A K Peters is pleased to introduce a new series of texts and monographs

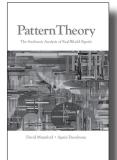
## **Applying Mathematics**

## SERIES ADVISORY BOARD

Robert Calderbank Jennifer Chayes David Donoho Weinan E George Papanicolaou

The first book in this series will be published this summer:

Pattern Theory
The Stochastic Analysis of
Real-World Signals
by
David Mumford



ISBN 978-1-56881-579-4; \$79.00 Hardcover; 428 pages

and Agnès Desolneux

"This book is fascinating. It develops a statistic approach to finding the patterns in the signals generated by the world. The style is lucid. The exposition is thorough."

—I. M. SINGER

"Pattern Theory covers six classic attempts at modeling signals from the human and natural world: natural language (written), music, character recognition, texture modeling, face recognition, and natural scenes. . . . I endorse the publication of Pattern Theory, and will actually use it and recommend it to other researchers."

—JEAN-MICHEL MOREL

"What singles out this outstanding book is an extremely original approach . . . The authors are leaders in signal and image processing and this book is based on their innovative research work. The overall organization of the book is marvelous. . . "

—YVES MEYER

Save 20% at www.akpeters.com
Discount Code: AMS



A K PETERS 508.651.0887 / www.akpeters.com marketing@akpeters.com