Curriculum Vitae

Lefteris M. Kirousis, Professor

Department of Computer Engineering and Informatics
University of Patras

Born: July 1951, Constantinople, Turkey.

Address: Department of Computer Engineering and Informatics, University of Patras, University Campus, Rio, GR-265 04 Patras, Greece.

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Education

1973: First academic degree; Department of Mathematics, National and Kapodistrian University of Athens.

1974: M.A.; Department of Mathematics, University of California, Los Angeles.

1978: Ph.D.; Department of Mathematics, University of California, Los Angeles (advisor: Y.N. Moschovakis).

Research interests (areas with published work)

Mathematical Logic and Foundations of Computer Science, Design and Analysis of Computer Algorithms, Computational Complexity, Distributed Computing, Computer Vision.

Teaching experience

Has taught at the University of California, Los Angeles (1974–1976, Teaching Assistant); the University of California at Santa Barbara (1984, Visiting Assistant Professor); the National Metsovian Technical University in Athens (1981-1982, Lecturer); the University of Crete (1979–1980, Lecturer); and the University of Patras (1982–present, Professor since 1992).

Has also taught at an inter-university post-graduate program on Logic and Theory of Algorithms and Computation (participating universities: National Metsovian Technical University in Athens, National and Kapodistrian University of Athens and University of Patras), at an inter-departmental post-graduate program on the Mathematics of Computers and Decision Making (participating departments: Department of Computer Engineering and Informatics

and Department of Mathematics of the University of Patras) and at the post-graduate program of the Department of Computer Engineering and Informatics of the University of Patras.

Courses taught: Logic, Algorithms, Complexity, Discrete Mathematics, Theory of Computation, Graph Theory, various introductory courses in both Mathematics and Computer Science and advanced research courses.

Ph.D. students

- Dr. Philippas Tsigas (1994, now at Chalmers University of Technology, Göteborg, Sweden),

- Dr. Dimitrios Thilikos (1995, now at the National and Kapodistrian University of Athens, Greece),

- Dr. Nick Dendris (1996, now at Intracom, Athens, Greece),

- Dr. Yannis Stamatiou (1997, now at the University of Ioannina, Greece),

- Dr. Elias Stavropoulos (2003, now at the Highest Technological Educational Institute of Patras, Greece), and

- Dr. Alexis Kaporis (2003, now at the Highest Technological Educational Institute of Mesologi, Greece).

Funded research or educational programs

- Insight II (Computer Vision, funded by E.U. under ESPRIT Basic Research, 1992–1994), site coordinator in Patras;

- ALCOM I and II (Computer Algorithms and Complexity, funded by E.U. under ESPRIT Basic Research, 1989–1995), key researcher;

- Galois and Socrates programs (exchange programs funded by E.U., 1992–1995), coordinator in Patras;

- DELIS (Dynamically Evolving Large-Scale Information Systems, funded by E.U. Commission under ICT FP6, 2004–2008), member of the Project Coordination Committee;

- FRONTS (Foundations of Adaptive Networked Societies of Tiny Artefacts, funded by E.U. Commission under ICT FP7, 2008–2011), basic researcher;

- RIMACO (Rigorous Mathematical Connections between the Theory of Computations and Statistical Physics, funded by the E.R.C. as a starting grant for D. Achlioptas, 2008–2013), senior assisting researcher;

- scientific coordinator of several national research or educational programs funded by the Ministry of Education and Religious Affairs of the Greek Government, the Greek General Secretariat of Research and Technology and by the University of Patras.

From 1999 to 2001 was the scientific coordinator of the funding project of the inter-departmental post-graduate program on Mathematics of Computers and Decision Making, jointly run by the Department of Mathematics and the Department of Computer Engineering and Informatics of the University of Patras.

Service to the community

Member of the program committee of the following international conferences and workshops:

- 3rd European Conference on Computer Vision, ECCV 1994 (Stockholm);

- 2nd Annual European Symposium on Algorithms, ESA 1994 (Utrecht);

- 11th International Workshop on Distributed Algorithms, WDAG 1997 (Delphi);

- 22nd, 23rd and 24th International Workshops on Graph-Theoretic Aspects of Computer Science, WG 1996 (Cadenabbia), WG 1997 (Berlin) and WG 1998 (Bratislava);

- Workshop on Randomized Algorithms in Sequential, Parallel, and Distributed Computing, RALCOM 1997 (Santorini);

- IEEE International Conference in Computer Vision, ICCV 1999 (Kerkyra);

- 2nd and 9th International Colloquia on Structural Information and Communication Complexity: SIROCCO 1995 (Olympia), co-chair with E. Kranakis, and SIROCCO 2002 (Andros), co-chair with Ch. Kaklamanis; member of the steering committee of this conference since 1995;

- Workshop on Typical-Case Complexity and Phase Transitions, held in conjunction with the IEEE Symposium on Logic in Computer Science, LICS 2003 (Ottawa), co-organizer with E. Kranakis;

- 5th, 7th and 8th International Symposia on Theory and Applications of Satisfiability Testing, SAT 2002 (Cincinnati, Ohio), SAT 2004 (Vancouver, BC) and SAT 2005 (St. Andrews, Scotland);

- Fourth Panhellenic Logic Symposium, PLS 2003 (Thessaloniki), chair of the scientific committee, member of the Steering Committee of PLS since 2005;

- 7th International Symposium on Logical Formalizations of Commonsense Reasoning, COMMONSENSE 2005 (Corfu);

- DELIS Workshop on Theoretical Aspects and Models of Large, Complex and Open Information Networks, DELIS-CompNet 2006 (Barcelona) and 2007 (Turin);

- 11th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, SYNASC 2009 (Timisoara);

- Conference on Probabilistic Techniques in Computer Science 2009 (Centre de Recerca Matemàtica, Bellaterra, Barcelona), co-organizer with J. Díaz and C. Martínez;

- Workshop on Mathematical Aspects of Large Networks, 2009 (Centre de Recerca Matemàtica, Bellaterra, Barcelona) co-organizer with J. Díaz and C. Martínez;

- 36th International Conference on Current Trends in Theory and Practice of Computer Science, SOFSEM 2010 (Špindlerův Mlýn, Czech Republic).

Guest editor (with Ch. Kaklamanis) of a special issue of *Theory of Computing Systems,* 36(6) (2003) that contains selected papers from SIROCCO 2002.

Guest editor (with E. Kranakis) of a special issue of *Discrete Applied Mathematics,* 153(1–3) (2005) that contains selected papers from the workshop on Typical-Case Complexity and Phase Transitions (Ottawa, 2003).

Member of the editorial board (2001–2004) of the *Journal of Artificial Intelligence Research JAIR*, electronic and print journal, Morgan Kaufmann Publishers.

Member of the editorial board (since 2004) of the *Journal on Satisfiability, Boolean Modeling and Computation JSAT* electronic journal. published by Delft University.

Has helped in the organization (either as a member of the organizing committee or otherwise) and paper selection (as a referee) of numerous other conferences. Has acted as a referee to numerous journals.

Publications

Papers in refereed international print journals and independently refereed paper collections (not conference proceedings)

J1 J. Díaz, A.C. Kaporis, L.M. Kirousis, G.D. Kemkes, X. Pérez, and N. Wormald, "On the chromatic number of a random 5-regular graph," *Journal of Graph Theory* 61(3) (2009) 157–191. pdf

J2 J. Díaz, L.M. Kirousis, D. Mitsche, and X. Pérez-Giménez, "On the satisfiability threshold of formulas with three literals per clause," *Theor. Comput. Sci.* 410(30-32) (2009) 2920–2934. pdf

J3 A.C. Kaporis, L.M. Kirousis, Y.C. Stamatiou, M. Vamvakari, and M. Zito, "The unsatisfiability threshold revisited," *Discrete Applied Mathematics* 155(12) (2007) 1525–1538. pdf

J4 G. Georgiadis and L.M. Kirousis, "Lightweight centrality measures in networks under attack," *ComPlexUs: Modelling in Systems Biology, Social, Cognitive and Information Sciences* 3 (2006) 147–157. pdf

J5 A.C. Kaporis, L.M. Kirousis, and Y.C. Stamatiou, "How to prove conditional randomness using the Principle of Deferred Decisions," in: A.G. Percus, G. Istrate and C. Moore, eds., *Computational Complexity and Statistical Physics* (Oxford University Press, New York, 2006) 179–194. ps

J6 L.M. Kirousis, Y.C. Stamatiou, and M. Zito, "The unsatisfiability threshold conjecture: the techniques behind upper bound improvements," in: A.G. Percus, G. Istrate and C. Moore, eds., *Computational Complexity and Statistical Physics* (Oxford University Press, New York, 2006) 159–178. pdf

J7 A.C. Kaporis, L.M. Kirousis, and E.G. Lalas, "The probabilistic analysis of a greedy satisfiability algorithm," *Random Structures and Algorithms* 28(4) (2006) 444–480. pdf

J8 L.M. Kirousis and Ph.G. Kolaitis, "A dichotomy in the complexity of propositional circumscription," *Theory of Computing Systems* 37(6) (2004) 695–715. pdf

J9 L.M. Kirousis and Ph.G. Kolaitis, "The complexity of minimal satisfiability problems," *Information and Computation* 187 (2003) 20–39. pdf

J10 L.M. Kirousis, E. Kranakis, D. Krizanc, and Y.C. Stamatiou, "Locating information with uncertainty in fully interconnected networks: the case of nondistributed memory", *Networks* 42(3) (2003) 169–180. pdf

J11 P. Bose, Ch. Kaklamanis, L.M. Kirousis, E. Kranakis, D. Krizanc, and D. Peleg, "Station layouts in the presence of location constraints," *Journal of Interconnection Networks* 3(1&2) (2002) 1–17. pdf

J12 A.C. Kaporis, L.M. Kirousis, E. Kranakis, D. Krizanc, Y.C. Stamatiou, and E.C. Stavropoulos, "Locating information with uncertainty in fully interconnected networks with applications to world wide web information retrieval," *The Computer Journal* 44(4) (2001) 221–229. pdf

J13 L.M. Kirousis, Y.C. Stamatiou, and M. Vamvakari, "Upper bounds and asymptotics for the q-binomial coefficients," *Studies in Applied Mathematics* 107(1) (2001) 43–62. pdf

J14 D. Achlioptas, L.M. Kirousis, E. Kranakis, and D. Krizanc, "Rigorous results for random $(2 + p)$-SAT," *Theoretical Computer Science* 265 (2001) 109–129. pdf

J15 D.Achlioptas, L.M. Kirousis, E. Kranakis, D. Krizanc, M.S.O. Molloy, and Y.C. Stamatiou, "Random constraint satisfaction: a more accurate picture," *Constraints* 6(4) (2001) 329–344. pdf

J16 N.D. Dendris, L.M. Kirousis, Y.C. Stamatiou, and D.M. Thilikos, "On parallel partial solutions and approximation schemes for local consistency in networks of constraints," *Constraints* 5 (2000) 251–273. pdf

J17 L.M. Kirousis, E. Kranakis, D. Krizanc, and A. Pelc, "Power consumption in packet radio networks," *Theoretical Computer Science* 243 (2000) 289–305. pdf

J18 L.M. Kirousis, E. Kranakis, D. Krizanc, and Y. Stamatiou, "Approximating the unsatisfiability threshold of random formulas," *Random Structures and Algorithms* (1998) 253–269. Preliminary related results appeared in: L.M. Kirousis, E. Kranakis, and D. Krizanc, "A better upper bound for the unsatisfiability threshold," in: B. Du, J. Gu and P.M. Pardalos (eds.) *Satisfiability Problem: Theory and Applications, DIMACS Series in Discrete Mathematics and Theoretical Computer Science* 35 (American Mathematical Society, 1997) 643–648. pdf

J19 N.D. Dendris, L. M. Kirousis, and D.M. Thilikos, "Fugitive-search games on graphs and related parameters," *Theoretical Computer Science* 172 (1997) 233–254. pdf

J20 L.M. Kirousis, P. Spirakis and Ph. Tsigas, "Simple atomic snapshots: a linear complexity solution with unbounded time-stamps," *Information Processing Letters* 58 (1996) 47–53. pdf

J21 L.M. Kirousis and D.M. Thilikos, "The linkage of a graph," *SIAM J. Computing* 25:3 (1996) 626–647. pdf

J22 L.M. Kirousis and A.G. Veneris, "Efficient algorithms for checking the atomicity of a run of read and write operations," *Acta Informatica* 32 (1995) 155–170. pdf

J23 N. Dendris, I. Kalafatis and L.M. Kirousis, "An efficient parallel algorithm for geometrically characterizing drawings of a class of 3-D objects," *Journal of Mathematical Imaging and Vision* 4 (1994) 375–387. pdf

J24 L. M. Kirousis, P. Spirakis and Ph. Tsigas, "Reading many variables in one atomic operation: solutions with linear complexity," *IEEE Transactions in Parallel and Distributed Systems* 5 (1994) 688–696. pdf

J25 L. Kirousis, M. Serna and P. Spirakis, "The parallel complexity of the graph connectivity problem," *SIAM J. Computing* 22 (1993), 573-586. pdf

J26 H. Jung, L.M. Kirousis and P. Spirakis, "Lower bounds and efficient algorithms for multiprocessor scheduling of DAGs with communication delays," *Information and Computation* 5 (1993) 94–104. pdf

J27 L. M. Kirousis, "Fast parallel constraint satisfaction," *Artificial Intelligence* 64 (1993) 147–160 (Research Note). pdf

J28 D. Kavadias, L.M. Kirousis and P. Spirakis, "The complexity of the reliable connectivity problem," *Information Processing Letters* 39 (1991) 245–252. pdf

J29 L.M. Kirousis, "On effectively labeling planar projections of polyhedra," *IEEE Transactions on Pattern Analysis and Machine Intelligence* 12:2 (1990) 123–130. pdf

J30 L.M. Kirousis and E. Kranakis, "A brief survey of concurrent readers and writers," *CWI Quarterly* 2 (1989) 307–330.

J31 L.M. Kirousis and C.H. Papadimitriou, "The complexity of recognizing polyhedral scenes," *Journal of Computer and System Sciences* 37 (1988) 14–38. pdf

J32 L.M. Kirousis and C.H. Papadimitriou, "Searching and pebbling," *Theoretical Computer Science* 47 (1986) 205–218. pdf

J33 L.M. Kirousis and C.H. Papadimitriou, "Interval graphs and searching," *Discrete Mathematics* 55 (1985) 181–184. pdf

J34 L.M. Kirousis, "A selection theorem," *J. Symbolic Logic* 46 (1980) 437–438. pdf

J35 L. Harrington, L. Kirousis, and J. Schlipf, "A generalized Kleene-Moschovakis theorem," *Proceedings of the American Mathematical Society* 68 (1978) 209–213. pdf

Entries in encyclopedias

En1 A.C. Kaporis and L.M. Kirousis, "Thresholds of random k-Sat," *Encyclopedia of Algorithms* " M.-Y. Kao, ed. (Springer, 2008).

Papers in refereed international electronic journals

EJ1 A.C Kaporis, L.M. Kirousis, and Y.C. Stamatiou, "A note on the non-colorability threshold of a random graph," *The Electronic Journal of Combinatorics* 7(1) (2000) R29.

Full papers presented in international conferences[1]

C1 J. Díaz, L.M. Kirousis, D. Mitsche, and X. Pérez-Giménez, "A new upper bound for 3-SAT," *FSTTCS 2008, IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science* (IBFI, 2008).

C2 I. Chatzigiannakis, L.M. Kirousis, and Th. Stratiotis: "Probabilistic protocols for fair communication in wireless sensor networks," *Proceedings of ALGOSENSORS 2008, 4th International Workshop on Algorithmic Aspects of Wireless Sensor Networks* (Springer, L.N. Computer Science, 2008, 100–110). pdf

C3 A.C. Kaporis, L.M. Kirousis, and E.C. Stavropoulos, "Approximating almost all instances of Max-Cut within a ratio above the Håstad threshold," *ESA 2006, 14th Annual European Symposium on Algorithms* (Springer, L.N. Computer Science, 2006, 432–443). pdf

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[1]Almost all of these conference submissions have been subsequently published as journal articles. They are listed here to provide information on the conferences selected by the author for presentation of his work.

C4 G. Georgiadis and L.M. Kirousis, "Lightweight centrality measures in networks under attack," *Proceedings of ECCS 2005, European Conference on Complex Systems.*

C5 J. Díaz, A. Kaporis, L.M. Kirousis, and X. Pérez, "Partitioning networks into classes of mutually isolated nodes," *Proceedings of ECCS 2005, European Conference on Complex Systems.* pdf

C6 J. Díaz, G. Grammatikopoulos, A.C. Kaporis, L.M. Kirousis, X. Pérez, and D.G. Sotiropoulos, "5-Regular Graphs are 3-Colorable with Positive Probability," *ESA 2005, 13th Annual European Symposium on Algorithms* (Springer, L.N. Computer Science, 2005, 215–225).

C7 A.C. Kaporis, L.M. Kirousis, E.I. Politopoulou, and P.G. Spirakis, "Experimental Results for Stackelberg Scheduling Strategies," *WEA 2005, 4th International Workshop on Experimental and Efficient Algorithms,* (Springer, L.N. Computer Science, 2005, 77–88).

C8 A.C. Kaporis, L.M. Kirousis, and E.G. Lalas, "Selecting Complementary Pairs of Literals," Workshop on Typical Case Complexity and Phase Transitions, affiliated with LICS 2003, the 16th Annual IEEE Symposium on Logic in Computer Science, *Electronic Notes in Discrete Mathematics* 16 (2003) 47–70. **Listed 23rd in the top 25 articles of this electronic journal.**

C9 A.C. Kaporis, L.M. Kirousis, and E.G. Lalas, "The probabilistic analysis of a greedy satisfiability algorithm," *ESA 2002, 10th Annual European Symposium on Algorithms* (Springer, L.N. Computer Science, 2002, 574–585). A preliminary announcement in: *SAT '02, 5th International Symposium on Theory and Applications of Satisfiability Testing,* (Conference Proceedings, 2002, 362–376).

C10 L.M. Kirousis and Ph.G. Kolaitis, "On the complexity of model checking and inference in minimal models: Extended abstract," Invited paper, *LPNMR 2001, Logic Programming and Nonmonotonic Reasoning, 6th International Conference, Proceedings,* (Springer, L.N. Artificial Intelligence, 2001, 42–53).

C11 A.C. Kaporis, L.M. Kirousis, Y.C. Stamatiou, M. Vamvakari, and M. Zito, "The unsatisfiability threshold revisited," SAT 2001, Workshop on Theory and Applications of Satisfiability Testing, affiliated with LICS 2001, the 16th Annual IEEE Symposium on Logic in Computer Science, *Electronic Notes in Discrete Mathematics* 9 (2001) 81–95. A variant of this paper with title "Coupon collectors, q-binomial coefficients and the unsatisfiability threshold" appeared in: *ICTCS 2001, Theoretical Computer Science, 7th Italian Conference, Proceedings,* (Springer, L.N. Computer Science, 2001, 328–338).

C12 L.M. Kirousis and Ph.G. Kolaitis, "A dichotomy in the complexity of propositional circumscription," *LICS 2001, 16th Annual IEEE Symposium on Logic in Computer Science,* (IEEE Computer Society Press, 2001, 71–80).

C13 L.M. Kirousis and Ph.G. Kolaitis, "The complexity of minimal satisfiability problems," *STACS 2000, 18th Annual Symposium on Theoretical Aspects of Computer Science,* (Springer, L.N. Computer Science, 2000, 407–418).

C14 L.M. Kirousis, E. Kranakis, D. Krizanc, and Y.C. Stamatiou, "Locating information with uncertainty in fully interconnected networks," *DISC 2000, Distributed Computing, 14th International Conference,* (Springer, L.N. Computer Science, 2000, 283–296).

C15 P. Bose, C. Kaklamanis, L.M. Kirousis, E. Kranakis, D. Krizanc, and D. Peleg, "Station layouts in the presence of location constraints," *ISAAC '99, Algorithms and Computation, 10th International Symposium,* (Springer, L.N Computer Science, 1999, 269–278).

C16 D. Achlioptas, L.M. Kirousis, E. Kranakis, and D. Krizanc, "Rigorous results for random $(2 + p)$-SAT," *RALCOM '97, Workshop on Randomized Algorithms in Sequential, Parallel, and Distributed Computing* (Workshop Proceedings, 1997).

C17 D. Achlioptas, L.M. Kirousis, E. Kranakis, D. Krizanc, M.S.O. Molloy, and Y. Stamatiou, "Random constraint satisfaction: A more accurate picture," *CP '97, Third International Conference on Principles and Practice of Constraint Programming* (Springer, L.N. Computer Science, 1997, 107–120).

C18 L.M. Kirousis, E. Kranakis, D. Krizanc, and A. Pelc, "Power consumption in packet radio networks," *STACS '97, 14th Annual Symposium on Theoretical Aspects of Computer Science* (Springer, L.N. Computer Science, 1997, 363–374).

C19 L.M. Kirousis, E. Kranakis, and D. Krizanc, "Approximating the unsatisfiability threshold of random formulas," *ESA '96, 4th Annual European Symposium on Algorithms* (Springer, L.N. Computer Science, 1996, 27–38).

C20 N.D. Dendris, L.M. Kirousis, Y.C. Stamatiou, and D.M. Thilikos, "Partial arc consistency," in: M. Jampel, E. Freuder, and M. Maher (eds.) *Over-Constrained Systems* (Springer, L.N. Computer Science, 1996, 229–236).

C21 N.D. Dendris, L.M. Kirousis, Y.C. Stamatiou, and D.M. Thilikos, "Partiality and approximation schemes for local consistency in networks of constraints," *FST-TCS '95, 15th Conference on Foundations of Software Technology and Theoretical Computer Science* (Springer, L.N. Computer Science, 1995, 210–224).

C22 N.D. Dendris, L.M. Kirousis and D.M. Thilikos, "Fugitive-search games on graphs and related parameters," *WG '94, 20th International Workshop on Graph-Theoretic Concepts in Computer Science* (Springer, L.N. Computer Science, 1995, 331–340).

C23 L.M. Kirousis, "Fast parallel constraint satisfaction," *ICALP '93, 20th International Colloquium on Automata, Languages, and Programming* (Springer, L.N. Computer Science, 1993, 418–429).

C24 L.M. Kirousis, "A sufficient condition for a fast parallel solution of the constraint satisfaction problem," *AAAI 1993 Spring Symposium on AI and NP-Hard Problems,* Working Notes, 1993, 105–111.

C25 L.M. Kirousis and A.G. Veneris, "Efficient algorithms for checking the atomicity of a run of read and write operations," *WDAG '93, 7th Workshop on Distributed Algorithms and Computation* (Springer, L.N. Computer Science, 1993, 54–68).

C26 N. Dendris, I. Kalafatis and L.M. Kirousis, "An efficient parallel algorithm for geometrically characterizing drawings of a class of 3-D objects," *ISAAC '92, 3rd Annual International Symposium on Algorithms and Computation* (Springer, L.N. Computer Science, 1992, 198–208)

C27 L. M. Kirousis, P. Spirakis, and Ph. Tsigas, "Reading many variables in one atomic operation: solutions with linear complexity," *WDAG '91, 5th Workshop on Distributed Algorithms* (Springer, L.N. Computer Science, 1992, 229–241).

C28 L.M. Kirousis, Ph. Tsigas, and A.G. Veneris, "An atomicity criterion for composite registers," *1991 IMACS-IFAC Symposium on Parallel and Distributed Computing in Engineering Systems* (North Holland, 1992, 31–34).

C29 D. Kavadias, L.M. Kirousis and P. Spirakis, "The complexity of the reliable connectivity problem," *MFCS '91, 16th International Symposium on Mathematical Foundations of Computer Science* (Springer, L.N. Computer Science, 1991, 259–266).

C30 L.M. Kirousis, P. Spirakis, and Ph. Tsigas, "Simple atomic snapshots: a solution with unbounded time stamps", *ICCI '91, International Conference on Computing and Information* (Springer, L.N. Computer Science, 1991, 582–587).

C31 L. Kirousis, M. Serna and P. Spirakis, "The parallel complexity of the graph connectivity problem," *FOCS '89, IEEE 30th Annual Symposium on Foundations of Computer Science* (IEEE Computer Society Press, 1989, 294–299).

C32 H. Jung, L.M. Kirousis and P. Spirakis, "Lower bounds and efficient algorithms for multiprocessor scheduling of DAGs with communication delays," *SPAA '89, ACM Symposium on Parallel Algorithms and Architectures* (ACM Press, 1989, 254–264.

C33 L.M. Kirousis and P. Spirakis, "Pythia and Tyche: an eternal golden braid," in: E.I. Bitsakis and C.A. Nicolaides (eds.), *The Concept of Probability* (Kluwer, 1989, 395–404).

C34 B. Awerbuch, L.M. Kirousis, E. Kranakis, and P.M.B. Vitányi, "A proof technique for register atomicity," *FST-TCS '88, 8th Conf. Foundations of Software Technology and Theoretical Computer Science* (Springer, L.N. Computer Science, 1988, 286–303.

C35 L.M. Kirousis and P. Spirakis, "Probabilistic log-space reductions and problems probabilistically hard for P," *SWAT '88, 1st Scandinavian Workshop on Algorithm Theory* (Springer, L.N. Computer Science, 1988, 163–175).

C36 L.M. Kirousis, E. Kranakis and P.M.B. Vitányi, "Atomic Multireader Register", *WDAG '87, 2nd International Workshop on Distributed Algorithms* (Springer, L.N. Computer Science, 1988, 278–296).

C37 L.M. Kirousis, "A polynomial algorithm for recognizing images of polyhedra," *AWOC '86, VLSI Algorithms and Architectures: Aegean Workshop on Computing* (Springer, L.N. Computer Science, 1986, 194–204).

C38 L.M. Kirousis and C.H. Papadimitriou, "The complexity of recognizing polyhedral scenes," *FOCS '85, 26th IEEE Annual Symposium on Foundations of Computer Science* (IEEE Computer Science Press, 1985, 175–185).

C39 L.M. Kirousis and E. Papadopetrakis, "Truth and objectivity in mathematics," in: E. Bitsakis (ed.), *The Concept of Physical Reality* (Zacharopoulos, 1983, 217–224).

Books

Ch. Kaklamanis and L. Kirousis (eds.), *Sirocco 9, The 9th International Colloquium on Structural Information and Communication Complexity* (Proceedings in Informatics, Carleton Scientific, 2002).

L.M. Kirousis and E. Kranakis (eds.), *Proceedings of the 2nd Colloquium on Structural Information and Communication Complexity, SIROCCO 1995* (Carleton University Press, International Informatics Series 2, 1996)

S. Toueg, P. Spirakis, and L.M. Kirousis (eds.), *Proceedings of the 5th International Workshop on Distributed Algorithms, WDAG 1991* (Springer, L.N. Computer Science, 1992).

Has also published in greek: (i) two books on Dicrete Mathematics, the first of which is co-authored with C. Bouras and P. Spirakis, and the second, which contains exercises and solutions for the first, is co-authored with G. Voutsadakis, C. Bouras, and P. Spirakis (publisher for both: Gutenberg); (ii) a book on Graph Theory, co-authored with C. Bouras, P. Spirakis, and Y. Stamatiou (publisher: CTI press).

Citations

Total number of citations given by *Science Citation Index* (including self-references): **500**.

Rank in "Most Cited Computer Science Authors" of CiteSeerX: 8201, with 701 citations.

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