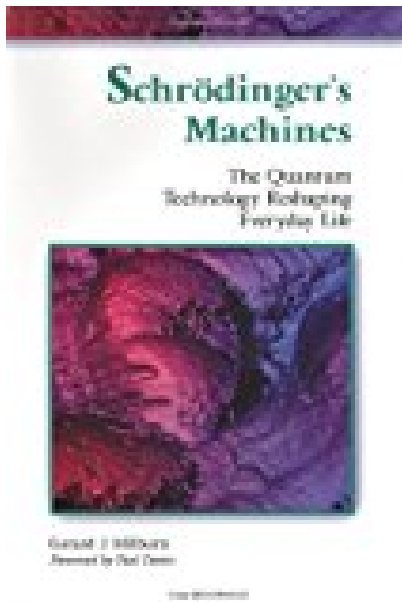


Schrodingers Machines The Quantum Technology Reshaping Everyday Life



BOOK DETAILS

- Author : Gerard J. Milburn
- Pages : 208 Pages
- Publisher : W. H. Freeman
- Language : English
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BOOK SYNOPSIS

In his foreword to *Schrödinger's Machines*, Paul Davies writes, "The nineteenth century was known as the machine age, the twentieth century will go down in history as the information age. I believe the twenty-first century will be the quantum age." Perhaps the most successful scientific theory in history, quantum mechanics has already ushered in the information age with inventions like the transistor and the laser. In *Schrödinger's Machines*, renowned quantum physicist Gerard Milburn explores how our ever-increasing ability to manipulate atomic and subatomic processes is turning purely hypothetical situations and concepts (of a truly weird nature) into concrete, practical devices-- resulting in a complete transformation of our world view. Imagine the creation of machines the size of molecules, detectors sensitive enough to pick up the sound of a pin dropping on the other side of the earth, the fabrication of new and exotic materials, and extraordinarily powerful computers that can process information in many alternative realities simultaneously, creating a whole new type of mathematics. This isn't science fiction, but just some of the breathtaking possibilities offered by quantum technology over the next fifty years. Leaving the common sense of Newtonian machines far behind, *Schrödinger's Machines* is an advance preview of the strange new world ahead. Clearly presented, and with an acute awareness of recent advances in the field, its indispensable reading for anyone interested in the future.

SCHRODINGERS MACHINES THE QUANTUM TECHNOLOGY RESHAPING

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