

Bokbeslut möte 3/2011 (111012)

Optimering

Profiles in Operations Research: Pioneers and Innovators
(International Series in Operations Research & Management Science) Arjang A. Assad, Saul I. Gass

Hardback: 867 p.

Publisher: Springer-Verlag, 2011

ISBN-13: 978-144196280

Safety and Risk Modeling and Its Applications (Springer Series in Reliability Engineering)
Hoang Pham (Editor)

Hardcover: 544 pages

Publisher: Springer; September 28, 2011

ISBN-13: 978-0857294692

Stochastic Modeling and Optimization: With Applications in Queues, Finance, and Supply Chains / David D. Yao (Editor), Hanqin Zhang (Editor), Xun Yu Zhou (Editor)

Paperback: 479 pages

Publisher: Springer; 2003

ISBN-13: 978-1441930651

Nondifferentiable Optimization and Polynomial Problems (Nonconvex Optimization and Its Applications) / N.Z. Shor (Author)

Paperback: 412 pages

Publisher: Springer; 1998

ISBN-13: 978-1441947925

Mixed Integer Nonlinear Programming (The IMA Volumes in Mathematics and its Applications) / Sven Leyffer (Editor), John Lee (Editor)

Hardcover: 670 pages

Publisher: Springer; November 13, 2011

ISBN-13: 978-1461419266

Variational Analysis and Generalized Differentiation in Optimization and Control In Honor of Boris S. Mordukhovich (Springer Optimization and Its Applications, Vol. 47) / Burachik, Regina S.; Yao, Jen-Chih (Eds.)

Hardback: 232 p.

Springer, 2010

ISSB 9781441904362

Analys m.m.

Greedy approximation / Temlyakov, Vladimir

Hardback

Cambridge UP, 2011

9781107003378

Stein manifolds and holomorphic mappings : the homotopy principle in complex analysis /

Forstneric, Franc

Hardback

Springer, 2011

9783642222498

Selected works of Oded Schramm / Benjamini, Itai & Häggström, Olle

Paperback

Springer, 2011

9781441996770

Beräkningsmatematik

Numerical methods for large eigenvalue problems / Saad, Yusef

Paperback: 276 s.

SIAM, 2011

9781611970722

Nonlinear conservation laws and applications / Bressan, Alberto m.fl. (eds.)

Hardback: 490 s.

Springer, 2011

9781441995537

Singular perturbation theory / Skinner, Lindsay A.

Paperback: 85 s.

Springer, 2011

9781441999573

Multiscale modeling and simulation in science : proceedings of Winter workshop at Banff
research station, 2009 / Engquist, Björn m.fl. (eds.)

Hardback

Springer, 2011

9783642219429

Interpolation theory / Lunardi, Alessandra. 2. ed.

Paperback

Birkhäuser, 2009

9788876423420

Algebraisk geometri

A Royal Road to Algebraic Geometry

Audun Holme (Author)

- Hardcover: 377 pages
- Publisher: Springer; November 28, 2011
- ISBN-13: 978-3642192241

The Arithmetic of Fundamental Groups: PIA 2010 (Contributions in Mathematical and Computational Sciences) (English and French Edition)

Jakob Stix (Editor)

- Hardcover: 390 pages
- Publisher: Springer; December 28, 2011
- Language: English, French
- ISBN-13: 978-3642239045

Talteori

Arithmetics (Universitext)

Marc Hindry (Author)

- Paperback: 340 pages
- Publisher: Springer; August 12, 2011
- ISBN-13: 978-1447121305

Arithmetic of L-Functions (Ias / Park City Mathematics)

Cristian Popescu (Editor), Karl Rubin (Editor), Alice Silverberg (Editor)

- Hardcover: 501 pages
- Publisher: Amer Mathematical Society (October 27, 2011)
- ISBN-13: 978-0821853207

Lectures on $NX(p)$ (Research Notes in Mathematics)

Jean-Pierre Serre (Author)

- Hardcover: 174 pages
- Publisher: A K Peters/CRC Press; November 1, 2011
- ISBN-13: 978-1466501928

Analys

Potential Theory (Universitext)

Lester Helms

- Paperback: 441 pages
- Publisher: Springer; 2nd Printing. June 18, 2009
- ISBN-13: 978-1848823181

Grafteori

Expander Families and Cayley Graphs: A Beginner's Guide

Mike Krebs (Author), Anthony Shaheen (Author)

Hardcover: 288 pages

Publisher: Oxford University Press, USA (October 21, 2011)

ISBN-13: 978-0199767113

Gruppteori

Lectures on Profinite Topics in Group Theory (London Mathematical Society Student Texts)

Benjamin Klopsch (Author), Nikolay Nikolov (Author), Christopher Voll (Author), Dan Segal (Editor)

Paperback: 158 pages

Publisher: Cambridge University Press (March 21, 2011)

ISBN-13: 978-0521183017

Arithmetic Groups and Their Generalizations (AMS/IP Studies in Advanced Mathematics)

Lizhen Ji (Author)

Paperback: 259 pages

Publisher: American Mathematical Society, International Press (April 20, 2009)

ISBN-13: 978-0821848661

Topologi

Introduction to Homotopy Theory (Universitext)

Martin Arkowitz (Author)

Paperback: 357 pages

Publisher: Springer; (July 25, 2011)

ISBN-13: 978-1441973283

A Primer on Mapping Class Groups (PMS-49) (Princeton Mathematical)

Benson Farb (Author), Dan Margalit (Author)

Hardcover: 488 pages

Publisher: Princeton University Press (October 16, 2011)

ISBN-13: 978-0691147949

Matematisk fysik

The Geometry of Infinite-Dimensional Groups

Boris Khesin (Author), Robert Wendt (Author)

Paperback: 316 pages

Publisher: Springer; April 23, 2009

ISBN-13: 978-3540852056

Tillämpad matematik

Triangulations: Structures for Algorithms and Applications (Algorithms and Computation in Mathematics)

Jesus A. De Loera (Author), Jörg Rambau (Author), Francisco Santos (Author)

- Hardcover: 549 pages
- Publisher: Springer; November 4, 2010
- ISBN-13: 978-3642129704

Matematisk logik

Mathematical Logic and Model Theory: A Brief Introduction (Universitext)

Alexander Prestel (Author), Charles N. Delzell (Author)

- Paperback: 204 pages
- Publisher: Springer; October 28, 2011
- ISBN-13: 978-1447121756

Modulära former

Partitions, q-Series, and Modular Forms (Developments in Mathematics)

Krishnaswami Alladi (Editor), Frank Garvan (Editor)

- Hardcover: 212 pages
- Publisher: Springer; September 30, 2011
- ISBN-13: 978-1461400271

Statistik

Fundamentals of stochastic networks / Ibe, Oliver C.

Hardback

Wiley-Blackwell, 2011

9781118065679

Selected works of Oded Schramm, vol 1 / Benjamini, Itai & Häggström, Olle

Hardback

Springer, 2011

9781441996749

Selected works of Oded Schramm, vol. 2 / Benjamini, Itai

Paperback

Springer, 2011

9781441996770

Principles of applied statistics / Cox, D. R. & Donnelly, Christl A.

Hardback: 202 s.

Cambridge UP, 2011

9781107013599

Gibbs measures and phase transitions / Georgii, Hans-Otto. 2. ed.
Hardback: 545 s.
De Gruyter, 2011
9783110250299

Analys, geometri

Mscow mathematical Olympiads, 1993-1999 / Fedorov, Roman m.fl.
Paperback: 220 s.
AMS, 2011
9780821853634

Clifford algebras : an introduction / Garling, D. J. H.
Hardback: 200 s.
Cambridge UP, 2011
9781107096387

An introduction to measure theory / Tao, Terence
Hardcover: 206 s.
AMS, 2011
978-0-8218-6919-2

Mathematics everywhere / Aigner, Martin & Behrends, Ehrhard (eds.)
Paperback: 330 s.
AMS, 2010
9780821843499

An initiation to logarithmic Sobolev inequalities / Royer, Gilles
Paperback: 119 s.
AMS, 2007
9780821844014

Pick interpolation and Hilbert function spaces / Agler, Jim & McCarthy, John E.
Hardback: 308 s.
AMS, 2002
9780821828984

The mountain pass theorem : variants, generalizations and some applications / Jabri, Youssef
Paperback
Cambridge UP, 2011
9781107403338

A complex analysis problem book / Alpay, Daniel
Paperback: 526 s.
Birkhäuser, 2011
9783034800778

Modern approaches to the invariant-subspace problem / Chalender, Isabelle & Partington, Jonathan R.

Hardback: 285 s.

Cambridge UP, 2011

9781107010512

Lecture notes on mean curvature flow / Mantegazza, Carlo

Hardback: 166 s.

Birkhäuser/Springer, 2011

9783034801447

Introduction to stochastic partial differential equations / Gyongy, Istvan

Hardback

Springer, 2011

9783642165351

Topologi, varia

The music of the primes : why an unsolved problem in mathematics matters / du Sautoy, Marcus

Paperback: 335 s.

Harper perennial, 2004

9781841155807

Finding moonshine / du Sautoy, Marcus

Paperback: 376 s.

Harper perennial, 2009

9780007214624

Symmetry : a journey into the patterns of nature / du Sautoy, Marcus

Hardback: 376 s.

Harper, 2008

9780060789404

Stable homotopy around the Arf-Kervaire invariant / Snaithe, Victor P.

Hardback: 239 s.

Birkhäuser/Springer, 2009

978-3-7643-9903-0

Probabilities : the little numbers that rule our lives / Olofsson, Peter

Paperback: 280 s.

Wiley-Blackwell, 2010

9780470624456

Mathematik / Arens, T. m.fl. 2. Aufl.

1506 s.

Spektrum, 2011

978-3-8274-2347-4

Combinatorics : the Rota way / Kung, Joseph P. S., Rota, Gian-Carlo & Yan, Catherine H.
Hardback: 396 s.

Cambridge UP, 2009

9780521883894

Remembering Sofya Kovalevskaya / Audin, Michéle

Hardback

Springer, 2011

9780857299284

Thurston's work on surfaces / Fathi, Albert m.fl.

Paperback

Princeton UP, 2012

9780691147352

Homotopy theory of higher categories : from Segal categories to n-categories and beyond /
Simpson, Carlos

Hardback

Cambridge UP, 2011

9780521516952

Övrigt

Bioinformatics for biologists / Pevzner, Pavel & Shamir, Ron

Hardback

Cambridge UP, 2011

9781107011465

Evolution and the theory of games / Maynard Smith, John

Paperback: 224 s.

Cambridge UP, 1982

9780521288842

Evolutionary games and population dynamics / Hofbauer, Josef & Sigmund, Karl

Paperback: 323 s.

Cambridge UP, 1998

9780521625708

Animal signals / Maynard Smith, John & Harper, David

Paperback: 166 s.

Oxford UP, 2003

9780198526858

Mathematical models for biological pattern formation / Maini, Philip K. & Othmer, Hans G.
(eds.)

Hardback: 317 s.

Springer, 2000

9780387951034

Mathematical methods of population biology / Hoppensteadt

Paperback: 149 s.

Cambridge UP, 1982

9780521282567

Essential mathematical biology / Britton, Nicholas F.

Paperback: 335 s.

Springer, 2003

9781852335366

Collective animal behavior / Sumpter, David J. T.

Paperback: 302 s.

Princeton UP, 2010

9780691148434

A short history of mathematical population dynamics / Bacaër, Nicolas

Paperback: 168 s.

Springer, 2010

9780857291141