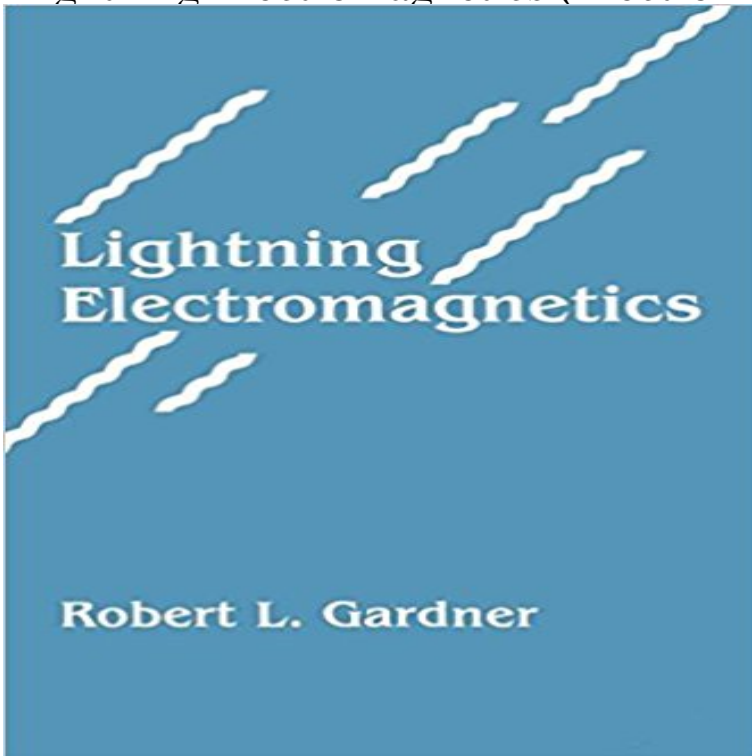


Lightning Electromagnetics (Electromagnetics Library)



A survey of theoretical and experimental research, this book covers all areas of lightning phenomenology. The four sections cover models of fundamental lightning processes, propagation of lightning-induced signals, measurement of lightning parameters, and lightning interaction with systems. The book provides an excellent review of the use of models to support remote sensing efforts. It includes data on high-frequency radiated fields for lightning and an overview of the data available in the frequency and time domains for lightning. The book also presents spectral and temporal characteristics of lightning in the VHF-UHF frequency range and uses photographic and electromagnetic measurements to examine how lightning chooses a strike point.

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