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Collana	Springer Series in Light Scattering, , 2509-2790
Disciplina	621.36
Soggetti	Lasers Photonics Environmental sciences Remote sensing Optics, Lasers, Photonics, Optical Devices Environmental Science and Engineering Remote Sensing/Photogrammetry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Application of single and multiple-scattering theories to analyses of space-borne cloud radar and lidar data -- Airborne remote sensing of Arctic clouds -- Snow albedo and radiative transfer: theory, modeling, and parameterization -- Spectral reflectance of soil -- Asymptotic methods in the theory of light scattering by nonspherical particles.
Sommario/riassunto	This book reviews the spaceborne and airborne remote sensing of clouds including cloud lidar and radar data analysis, snow and soil reflectance spectroscopy, and single light scattering by nonspherical scatterers. Providing deep insights into the latest technologies, it is a valuable resource for scientists and postgraduate students alike.