

1. Record Nr.	UNINA9910480165403321
Titolo	Imaging microstructures : mathematical and computational challenges : proceedings of a research conference, June 18-20, 2008, Institut Henri Poincare, Paris, France // Habib Ammari, Hyeonbae Kang, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2009] ©2009
ISBN	0-8218-8173-6 0-8218-4745-7
Descrizione fisica	1 online resource (208 p.)
Collana	Contemporary mathematics ; ; 494
Disciplina	621.36/70151
Soggetti	Image processing - Mathematics Microstructure - Mathematical models Microstructure - Data processing Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This book contains the proceedings of the research conference, "Imaging Microstructures: Mathematical and Computational Challenges", held at the Institut Henri Poincare, on June 18-20, 2008" --P. [4] of cover.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""Preface""; ""Diffusion in cellular microdomains: Application to synapses""; ""Modeling and computation of the scattering by a nano optical medium""; ""Behaviour of periodic fast multipole boundary integral equation method for Maxwell's equations near Wood's anomalies""; ""An asymptotic factorization method for inverse electromagnetic scattering in layered media II: A numerical study""; ""Faults in elastic half space: Direct and inverse problem"" ""Asymptotics in the presence of inclusions of small volume for a conduction equation: A case with a non-smooth reference potential"" ""Inverse Born series for diffuse waves""; ""On identification of doping profile in semiconductors""; ""Reconstruction algorithm for the linearized polarization tomography problem with incomplete data""; ""An effectivization of the global reconstruction in the Gelfand-CalderA³n inverse problem in three dimensions""; ""The image system

and Green's function for the ellipsoid"
