



The Feynman Processor: Quantum Entanglement and the Computing Revolution

By Gerard J. Milburn

Basic Books (AZ). Paperback. Book Condition: New. Paperback. 240 pages. Dimensions: 8.3in. x 5.4in. x 0.7in. Quantum computing, the reduction of computing elements to sizes far smaller than that of present-day chips, down to the size of individual atoms, presents new problems, problems on the quantum level. But thanks to new discoveries by Gerard Milburn and other cutting-edge scientists, quantum computing is about to become a reality. In this book, the first one for the general public to explain the scientific ideas behind concepts seen before only in science fiction, physicist Milburn brings us the exciting world of phenomena of entanglement, where particles can be in two places at the same time, where matter on the quantum level can be teleported la Star Treks famous Transporter; and where cryptographers can construct fundamentally unbreakable computer codes. Although other books and magazine articles have dealt with some of the subjects in this book, this is the first book for the layman to deal specifically with quantum computing, an area pioneered by the great physicist Richard Feynman, who first posed the challenge to scientists to devise the smallest, fastest computer elements, to take us to the absolute physical limits of computers. This book promises...



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