Lista (Incompleta) de Referencias a mis Publicaciones

No he incluido referencias a artículos mios aparecidas en otros artículos mios.

En algn caso la publicación de la cita es anterior a la publicación del trabajo citado. En esos casos, la cita es a una versión aun no publicada del trabajo.

Algunos artculos han sido publicados primero en conferencia, y posteriormente, una versión mejorada del mismo, en revista. En esos casos no diferencio entre una versión y la otra (en algunos, son citadas ambas versiones).

Las indicaciones "SCI", "citeseer" y "Elsevier" señalan la fuente de información utilizada para recopilar la cita. En los casos en que no se indica nada, éstas se obtuvieron tras la lectura del artculo donde aparece la cita.

- **Maria Luisa Bonet (1991). "The Lengths of Propositional Proofs and the Deduction Rule". Tesis Doctoral, University of California, Berkeley, California, USA.**

  1. Samuel Buss (1996). "Lectures on Proof Theory". *Technical Report No. SOCS-96.1.* Computer Science. McGill University. Estas son las notas del Workshop on Complexity Theory que se dió en Bellairs Research Institute (Barbados) de McGill University.
  2. Michael Alekhnovich, Samuel R. Buss, Shlomo Moran y Toniann Pitassi (1998). "Minimum Propositional Proof Length is NP-Hard to Linearly Approximate". *Proc. of the 23rd International Symposium on Mathematical Foundations of Computer Science (MFCS'98)*, Brno, República Checa. Lecture Notes in Computer Science 1450. Springer. Pág. 176–184. citeseer
  3. Chris Pollett (1998). "A propositional proof system for R_2^i". Sam Buss (editor). *Proceedings of the DIMACS workshop on Feasible Arithmetics and Complexity of Proofs.* AMS DIMACS series in Discrete Mathematics and Theoretical Computer Science, vol. 39. citeseer
  4. Samuel Buss (1999). "Propositional Proof Complexity: An Introduction." Berger and Schwichtenbert (editores). *Computational Logic.* Springer-Berlag. Pág. 127–178.
  5. Michael Alekhnovich, Sam Buss, Shlomo Moran y Toniann Pitassi (2001). "Minimal Propositional Proof Length is NP-Hard to Linearly Approximate". *Journal of Symbolic Logic* 66(1): 171–191. SCI

- **Maria Luisa Bonet, Samuel R. Buss (1991). “On the deduction rule and the number of proof lines”. En *Proc. of the Sixth Annual IEEE Symposium on Logic in Computer Science (LICS’91)*, páginas 286–297. IEEE Computer Society Press.**

  1. Mikkel Thorup (1997). “Parallel Short Cutting of Rooted Trees”. *Journal of Algorithms* 23(1): 139–159. SCI

- **Maria Luisa Bonet (1993). “Number of Symbols in Frege Proofs with and without the Deduction Rule”. En Clote, P. y Krajíček, J., (editores), *Arithmetic, Proof Theory and Computational Complexity*, páginas 61–95. Oxford University Press.**

  1. Peter Clote y Jan Krajicek (1993). “Open Problems: Arithmetic, Proof Theory and Computational Complexity”. Peter Clote y Jan Krajíček (editores). *“Arithmetic, Proof Theory and Computational Complexity”*. Oxford University Press.
  2. Samuel R. Buss (1995). “Some Remarks on Lengths of Propositional Proofs”. *Archive for Mathematical Logic*, 34(6):377–394. citeseer SCI
  3. Jan Krajicek (1995). “Bounded arithmetic, propositional logic and complexity theory”. *“Encyclopedia of Mathematics and Its Applications”*, vol. 60, Cambridge University Press, Cambridge - New York - Melbourne.
  4. Jan Krajicek (1995). “On Frege and extended Frege proof systems”. P. Clote y J. Remmel (editores). *“Feasible Mathematics II”*. Birkhauser. Pág. 284–319. citeseer
  5. Samuel R. Buss (1995). “On Gödel’s Theorems on Lengths of Proofs II: Lower Bounds for Recognizing k Symbol Provability”. P. Clote y J. Remmel (editores). *“Feasible Mathematics II”*. Birkhauser. Pág. 57–90. citeseer

- **Maria Luisa Bonet, Samuel R. Buss (1993). “The Deduction Rule and Linear and Near-linear Proof Simulations”. *Journal of Symbolic Logic*, 58(2):688–709.**

  1. Toniann Pitassi (1992). “The Power of Weak Formal Systems”. *Tesis Doctoral.* University of Toronto.

2. Toniann Pitassi, Paul Beame y Russell Impagliazzo (1993). "Exponential lower bounds for the pigeonhole principle". *Computational Complexity*, 3:97–140.
3. Samuel R. Buss (1995). "Some Remarks on Lengths of Propositional Proofs". *Archive for Mathematical Logic*, 34(6):377–394. citeseer SCI
4. Samuel R. Buss (1995). "On Godel's Theorems on Lengths of Proofs II: Lower bounds for recognizing k symbol provability". P. Clote y J. Remmel (editores). *"Feasible Mathematics II"*. Birkhauser. Pág. 57–90.
5. Jan Krajicek (1995). "Bounded arithmetic, propositional logic and complexity theory". *"Encyclopedia of Mathematics and Its Applications"*, vol. 60, Cambridge University Press, Cambridge - New York - Melbourne.
6. Pavel Pudlák (1998). "The Lengths of Proofs." Capítulo VIII del *Handbook of Proof Theory"*. Samuel Buss (editor). Studies in Logic and the Foundations of Mathematics, vol. 137. Elsevier.

- **Maria Luisa Bonet, Samuel R. Buss (1994). "Size-Depth Tradeoffs for Boolean Fomulae". *Information Processing Letters*, 49(3):151–155.**

1. Samuel Buss (1996). "Lectures on Proof Theory". *Technical Report No. SOCS-96.1.* Computer Science. McGill University. Estas son las notas del Workshop on Complexity Theory que se dió en Bellairs Research Institute (Barbados) de McGill University.
2. Petr Savicky (1997). "Complexity and Probability of some Boolean Formulas". *Electronic Colloquium on Computational Complexity (ECCC)*, 4(57). citeseer
3. Samuel Buss (1999). "Propositional Proof Complexity: An Introduction". Berger and Schwichtenberg (editores). *"Computational Logic"*. Springer-Verlag. Pág. 127–178.
4. Oliver Giel (2001). "Branching Program-Size Is Almost Linear in Formula Size". *Journal of Computer and System Sciences*, 63(2): 222–235. SCI Elsevier
5. Peter Clote y Evangelos Kranakis (2002). *"Boolean Functions and Computation Models"*. Springer-Verlag.

- **Maria Luisa Bonet, Samuel R. Buss (1995). "The Serial Transitive Closure Problem for Trees". *SIAM Journal on Computing*, 24(1):109–122.**

1. Hans L. Bodlaender, Gerard Tel y Nicola Santoro (1994). "Trade-offs in non-reversing diameter". *Nordic Journal of Computing*, 1(1): 111–134. citeseer

- **Maria Luisa Bonet, Samuel R. Buss y Tonian Pitassi (1995). "Are there hard examples for frege proof systems?". En Clote, P. y Remmel, J., (editores), *Feasible Mathematics II*, páginas 30–56. Birkhauser, Boston.**

1. Samuel R. Buss (1995). "Bounded Arithmetic and Propositional Proof Complexity". *Proc. of a 1995 NATO Summer School.* Marktoberdorf, Germany. citeseer
2. Jan Krajicek (1995). "Bounded arithmetic, propositional logic and complexity theory". *Encyclopedia of Mathematics and Its Applications*, vol. 60, Cambridge University Press, Cambridge - New York - Melbourne.
3. Jan Krajicek (1995). "On Frege and extended Frege proof systems". P. Clote y J. Remmel (editores). *"Feasible Mathematics II"*. Birkhauser. Pág. 284–319. citeseer
4. Samuel R. Buss (1997). "Bounded Arithmetic and Propositional Proof Complexity". H. Schwichtenbert (editor). *"Logic of Computation"*. Springer-Verlag.
5. Stephen Cook (1998). "Relating the provable collapse of the P to NC^1 and the power of logical theories". Sam Buss (editor). *Proceedings of the DIMACS workshop on Feasible Arithmetics and Complexity of Proofs.* AMS DIMACS series in Discrete Mathematics and Theoretical Computer Science, vol. 39. citeseer
6. Jeremy Avigad (1998). "Plausibly hard combinatorial tautologies". Sam Buss (editor). *Proceedings of the DIMACS workshop on Feasible Arithmetics and Complexity of Proofs.* AMS DIMACS series in Discrete Mathematics and Theoretical Computer Science, vol. 39.
7. Paul Beame, Toniann Pitassi (1998). "Propositional Proof Complexity: Past, Present and Future." *Bulletin of the European Association for Theoretical Computer Science*, 65:66–89.
8. Noriko Arai (2000). "A Bounded Arithmetic Aid for Frege Systems" *Annals of Pure and Applied Logic*, 103(1-3):155–199. SCI
9. Noriko Arai (2000). "Tractability of Cut-free Gentzen Type Propositional Calculus with Permutation Inference". *Theoretical Computer Science*, 243(1-2):185–197. SCI

10. Michael Soltys y Stephen Cook (2002). "The Proof Complexity of Linear Algebra." *Proceedings of the seventeenth Annual IEEE Symposium on Logic in Computer Science (LICS'02)*, Copenhagen, Denmark. Páginas 335–344.
11. Michael Soltys y Stephen Cook (2004). "The Proof Complexity of Linear Algebra." *Annals of Pure and Applied Logic*, 130(1-3): 277-323.

- **Maria Luisa Bonet, Toniann Pitassi, Ran Raz (1995). "Lower Bounds for Cutting Planes Proofs with Small Coefficients". En *Proc. of the 27th Annual ACM Symposium on the Theory of Computing (STOC'95)*, páginas 575–584, Las Vegas, Nevada, USA. ACM.**
- **Maria Luisa Bonet, Toniann Pitassi, Ran Raz (1997) "Lower Bounds for Cutting Planes Proofs with Small Coefficients". *Journal of Symbolic Logic*, 62(3):708–728.**

1. Alexander Razborov y Steven Rudich (1994). "Natural Proofs". En: *Proc. of the 26-th Annual ACM Symposium on Theory of Computing, (STOC'94)*. Pág. 204–213. citeseer
2. Jan Krajicek (1995). "Bounded arithmetic, propositional logic and complexity theory". *Encyclopedia of Mathematics and Its Applications*, vol. 60, Cambridge University Press, Cambridge - New York - Melbourne.
3. Jan Krajícek y Pavel Pudlák (1995). "Some Consequences of Cryptographical Conjectures for S_1^2 and EF". En *Logic and Computational Complexity*, D. Leivant (editor), Lecture Notes in Computer Science 960. Pág. 210–220. citeseer
4. Jan Krajícek (1995). "On methods for proving lower bounds in propositional logic". En *Proc. of the Tenth International Congress on Logic, Methodology and Philosophy of Science*, M. L. Dalla Chiara, K. Doets, D. Mundici, J. van Benthem (editores). International Union of History and Philosophy of Science. Florence. citeseer
5. Alexander Razborov (1996). "Lower Bounds for Propositional Proofs and Independence Results in Bounded Arithmetic". En *Proceedings of the 23rd International Colloquium on Automata, Languages and Programming (ICALP)*. Lecture Notes in Computer Science, 1099. Pág. 48–62.
6. Xudong Fu (1996). "Modular Coloring Formulas are Hard for Cutting Planes Proofs". En *Proc. of the 28th ACM Symposium on the Theory of Computing (STOC'96)*. Pág. 595–601.

7. Samuel Buss (1996). "Lectures on Proof Theory". *Technical Report No. SOCS-96.1.* Computer Science. McGill University. Estas son las notas del Workshop on Complexity Theory que se dió en Bellairs Research Institute (Barbados) de McGill University.

8. S. Buss, R. Impagliazzo, J. Krajicek, P. Pudlák, A. A. Razborov y J. Sgall (1997). "Proof complexity in algebraic systems and bounded depth Frege systems with modular counting". *Computational Complexity* 6(3):256–298. SCI

9. Alexander Razborov y Steven Rudich (1997). "Natural Proofs". *J. of Computer and System Science* 55(1): 24–35. SCI

10. Arnold Rosenblum (1997). "Monotone real circuits are more powerful than monotone boolean circuits." *Information Processing letters* 61(3): 161–164. SCI

11. Ran Raz y Pierre McKenzie (1997). "Separation of the Monotone NC Hierarchy". En: *Proc. of the 38th IEEE Symposium on Foundations on Computer Science (FOCS'97).* Pág. 234–243.

12. Jan Krajícek (1997). "Interpolation theorems, lower bounds for proof systems and independence results for bounded arithmetic". *Journal of Symbolic Logic* 62(2): 457–486. SCI

13. Jan Johannsen (1997). "Lower bounds for Monotone Real Circuit depth and Formula Size and tree-like Cutting Planes." *Electronic Colloquium on Computational Complexity (ECCC)* 4(32). citeseer

14. Pavel Pudlák (1997). "Lower bounds for resolution and cutting planes proofs and monotone computations". *Journal of Symbolic Logic* 62(3): 981–998. SCI

15. Stasys Jukna (1997). "Finite Limits and Monotone Computations:The Lower Bounds Criterion". En *Proc. of the 12th IEEE Conference on Computational Complexity.* Pág. 302–313. citeseer

16. Toniann Pitassi (1997). "Algebraic Propositional Proof Systems". En *Descriptive Complexity and Finite Models.* N. Immerman y P. G. Kolaitis (editores). Dimacs Series in Discrete Mathematics and Theoretica Computer Science, vol. 31. Pág. 214–244.

17. Jan Krajícek y Pavel Pudlák (1998). "Some Consequences of Cryptographical Conjectures for S_1^2 and EF". *Information and Computation* 140(1): 82–94. SCI

18. Paul Beame, Richard M. Karp, Toniann Pitassi, Michael E. Saks (1998). "On the Complexity of Unsatisfiability Proofs for Random k-CNF Formulas". En *Proc. of the ACM Symposium on the Theory of Computin (STOC'98).* Pág. 561–571. citeseer

19. Paul Beame y Toniann Pitassi (1998). “Propositional Proof Complexity:Past, Present and Future”. *Bulletin of the European Association for Theoretical Computer Science* 65: 66–89.

20. Xudong Fu (1998). “Lower bounds on sizes of monotone circuits and cutting planes proofs”. Sam Buss (editor). *Proceedings of the DIMACS workshop on Feasible Arithmetics and Complexity of Proofs.* AMS DIMACS series in Discrete Mathematics and Theoretical Computer Science, vol. 39.

21. Arnold Rosenblum (1998). “A simplified monotone real lower bound for $CLIQUE_{n,k}$”. Sam Buss (editor). *Proceedings of the DIMACS workshop on Feasible Arithmetics and Complexity of Proofs.* AMS DIMACS series in Discrete Mathematics and Theoretical Computer Science, vol. 39.

22. Jan Johannsen (1998). “Lower bounds for Monotone Real Circuit depth and Formula Size and tree-like Cutting Planes.” *Information Processing Letters* 67(1): 37–41.

23. Stasys Jukna (1998). “Exponential lower bounds on the size of clause based semantic derivations”. Sam Buss (editor). *Proceedings of the DIMACS workshop on Feasible Arithmetics and Complexity of Proofs.* AMS DIMACS series in Discrete Mathematics and Theoretical Computer Science, vol. 39. citeseer

24. Jan Krajícek (1998). “Discretely ordered modules as a first-order extension of the cutting planes proof system”. *J. of Symbolic Logic* 63(4): 1582–1596. citeseer SCI

25. Alexis Maciel (1998). “Towards lower bounds for bounded-depth Frege proofs with modular connectives”. Sam Buss (editor). *Proceedings of the DIMACS workshop on Feasible Arithmetics and Complexity of Proofs.* AMS DIMACS series in Discrete Mathematics and Theoretical Computer Science, vol. 39.

26. Pavel Pudlák y Jiri Sgall (1998). “Algebraic models of computation and interpolation for algebraic proof systems”. Sam Buss (editor). *Proceedings of the DIMACS workshop on Feasible Arithmetics and Complexity of Proofs.* AMS DIMACS series in Discrete Mathematics and Theoretical Computer Science, vol. 39. 1998. Pág. 279–295.

27. Pavel Pudlák (1998). “The Lengths of Proofs.” Capítulo VIII del *Handbook of Proof Theory.* Samuel Buss (editor). Studies in Logic and the Foundations of Mathematics, vol. 137. Elsevier.

28. Ran Raz y Pierre McKenzie (1999). “Separation of the Monotone NC Hierarchy”. *Combinatorica* 19(3): 403–435. SCI

29. Stasys Jukna (1999). “Combinatorics of Monotone Computations”. *Combinatorica* 19(1): 65–85. SCI

30. Armin Haken y Stephen Cook (1999). "An Exponential Lower Bound for the Size of Monotone Real Circuits". *Journal of Computer and System Science* 58(2): 326–335. citeseer SCI

31. Noriko Arai (1999). "No Feasible Monotone Interpolation for Cut-free Gentzen Type Propositional Calculus with Permutation Inference". En *Combinatorics, Computation and Logic '99*, C. Calude y M. Dinneen (editores). Pág. 106–116. citeseer

32. Samuel Buss (1999). "Propositional Proof Complexity: An Introduction". En *"Computational Logic"*, Berger and Schwichtenberg (editores). Springer-Berlag. Pág. 127–178.

33. Freidrich Eisenbrand y Andreas Schulz (1999). "Bounds on the Chvátal Rank of Polytopes in the 0/1-Cube". En *Proc. of the 7th International Conference in Integer Programming and Combinatorial Optimization (IPCO'99)*, G. Cornuéjols et al. (editores). Pág. 137–150. citeseer

34. Pavel Pudlák (1999). "On the complexity of the propositional calculus." *Invited Papers from the Logic Colloquium '97*, Cambridge University Press. Pág. 197–218.

35. Noriko Arai (2000). "No Feasible Monotone Interpolation for Simple Combinatorial Reasoning." *Theoretical Computer Science* 238(1-2): 477–482. citeseer SCI

36. Noriko Arai (2000). "Tractability of Cut-free Gentzen Type Propositional Calculus with Permutation Inference". *Theoretical Computer Science* 243(1-2): 185–197.

37. Albert Atserias, Nicola Galesi y Ricard Gavalda (2000). "Monotone Proofs of the Pigeon Hole Principle". En *International Colloquium on Automata, Languages and Programming (ICALP'00).* Lecture Notes in Computer Science 1853. Pág. 151–162. citeseer

38. Heidi Dixon y Matthew Ginsberg (2000). "Combining satisfiability techniques from AI and OR". *Knowledge Engineering Review* 15(1): 31–45. citeseer SCI

39. Andreas Goerdt (2000). "Complexity of the intuitionistic sequent calculus" *Technical Report CSR-00-02.* Technische Universitat Chemnitz. citeseer

40. Albert Atserias, Nicola Galesi y Ricard Gavalda (2001). "Monotone Proofs of the Pigeon Hole Principle". *Mathematical Logic Quarterly* 47(4): 461–474. SCI

41. Paul Dunne y T.J.M Bench-Capon (2001). "Two party Immediate Response Disputes: Properties and Efficieny." *Technical report ULCS-01-005.* Dept. of Comp. Sci., Univ. of Liverpool. citeseer

42. Sanjeev Arora, Béla Bollobás y László Lovász (2002). “Proving integrality gaps without knowing the linear program”. En *Proc. of the IEEE Foundations of Computer Science (FOCS)* citeseer
43. Paul Beame, Richard Karp, Toniann Pitassi y Michael Saks (2002). “The Efficiency of Resolution and Davis-Putnam Procedures”. *SIAM Journal of Computing*, 31(4): 1048–1075. SCI
44. Dima Grigoriev, Edward A. Hirsch y Dmitrii V. Pasechnik (2002). “Complexity of Semi-algebraic Proofs”. En *Proc. of the Symposium on Theoretical Aspects of Computer Science (STACS’02)*. Pág. 419–430. citeseer
45. F. Eisenbrand y A. S. Schulz (2003). “Bounds on the Chvatal rank of polytopes in the 0/1-cube”. *Combinatorica*, 23(2): 245–261. SCI
46. Paul E. Dunne y T. J. M. Bench-Capon (2003). “Two party immediate response disputes: Properties and efficiency”. *Artificial Intelligence*, 149(2): 221–250. SCI
47. H. E. Dixon, M. L. Ginsberg y A. J. Parkes (2004). “Generalizing Boolean satisfiability I: Background and survey of existing work”. *Journal of Artificial Intelligence Research*, 21: 193–243. SCI
48. A. A. Razborov (2004). “Feasible proofs and computations: Partnership and fusion”. En *Proc. of the 19th Annual IEEE Symp. on Logic in Computer Science (LICS’04)*. Pág. 134–138.
49. Alexander A. Razborov (2004). “Feasible proofs and computations: Partnership and fusion (invited talk)”. En *Proc. of the 31th Int. Colloquium on Automata, Languages and Programming (ICALP’04)*, Turku, Finland. Lecture Notes in Computer Science, 3142. Pág. 8–14. SCI

- **Maria Luisa Bonet, Cynthia A. Phillips, Tandy Warnow y Shibu Yooseph (1996). “Constructing Evolutionary Trees in the Presence of Polymorphic Characters”. En *Proc. of the 28th Annual ACM Symposium on the Theory of Computing (STOC’96)*, páginas 220–229, Philadelphia, Pennsylvania, USA. ACM.**
- **Maria Luisa Bonet, Cynthia A. Phillips, Tandy Warnow y Shibu Yooseph (1999). “Constructing Evolutionary Trees in the Presence of Polymorphic Characters”. *SIAM Journal on Computing*, 29(1):103–131.**

1. Tandy Warnow, Donald Ringe y Ann Taylor (1996). “Reconstructing the Evolutionary History of Natural Language.” *Proc. of the ACM-SIAM Symposium on Discrete Algorithms (SODA’96)*. Pág. 314–322. citeseer

2. Mary Elisabeth Cryan, Leslie Ann Goldberg y Cynthia Phillips (1997). "Approxiation Algorithms for the Fixed-Topology Phylogenetic Number Problem." *Proceedings of the 8th Annual Symposium on Combinatorial Pattern Matching.* LNCS 1264. Pág. 130–149. citeseer SCI

3. Tandy Warnow (1997). "Mathematical Approaches to Comparative Linguistics". *Proc. of the National Aademy of Sciences of the United States of America*, 94(13):6585–6590. SCI

4. Daniel Huson, Scott Nettles, Laxmi Parida, Tandy Warnow y Shibu Yooseph (1998). "The Disk-Covering Method for Tree Reconstruction." *Proceedings of the Workshop on Algorithms and Experiments (ALEX'98)*, Trento, Italy. Pág.9–11. citeseer

5. Mary Elisabeth Cryan (1999). "Learning and Approximation Algorithms for Problems motivated by Evolutionary Trees." Report CS-RT-373. Conventry, UK. citeseer

6. Mary Elisabeth Cryan, Leslie Ann Goldberg y Cynthia Phillips (1999). "Approxiation Algorithms for the Fixed-Topology Phylogenetic Number Problem." *Algorithmica*, 25(2-3):311–329. SCI

7. Sunhyong Kim y Tandy Warnow (1999). "Tutorial on Phylogenetic Tree Estimation." Department of Ecology and Evolutionary Biology. Yale University, citeseer

8. Donald Ringe, Tandy Warnow y Ann Taylor (2002). "Indo-European and computational cladistics." *Transactions of the Philological Society*, 100(1): 59–129. SCI

- **Maria Luisa Bonet, Toniann Pitassi y Ran Raz (1997). "No Feasible Interpolation for TC^0-Frege Proofs". En *Proc. of the 38th Annual IEEE Symposium on Foundations of Computer Science (FOCS'97)*, páginas 254–263, Miami Beach, Florida, USA.**

- **Maria Luisa Bonet, Toniann Pitassi y Ran Raz (2000). "On Interpolation and Automatization for Frege Proof Systems". *SIAM Journal on Computing*, 29(6):1939–1967.**

1. Michael Alekhnovich, Samuel R. Buss, Shlomo Moran y Toniann Pitassi (1998). "Minimum Propositional Proof Length is NP-Hard to Linearly Approximate". *Proc. of the 23rd International Symposium on Mathematical Foundations of Computer Science (MFCS'98)*, Brno, República Checa. Lecture Notes in Computer Science 1450. Springer. Pág. 176–184. citeseer

2. Paul Beame y Toniann Pitassi (1998). "Propositional Proof Complexity:Past, Present and Future." *Bulletin of the European Association for Theoretical Computer Science*, 65:66–89.

3. Pavel Pudlák (1998). "The Lengths of Proofs." Capítulo VIII del *Handbook of Proof Theory.* Samuel Buss (editor). Studies in Logic and the Foundations of Mathematics, vol. 137. Elsevier. Pág. 547–637.

4. Jan Johannsen (1999). "Weak Bounded Arithmetic, the Diffie-Hellman problem and Constable's class K." *Proc. of the 14th Annual IEEE Symposium on Logic in Computer Science (LICS'99)*, Trento, Italy. Pág. 268–274.

5. Pavel Pudlák (1999). "On the complexity of the propositional calculus." *Invited Papers from the Logic Colloquium '97*, Cambridge University Press. Pág. 197–218.

6. Paolo Liberatore (2000). "On the complexity of choosing the branching literal in DPLL". *Artificial Intelligence*, 116(1-2):315–326. SCI

7. C. Pollett (2000). "Multifunction Algebras and the Provability of pH Down-Arrow". *Annals of Pure and Applied Logic*, 104(1-3):279–303. SCI

8. Michael Alekhnovich y Alexander A. Razborov (2001). "Resolution is Not Automatizable Unless $W[P]$ is Tractable". *Proc. of the 42nd Annual IEEE Symposium on Foundations of Computer Science (FOCS'01)*, Las Vegas, Nevada, USA. Pág. 210–219. citeseer

9. Michael Alekhnovich, Samuel R. Buss, Shlomo Moran y Toniann Pitassi (2001). "Minimal Propositional Proof Length is NP-Hard to Linearly Approximate". *Journal of Symbolic Logic*, 66(1):171–191. SCI

10. Samuel Buss y Pavel Pudlák (2001). "On the Computational Content of Intuitionistic Proofs." *Annals of Pure and Applied Logic*, 109:9–14.

11. Pavel Pudlák (2001). "On Reducibility and simetry of disjoint NP-pairs". *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science (MFCS'01)*, Marianske Lazne, Czech Republic. Lecture Notes in Computer Science, 2136. Pág. 621–632. SCI

12. Michael Soltys y Stephen Cook (2002). "The Proof Complexity of Linear Algebra." *Proceedings of the seventeenth Annual IEEE Symposium on Logic in Computer Science (LICS'02)*, Copenhagen, Denmark. Páginas 335–344.

13. Michael Alekhnovich, Alexander A. Razborov (2002). "Satisfiability, Branchwidth and Tseitin Tautologies". *Proc. of the 43rd IEEE Symposium on Foundations of Computer Science (FOCS'02)*, Vancouver, BC, Canada. Pág. 593–603. citeseer

14. Juan Luis Esteban, Nicola Galesi y Jochen Messner (2002). "On the Complexity of Resolution with Bounded Conjunctions." *Proc. of the 29th international*

Colloquium on Automata, Languages and Programming (ICALP'02), Málaga, Spain. Lecture Notes in Computer Science, 2380. Pág. 220–231. SCI

15. Pavel Pudlák (2003). "On reducibility and symmetry of disjoint NP pairs". *Theoretical Computer Science*, 295(1–3): 323–339. SCI

16. Alexander A. Razborov (2003). "Propositional proof complexity". *Journal of the ACM*, 50(1): 80–82. SCI

17. Juan Luis Esteban, Nicola Galesi y Jochen Messner (2004). "On the Complexity of Resolution with Bounded Conjunctions." *Theoretical Computer Science*, 321(2-3): 347–370. SCI

18. Michael Soltys y Stephen Cook (2004). "The Proof Complexity of Linear Algebra." *Annals of Pure and Applied Logic*, 130(1-3): 277-323.

19. Alexander A. Razborov (2004). "Feasible proofs and computations: Partnership and fusion (invited talk)". En *Proc. of the 31th Int. Colloquium on Automata, Languages and Programming (ICALP'04)*, Turku, Finland. Lecture Notes in Computer Science, 3142. Pág. 8–14. SCI

20. Eugene Goldberg y Yakov Novikov (2004). "How good can a resolution based SAT-solver be?". *Proc. of the 6th International Conference on Theory and Applications of Satisfiability Testing (SAT'03)*, Santa Margherita Ligure, Italy. Lecture Notes in Computer Science, 2919. Pág. 37–52. SCI

- **Maria Luisa Bonet, Juan Luis Esteban, Nicola Galesi y Jan Johansen (1998). "Exponential Separations between Restricted Resolution and Cutting Planes Proof Systems". En *Proc. of the 39th Annual IEEE Symposium on Foundations of Computer Science (FOCS'98)*, páginas 638–647, Palo Alto, California, USA. IEEE Press.**

- **Maria Luisa Bonet, Juan Luis Esteban, Nicola Galesi y Jan Johansen (2000). "On the Relative Complexity of Resolution Refinements and Cutting Planes Proof Systems". *SIAM Journal on Computing*, 30(5):1462–1484.**

1. Eli Ben-Sasson y Avi Wigderson (1999). "Short proofs are narrow: Resolution made Simple (Abstract)" *Proceedings of the 14th Annual IEEE Conference on Computational Complexity*, Atlanta, Georgia, USA. Pág. 2.

2. Kazuo Iwama, Shuichi Miyazaki (1999). "Tree-like Resolution is Superpolynomially Slower than Dag-like Resolution for the Pigeonhole Principle." *Proc. of the 10th International Symposium on Algorithms and Computation*

*(ISAAC'99)*CChennai, India. Lecture Notes in Computer Science, 1741. Pág. 133–142. SCI

3. Noriko Arai (2000). "Relative Efficiency of Propositional Proof Systems: Resolution versus Cut-free LK." *Annals of Pure and Applied Logic*, 104(1-3):3–16. SCI

4. E. Ben-Sasson, Avi Wigderson y Russell Impagliazzo (2000). "Near Optimal Separations of General Resolution and Tree-like Resolution". *Electronic Colloquium on Computational Complexity*, 5.

5. Josh Buresh-Oppenheim, Matthew Clegg, Russell Impagliazzo, Toniann Pitassi (2000). "Homogeneization and the Polynomial Calculus". *Proc. of the 27th International Colloquium on Automata, Languages and Programming (ICALP'00)*, Geneva, Switzerland. Lecture Notes in Computer Science, 1853. Pág. 926–937. SCI

6. Eli Ben-Sasson (2001). "Expansions in Proof Complexity". Tesis Doctoral. Hebrew University, Israel. citeseer

7. Joshua Buresh-Oppenheim, David Mitchell, Toniann Pitassi (2001). "Linear and Negative Resolution are weaker than Resolution." *Electronic Colloquium on Computational Complexity(ECCC)*, 74.

8. Eli Ben-Sasson y Avi Wigderson (2001). "Short proofs are narrow: Resolution made Simple". *Journal of the ACM*, 48(2):149–169. SCI

9. Eugene Goldberg (2001). "Proving Unsatisfiability of CNFs Locally." *LICS 2001 Workshop on Theory and Applications of Satisfiability Testing (SAT2001).* Kautz y Selman (eds.). Elsevier

10. Michael Alekhnovich, Jan Johannsen, Toniann Pitassi y Alasdair Urquhart (2002). "An Exponential Separation between Regular and General Resolution." *Proceedings of the 34th ACM Symposium on the Theory of Computing (STOC'02)*, Montréal, Québec, Canada. Pág. 448–456.

11. Eli Ben-Sasson (2002). "Size-Space Tradeoffs for Resolution". *Proceedings of the 34th ACM Symposium on the Theory of Computing (STOC'02)*, Montréal, Québec, Canada. Pág. 457–464.

12. K. Iwama y S. Yamashita (2002). "A complete set of transformation rules for quantum Boolean circuits with CNOT gates". *Superlattices and Microstructures*, 31(2-4): 181–192. SCI

13. Peter Clote y Evangelos Kranakis (2002). *"Boolean Functions and Computation Models"*. Springer-Verlag.

14. Juan Luis Esteban, Nicola Galesi y Jochen Messner (2002). "On the Complexity of Resolution with Bounded Conjunctions." *Proc. of the 29th international*

Colloquium on Automata, Languages and Programming (ICALP'02), Málaga, Spain. Lecture Notes in Computer Science, 2380. Pág. 220–231. SCI

15. Josh Buresh-Oppenheim, Matthew Clegg, Russell Impagliazzo, Toniann Pitassi (2002). "Homogeneization and the Polynomial Calculus". *Computational Complexity*, 11(3-4): 91–108. SCI
16. Juan Luis Esteban y Jacobo Toran (2003). "A combinatorial characterization of treelike resolution space". *Information Processing Letters*, 87(6): 295–300. SCI
17. Henry Kautz y Bart Selman (2003). "Ten challenges redux: Recent progress in propositional reasoning and search". *Proc. of the 9th Int. Conf. on Principles and Practice of Constraint Programming (CP'03)*, Kinsale, Ireland. Lecture Notes in Computer Science, 2833. Pág. 1–18. SCI
18. K. Iwama y S. Yamashita (2003). "Transformation rules for CNOT-based quantum circuits and their applications". *New Generation Computing*, 21(4): 297–317. SCI
19. Juan Luis Esteban, Nicola Galesi y Jochen Messner (2004). "On the Complexity of Resolution with Bounded Conjunctions." *Theoretical Computer Science*, 321(2-3): 347–370. SCI

- **Maria Luisa Bonet, Mike Steel, Tandy Warnow y Shibu Yooseph (1998). "Better Methods for Solving Parsimony and Compatibility". En *Proc. of the Second Annual ACM Int. Conf. on Computational Molecilar Biology (RECOMB'98)*, páginas 40–49, New York, USA. ACM.**
- **Maria Luisa Bonet, Mike Steel, Tandy Warnow y Shibu Yooseph (1998). "Better Methods for Solving Parsimony and Compatibility". *Journal of Computational Biology*, 5(3):391–408.**

1. R.G. Downey y M.R. Fellows. *Parametrized Complexity.* Springer. Monographs in Computer Science.
2. A. Scorilas, M. H. Black, M. Talieri y E. P. Diamandis (2000). "Genomic Organization, Physical Mapping, and Expression Analysis of the Human Protein Arginine Methyltransferase-1 Gene". *Biochemical and Piophysical Research Communications*, 278(2):349–359. SCI
3. Andreas Scorilas, Margot H. Black, Maroulio Talieri y Eleftherios P. Diamandis (2003). "Genomic Organization, Physical Mapping, and Expression Analysis of the Human Protein Arginine Methyltransferase 1 Gene". *Biochemical and Biophysical Research Communications*, 278(2): 349–359. Elsevier SCI

4. Andreas Scorilas, Pui Ming Chiang, Dionyssios Katsaros, George M. Yousef y Eleftherios P. Diamandis (2003). “Molecular characterization of a new gene, CEAL1, encoding for a carcinoembryonic antigen-like protein with a highly conserved domain of eukaryotic translation initiation factors”. *Gene*, 310: 79–89. Elsevier SCI

5. Ganeshkumar Ganapathy, Vijaya Ramachandran y Tandy Warnow (2003). “Better hill-climbing searches for parsimony”. *Proc. of the Third International Workshop on Algorithms in Bioinformatics (WABI'03)*, Budapest, Hungary. Lecture Notes in Bioinformatics, 2812. Pág. 245–258. SCI

- **Maria Luisa Bonet, Carlos Domingo, Ricard Gavaldá, Alexis Maciel y Toniann Pitassi (1999). “Non-automatizability of Bounded-depth Frege Proofs”. En *Proc. of the 14th Annual IEEE Conference on Computational Complexity*, páginas 15–23, Atlanta, Georgia, USA. IEEE Press. (Aceptado para publicación en *Journal of Computational Complexity*).**

1. Michael Alekhnovich, Samuel R. Buss, Shlomo Moran y Toniann Pitassi (1998). “Minimum Propositional Proof Length is NP-Hard to Linearly Approximate”. *Proc. of the 23rd International Symposium on Mathematical Foundations of Computer Science (MFCS'98)*, Brno, República Checa. Lecture Notes in Computer Science 1450. Springer. Pág. 176–184.

2. Paul Beame y Toniann Pitassi (1998). “Propositional Proof Complexity: Past, Present and Future.” *Bulletin of the European Association for Theoretical Computer Science*, 65:66–89.

3. Albert Atserias, Nicola Galesi y Ricard Gavalda (2000) “Monotone Proofs of the Pigeon Hole Principle”. *Proc. of the 27th International Colloquium on Automata, Languages and Programming (ICALP 2000)*, Ginebra, Suiza. Lecture Notes in Computer Science 1853. Pág. 151–162.

4. Michael Alekhnovich y Alexander A. Razborov (2001). “Resolution is Not Automatizable Unless $W[P]$ is Tractable”. *Proc. of the 42nd Annual IEEE Symposium on Foundations of Computer Science (FOCS'01)*, Las Vegas, Nevada, USA. Pág. 210–219. citeseer

5. Michael Alekhnovich, Samuel R. Buss, Shlomo Moran y Toniann Pitassi (2001). “Minimal Propositional Proof Length is NP-Hard to Linearly Approximate”. *Journal of Symbolic Logic*, 66:171–191.

6. Albert Atserias, Nicola Galesi y Ricard Gavalda (2001). “Monotone Proofs of the Pigeon Hole Principle”. *Mathematical Logic Quarterly*, 47(4): 461–474. SCI

7. Peter Clote y Evangelos Kranakis (2002) *"Boolean Functions and Computation Models"*. Springer-Verlag.
8. Oliver Kullmann (2004). "Upper and Lower Bounds on the Complexity of Generalized Resolution and Generalized Constraint Satisfaction Problems." *Annals of Mathematics and Artificial Intelligence*, 40(3-4): 303–352. SCI
9. Alexander A. Razborov (2004). "Feasible proofs and computations: Partnership and fusion (invited talk)". En *Proc. of the 31th Int. Colloquium on Automata, Languages and Programming (ICALP'04)*, Turku, Finland. Lecture Notes in Computer Science, 3142. Pág. 8–14. SCI
10. Oliver Kullmann (submitted). "SAT Decision by Adding Colour to Matching Theory."

- **Maria Luisa Bonet y Nicola Galesi (1999). "A Study of Proof Search Algorithms for Resolution and Polynomial Calculus". En *Proc. of the 40th Annual IEEE Symposium on Foundations of Computer Science (FOCS'99)*, páginas 422–432, New York, NY, USA. IEEE Press.**

- **Maria Luisa Bonet y Nicola Galesi. "Optimality of size-width trade-offs for resolution". *Journal of Computational Complexity.***

1. Oliver Kullmann (1999). "Investigating a general hierarchy of polynomially decidable classes of CNF's based on short tree-like resolution proofs". *Electronic Colloquium on Computational Complexity (ECCC)*, 41. citeseer
2. Oliver Kullmann (2000). "An improved version of width restricted resolution". *Proc. of the Sixth International Symposium on Artificial Intelligence and Mathematics (AIMATH'00)*, Fort Lauderdale, Florida. citeseer
3. Michael Alekhnovich, Eli Ben-Sasson, Alexander A. Razborov, Avi Wigderson (2000). "Space Complexity in Propositional Calculus". *Proc. of the 32th Annual ACM Symposium on Theory of Computing (STOC'02)*, Portland, Oregon, USA. Pág. 358–367. citeseer
4. Michael Alekhnovich y Alexander A. Razborov (2001). "Resolution is Not Automatizable Unless $W[P]$ is Tractable". *Proc. of the 42nd Annual IEEE Symposium on Foundations of Computer Science (FOCS'01)*, Las Vegas, Nevada, USA. Pág. 210–219. citeseer
5. Eli Ben-Sasson y Avi Wigderson (2001). "Short Proofs Are Narrow - Resolution Made Simple". *Journal of the ACM*, 48(2):149–169. SCI citeseer

6. Eli Ben-Sasson (2001). "Expansions in Proof Complexity". Tesis Doctoral. Hebrew University, Israel. $\boxed{\text{citeseer}}$

   Michael Alekhnovich, Jan Johannsen, Toniann Pitassi y Alasdair Urquhart (2002). "An exponential separation between regular and general resolution". *Proc. of the 34th Annual ACM Symposium on Theory of Computing (STOC'02)*, Montréal, Québec, Canada. Pág. 448–456. $\boxed{\text{citeseer}}$

7. Michael Alekhnovich, Eli Ben-Sasson, Alexander A. Razborov, Avi Wigderson (2002). "Space Complexity in Propositional Calculus". *SIAM Journal of Computing*, 31(4):1184–1211. $\boxed{\text{citeseer}}\boxed{\text{SCI}}$

8. Michael Alekhnovich, Alexander A. Razborov (2002). "Satisfiability, Branchwidth and Tseitin Tautologies". *Proc. of the 43rd IEEE Symposium on Foundations of Computer Science (FOCS'02).* $\boxed{\text{citeseer}}$

9. Albert Atserias y Victor Dalmau (2002). "A Combinatorial Characterization of Resolution Width." *Electronic Colloquium of Computational Complexity (ECCC)*, 35. $\boxed{\text{citeseer}}$

10. Nate Segerlind, Samuel Buss y Russell Impagliazzo (2002). "A Switching Lemma for Small Restrictions and Lower Bounds for k-DNF Resolution." *Proceedings of the 43rd Annual Symposium on Foundations of Computer Science (FOCS)*, Vancouver, BC, Canada. Pág. 604–616.

11. Henry Kautz y Bart Selman (2003). "Ten challenges redux: Recent progress in propositional reasoning and search". *Proc. of the 9th Int. Conf. on Principles and Practice of Constraint Programming (CP'03)*, Kinsale, Ireland. Lecture Notes in Computer Science, 2833. Pág. 1–18. $\boxed{\text{SCI}}$

12. Stefan S. Dantchev y Soren Riis (2003). "On relativisation and complexity gap for resolution-based proof systems". *Proc. of the 17th International Workshop on Computer Science Logic (CSL'03)*, Vienna, Austria. Lecture Notes in Computer Science, 2803. Pág. 142-154. $\boxed{\text{SCI}}$

13. Oliver Kullmann (2004). "Upper and Lower Bounds on the Complexity of Generalized Resolution and Generalized Constraint Satisfaction Problems." *Annals of Mathematics and Artificial Intelligence*, 40(3-4): 303–352. $\boxed{\text{SCI}}$

14. Nate Segerlind, Samuel Buss y Russell Impagliazzo (2004). "A switching lemma for small restrictions and lower bounds for k-DNF resolution". *SIAM Journal on Computing*, 33(5): 1171–1200. $\boxed{\text{SCI}}$

15. Ashish Sabharwal, Paul Beame y Henry A. Kautz (2004). "Using Problem Structure for Efficient Clause Learning". *Proc. of the 6th International Conference on Theory and Applications of Satisfiability Testing (SAT'03)*, Santa Margherita Ligure, Italy. Lecture Notes in Computer Science, 2919. Pág. 242–256. $\boxed{\text{SCI}}$

16. N. Galesi y N. Thapen (2004). "The Complexity of Treelike Systems over l-local Formulae". *Proceedings of the 19th IEEE Conference of Computational Complexity (CCC).*

17. N. Galesi y N. Thapen. "Resolution and Pebbling Games". Manuscript.

- **Albert Atserias, Maria Luisa Bonet y Juan Luis Esteban (2001). "Lower Bounds for the Weak Pigeonhole Principle beyond Resolution". En *Proc. of the 28th international colloquium on Automata, Languages and Programming, (ICALP'01)*, volumen 2076 de *Lecture Notes in Computer Science*, páginas 1005–1016.**

- **Albert Atserias, Maria Luisa Bonet y Juan Luis Esteban (2002). "Lower Bounds for the Weak Pigeonhole Principle and Random Formulas beyond Resolution". *Information and Computation*, 176(2):136–152.**

1. Albert Atserias (2002). "Unsatisfiable random formulas are hard to certify". *Proc. of the 17th IEEE Symposium on Logic in Computer Science (LICS'02)*, Copenhagen, Denmark,. Pág. 325–334. citeseer

2. Josh Buresh-Oppenheim, Paul Beame, Toniann Pitassi, Ran Raz y Ashish Sabharwal (2002). "Bounded-depth Frege lower bounds for weaker pigeon hole principles." *Proc. of the 43rd IEEE Symposium on the Foundations of Computer Science (FOCS'02).* citeseer

3. Juan Luis Esteban, Nicola Galesi y Jochen Messner (2002). "On the Complexity of Resolution with Bounded Conjunctions." *Proc. of the 29th international Colloquium on Automata, Languages and Programming (ICALP'02)*, Malaga, Spain. Lecture Notes in Computer Science, 2380. Pág. 220–231.

4. Jan Johannsen y N. S. Narayanaswamy (2002). "An optimal lower bound for Resolution with 2-conjunctions." *Proc. of the 27th International Symposium on Mathematical Foundations of Computer Science (MFCS'02)*, Warsaw, Poland. Lecture Notes in Computer Science, 2420. Pág. 387–398.

5. Nate Segerlind, Samuel Buss y Russell Impagliazzo (2002). "A Switching Lemma for Small Restrictions and Lower Bounds for k-DNF Resolution." *Proceedings of the 43rd Annual Symposium on Foundations of Computer Science (FOCS'02)*, Vancouver, BC, Canada. Pág. 604–616.

6. Alexander A. Razborov (2002). "Proof Complexity of Pigeonhole Principles." *Proceedings of the 5th International Conference on Developments in Language Theory (DLT'02)*, Viena, Austria. Lecture Notes in Computer Science, 2295. Pág. 100–116. citeseer

7. Juan Luis Esteban, Nicola Galesi y Jochen Messner (2004). “On the complexity of resolution with bounded conjunctions”. *Theoretical Computer Science*, 321(2-3): 347–370. Elsevier SCI
8. Nate Segerlind, Samuel Buss y Russell Impagliazzo (2004). “A switching lemma for small restrictions and lower bounds for k-DNF resolution”. *SIAM Journal on Computing*, 33(5): 1171–1200. SCI
9. Albert Atserias (2004). “On sufficient conditions for unsatisfiability of random formulas”. *Journal of the ACM*, 51(2): 281–311. SCI
10. N. Galesi y N. Thapen (2004). “The Complexity of Treelike Systems over l-local Formulae”. *Proceedings of the 19th IEEE Conference of Computational Complexity (CCC).*

- **Albert Atserias y Maria Luisa Bonet (2002). “On the Automatizability of Resolution and Related Propositional Proof Systems”. En *Proceedings of the Annual Meeting of the European Association of Logic in Computer Science (CSL’02)*, volumen 2471 de *Lecture Notes in Computer Science*, páginas 569–583. Springer.**

1. Michael Alekhnovich y Alexander A. Razborov (2002). “Satisfiability, Branchwidth and Tseitin Tautologies.” *Proceedings of the 43rd IEEE Symposium on Foundations of Computer Science (FOCS’02).* citeseer
2. Albert Atserias y Victor Dalmau (2002). “A Combinatorial Characterization of Resolution Width.” *Electronic Colloquium of Computational Complexity (ECCC)*, (035). citeseer
3. Juan Luis Esteban, Nicola Galesi, Jochen Messner (2002). “On the Complexity of Resolution with Bounded Conjunctions.” *Proc. of the 29th international Colloquium on Automata, Languages and Programming (ICALP’02).* Lecture Notes in Computer Science, 2380. Pág. 220–231.
4. Jan Johannsen y N.S. Narayanaswamy (2002). “An optimal lower bound for Resolution with 2-conjunctions.” *Proc. of the 27th International Symposium on Mathematical Foundations of Computer Science (MFCS’02).* Pág. 387–398.
5. Nate Segerlind, Samuel Buss y Russell Impagliazzo (2002). “A Switching Lemma for Small Restrictions and Lower Bounds for k-DNF Resolution.” *Proceedings of the 43rd Annual Symposium on Foundations of Computer Science (FOCS’02).*
6. Juan Luis Esteban, Nicola Galesi y Jochen Messner (2004). “On the Complexity of Resolution with Bounded Conjunctions.” *Theoretical Computer Science*, 321(2-3): 347–370. SCI

7. Nate Segerlind, Samuel Buss y Russell Impagliazzo (2004). "A Switching Lemma for Small Restrictions and Lower Bounds for k-DNF Resolution." *SIAM Journal on Computing*, 33(5): 1171–1200. $\boxed{\text{SCI}}$

8. J. Krajicek (2004). "Dual weak pigeonhole principle, pseudo-surjective functions, and provability of circuit lower bounds". *Journal of Symbolic Logic*, 69(1): 265–286. $\boxed{\text{SCI}}$

9. N. Galesi y N. Thapen (2004). "The Complexity of Treelike Systems over l-local Formulae". *Proceedings of the 19th IEEE Conference of Computational Complexity (CCC).*

- **Albert Atserias, Maria Luisa Bonet y Jordi Levy. "On Chvatal Rank and Cutting Planes Proofs".** ***Aceptado en Theoretical Computer Science.***

1. J. Buresh-Oppenheim, N. Galesi, A. Magen, S. Hoory y T. Pitassi (2003). "Rank Bounds and Integrality Gaps for Cutting Planes Procedures". *Proceedings of the 44th IEEE Symposium on Foundations of Computer Science (FOCS-03)*, Boston, USA.