

# CONTEMPORARY MATHEMATICS

615

## Inverse Problems and Applications

Conference in Honor of Gunther Uhlmann  
on Inverse Problems  
June 18–22, 2012  
University of California, Irvine, CA

International Conference in Honor  
of Gunther Uhlmann's 60th Birthday  
on Inverse Problems and Applications  
September 17–21, 2012  
Yuquan Campus, Zhejiang University, Hangzhou, China

Plamen Stefanov  
András Vasy  
Maciej Zworski  
Editors



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Gunther Uhlmann

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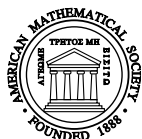
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## Contents

Preface	vii
Spectral theory of a Neumann-Poincaré-type operator and analysis of cloaking by anomalous localized resonance II HABIB AMMARI, GIULIO CIRAULO, HYEONBAE KANG, HYUNDAE LEE, and GRAEME MILTON	1
Hybrid inverse problems and redundant systems of partial differential equations GUILLAUME BAL	15
A direct imaging method for inverse scattering using the generalized Foldy-Lax formulation GANG BAO, KAI HUANG, PEIJUN LI, and HONGKAI ZHAO	49
The inverse scattering problem for a penetrable cavity with internal measurements FIORALBA CAKONI, DAVID COLTON, and SHIXU MENG	71
A Neumann series based method for photoacoustic tomography on irregular domains ERIC CHUNG, CHI YEUNG LAM, and JIANLIANG QIAN	89
Nonlinear inversion from partial EIT data: Computational experiments SARAH HAMILTON and SAMULI SILTANEN	105
Increasing stability of the inverse boundary value problem for the Schrödinger equation V. ISAKOV, S. NAGAYASU, G. UHLMANN, and J.-N. WANG	131
Recent progress of inverse scattering theory on non-compact manifolds HIROSHI ISOZAKI, YAROSLAV KURYLEV, and MATTI LASSAS	143
On an inverse problem for the Steklov spectrum of a Riemannian surface ALEXANDRE JOLLIVET and VLADIMIR SHARAFUTDINOV	165
Recent progress in the Calderón problem with partial data CARLOS KENIG and MIKKO SALO	193
Local reconstruction of a Riemannian manifold from a restriction of the hyperbolic Dirichlet-to-Neumann operator MATTI LASSAS and LAURI OKSANEN	223
Damping mechanisms for regularized transformation-acoustics cloaking JINGZHI LI, HONGYU LIU, and HONGPENG SUN	233

Hybrid inverse problem for porous media SHARI MOSKOW and JOHN SCHOTLAND	255
Efficient algorithms for ptychographic phase retrieval JIANLIANG QIAN, CHAO YANG, A. SCHIROTZEK, F. MAIA, and S. MARCHESINI	261
Matrix elements of Fourier integral operators STEVE ZELDITCH	281

## Preface

This volume presents original research and expository papers by speakers at two conferences on Inverse Problems and Applications, held in 2012, to celebrate the work of Gunther Uhlmann. The first conference was at the University of California, Irvine, CA, in June 2012; the second one was in Hangzhou, China, in September 2012.

The topics covered include inverse problems appearing in medical imaging, scattering theory, geometry and image processing, and the mathematical theory of cloaking, as well as methods related to inverse problems.

This broad range of topics gives a cross-section of the vibrant current research in inverse problems.





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