



quantum construct science



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## What Is Quantum Physics?

Quantum physics is the study of matter and energy at the most fundamental level. It aims to uncover the properties and behaviors of the very building blocks ...

### People also ask ⋮

What is the quantum theory in science?



Why is 2025 the year of quantum?



Is quantum science real?



What are the 17 quantum fields?



Feedback



Wikipedia

[https://en.wikipedia.org/wiki/Quantum\\_field\\_theory](https://en.wikipedia.org/wiki/Quantum_field_theory) ⋮

## Quantum field theory

Quantum field theory (QFT) is a theoretical framework that combines field theory and the principle of relativity with ideas behind quantum mechanics.



Polytechnique Insights

<https://www.polytechnique-insights.com> › ... › Chroniques ⋮

## Quantum physics has already changed the world

Sep 20, 2023 — Quantum physics makes it possible to explain the behaviour and interactions between particles, as well as the forces that drive them.



Argonne National Laboratory (.gov)

<https://www.anl.gov/science-101/quantum> ⋮

## Science 101: Quantum Mechanics

The field of quantum mechanics deals with the most fundamental bits of matter, energy and light and the ways they interact with each other to make up the world.



Science | AAAS

<https://www.science.org/doi/science.262.5131.195> ⋮

## Quantum Constructions

by M Reed · 1993 · Cited by 11 — The Quantum Theory. J. C. McLennan, **Science**, 1923 · Recent Developments in Quantum Mechanics. Edward U. Condon, **Science**, 1928 · Fifty Years of Quantum...



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## Quantum Science and Technology

Learn about the basic concepts underlying the field of quantum science, including superposition, entanglement, and the uncertainty principle.



Popular Mechanics

<https://www.popularmechanics.com/science/false-va...> ⋮

## Scientists Simulated a Quantum Apocalypse. Then the ...

Feb 12, 2025 — To answer this question, they turned to a 5564-bit quantum computer constructed by D-Wave Quantum Inc. (headquartered in both the U.S. and ...



University of Alberta

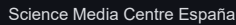
<https://www.ualberta.ca/newtrail/how-to/whats-up-...> ⋮

## What's Up With Quantum Science? | New Trail

Feb 26, 2024 — Fundamental quantum research could lead us to a whole new scientific reality — one with answers to the biggest problems of today and tomorrow.

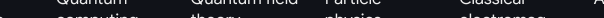
<https://www.azoquantum.com> › Article ⋮

Oct 4, 2024 — **Quantum science** is a rapidly evolving field that includes quantum mechanics, quantum field theory, and quantum information.



<https://sciencemediacentre.es> › 2025-international-year-q...

Dec 26, 2024 — UNESCO has proclaimed 2025 as the International Year of **Quantum Science and Technology** to raise public awareness of its importance.



Topic	Count
Quantum mechanics	1
Quantum computing	1
Quantum field theory	1
Particle physics	1
Classical electromag...	1
Astrophysics	1

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