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Nota di contenuto	Frontmatter -- Preface -- Contents -- 1. Introduction -- 2. The Fundamental Theory of Neural Network Blind Equalization Algorithm -- 3. Research of Blind Equalization Algorithms Based on FFNN -- 4. Research of Blind Equalization Algorithms Based on the FBNN -- 5. Research of Blind Equalization Algorithms Based on FNN -- 6. Blind Equalization Algorithm Based on Evolutionary Neural Network -- 7. Blind equalization Algorithm Based on Wavelet Neural Network -- 8. Application of Neural Network Blind Equalization Algorithm in Medical Image Processing -- Appendix A: Derivation of the Hidden Layer Weight Iterative Formula in the Blind Equalization Algorithm Based on the Complex Three-Layer FFNN -- Appendix B: Iterative Formulas Derivation of Complex Blind Equalization Algorithm Based on BRNN -- Appendix C: Types of Fuzzy Membership Function -- Appendix D: Iterative Formula Derivation of Blind Equalization Algorithm Based on DRFNN -- References -- Index
Sommario/riassunto	The book begins with an introduction of blind equalization theory and its application in neural networks, then discusses the algorithms in recurrent networks, fuzzy networks and other frequently-studied neural networks. Each algorithm is accompanied by derivation, modeling and simulation, making the book an essential reference for electrical engineers, computer intelligence researchers and neural

scientists.