A Bibliography of Papers in *Lecture Notes in Computer Science* (2010)

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25 April 2024
Version 1.06

Title word cross-reference

L [10].

1.0 [45]. **10th** [66]. **11th** [63]. **12th** [65]. **16th** [58].

2 [24]. **2.5** [36]. **29th** [61].

30th [67].

5th [59].

8.8/11.2 [62].

9th [62, 64].

Accurate [22]. **advanced** [62]. **Advances** [58, 61, 67]. **Africa** [60]. **Africacrypt** [60]. **Algebra** [15, 12, 37, 41, 24]. **Algebraic** [20]. **Algorithm** [38, 34, 39]. **Algorithms** [40]. **Allocation** [16]. **Alternative** [4]. **America** [57]. **Analysis** [35]. **annual** [61, 67]. **application** [58, 62]. **applications** [61]. **April** [62]. **Arbitrary** [38]. **Arithmetic** [19, 54, 22]. **Asiacrypt** [58]. **August** [57, 67]. **Automated** [41, 30].

Barbara [67]. **Based** [23, 33]. **Bases** [42, 10, 17]. **Beijing** [59]. **Beyond** [15]. **Binomial** [38]. **Bivariate** [21]. **Black** [11]. **Black-Box** [11]. **Blocks** [16]. **Box** [11]. **Branch** [34]. **Building** [27, 16].

C [15, 53, 56, 48]. **C-XSC** [56]. **CA** [66, 67].

1

References

Hales:2010:CDG

[1] Thomas C. Hales. Computational discrete geometry. *Lecture Notes in Computer Science*, 6327:1–3, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/bfm:978-3-642-15582-6/1.pdf; http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_1.pdf.

Kojima:2010:ESS

[2] Masakazu Kojima. Exploiting structured sparsity in large scale semidefinite programming problems. *Lecture Notes in*

Computer Science, 6327:4–9, 2010. CO-DEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http:/ /link.springer.com/content/pdf/10. 1007/978-3-642-15582-6_2.pdf.

Mehlhorn:2010:REG

[3] Kurt Mehlhorn. Reliable and efficient geometric computing. *Lecture Notes in Computer Science*, 6327:10–11, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer. com/content/pdf/10.1007/978-3-642-15582-6_3.pdf.

Erocal:2010:SPU

[4] Burçin Eröcal and William Stein. The Sage Project: Unifying free mathematical software to create a viable alternative to Magma, Maple, Mathematica and MATLAB. *Lecture Notes in Computer Science*, 6327:12–27, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer. com/content/pdf/10.1007/978-3-642-15582-6_4.pdf.

Chevillard:2010:SED

[5] Sylvain Chevillard, Mioara Joldeş, and Christoph Lauter. Sollya: an environment for the development of numerical codes. *Lecture Notes in Computer Science*, 6327:28–31, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link. springer.com/content/pdf/10.1007/ 978-3-642-15582-6_5.pdf.

Cuyt:2010:VSF

[6] Annie Cuyt, Franky Backeljauw, Stefan Becuwe, and Joris Van Deun. Validated special functions software. *Lecture Notes in Computer Science*, 6327:32–34, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer. com/content/pdf/10.1007/978-3-642-15582-6_6.pdf.

Benoit:2010:DDM

[7] Alexandre Benoit, Frédéric Chyzak, Alexis Darrasse, Stefan Gerhold, and Marc Mezzarobba .... The Dynamic Dictionary of Mathematical Functions (DDMF). *Lecture Notes in Computer Science*, 6327:35–41, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link. springer.com/content/pdf/10.1007/ 978-3-642-15582-6_7.pdf.

Zimmermann:2010:RCG

[8] Paul Zimmermann. Reliable computing with GNU MPFR. *Lecture Notes in Computer Science*, 6327:42–45, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http:/ /link.springer.com/content/pdf/10. 1007/978-3-642-15582-6_8.pdf.

Barakat:2010:SCS

[9] Mohamed Barakat and Simon Görtzen. Simplicial cohomology of smooth orbifolds in GAP. *Lecture Notes in Computer Science*, 6327:46–49, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http:/ /link.springer.com/content/pdf/10. 1007/978-3-642-15582-6_9.pdf.

Eick:2010:CPQ

[10] Bettina Eick and Max Horn. Computing polycyclic quotients of finitely (L-)Presented groups via Gröbner bases. *Lecture Notes in Computer Science*,

6327:50–53, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_10.pdf.

Ambrose:2010:CMT

[11] Sophie Ambrose, Scott H. Murray, Cheryl E. Praeger, and Csaba Schneider. Constructive membership testing in black-box classical groups. *Lecture Notes in Computer Science*, 6327:54–57, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_11.pdf.

Behrends:2010:THP

[12] Reimer Behrends, Alexander Konovalov, Steve Linton, Frank Lübeck, and Max Neunhöeffer. Towards high-performance computational algebra with GAP. *Lecture Notes in Computer Science*, 6327:58–61, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_12.pdf.

Miyamoto:2010:IFC

[13] Izumi Miyamoto. An improvement of a function computing normalizers for permutation groups. *Lecture Notes in Computer Science*, 6327:62–68, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_13.pdf.

Pasechnik:2010:GPC

[14] Dmitrii V. Pasechnik and Keshav Kini. A GAP package for computation with coherent configurations. *Lecture Notes in Computer Science*, 6327:69–72, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_14.pdf.

Abbott:2010:CCL

[15] John Abbott and Anna M. Bigatti. Co-CoALib: a C++ library for computations in commutative algebra ... and beyond. *Lecture Notes in Computer Science*, 6327:73–76, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_15.pdf.

Dumas:2010:LFS

[16] Jean-Guillaume Dumas, Thierry Gautier, Clément Pernet, and B. David Saunders. LinBox founding scope allocation, parallel building blocks, and separate compilation. *Lecture Notes in Computer Science*, 6327:77–83, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_16.pdf.

Faugere:2010:FLC

[17] Jean-Charles Faugère. FGb: a library for computing Gröbner bases. *Lecture Notes in Computer Science*, 6327:84–87, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_17.pdf.

Hart:2010:FLN

[18] William B. Hart. Fast library for number theory: an introduction. *Lecture Notes in Computer Science*, 6327:88–91, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_18.pdf.

Halperin:2010:CPC

[19] Dan Halperin. Controlled perturbation for certified geometric computing with fixed-precision arithmetic. *Lecture Notes in Computer Science*, 6327:92–95, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_19.pdf.

Karavelas:2010:EGA

[20] Menelaos I. Karavelas. Exact geometric and algebraic computations in CGAL. *Lecture Notes in Computer Science*, 6327:96–99, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_20.pdf.

Rouillier:2010:SSB

[21] Fabrice Rouillier. On solving systems of bivariate polynomials. *Lecture Notes in Computer Science*, 6327:100–104, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_21.pdf.

Rump:2010:ARC

[22] Siegfried M. Rump. Accurate and reliable computing in floating-point arithmetic. *Lecture Notes in Computer Science*, 6327:105–108, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_22.pdf.

Morig:2010:DDC

[23] Marc Mörig. Deferring DAG construction by storing sums of floats speeds-up exact decision computations based on expression dags. *Lecture Notes in Computer Science*, 6327:109–120, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_23.pdf.

Yu:2010:DCL

[24] Jihun Yu, Chee Yap, Zilin Du, Sylvain Pion, and Hervé Brönnimann. The design of Core 2: a library for exact numeric computation in geometry and algebra. *Lecture Notes in Computer Science*, 6327:121–141, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_24.pdf.

Adams:2010:IHZ

[25] Mark Adams. Introducing HOL Zero. *Lecture Notes in Computer Science*, 6327:142–143, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_25.pdf.

Alama:2010:EPF

[26] Jesse Alama. Euler's polyhedron formula in Mizar. *Lecture Notes in Computer Science*, 6327:144–147, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_26.pdf.

Arthan:2010:BLM

[27] R. D. Arthan. Building a library of mechanized mathematical proofs: Why do it? and what is it like to do? *Lecture Notes in Computer Science*, 6327:148, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_27.pdf.

Hales:2010:LPK

[28] Thomas C. Hales. Linear programs for the Kepler conjecture. *Lecture Notes in Computer Science*, 6327:149–151, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_28.pdf.

Harrison:2010:FPP

[29] John Harrison. A formal proof of Pick's theorem. *Lecture Notes in Computer Science*, 6327:152–154, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_29.pdf.

Urban:2010:EAT

[30] Josef Urban, Krystof Hoder, and Andrei Voronkov. Evaluation of automated theorem proving on the Mizar mathematical library. *Lecture Notes in Computer Science*, 6327:155–166, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_30.pdf.

Hoffmann:2010:LDP

[31] Tim Hoffmann. On local deformations of planar quad-meshes. *Lecture Notes in Computer Science*, 6327:167–169, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_31.pdf.

Weber:2010:CHS

[32] Matthias Weber. Construction of harmonic surfaces with prescribed geometry. *Lecture Notes in Computer Science*, 6327:170–173, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_32.pdf.

vonGagern:2010:LOB

[33] Martin von Gagern and Christian Mercat. A library of OpenGL-based mathematical image filters. *Lecture Notes in Computer Science*, 6327:174–185, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_33.pdf.

Mucherino:2010:MJI

[34] Antonio Mucherino, Leo Liberti, and Carlile Lavor. MD-jeep: an implementation of a branch and prune algorithm for distance geometry problems. *Lecture*

Notes in Computer Science, 6327:186–197, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_34.pdf`.

Reininghaus:2010:TCF

[35] Jan Reininghaus, David Günther, Ingrid Hotz, Steffen Prohaska, and Hans-Christian Hege. TADD: a computational framework for data analysis using discrete Morse theory. *Lecture Notes in Computer Science*, 6327:198–208, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_35.pdf`.

Bruns:2010:IN

[36] Winfried Bruns, Bogdan Ichim, and Christof Söger. Introduction to Normaliz 2.5. *Lecture Notes in Computer Science*, 6327:209–212, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_36.pdf`.

Markwig:2010:CAM

[37] Thomas Markwig. Computer algebra methods in tropical geometry. *Lecture Notes in Computer Science*, 6327:213–216, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_37.pdf`.

Blanco:2010:NDA

[38] Rocío Blanco. A new desingularization algorithm for binomial varieties in arbitrary characteristic. *Lecture Notes in Computer Science*, 6327:217–220, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_38.pdf`.

Nakayama:2010:ACI

[39] Hiromasa Nakayama and Kenta Nishiyama. An algorithm of computing inhomogeneous differential equations for definite integrals. *Lecture Notes in Computer Science*, 6327:221–232, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_39.pdf`.

Noro:2010:NAC

[40] Masayuki Noro. New algorithms for computing primary decomposition of polynomial ideals. *Lecture Notes in Computer Science*, 6327:233–244, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_40.pdf`.

Tec:2010:ACP

[41] Loredana Tec, Georg Regensburger, Markus Rosenkranz, and Bruno Buchberger. An automated confluence proof for an infinite rewrite system parametrized over an integro-differential algebra. *Lecture Notes in Computer Science*, 6327:245–248, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_41.pdf`.

Dotsenko:2010:OGB

[42] Vladimir Dotsenko and Mikael Vejdemo-Johansson. Operadic Gröbner bases: an implementation. *Lecture Notes in Computer Science*, 6327:249–252, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_42.pdf`.

Cannon:2010:MTN

[43] John Cannon, Steve Donnelly, Claus Fieker, and Mark Watkins. Magma — a tool for number theory. *Lecture Notes in Computer Science*, 6327:253–255, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_43.pdf`.

Citro:2010:EGR

[44] Craig Citro and Alexandru Ghitza. Enumerating Galois representations in Sage. *Lecture Notes in Computer Science*, 6327:256–259, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_44.pdf`.

Tanaka:2010:N

[45] Satoru Tanaka, Naoki Ogura, Ken Nakamula, Tetsushi Matsui, and Shigenori Uchiyama. NZMATH 1.0. *Lecture Notes in Computer Science*, 6327:260–269, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_45.pdf`.

Adjiashvili:2010:RRQ

[46] David Adjiashvili, Michel Baes, and Philipp Rostalski. Removing redundant quadratic constraints. *Lecture Notes in Computer Science*, 6327:270–281, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_46.pdf`.

Jensen:2010:TSP

[47] Anders Nedergaard Jensen. Traversing symmetric polyhedral fans. *Lecture Notes in Computer Science*, 6327:282–294, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_47.pdf`.

Rehn:2010:CTE

[48] Thomas Rehn and Achill Schürmann. C++ tools for exploiting polyhedral symmetries. *Lecture Notes in Computer Science*, 6327:295–298, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_48.pdf`.

Verdoolaege:2010:IIS

[49] Sven Verdoolaege. isl: an integer set library for the polyhedral model. *Lecture Notes in Computer Science*, 6327:299–302, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_49.pdf`.

Liberti:2010:ROS

[50] Leo Liberti, Sonia Cafieri, and David Savourey. The reformulation-optimization software engine. *Lecture Notes in Computer Science*, 6327:303–314, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_50.pdf`.

Haase:2010:GSL

[51] Christian Haase, Benjamin Lorenz, and Andreas Paffenholz. Generating smooth lattice polytopes. *Lecture Notes in Computer Science*, 6327:315–328, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_51.pdf`.

Lecerf:2010:MTL

[52] Grégoire Lecerf. Mathemagix: Towards large scale programming for symbolic and certified numeric computations. *Lecture Notes in Computer Science*, 6327:329–332, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_52.pdf`.

Neher:2010:CIF

[53] Markus Neher. Complex inclusion functions in the CoStLy C++ class library. *Lecture Notes in Computer Science*, 6327:333–336, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_53.pdf`.

Revol:2010:SIA

[54] Nathalie Revol. Standardized interval arithmetic and interval arithmetic used in libraries. *Lecture Notes in Computer Science*, 6327:337–341, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_54.pdf`.

Leiserson:2010:EEL

[55] Charles E. Leiserson, Liyun Li, Marc Moreno Maza, and Yuzhen Xie. Efficient evaluation of large polynomials. *Lecture Notes in Computer Science*, 6327:342–353, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_55.pdf`.

Popova:2010:CFE

[56] Evgenija D. Popova and Walter Krämer. Communicating functional expressions from Mathematica to C-XSC. *Lecture Notes in Computer Science*, 6327:354–365, 2010. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer.com/content/pdf/10.1007/978-3-642-15582-6_56.pdf`.

Abdalla:2010:PCL

[57] Michel Abdalla and Paulo S. L. M. Barreto, editors. *Progress in cryptology — Latincrypt 2010: first international conference on cryptology and information security in Latin America, Puebla, Mexico, August 8–11, 2010, proceedings*, volume 6212 of *Lecture notes in computer science*. Springer-Verlag Inc., New York, NY, USA, 2010. ISBN 3-642-14711-9 (softcover). LCCN ????

Abe:2010:ACA

[58] Masayuki Abe, editor. *Advances in cryptology — Asiacrypt 2010: 16th international conference on the theory and application of cryptology and information security, Singapore, December 5–9, 2010. Proceedings*, volume 6477 of *Lecture notes in computer science*. Springer-Verlag Inc., New York, NY, USA, 2010. ISBN 3-642-17372-1 (softcover). LCCN ????

Bao:2010:ISC

[59] Feng Bao, Moti Yung, and Dongdai Lin, editors. *Information security and cryptology: 5th international conference, IN-SCRYPT 2009, Beijing, China, December 12–15, 2009. revised selected papers*, volume 6151 of *Lecture notes in computer science*. Springer-Verlag Inc., New York, NY, USA, 2010. ISBN 3-642-16341-6 (softcover). LCCN ????

Bernstein:2010:PCA

[60] Daniel J. Bernstein and Tanja Lange, editors. *Progress in cryptology — Africacrypt 2010: third international conference on cryptology in Africa, Stellenbosch, South Africa, May 3–6, 2010. proceedings*, volume 6055 of *Lecture notes in computer science*. Springer-Verlag Inc., New York, NY, USA, 2010. ISBN 3-642-12677-4 (softcover). LCCN ????

Gilbert:2010:ACE

[61] Henri Gilbert, editor. *Advances in cryptology — Eurocrypt 2010: 29th annual international conference on the theory and applications of cryptographic techniques, Monaco, May 30–June 3, 2010. Proceedings*, volume 6110 of *Lecture notes in computer science*. Springer-Verlag Inc., New York, NY, USA, 2010. ISBN 3-642-13189-1 (softcover). LCCN ????

Gollmann:2010:SCR

[62] Dieter Gollmann, Jean-Louis Lanet, and Julien Iguchi-Cartigny, editors. *Smart card research and advanced application: 9th IFIP WG 8.8/11.2 International Conference, CARDIS 2010, Passau, Germany, April 14–16, 2010: proceedings*, volume 6035 of *Lecture Notes in Computer Science*. Springer, Berlin, Germany, 2010. ISBN 3-642-12509-3 (paperback). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN TK7895.S62 C36 2010.

Gong:2010:PCI

[63] Guang Gong and Kishan Chand Gupta, editors. *Progress in cryptology — Indocrypt 2010: 11th international conference on cryptology in India, Hyderabad, India, December 12–15, 2010. Proceedings*, volume 6498 of *Lecture notes in computer science*. Springer-Verlag Inc., New York, NY, USA, 2010. ISBN 3-642-17400-0 (softcover). LCCN ????

Heng:2010:CNS

[64] Swee-Huay Heng, Rebecca N. Wright, and Bok-Min Goi, editors. *Cryptology and network security: 9th international conference, CANS 2010, Kuala Lumpur, Malaysia, December 12–14, 2010. Proceedings*, volume 6467 of *Lecture notes in computer science*. Springer-Verlag Inc., New York, NY, USA, 2010. ISBN 3-642-17618-6 (softcover). LCCN ????

Lee:2010:ISC

[65] Donghoon Lee and Seokhie Hong, editors. *Information, security and cryptology – ICISC 2009: 12th international conference, Seoul, Korea, December 2–4, 2009, revised selected papers*, volume 5984 of *Lecture notes in computer science*. Springer-Verlag Inc., New York,

NY, USA, 2010. ISBN 3-642-14422-5 (softcover). LCCN ????

Pieprzyk:2010:TCC

[66] Josef Pieprzyk, editor. *Topics in cryptology — CT-RSA 2010: the 10th cryptographers' track at the RSA conference 2010, San Francisco, CA, USA, March 1–5, 2010. Proceedings*, volume 5985 of *Lecture notes in computer science*. Springer-Verlag Inc., New York, NY, USA, 2010. ISBN 3-642-11924-7 (softcover). LCCN ????

Rabin:2010:ACC

[67] Tal Rabin, editor. *Advances in cryptology — Crypto 2010: 30th annual cryptology conference, Santa Barbara, CA, USA, August 15–19, 2010. Proceedings*, volume 6223 of *Lecture notes in computer science*. Springer-Verlag Inc., New York, NY, USA, 2010. ISBN 3-642-14622-8 (softcover). LCCN ????

Sendrier:2010:PQC

[68] Nicolas Sendrier, editor. *Post-Quantum Cryptography: Third International Workshop, PQCrypto 2010, Darmstadt, Germany, May 25–28, 2010. Proceedings*, volume 6061 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 2010. ISBN 3-642-12928-5. LCCN QA76.9.A25 2010.

Fukuda:2010:MSI

[69] Komei Fukuda, Joris van der Hoeven, Michael Joswig, and Nobuki Takayama, editors. *Mathematical software — ICMS 2010: third International Congress on Mathematical Software, Kōbe, Japan, September 13–17, 2010: proceedings*, volume 6327 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 2010. ISBN 3-642-15581-2 (paperback), 3-642-15582-0 (e-book). LCCN QA76.95 .I5654 2010. URL http://www.springerlink.com/content/978-3-642-15581-9.