

Bokbeslut möte 1/2015 (150324)

Optimering

Convex optimization algorithms / Bertsekas, D. P
Hardcover: 576 s.
Athena Scientific, 2015
978-1886529281

Optimization : a theory of necessary conditions / Neustadt, Lucien W.
Paperback, 440 s.
Princeton UP, 2015
9780691616834

An introduction to nonlinear optimization theory / Durea, Marius
Hardback:
De Gruyter, 2014
9783110426038

Constrained global optimization : algorithms and applications / Pardalos, Panos M.
Paperback: 156 s.
Springer, 2014
9783662184875

Approximation and optimization / Gomez-Fernandez, Juan A.
Paperback: 292 s.
Springer, 2014
9783662196472

Controllability and optimization / Marzollo, Angelo
Paperback: 84 s.
Springer, 2014
9783709129609

Abstract dynamic programming / Bertsekas, Dimitry P.
Book
Athena Scientific, 2013
9781886529427

Analys, geometri

Some asymptotic problems in the theory of partial differential equations / Oleinik, Olga
Hardback: 202 s.
Cambridge UP, 1996
9780521480833

Homogenization : methods and applications / Chechkin, G. A. m.fl.

Hardback: 234 s.

AMS, 2007

9780821838730

The geometrization conjecture / Morgan, John

Hardback: 291 s.

AMS, 2014

9780821852019

Evolution equations : Clay mathematics institute summer school, Evolution equations, Eidgenössische Technische Hochschule, Zürich, Switzerland, June 23-July 18, 2008 /

Ellwood, David

Paperback: 570 s.

AMS, 2013

9780821868614

Algebraisk geometri

Cremona Groups and the Icosahedron / by Ivan Cheltsov (Author), Constantin Shramov (Author)

- Series: Monographs and Research Notes in Mathematics
- Hardcover: 512 pages
- Publisher: Chapman and Hall/CRC (August 4, 2015)
- ISBN-13: 978-1482251593

Beauville Surfaces and Groups / Shelly Garion (Editor), Alina Vdovina (Editor)

- Series: Springer Proceedings in Mathematics & Statistics (Book 123)
- Hardcover: 183 pages
- Publisher: Springer; 2015 edition (May 14, 2015)
- ISBN-13: 978-3319138619

Geometri

Chern-Simons Theory, Matrix Models, and Topological Strings / by Marcos Marino (Author)

- Series: The International Series of Monographs on Physics (Book 131)
- Paperback: 224 pages
- Publisher: Oxford University Press; 1 edition (June 14, 2015)
- ISBN-13: 978-0198726333

Introduction to Tropical Geometry / by Diane Maclagan (Author), Bernd Sturmfels (Author)

- Series: Graduate Studies in Mathematics
- Hardcover: 364 pages
- Publisher: Amer Mathematical Society (April 17, 2015)
- ISBN-13: 978-0821851982

Knots, Braids and Mobius Strips : Particle Physics and the Geometry of Elementarity: An Alternative View / by Jack Avrin (Author)

- Series: Series on Knots & Everything
- Hardcover: 336 pages
- Publisher: World Scientific Publishing (April 17, 2015)
- ISBN-13: 978-9814616003

Surveys in Differential Geometry, Vol. 19 (2014): Regularity and evolution of nonlinear equations / by [various contributors] (Author)

- Hardcover: 310 pages
- Publisher: International Press of Boston (April 10, 2015)
- ISBN-13: 978-1571463036

Encyclopedia of Analytical Surfaces / by Sergey Krivoschapko (Author), V.N. Ivanov (Author)

- Hardcover: 752 pages
- Publisher: Springer; 2015 edition (February 26, 2015)
- ISBN-13: 978-3319117720

Geometry and Analysis on Manifolds: In Memory of Professor Shoshichi Kobayashi / by Takushiro Ochiai (Editor), Toshiki Mabuchi (Editor), Yoshiaki Maeda (Editor), Junjiro Noguchi (Editor)

- Series: Progress in Mathematics (Book 308)
- Hardcover: 481 pages
- Publisher: Birkhäuser; 2015 edition (February 26, 2015)
- ISBN-13: 978-3319115221

Birational Geometry of Foliations / by Marco Brunella (Author)

- Series: IMPA Monographs (Book 1)
- Hardcover: 130 pages
- Publisher: Springer; 2015 edition (April 14, 2015)
- ISBN-13: 978-3319143095

The Geometry of the Octonions / by Tevian Dray (Author), Corinne A Manogue (Author)

- Hardcover: 228 pages
- Publisher: World Scientific Publishing Company (March 31, 2015)
- ISBN-13: 978-9814401814

Talteori och aritmetisk teori

Arithmetic and Geometry / by Luis Dieulefait (Editor), D. R. Heath-Brown (Editor), et al.
Series: London Mathematical Society Lecture Note Series (Book 420)

Paperback: 550 pages

Publisher: Cambridge University Press (August 31, 2015)

ISBN-13: 978-1107462540

O-Minimality and Diophantine Geometry / by A. J. Wilkie (Editor), G. O. Jones (Editor)
Series: London Mathematical Society Lecture Note Series (Book 421)
Paperback: 230 pages
Publisher: Cambridge University Press (June 30, 2015)
ISBN-13: 978-1107462496

On Some Applications of Diophantine Approximations: A translation of C.L. Siegel's Über einige Anwendungen diophantischer Approximationen, with a ... / by Umberto Zannier (Editor)
Series: Publications of the Scuola Normale Superiore / Monographs (Scuola Normale Superiore) (Book 2)
Paperback: 157 pages
Publisher: Edizioni della Normale; 2014 edition (June 24, 2015)
ISBN-13: 978-8876425196

The Quadratic Reciprocity Law: A Collection of Classical Proofs / by Oswald Baumgart (Author), Franz Lemmermeyer (Translator)
Hardcover: 170 pages
Publisher: Birkhäuser; 2015 edition (June 14, 2015)
ISBN-13: 978-3319162829

The Bloch-Kato Conjecture for the Riemann Zeta Function / by John Coates (Editor), A. Raghuram (Editor), Anupam Saikia (Editor), R. Sujatha (Editor)
Series: London Mathematical Society Lecture Note Series (Book 418)
Paperback: 320 pages
Publisher: Cambridge University Press (May 31, 2015)
ISBN-13: 978-1107492967

Introduction to Analytic and Probabilistic Number Theory / by Gerald Tenenbaum (Author)
Edition: 3. Ed.
Series: Graduate Studies in Mathematics
Hardcover: 641 pages
Publisher: Amer Mathematical Society; 3 edition (April 17, 2015)
ISBN-13: 978-0821898543

Grupp- och representationsteori

Expansion in Finite Simple Groups of Lie Type / by Terence Tao (Author)
Series: Graduate Studies in Mathematics
Hardcover: 308 pages
Publisher: Amer Mathematical Society (May 28, 2015)
ISBN-13: 978-1470421960

Modular Representation Theory of Finite and p-Adic Groups / by Wee Teck Gan (Author, Editor)

Series: Lecture Notes Series, Institute for Mathematical Sciences, National University of Singapore (Book 30)

Hardcover: 260 pages

Publisher: World Scientific Publishing Co (April 25, 2015)

ISBN-13: 978-9814651806

Handbook of Group Actions: 2-Volume Set (Vols. 31 & 32 of the Advanced Lectures in Mathematics series)

Paperback: 1216 pages

Publisher: International Press of Boston (March 12, 2015)

ISBN-13: 978-1571463029

Symmetry: Representation Theory and Its Applications: In Honor of Nolan R. Wallach / by Roger E. Howe (Editor), Markus Hunziker (Editor), Jeb F. Willenbring (Editor)

Series: Progress in Mathematics (Book 257)

Hardcover: 538 pages

Publisher: Birkhäuser; 2014 edition (January 5, 2015)

ISBN-13: 978-1493915897

Kombinatorik

Catalan Numbers / by Richard P. Stanley (Author)

- Hardcover: 216 pages
- Publisher: Cambridge University Press (April 30, 2015)
- ISBN-13: 978-1107075092

Algebraic Design Theory and Hadamard Matrices: ADTHM, Lethbridge, Alberta, Canada, July 2014 / by Charles J. Colbourn (Editor)

- Series: Springer Proceedings in Mathematics & Statistics (Book 133)
- Hardcover: 258 pages
- Publisher: Springer; 2015 edition (June 16, 2015)
- ISBN-13: 978-3319177281

Övrigt

Large scale linear and integer optimization : a unified approach / Martin, Richard Kipp

Paperback:

Springer, 2012

9781461372585

3D images of materials structures : processing and analysis / Ohser, Joachim & Schladitz, Katja

Hardback: 325 s.

Wiley-Blackwell, 2009

9783527312030

Stationary stochastic processes for scientists and engineers / Lindgren, Georg & Rootzén, Holger & Sandsten, Maria

Hardback

Taylor & Francis, 2013

9781466586185

Mathematics without apologies : portrait of a problematic vocation / Harris, Michael

Hardcover: 464 s.

Princeton UP, 2015

978-0691154237