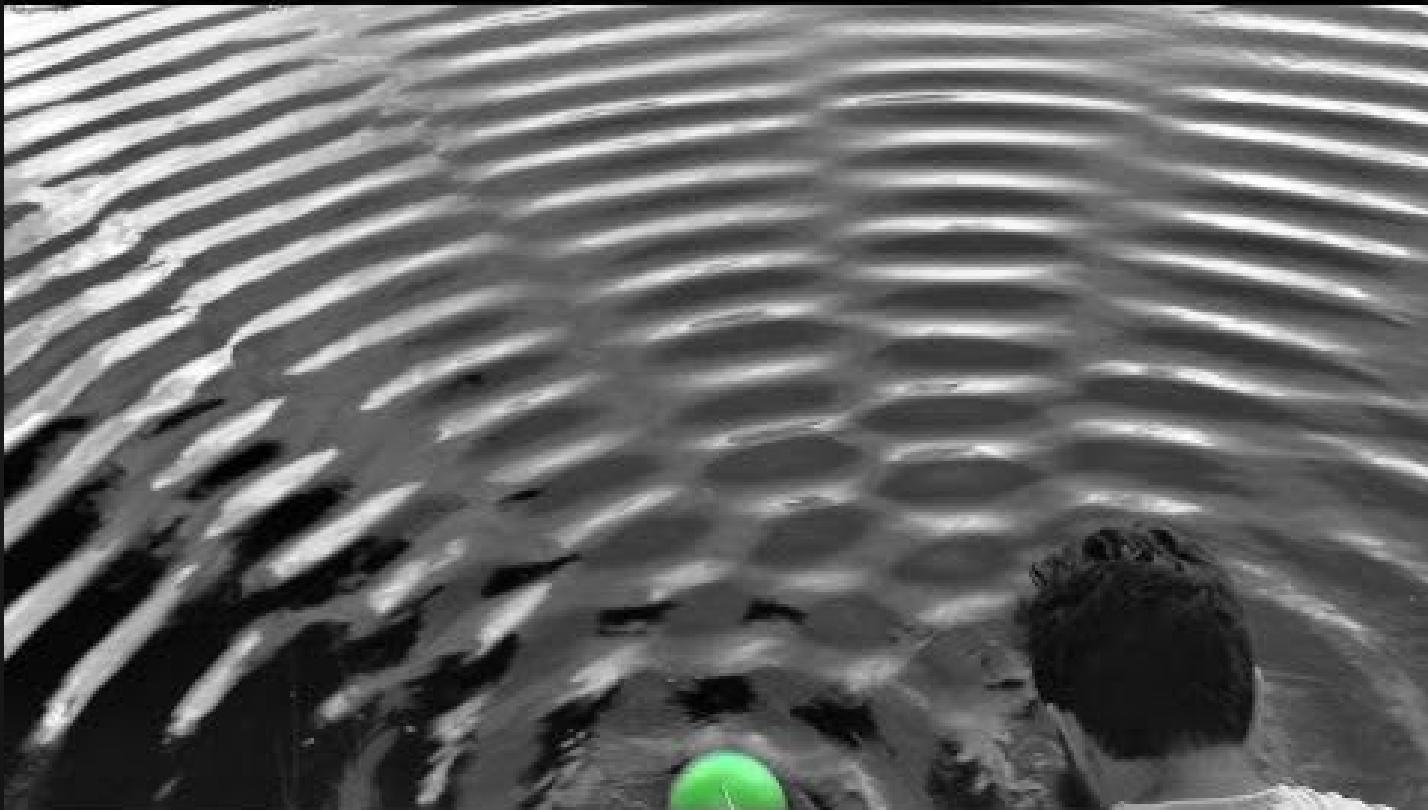




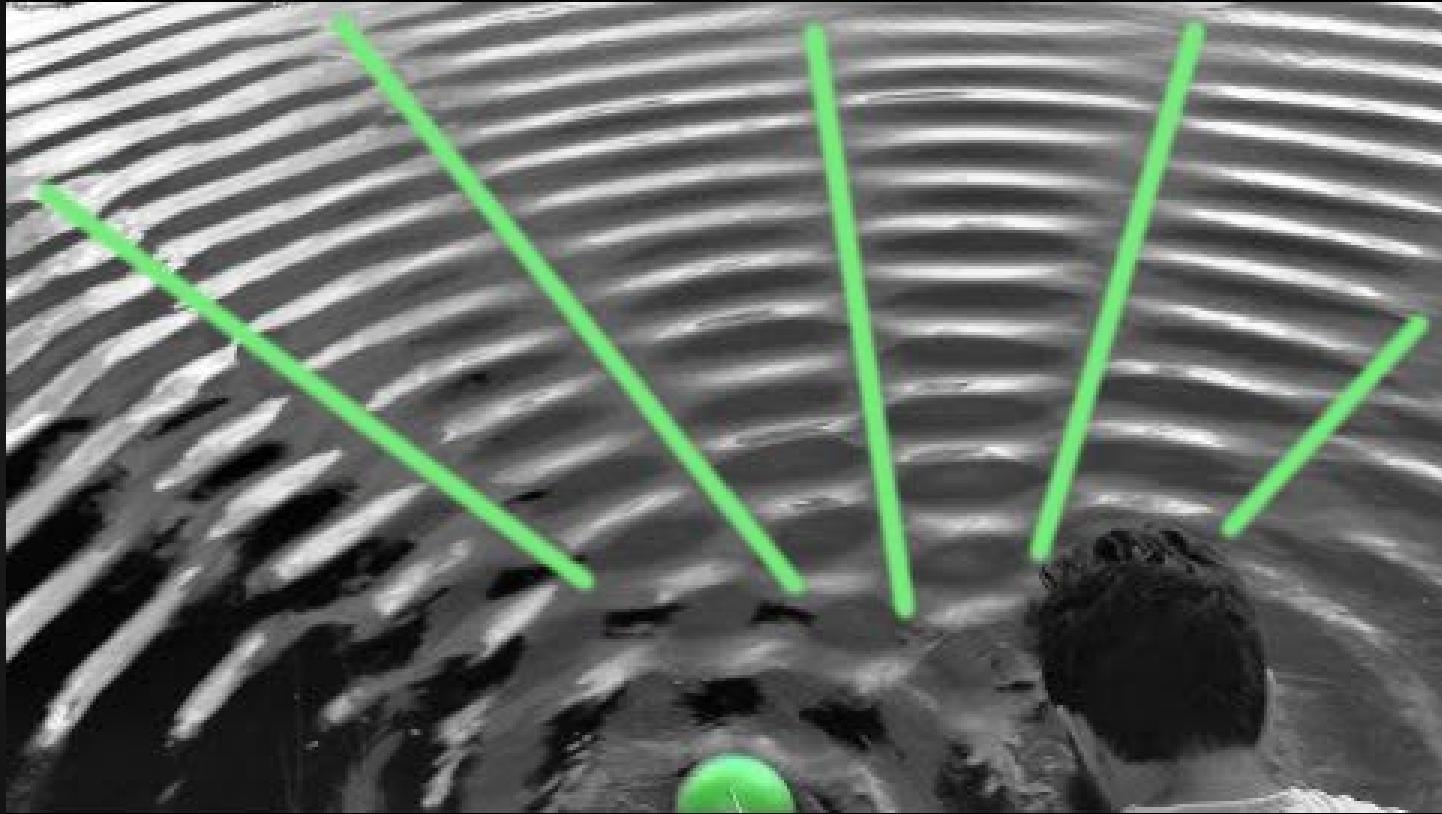


1803

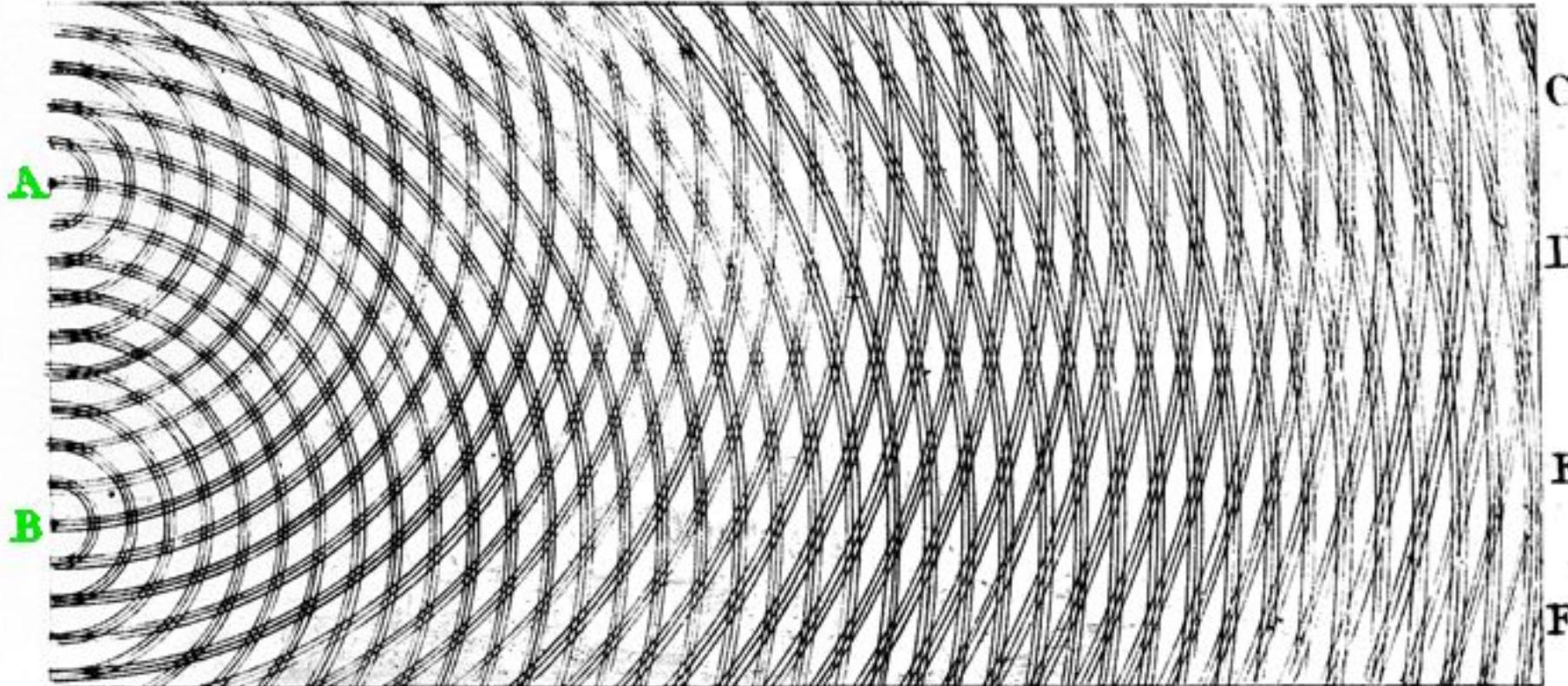




Veritasium : <https://www.youtube.com/watch?v=luv6hY6zsdo>



Veritasium : <https://www.youtube.com/watch?v=luv6hY6zs0>



A

B

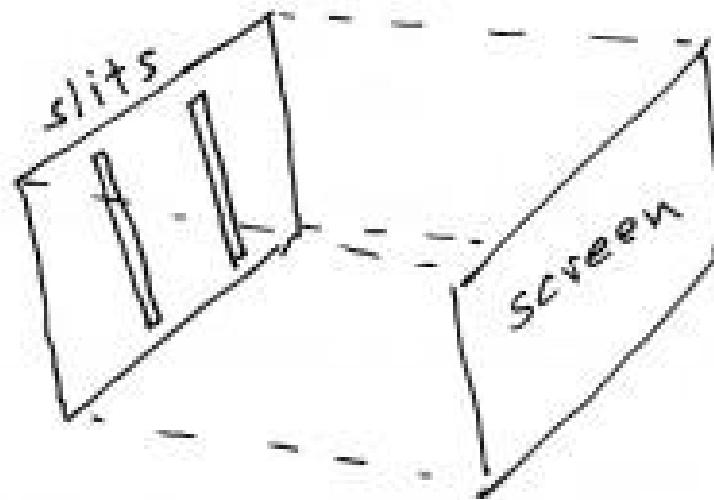
C

D

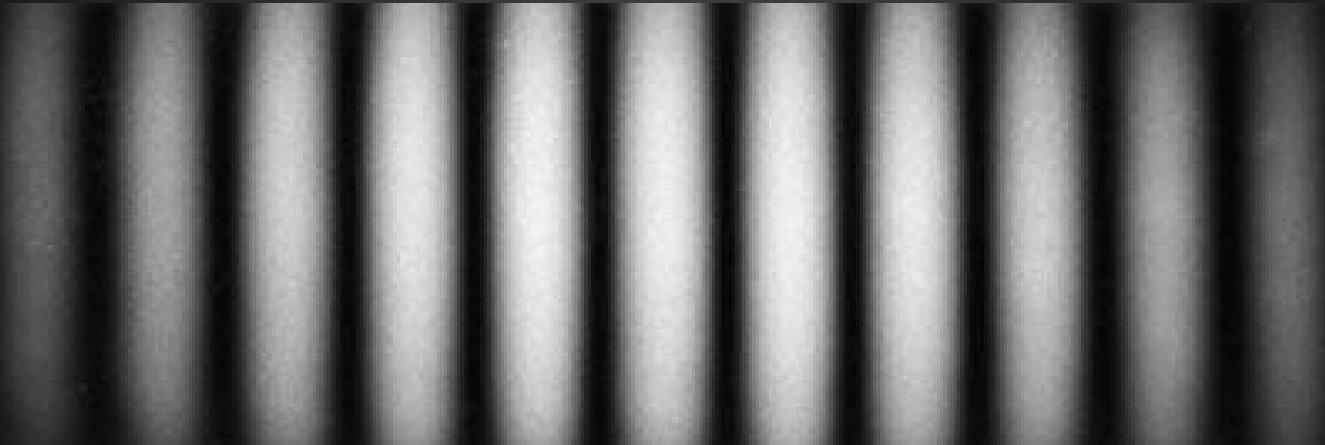
E

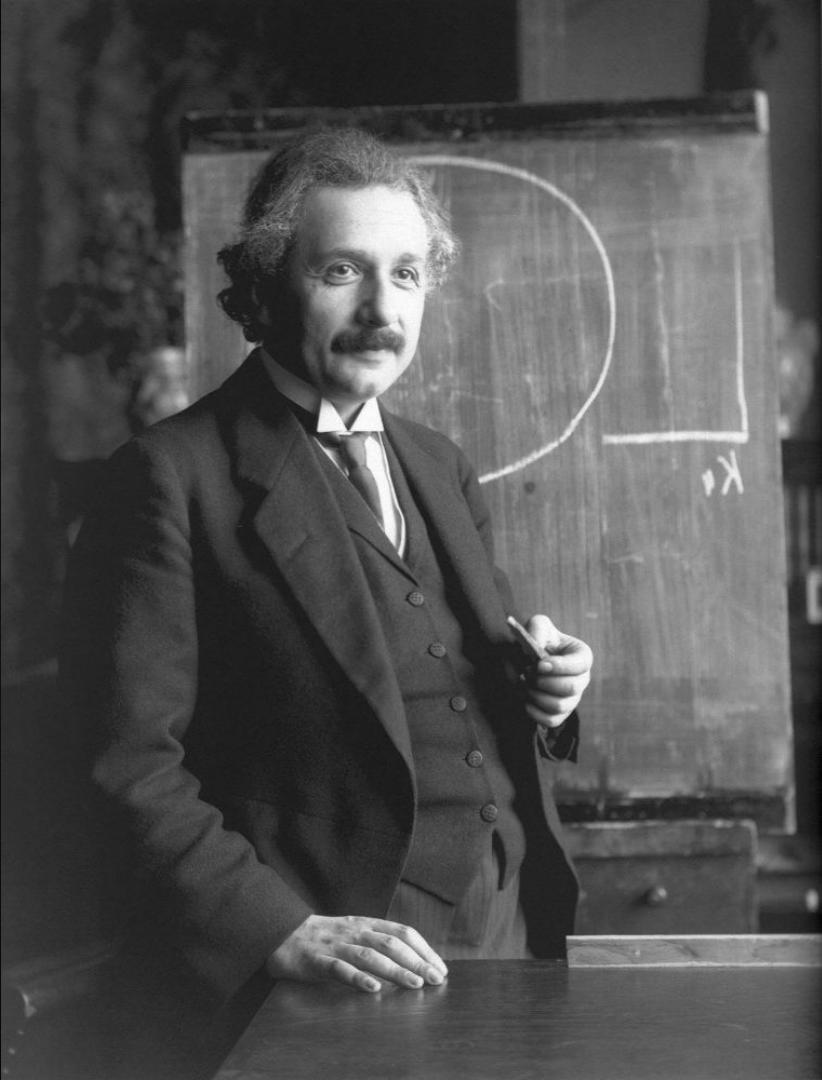
F

  
source



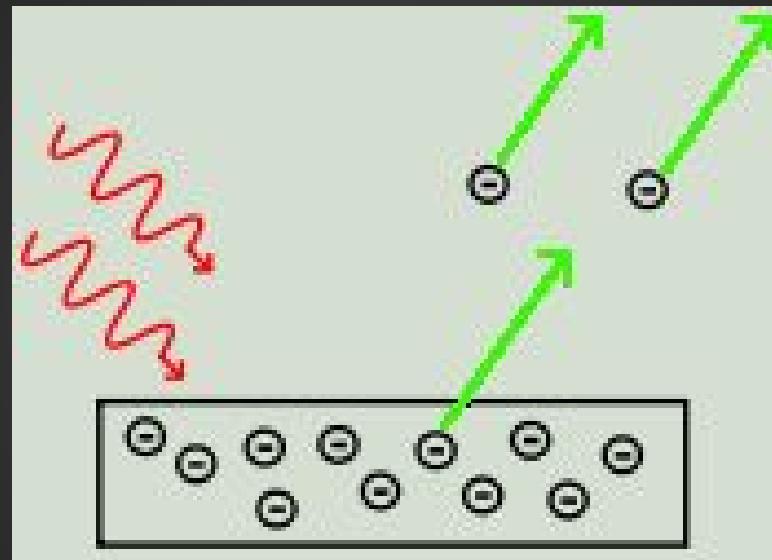
interference



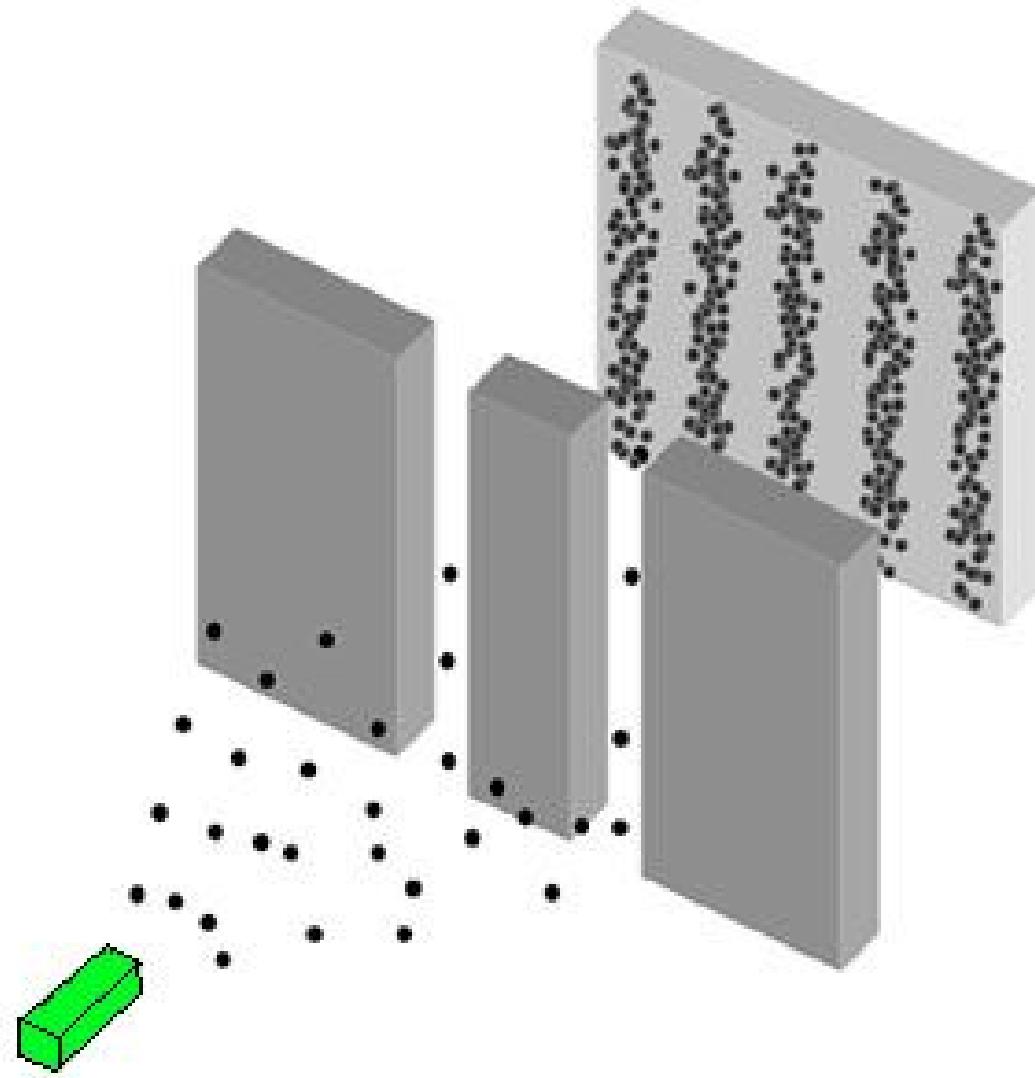


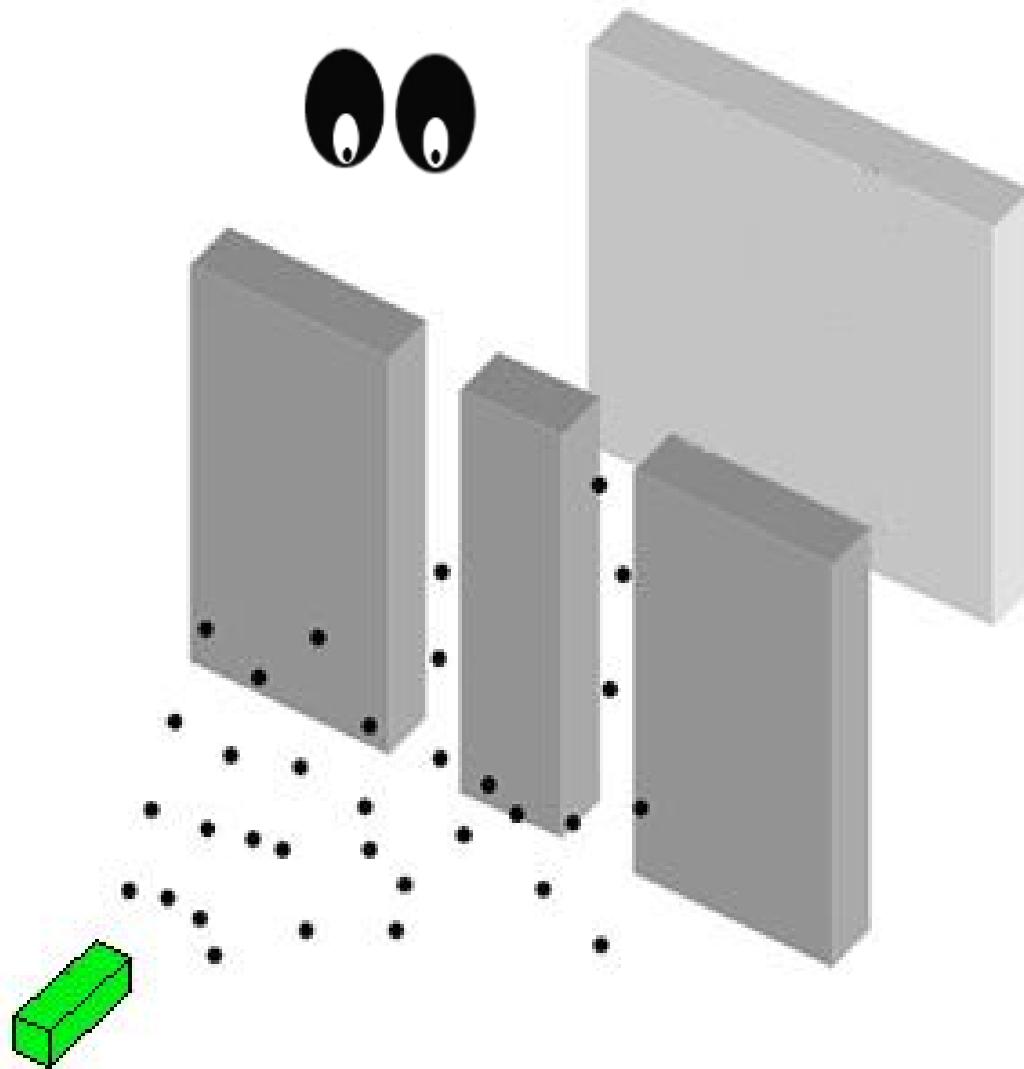
1905

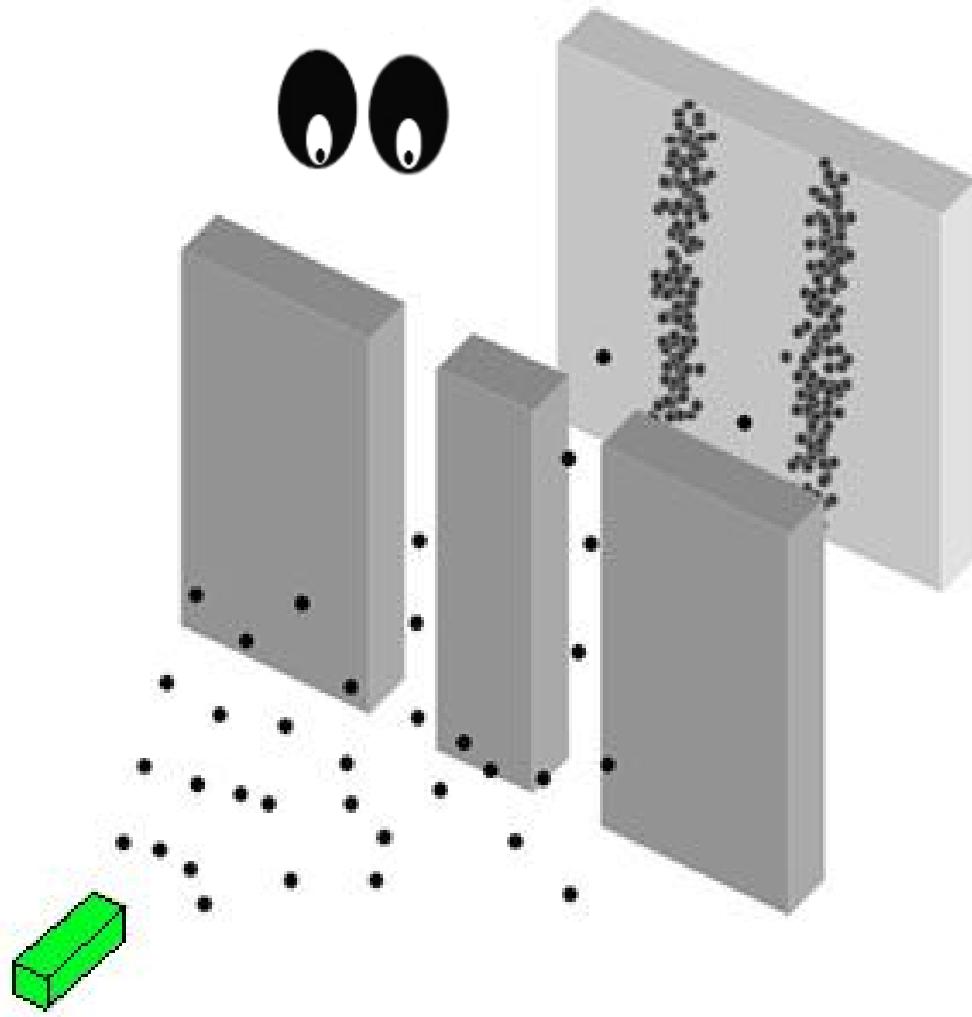


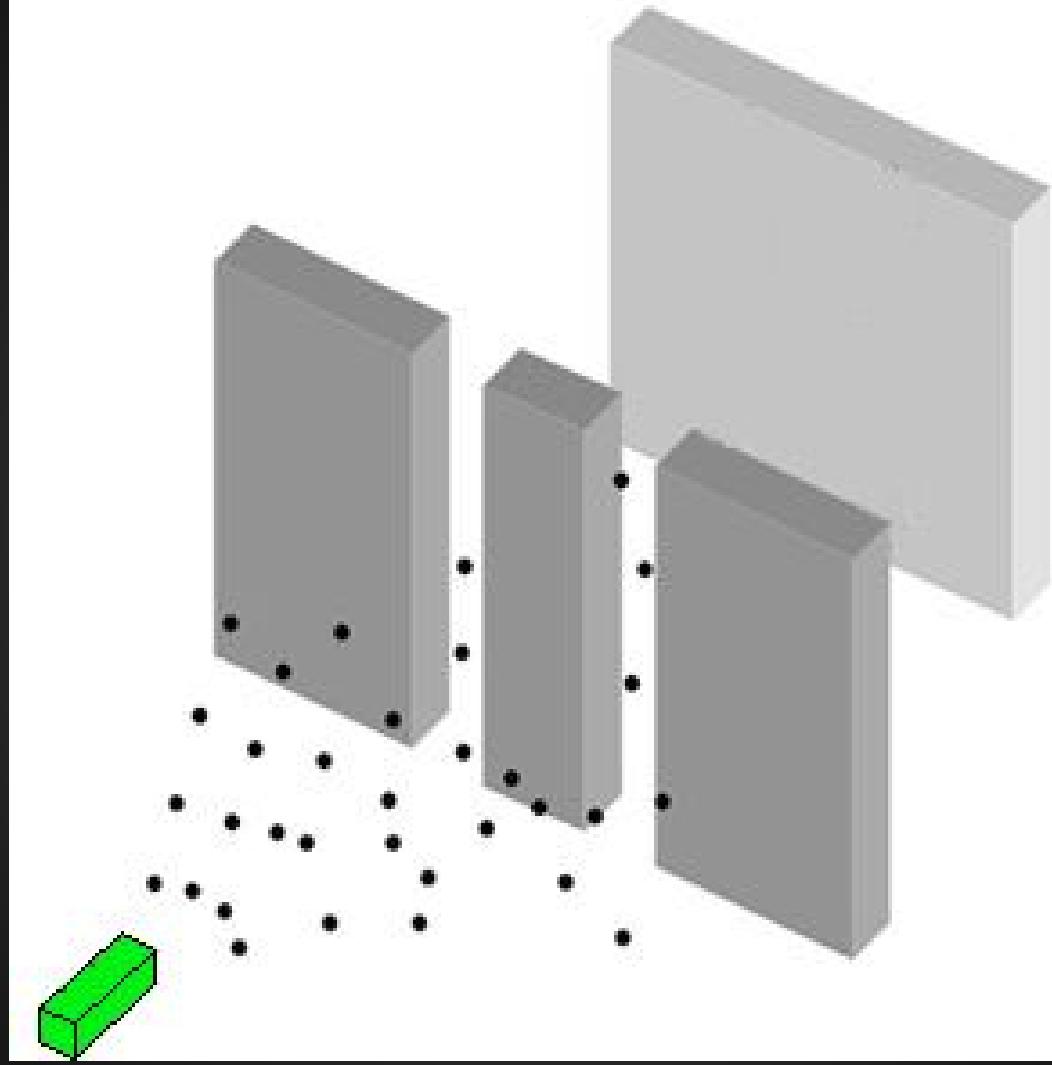


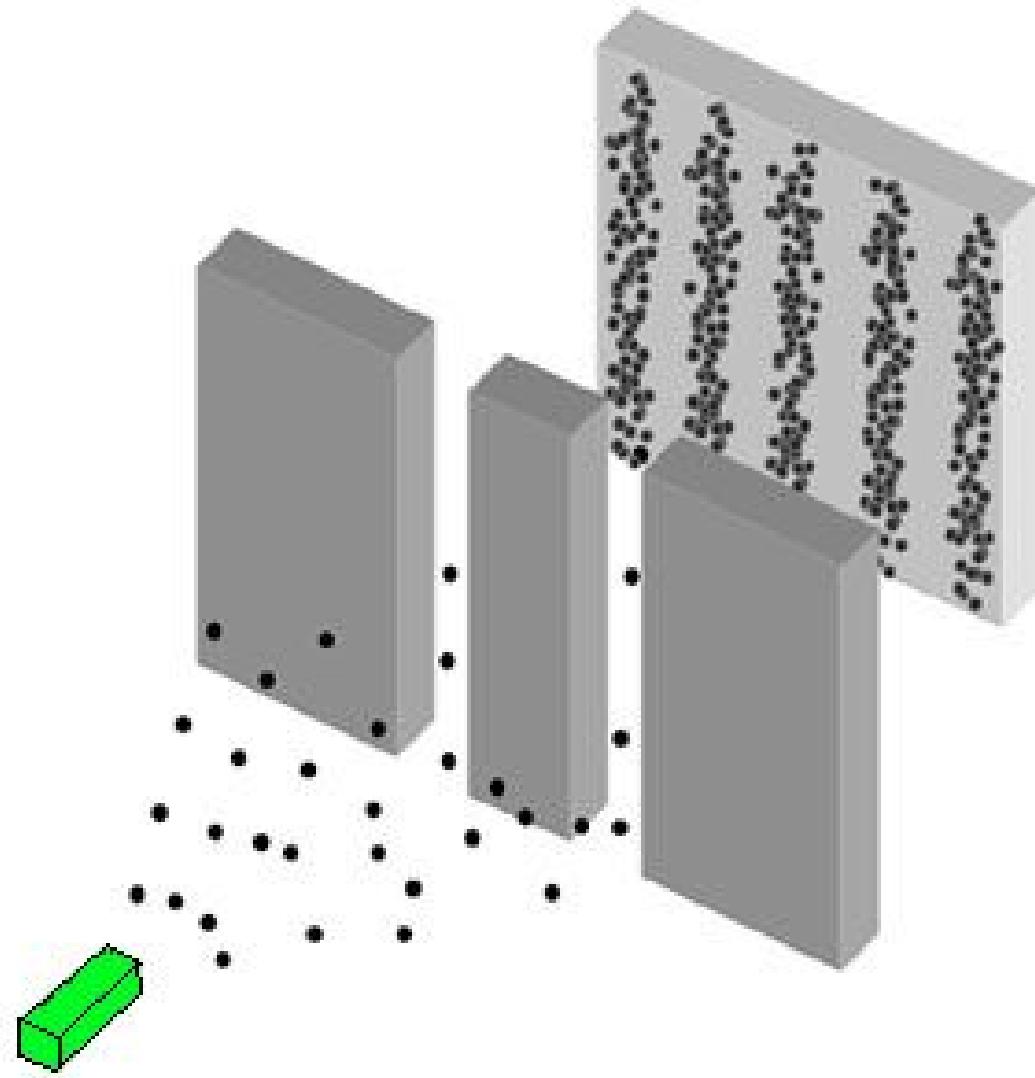


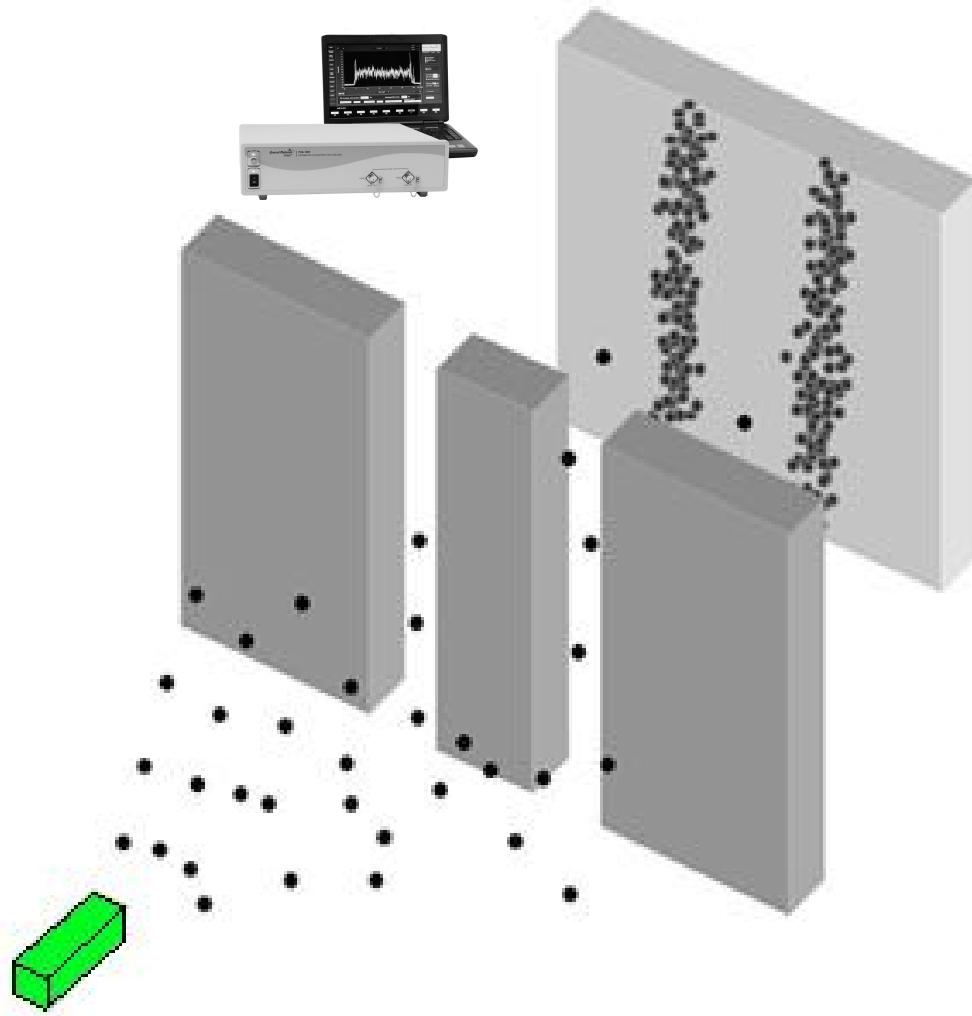


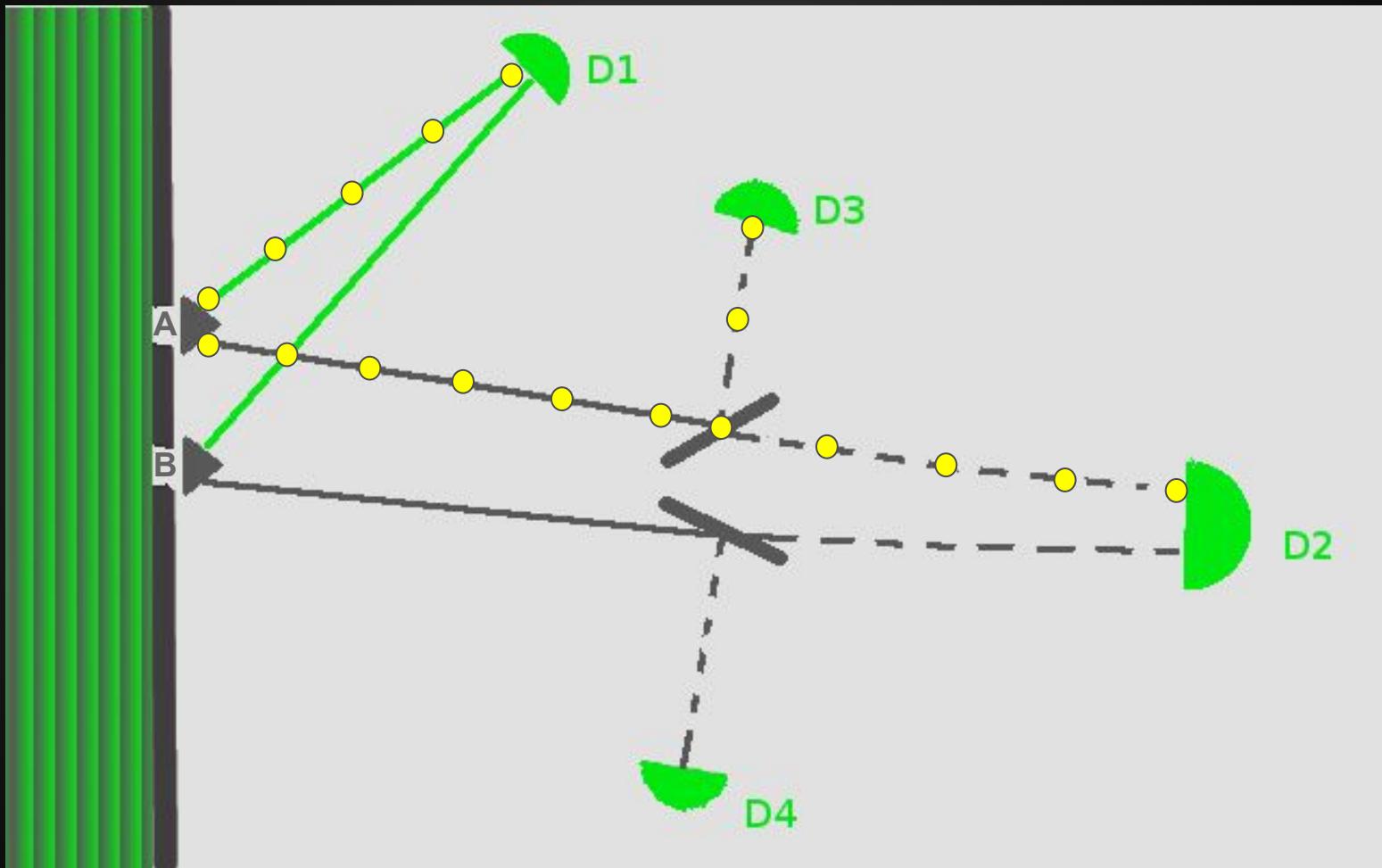


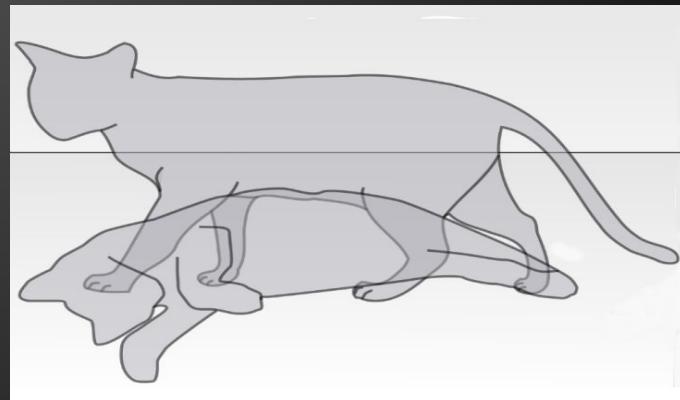
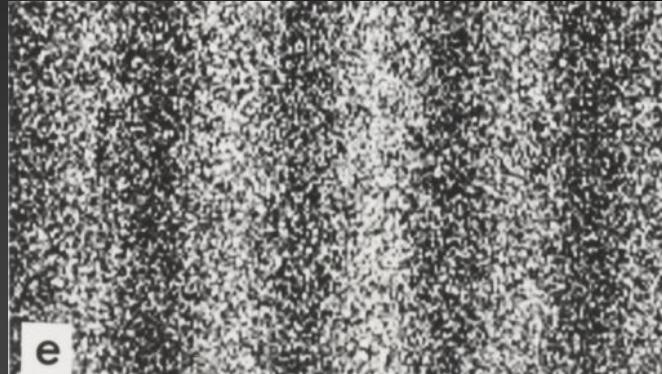
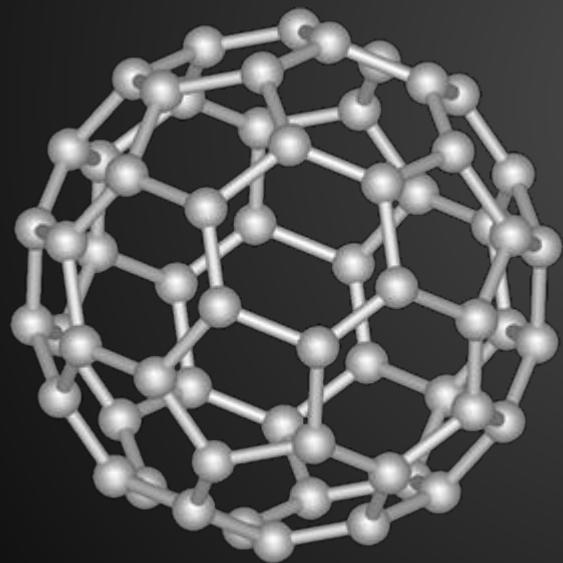
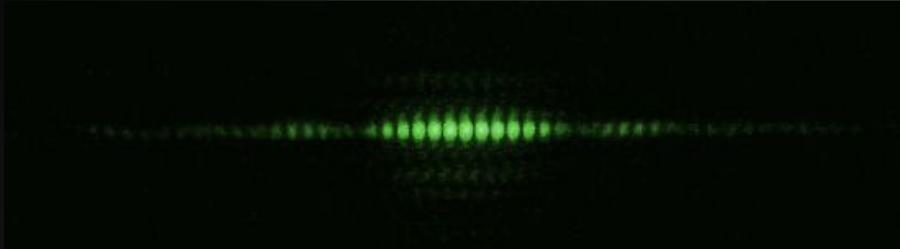














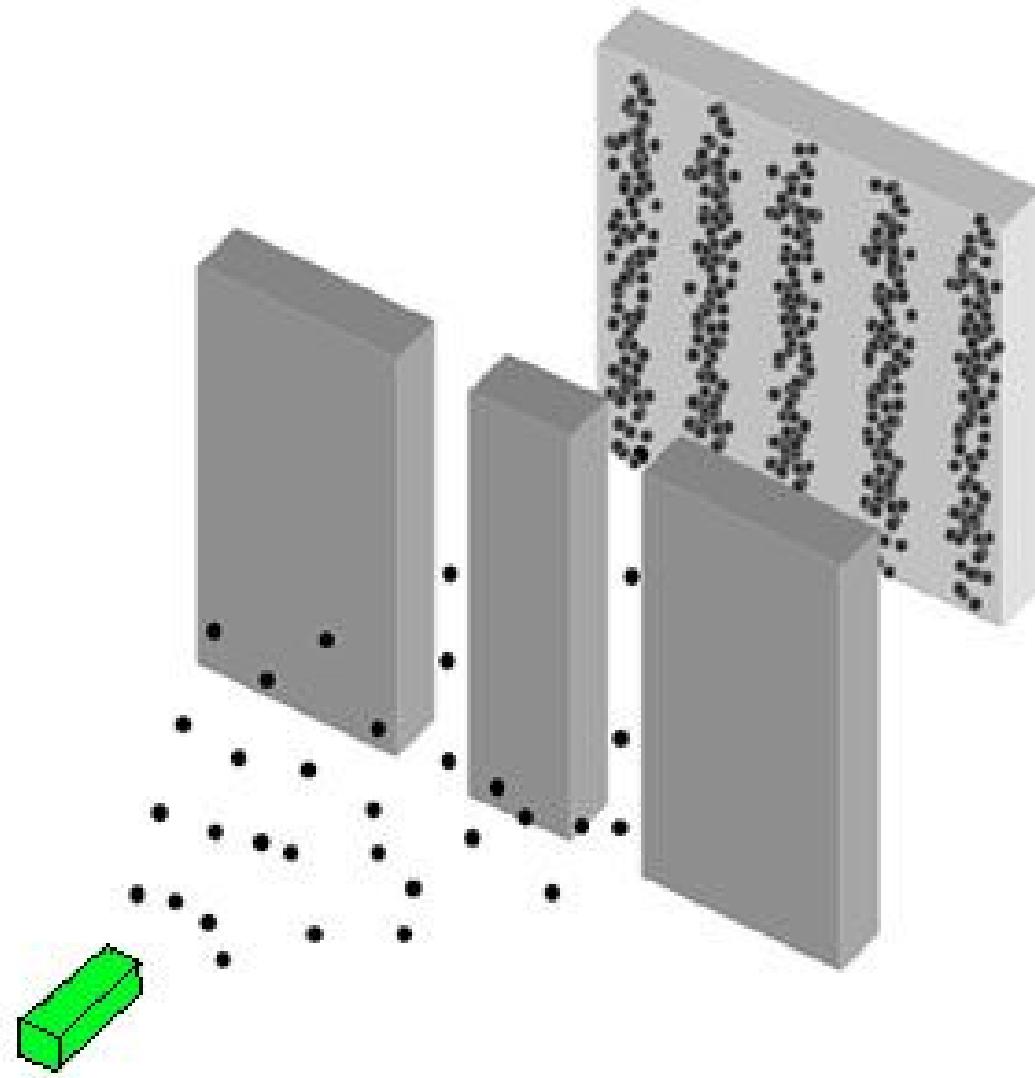
1956

## Relativistic State Interpretation

can be called the theory of the "universal wave function," since all of physics is presumed to follow from this function alone. There remains, however, the question of whether or not such a theory can be put into correspondence with our experience.

The present thesis is devoted to showing that this concept of a universal wave mechanics, together with the necessary correlation machinery for its interpretation, forms a logically self consistent description of a universe in which several observers are at work.

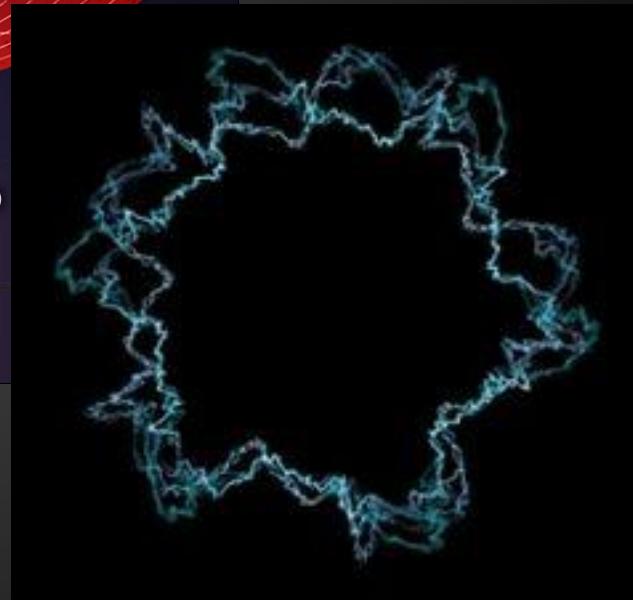
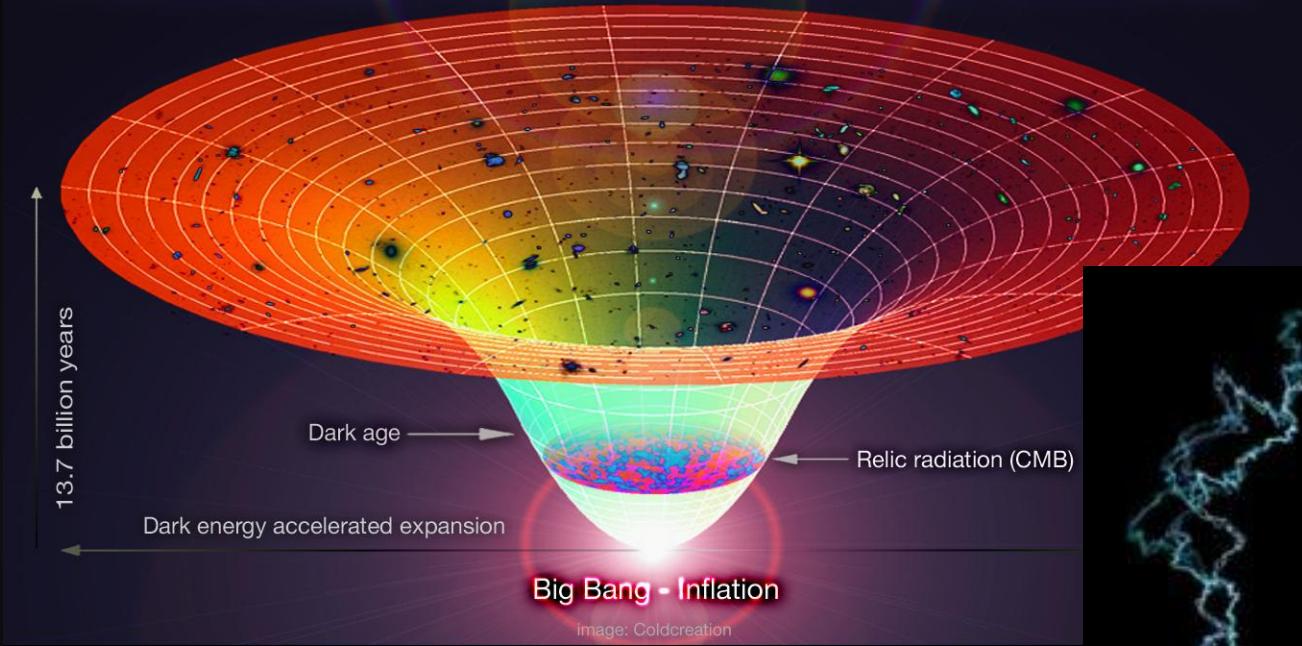
We shall be able to introduce into the theory systems which represent observers. Such systems can be conceived as automatically functioning machines (servomechanisms) possessing recording devices

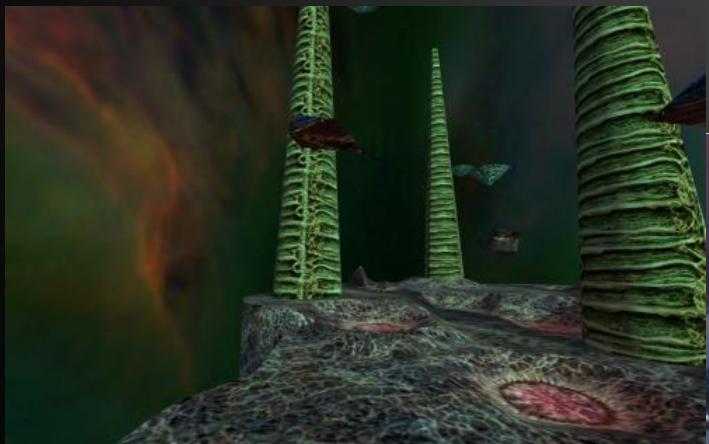




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VISION012.DAFTART.COM

# Accelerated Expansion of the Universe





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<http://bkirkby.github.io/>  
@therealpheirce

special thanks to:

patrick gradie  
dale anderson  
brian anderson

questions?

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