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Nota di contenuto	<p>HYPERSPECTRAL DATA EXPLOITATION; CONTENTS; PREFACE; CONTRIBUTORS; 1. OVERVIEW; I TUTORIALS; 2. HYPERSPECTRAL IMAGING SYSTEMS; 3. INFORMATION-PROCESSED MATCHED FILTERS FOR HYPERSPECTRAL TARGET DETECTION AND CLASSIFICATION; II THEORY; 4. AN OPTICAL REAL-TIME ADAPTIVE SPECTRAL IDENTIFICATION SYSTEM (ORASIS); 5. STOCHASTIC MIXTURE MODELING; 6. UNMIXING HYPERSPECTRAL DATA: INDEPENDENT AND DEPENDENT COMPONENT ANALYSIS; 7. MAXIMUM VOLUME TRANSFORM FOR ENDMEMBER SPECTRA DETERMINATION; 8. HYPERSPECTRAL DATA REPRESENTATION; 9. OPTIMAL BAND SELECTION AND UTILITY EVALUATION FOR SPECTRAL SYSTEMS 10. FEATURE REDUCTION FOR CLASSIFICATION PURPOSE 11. SEMISUPERVISED SUPPORT VECTOR MACHINES FOR CLASSIFICATION OF HYPERSPECTRAL REMOTE SENSING IMAGES; III APPLICATIONS; 12. DECISION FUSION FOR HYPERSPECTRAL CLASSIFICATION; 13. MORPHOLOGICAL HYPERSPECTRAL IMAGE CLASSIFICATION: A PARALLEL PROCESSING PERSPECTIVE; 14. THREE-DIMENSIONAL WAVELET-BASED</p>

COMPRESSION OF HYPERSPECTRAL IMAGERY; INDEX

Sommario/riassunto

Authored by a panel of experts in the field, this book focuses on hyperspectral image analysis, systems, and applications. With discussion of application-based projects and case studies, this professional reference will bring you up-to-date on this pervasive technology, whether you are working in the military and defense fields, or in remote sensing technology, geoscience, or agriculture.