

Why Johnny Can't QM

Section 1.3

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The True Nature of Quantum Mechanics

Choose an answer to this question at random. What is the chance your answer will be correct?

- A) 25%
- B) 50%
- C) 75%
- D) 100%

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Did you choose your answer to the question at random?

Classical results emerge from quantum mechanical processes.

The Birds

California Scrub Jays

1. Suet in a Hanging Wire Cage
2. Peanuts in a row on the Railing
3. The evolution of greed, a case study.

Corvidae as a Family

- 1.
- 2.

Blindspots, Apophenia, and Pareidolia

Survival of the fittest.

Blind Spots

See **Blindspots**

Kyle Eschen

The art of cognitive blind spots.

Facts (Not Theories) Win the Argument?

If you can't explain it to a six year old, you don't understand it yourself.

– Said no one – ever (probably).

Experiments the foundation of science they are NOT !!!

Evolutionary development has not prepared us to understand how reality really works.

Axis Of Evil: Specifically, with respect to the ecliptic plane the “top half” of the CMB is slightly cooler than the “bottom half”; furthermore, the quadrupole and octupole axes are only a few degrees apart, and these axes are aligned with the top/bottom divide.

[Watch RotateDisc.mp4](#)

Theories not Facts are the Foundation of Science

Orbit of the Earth and moon and everything else.

The value of $G = 6.67408(31) \times 10^{-11} \frac{\text{m}^3}{\text{kg s}^2}$ in terms of significant figures it is the runt of the litter.

We See Patterns

Are the patterns real or are they perceived?

The seemingly random digits known as prime numbers are not nearly as scattershot as previously thought. A new analysis by Princeton University researchers has uncovered patterns in primes that are similar to those found in the positions of atoms inside certain crystal-like materials.

But do these connect in any (real) way?

After all . . . the Earth is spherical like because gravity not because it knows of π

Ascribing intentionality where none can exist.
motor cortex versus thought.
better NIH
Good American Scientist

Biological Evolution

Unlike cultural evolution

Populations NOT individuals evolve, and biological evolution is not a response to stress.

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This is not an esoteric point.

Examples flu versus flu vaccine.