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Nota di contenuto	Introduction -- Dual-horizon Peridynamics -- First order nonlocal operator method -- Nonlocal operator method for waveguides.
Sommario/riassunto	This book provides an overview of computational methods based on peridynamics and nonlocal operators and their application to challenging numerical problems which are difficult to deal with traditional methods such as the finite element method, material failure being “only” one of them. The authors have also developed a higher-order nonlocal operator approaches capable of solving higher-order partial differential equations on arbitrary domains in higher-dimensional space with ease. This book is of interest to those in academia and industry. .