

# Quantum physics

For many years I have been asking >"*what is a quantum*"?<, >"*what is quantized*"??< on any popular discussion forums. I never received answers..., well, sometimes the answers came that even Maruška from 5A would not accept.

Today I finally came across a YouTube video where I learn specifically how, when and why the word **"quantum"** appeared in physics. Unfortunately, even here I do not learn another answer to the question **"what is quantized"?**, **"how a quantum is created"**.

The video explains to me how an "element" = quantum = particle behaves, but not **"how a quantum is created and from what!"**. And... and it doesn't even explain "what a wave is made of"?, **"what is a wave"?**! And **"what is the wave..."?**

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<https://www.youtube.com/watch?v=y0-2hoqh5CA>

## **First video lesson:**

Author XY (**I don't know who the author is, it couldn't be found out, let's call him, for example [jirka@edisco.cz](mailto:jirka@edisco.cz)**) he says :

Let's explain here what it is actually about, the "quantum physics". And we will explain why it is actually called "quantum" (**well, finally exactly what I want to know**).

Summary from the author Jirka as he said it: ...that's why it's called that, because **Max Planck** **invented** it and **A.Einstein** **improved** it and **L.De Brogie** **generalized** it...**that's why!**! That's **why** physics is quantum. That's why physics is quantized. Not **nature**, but **physics**.

THEREFORE. Not because we already know **"what"** those quanta are made of. (**I figured out what they are made of.**) I will also add that: **J.Maxwell** was the first to come and **invent** = discovered that light is the "excitation" of the electro-magnetic field...; and I also that the field, that every field, is a "certain state of curvature of 3+3 dimensions of space-time", that each specific state of curvature then "floats" in another, otherwise curved state of space-time.)

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So, **YouTube** <https://www.youtube.com/watch?v=y0-2hoqh5CA> in short →

**Author says** : Planck did not emit light as a wave, but emitted it "in parts" : as small spits of energy, and called them quanta. He then called the quanta of light photons.

**\*\*This is where "quantum physics" was born...**, by declaring, and because Planck invented it for particle physics, that elementary particles must all behave as **>quanta<** (with God knows **>from what<** the quanta) and... and I - I brought it back 80 years later in 1981, changed it, "slightly" changed : **>quanta<** to "packages", "wave packets", "balls", packed = coiled from space-time dimensions → Such a small change. →

**=They: quanta** **invented** **"from Nothing"**, or as behavior into equations...

=Me: **packages** made by the Universe from space-time dimensions by warping (collapsing) dimensions.

How simple, Sherlock Holmes, and yet for 22 years this interpretation of a new view of the origin of matter has been hanging on the Internet, the target of ridicule, attacks and hatred. <http://www.hypothesis-of-universe.com/> Why? ... , without counter-evidence and without sinking HDV with strong scientific counter-arguments.

Then came Einstein: **What if** the light was really like the emission of quanta? **And because he knew mathematics and had decent wise scientists around him, his idea was studied, researched and thousands of other scientists took it up. I was stoned.**

**Autor :** And so it was invented that: Light should behave both as a wave and as a particle. Then came L. De Broglie, he went even further than Einstein and said that **all particles should behave as waves and as quanta.** **And since then we have quantum theory.**

I think so. Matter is an artefact that is constructed = made = built from the dimensions of space-time and that is in the style of "curving" dimensions, i.e. "packaging" those dimensions. And thus the curved packed dimensions "float" in the less curved environment of 3+3 D space-time..., ""float"" so that they "overflow" chaotically, zig-zag "left, right, up, down. In in the microworld of dimensional foam, if "packages" made of dimensions float, then they can manifest as a wave or as a corpuscle. QM can solve this "chaos" of manifestation.

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**Druhý díl :**

<https://www.youtube.com/watch?v=bz5EvlrmfhM>

**Author summary.** Schroedinger: Every particle can be described by a wave function. The wave function is basically some **number** that tells us **all** the important information **So a dimensionless number can tell the mass of a particle?** yes about a particle and a wave. But where is the wave?, which we can calculate, for example, for an electron? The best explanation will be the so-called probability wave.

The vibration of elementary particles (even more complex compositions of matter) in a given environment is a "higher" vibration than the "vibration" of the 3+3D environment, e.g. it is a physical field. And that field has a "higher" vibration than the one in which it "floats", that is, in the "basic grid" (grid, yarn) of the least crooked dimensions. Your "probability wave" is in line with what I say about the "vibration" of space-time itself, in which "packages" of elementary particles float; they are essentially both waves and corpuscles. Everything, i.e. even the field and the packages floating in it, are "made of one dough".

Again, a constant question: Quantum is what, who?, what is "quantum"? That is ... that the idea of Planck and Einstein that balls and waves fly out of a black body and they are quanta, because this is how Planck made them into equations?

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

JN, 14.09.2022

