1. Record Nr. UNIBAS000040146

Autore	Flower, Harret I.
Titolo	Ancestor masks and aristocratic power in Roman culture / Harriet I. Flower
Pubbl/distr/stampa	Oxford : Clarendon Press, 1996
ISBN	0-19-924024-8
Descrizione fisica	XIV, 411 p. : ill. ; 22 cm.
Disciplina	393.0937
Soggetti	Riti funebri - Roma antica Maschere - Roma antica Aristocrazia - Roma antica
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliogr.: P. 362-392 e un indice delle persone e delle fonti

2. Record Nr. UNISALENTO991002151379707536

Autore	Colombo, Gian Mario
Titolo	Le organizzazioni di volontariato : aspetti civilistici e fiscali / Gian Mario Colombo
Pubbl/distr/stampa	Milano : A. Giuffrè, [1993]
ISBN	8814045097
Descrizione fisica	xviii, 209 p. ; 23 cm.
Classificazione	PR-III/A
Disciplina	344.4503137
Soggetti	Servizio sociale volontario - Legislazione
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Segue: Appendice normativa. In testa al front.: Centro studi ragionieri

3. Record Nr. UNINA9910143683103321

Autore	Mott Harold
Titolo	Remote sensing with polarimetric radar / / Harold Mott
Pubbl/distr/stampa	[Los Alamitos, CA], : IEEE Press Hoboken, N.J., : Wiley-Interscience, 2007
ISBN	9786610821877 9781280821875 1280821876 9780470079812 0470079819 9780470079805 0470079800
Descrizione fisica	1 online resource (327 p.)
Disciplina	621.36/78
Soggetti	Radar Remote sensing Radio waves - Polarization Polarimetric remote sensing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	PREFACE. -- ACKNOWLEDGMENTS. -- 1. ELECTROMAGNETIC WAVES. -- 1.1. The Time-Invariant Maxwell Equations. -- 1.2. The Electromagnetic Traveling Wave. -- 1.3. Power Density. -- 1.4. The Polarization Ellipse. -- 1.5. Polarization Vector and Polarization Ratio. -- 1.6. Circular Wave Components. -- 1.7. Change of Polarization Basis. -- 1.8. Ellipse Characteristics in Terms of P and Q. -- 1.9. Coherency and Stokes Vectors. -- 1.10. The Poincare Sphere. -- References. -- Problems. -- 2. ANTENNAS. -- 2.1. Elements of the Antenna System. -- 2.2. The Vector Potentials. -- 2.3. Solutions for the Vector Potentials. -- 2.4. Far-Zone Fields. -- 2.5. Radiation Pattern. -- 2.6. Gain and Directivity. -- 2.7. The Receiving Antenna. -- 2.8. Transmission Between Antennas. -- 2.9. Antenna Arrays. -- 2.10. Effective Length of an Antenna. -- 2.11. Reception of Completely

Polarized Waves. -- 2.12. Gain, Effective Area, and Radiation Resistance. -- 2.13. Maximum Received Power. -- 2.14. Polarization Efficiency. -- 2.15. The Modified Friis Transmission Equation. -- 2.16. Alignment of Antennas. -- References. -- Problems. -- 3. COHERENTLY SCATTERING TARGETS. -- 3.1. Radar Targets. -- 3.2. The Jones Matrix. -- 3.3. The Sinclair Matrix. -- 3.4. Matrices With Relative Phase. -- 3.5. FSA-BSA Conventions. -- 3.6. Relationship Between Jones and Sinclair Matrices. -- 3.7. Scattering with Circular Wave Components. -- 3.8. Backscattering. -- 3.9. Polarization Ratio of the Scattered Wave. -- 3.10. Change of Polarization Basis: The Scattering Matrix. -- 3.11. Polarizations for Maximum and Minimum Power. -- 3.12. The Polarization Fork. -- 3.13. Nonaligned Coordinate Systems. -- 3.14. Determination of Scattering Parameters. -- References. -- Problems. -- 4. AN INTRODUCTION TO RADAR. -- 4.1. Pulse Radar. -- 4.2. CW Radar. -- 4.3. Directional Properties of Radar Measurements. -- 4.4. Resolution. -- 4.5. Imaging Radar. -- 4.6. The Traditional Radar Equation. -- 4.7. The Polarimetric Radar Equation. -- 4.8. A Polarimetric Radar.
4.9. Noise. -- References. -- Problems. -- 5. SYNTHETIC APERTURE RADAR. -- 5.1. Creating a Terrain Map. -- 5.2. Range Resolution. -- 5.3. Azimuth Resolution. -- 5.4. Geometric Factors. -- 5.5. Polarimetric SAR. -- 5.6. SAR Errors. -- 5.7. Height Measurement. -- 5.8. Polarimetric Interferometry. -- 5.9. Phase Unwrapping. -- References. -- Problems. -- 6. PARTIALLY POLARIZED WAVES. -- 6.1. Representation of the Fields. -- 6.2. Representation of Partially Polarized Waves. -- 6.3. Reception of Partially Polarized Waves. -- References. -- Problems. -- 7. SCATTERING BY DEPOLARIZING TARGETS. -- 7.1. Targets. -- 7.2. Averaging the Sinclair Matrix. -- 7.3. The Kronecker-Product Matrices. -- 7.4. Matrices for a Depolarizing Target: Coherent Measurement. -- 7.5. Incoherently Measured Target Matrices. -- 7.6. Matrix Properties and Relationships. -- 7.7. Modified Matrices. -- 7.8. Names. -- 7.9. Additional Target Information. -- 7.10. Target Covariance and Coherency Matrices. -- 7.11. A Scattering Matrix with Circular Components. -- 7.12. The Graves Power Density Matrix. -- 7.13. Measurement Considerations. -- 7.14. Degree of Polarization and Polarimetric Entropy. -- 7.15. Variance of Power. -- 7.16. Summary of Power Equations and Matrix Relationships. -- References. -- Problems. -- 8. OPTIMAL POLARIZATIONS FOR RADAR. -- 8.1. Antenna Selection Criteria. -- 8.2. Lagrange Multipliers. -- A. COHERENTLY SCATTERING TARGETS. -- 8.3. Maximum Power. -- 8.4. Power Contrast: Backscattering. -- B. DEPOLARIZING TARGETS. -- 8.5. Iterative Procedure for Maximizing Power Contrast. -- 8.6. The Backscattering Covariance Matrix. -- 8.7. The Bistatic Covariance Matrix. -- 8.8. Maximizing Power Contrast by Matrix Decomposition. -- 8.9. Optimization with the Graves Matrix. -- References. -- Problems. -- 9. CLASSIFICATION OF TARGETS. -- A. CLASSIFICATION CONCEPTS. -- 9.1. Representation and Classification of Targets. -- 9.2. Bayes Decision Rule. -- 9.3. The Neyman-Pearson Decision Rule. -- 9.4. Bayes Error Bounds.
9.5. Estimation of Parameters from Data. -- 9.6. Nonparametric Classification. -- B. CLASSIFICATION BY MATRIX DECOMPOSITION. -- 9.7. Coherent Decomposition. -- 9.8. Decomposition of Power-Type Matrices. -- C. REMOVAL OF UNPOLARIZED SCATTERING. -- 9.9. Decomposition of the D Matrix. -- 9.10. Polarized Clutter. -- 9.11. A Similar Decomposition. -- 9.12. Polarimetric Similarity Classification. -- References. -- Problems. -- APPENDIX A. FADING AND SPECKLE. -- Reference. -- APPENDIX B. PROBABILITY AND RANDOM PROCESSES. -- B.1. Probability. -- B.2. Random Variables. -- B.3. Random Vectors. --

B.4. Probability Density Functions in Remote Sensing. -- B.5. Random Processes. -- References. -- APPENDIX C. THE KENNAUGH MATRIX. -- APPENDIX D. BAYES ERROR BOUNDS. -- References. -- INDEX.

Sommario/riassunto

Discover the principles and techniques of remote sensing with polarimetric radar This book presents the principles central to understanding polarized wave transmission, scattering, and reception in communication systems and polarimetric and non-polarimetric radar. Readers gain new insight into the methods for remotely gathering data about the earth's surface and atmosphere with polarimetric synthetic-aperture radar and polarimetric interferometry, including the changes that take place with seasons, floods, earthquakes, and other natural phenomena. In particular, with the book's focus on polarimetric radars, readers discover how to exploit the many special features of these systems, which provide the maximum amount of information that can be obtained remotely with radar. Introductory-level coverage of electromagnetic wave propagation, antennas, radar and synthetic aperture radar, probability and random processes, and radar interferometry serves as a foundation for advancing to more complex material. A more advanced mathematical and technical treatment enables readers to fully grasp polarized wave transmission, propagation, and reception in communication systems and polarimetric-radar remote sensing. Readers will discover much new material in this text, including: . Distinguishing between coherently-measured and incoherently-measured target matrices for power, recognizing that the two matrix types are not equivalent in representing targets. Removing unpolarized components from the scattered wave and deriving a target matrix for classification from the resulting coherently-scattered wave. Selecting an antenna polarization to maximize the contrast between desired and undesired depolarizing targets Problems ranging in complexity from introductory to challenging are presented throughout the text. Engineers will find this an ideal reference to help them fully utilize the powerful capabilities of polarimetric radar. It will also help agronomists, geographers, meteorologists, and other scientists who use remotely obtained data about the earth to evaluate procedures and better interpret the data. The book can also be tailored to both undergraduate and graduate courses in remote sensing, and recommendations are given for text material suitable for such courses.