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		4.3 Circular Shift of a Time Sequence 4.4 Circular Shift of a Spectrum; 4.5 Time-Reversal Property; 4.6 Symmetry Properties; 4.7 Transform of Complex Conjugates; 4.8 Circular Convolution and Correlation; 4.9 Sum and Difference of Sequences; 4.10 Padding the Data with Zeros; 4.11 Parseval's Theorem; 4.12 Summary; Chapter 5 Fundamentals of the PM DFT Algorithms; 5.1 Vector Format of the DFT; 5.2 Direct Computation of the DFT with Vectors; 5.3 Vector Format of the IDFT; 5.4 The Computation of the IDFT; 5.5 Fundamentals of the PM DIT DFT Algorithms; 5.6 Fundamentals of the PM DIF DFT Algorithms
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Sommario/riassunto	This authoritative book provides comprehensive coverage of practical Fourier analysis. It develops the concepts right from the basics and gradually guides the reader to the advanced topics. It presents the latest and practically efficient DFT algorithms, as well as the computation of discrete cosine and Walsh-Hadamard transforms. The large number of visual aids such as figures, flow graphs and flow charts makes the mathematical topic easy to understand. In addition, the numerous examples and the set of C-language programs (a supplement to the book) help greatly in understanding the theory and