



Quantum Information, Computation and Cryptography

By Fabio Benatti

Springer-Verlag GmbH Sep 2010, 2010. Taschenbuch. Book Condition: Neu. 23.5x15.5x cm. Neuware - This multi-authored textbook addresses graduate students with a background in physics, mathematics or computer science. No research experience is necessary. Consequently, rather than comprehensively reviewing the vast body of knowledge and literature gathered in the past twenty years, this book concentrates on a number of carefully selected aspects of quantum information theory and technology. Given the highly interdisciplinary nature of the subject, the multi-authored approach brings together different points of view from various renowned experts, providing a coherent picture of the subject matter. The book consists of ten chapters and includes examples, problems, and exercises. The first five present the mathematical tools required for a full comprehension of various aspects of quantum mechanics, classical information, and coding theory. Chapter 6 deals with the manipulation and transmission of information in the quantum realm. Chapters 7 and 8 discuss experimental implementations of quantum information ideas using photons and atoms. Finally, chapters 9 and 10 address ground-breaking applications in cryptography and computation. 350 pp. Englisch.



READ ONLINE
[2.96 MB]

Reviews

This is the best pdf i actually have read till now. It typically fails to charge too much. Your life period will probably be transform the instant you total reading this publication.

-- **Dr. Don Morissette V**

This publication will not be simple to get started on looking at but quite entertaining to learn. It generally fails to cost an excessive amount of. You will not feel monotony at anytime of your time (that's what catalogues are for about if you ask me).

-- **Bettie Gutmann**