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Soggetti	Computational intelligence Quantum computers Mechanics, Applied Computational Intelligence Quantum Computing Engineering Mechanics
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Nota di contenuto	Surfacing a W(L) Approach to Quantum Computation -- The Origins of a Fourfold Pattern -- Mapping the Fourfold Pattern to Quantum Space -- The Mathematics of Qualified Determinism -- Uncertainty Principle & Loss of Information -- Schrodinger's Equation & Evolution of Quantum Systems -- Reimagining Euler's Endless Wave -- Simulation of a Hypothetical Simple Atom -- Quantum Certainty -- Quaternary Interpretation of Quantum Dynamics (QIQD).
Sommario/riassunto	In this book, the author challenges conventional probabilistic interpretations of quantum mechanics by introducing a framework of "qualified determinism" that reexamines the underlying principles of quantum theory. Central to this vision is the Quaternary Interpretation of Quantum Dynamics (QIQD), which employs a quaternary fractal pattern to offer a fresh perspective on the quantum realm and its role in advanced computational processes. Spanning 24 chapters across six parts, the text bridges foundational theory with forward-looking applications, envisioning transformative breakthroughs in quantum-based energy detection systems, room-temperature superconductors, QIQD-inspired nano-devices, and beyond. By uniting rigorous conceptual exploration with a bold technological outlook, this book

significantly broadens the horizons of quantum science and paves the way for a new era of quantum innovation.

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