

1. Record Nr.	UNINA9910438152503321
Titolo	Microlocal Methods in Mathematical Physics and Global Analysis // edited by Daniel Grieser, Stefan Teufel, Andras Vasy
Pubbl/distr/stampa	Basel : , : Springer Basel : , : Imprint : Birkhäuser, , 2013
ISBN	1-283-93463-9 3-0348-0466-0
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (146 p.)
Collana	Research Perspectives, , 2509-7415
Altri autori (Persone)	GrieserDaniel
Disciplina	530.155
Soggetti	Differential equations Global analysis (Mathematics) Manifolds (Mathematics) Differential Equations Global Analysis and Analysis on Manifolds
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preface -- Semiclassical and adiabatic limits -- Singular spaces -- Spectral and scattering theory -- Wave propagation and topological applications.
Sommario/riassunto	Microlocal analysis is a mathematical field that was invented for the detailed investigation of problems from partial differential equations in the mid-20th century and that incorporated and elaborated on many ideas that had originated in physics. Since then, it has grown to a powerful machine used in global analysis, spectral theory, mathematical physics and other fields, and its further development is a lively area of current mathematical research. This book collects extended abstracts of the conference 'Microlocal Methods in Mathematical Physics and Global Analysis', which was held at the University of Tübingen from June 14th to 18th, 2011.