

1. Record Nr.	UNINA9910739449503321
Autore	Kokhanovsky Alexander
Titolo	Springer Series in Light Scattering : Volume 9: Electromagnetic Theory of Scattering and Radiative Transfer // edited by Alexander Kokhanovsky
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-29601-X
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (275 pages)
Collana	Springer Series in Light Scattering, , 2509-2804
Disciplina	621.36
Soggetti	Optics Earth sciences Geography Applied Optics Earth and Environmental Sciences Light-Matter Interaction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Extinction of electromagnetic waves by bounded targets: local and far-field definitions, measurements, generalizations and paradoxes -- Light scattering by large densely packed clusters of particles -- The volume scattering function of particles in the oceans -- Light backscattering by atmospheric particles: from laboratory to field experiments -- Local optical properties of turbid media and their influence on radiative transfer processes -- The study of planetary surface materials using reflectance spectroscopy.
Sommario/riassunto	The book is aimed at description of recent progress in studies of light extinction, absorption, and scattering in turbid media. In particular, light scattering/oceanic optics/planetary optics research communities are greatly benefit from the publication of this book.