

Contents

Solving inverse problems using data-driven models	1
<i>Simon Arridge, Peter Maass, Ozan Öktem and Carola-Bibiane Schönlieb</i>	
Numerical analysis of hemivariational inequalities in contact mechanics	175
<i>Weimin Han and Mircea Sofonea</i>	
Derivative-free optimization methods	287
<i>Jeffrey Larson, Matt Menickelly and Stefan M. Wild</i>	
Numerical methods for Kohn–Sham density functional theory	405
<i>Lin Lin, Jianfeng Lu and Lexing Ying</i>	
Approximation algorithms in combinatorial scientific computing	541
<i>Alex Pothén, S. M. Ferdous and Fredrik Manne</i>	
Data assimilation: The Schrödinger perspective	635
<i>Sebastian Reich</i>	