



Quantum Engineering: Theory and Design of Quantum Coherent Structures

By A. M. Zagoskin

Cambridge University Press. Hardback. Book Condition: new. BRAND NEW, Quantum Engineering: Theory and Design of Quantum Coherent Structures, A. M. Zagoskin, Quantum engineering - the design and fabrication of quantum coherent structures - has emerged as a field in physics with important potential applications. This book provides a self-contained presentation of the theoretical methods and experimental results in quantum engineering. The book covers topics such as the quantum theory of electric circuits, theoretical methods of quantum optics in application to solid state circuits, the quantum theory of noise, decoherence and measurements, Landauer formalism for quantum transport, the physics of weak superconductivity and the physics of two-dimensional electron gas in semiconductor heterostructures. The theory is complemented by up-to-date experimental data to help put it into context. Aimed at graduate students in physics, the book will enable readers to start their own research and apply the theoretical methods and results to their current experimental situation.



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Reviews

Very beneficial to any or all class of individuals. It is rally interesting throgh looking at time. You will not feel monotony at at any time of your time (that's what catalogs are for concerning in the event you question me).

-- **Dr. Dallas Reinger IV**

Completely among the finest book I have actually read through. It is probably the most remarkable book we have study. I discovered this book from my dad and i suggested this book to learn.

-- **Georgiana Pacocha**