

Opinions Libres
le blog d'Olivier Ezratty

Understanding Quantum Technologies 2026 on Amazon

I published the online PDF version of the "2026" 9th edition of the book **Understanding Quantum Technologies** on September 28th, 2026 (1,824 pages). I continued to update it on a nearly daily basis. Then, I publish it **on arXiv** late October 2026.

It is now available on Amazon for the readers who would like to get hands on a nice printed copy. This new paperback edition is available throughout the world, and as usual, in five parts. It's labelled edition 9.3 with some additions like a couple new quantum computing startups from China and some new scientific references, updates on IBM and others. The book is also like a collection of about 72 review papers! This is the most "full-stack" book you could dream of on quantum science and technologies. And if you like big numbers, 1,326 illustrations, about 1,000 companies inventoried and 11,928 bibliographic entries.

Part 1 "**Prologue**" (452 pages, 35€) covers the history of quantum physics, a quantum physics primer, the basics of quantum computing and quantum computing engineering (including quantum computing systems engineering, quantum error correction and fault-tolerance, the energetics of quantum computing, and economics).

Part 2 "**Computing hardware**" (536 pages, 47€) contains a description of all qubit types with their science, engineering and vendors offerings and roadmap, then quantum enabling technologies (cryogenics, electronics, photonics, fabs, materials, something you will find nowhere else) and unconventional computing.

Part 3 "**Computing software**" (422 pages, 38€) covers quantum algorithms with more details, software development tools, use cases and case studies across about 20 different markets. It contains clear signs to differentiate NISQ from FTQC use cases.

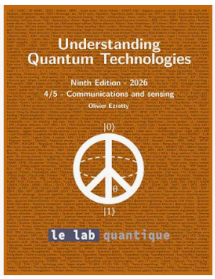
Part 4 "**Communications and sensing**" (216 pages, 24€) covers quantum communications, quantum cryptography, post-quantum cryptography and quantum sensing. And updates on the threat on classical cybersecurity.

Part 5 "**Ecosystem**" (256 pages, 29€) describes quantum ecosystems throughout the world from the entrepreneurial to the country scene, corporate adoption, quantum technologies and society, and quantum pseudosciences, plus a 911 term glossary. It adds a making of for the book and how I used AI in this edition.

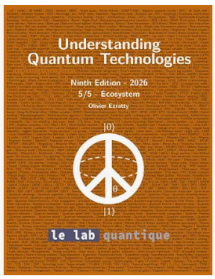
You can order these parts on all Amazon sites with looking for "Understanding Quantum Technologies 2026" in your preferred marketplace (.com, UK, France, Germany, Italy, Spain, …). In total, if you order the five parts, you're in for 173€ and about the same in US dollars depending on your country's VAT.

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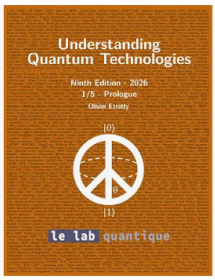
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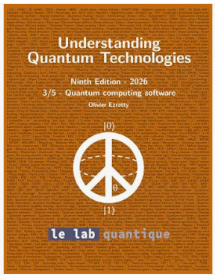
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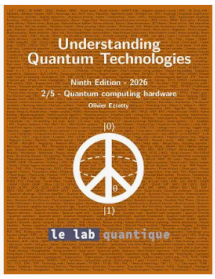
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As a reminder, the online version of the book is always free and available in PDF format, on both Letter and A4 page sizes, with either the whole 1,824 pages book, or with separate lighter PDF files for each of the 5 parts.

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