

# Re: Virtual Particles and Light Duality principle

**Source:** <http://sci.tech-archive.net/Archive/sci.physics/2005-01/1090.html>

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Date: 2 Jan 2005 13:40:30 -0800

FrediFizzx wrote:

- > *The waves in quantum mechanics are not like newtonian waves. They are*
- > *probability waves. You need to take Franz's advice and read some good*
- > *textbooks about it if you are really that interested. Probably the easiest*
- > *textbook to understand with the full QM math is "Introduction to Quantum*
- > *Mechanics" by Griffiths. Even if you don't fully understand the math, read*
- > *it.*
- >
- > *FrediFizzx*

I know. All I'm saying is that we use probability waves because we don't know how electrons behave around the nucleus. I mean, when JJ Thomson discovered electrons were around the nucleus. Scientists couldn't imagine how they move and bond with other atoms, so they used the quantum probability cloud function model. But if particles are really some kind of standing wave, then the entire electron clouds are just standing waves of somekind. Disprove this by precise scientific arguments.

<http://www.blazelabs.com/f-p-swave.asp>

Emwi

Major in Psychology (I have sufficient logic and intellect to understand anything so don't let me wait for 7 years to analyze them)