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IMA SUMMER PROGRAMS

- 1987 Robotics
- 1988 Signal Processing
- 1989 Robust Statistics and Diagnostics
- 1990 Radar and Sonar (June 18–29)
New Directions in Time Series Analysis (July 2–27)
- 1991 Semiconductors
- 1992 Environmental Studies: Mathematical, Computational, and
Statistical Analysis
- 1993 Modeling, Mesh Generation, and Adaptive Numerical Methods
for Partial Differential Equations
- 1994 Molecular Biology
- 1995 Large Scale Optimizations with Applications to Inverse Problems,
Optimal Control and Design, and Molecular and Structural
Optimization
- 1996 Emerging Applications of Number Theory (July 15–26)
Theory of Random Sets (August 22–24)
- 1997 Statistics in the Health Sciences
- 1998 Coding and Cryptography (July 6–18)
Mathematical Modeling in Industry (July 22–31)
- 1999 Codes, Systems, and Graphical Models (August 2–13, 1999)
- 2000 Mathematical Modeling in Industry - A Workshop for Graduate
Students (July 19–28)
- 2001 Geometric Methods in Inverse Problems and PDE Control
(July 16–27)

IMA “HOT TOPICS” WORKSHOPS

- Challenges and Opportunities in Genomics: Production, Storage,
Mining and Use, April 24–27, 1999
- Decision Making Under Uncertainty: Energy and Environmental
Models, July 20–24, 1999,
- Analysis and Modeling of Optical Devices, September 9–10, 1999
- Decision Making under Uncertainty: Assessment of the Reliability
of Mathematical Models, September 16–17, 1999
- Scaling Phenomena in Communication Networks, October 22–24,
1999
- Text Mining, April 17–18, 2000
- Mathematical Challenges in Global Positioning Systems (GPS),
August 16-18, 2000
- Modeling and Analysis of Noise in Integrated Circuits and Systems,
August 29–30, 2000
- Mathematics of the Internet: E-Auction and Markets, December
3–5, 2000
- Analysis and Modeling of Industrial Jetting Processes, January
10–13, 2001

SPRINGER LECTURE NOTES FROM THE IMA

The Mathematics and Physics of Disordered Media

Editors: Barry Hughes and Barry Ninham
(Lecture Notes in Math., Volume 1035, 1983)

Orienting Polymers

Editor: J.L. Ericksen
(Lecture Notes in Math., Volume 1063, 1984)

New Perspectives in Thermodynamics

Editor: James Serrin
(Springer-Verlag, 1986)

Models of Economic Dynamics

Editor: Hugo Sonnenschein
(Lecture Notes in Econ., Volume 264, 1986)

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J. Ericksen, D. Kinderlehrer, R. Kohn, and J.-L. Lions (eds.)
- 2 **Oscillation Theory, Computation, and Methods of Compensated Compactness** C. Dafermos, J. Ericksen, D. Kinderlehrer, and M. Slemrod (eds.)
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S. Antman, J. Ericksen, D. Kinderlehrer, and I. Muller (eds.)
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