

Wave Scattering in Complex Media: From Theory to Applications: Proceedings of the NATO Advanced Study Institute on Wave Scattering in Complex Media: From Theory to Applications Cargese, Corsica, France 10 22 June 2002

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Springer. Paperback. Book Condition: New. Paperback. 622 pages. Dimensions: 8.9in. x 7.0in. x 1.3in.A collection of lectures on a variety of modern subjects in wave scattering, including fundamental issues in mesoscopic physics and radiative transfer, recent hot topics such as random lasers, liquid crystals, lefthanded materials and time-reversal, as well as modern applications in imaging and communication. There is a strong emphasis on the interdisciplinary aspects of wave propagation, including light and microwaves, acoustic and elastic waves, propagating in a variety of complex materials (liquid crystals, media with gain, natural media, magneto-optical media, photonic and phononic materials, etc.). It addresses many different items in contemporary research: mesoscopic fluctuations, localization, radiative transfer, symmetry aspects, and time-reversal. It also discusses new (potential) applications in telecommunication, soft matter and imaging. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



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