

Ian Pratt-Hartmann: Publications

Authored books:

1. Ian Pratt-Hartmann: *Fragments of First-Order Logic*, Oxford: Oxford University Press, 2023, 650 pp. ISBN 978 0 19 286796 4, Oxford Logic Guides, 56.
2. Ian Pratt: *Artificial Intelligence*, London: Macmillan, 1994, 280 pp. ISBN 978-1-4020-5586-7.

Edited books:

1. Marco Aiello, Ian Pratt-Hartmann and Johan van Benthem: *Handbook of Spatial Logics*, Berlin: Springer, 2007, 1080 pp. ISBN 0333 597599.

Academic journal articles (all anonymously refereed):

1. Ian Pratt-Hartmann and Lidia Tendera: “The fluted fragment with transitive relations”, *Annals of Pure and Applied Logic*, 173, 2022, art. 103042, pp. 1–43.
2. Ian Pratt-Hartmann, Wiesław Szwał and Lidia Tendera: “The Fluted Fragment Revisited”, *Journal of Symbolic Logic*, 84(3), 2019, pp. 1020–1048.
3. Ian Pratt-Hartmann: “The Finite Satisfiability Problem for Two-Variable, First-Order Logic with one Transitive Relation is Decidable”, *Mathematical Logic Quarterly*, 64(3), 2018, pp. 218–248.
4. Georgios Kourtis and Ian Pratt-Hartmann: “Adding Path-Functional Dependencies to the Guarded Two-Variable Fragment with Counting”, *Logical Methods in Computer Science*, 13(4:4), 2017, pp. 1–39.
5. Emanuel Kieroński, Ian Pratt-Hartmann and Lidia Tendera: “Equivalence Closure in the Two-variable Guarded Fragment”, *Journal of Logic and Computation*, 27(4), 2017, pp. 999–1021.
6. Ian Pratt-Hartmann: “The two-variable fragment with counting and equivalence”, *Mathematical Logic Quarterly*, 61(6), 2015, pp. 474–515.
7. Roman Kontchakov, Ian Pratt-Hartmann, Michael Zakharyashev: “Spatial Reasoning with RCC8 and Connectedness Constraints in Euclidean Spaces”, *Artificial Intelligence*, 217, 2014, pp. 43–75.
8. Emanuel Kieroński, Jakub Michaliszyn, Ian Pratt-Hartmann and Lidia Tendera: “Two-variable First-order Logic with Equivalence Closure”, *SIAM Journal on Computing*, 43(3), 2014, pp. 1012–1063.

9. Ian Pratt-Hartmann: “The Relational Syllogistic Revisited”, *Linguistic Issues in Language Technology*, 9, 2013, pp. 1–35.
10. Roman Kontchakov, Yavor Nenov, Ian Pratt-Hartmann and Michael Zakharyashev: “Topological Logics with Connectedness over Euclidean Spaces”, *ACM Transactions of Computational Logic*, 14(2:13), 2013, pp. 1–48.
11. Ian Pratt-Hartmann and Ivo Düntsch: “Functions definable by numerical set-expressions”, *Journal of Logic and Computation*, 23 (4), 2013, pp. 873–895.
12. Ian Pratt-Hartmann “The Syllogistic with Unity”, *Journal of Philosophical Logic*, 42(2), 2013, pp. 391–407.
13. Ian Pratt-Hartmann: “The Hamiltonian Syllogistic”, *Journal of Logic, Language and Information*, 20(4), 2011, pp. 445–474.
14. Roman Kontchakov, Ian Pratt-Hartmann, Frank Wolter and Michael Zakharyashev: “Spatial logics with connectedness predicates”, *Logical Methods in Computer Science*, 6(3:7), 2010, pp. 1–43.
15. Ivo Düntsch and Ian Pratt-Hartmann: “Complex algebras of arithmetic”, *Fundamenta Informaticae*, 97 (4), 2009, pp. 347–367.
16. Ian Pratt-Hartmann and Lawrence S. Moss: “Logics for the Relational Syllogistic”, *Review of Symbolic Logic*, 2(4), 2009, pp. 647–683.
17. Ian Pratt-Hartmann: “Data-Complexity of the Two-Variable Fragment with Counting Quantifiers”, *Information and Computation*, 207 (8), 2009, pp. 867–888.
18. “Conditionalization and the Logic of Total Knowledge”, *Journal of Applied Non-Classical Logics*, 18 (2-3), 2008, pp. 247–266.
19. Ian Pratt-Hartmann “On the Computational Complexity of the Numerically Definite Syllogistic and Related Logics”, *Bulletin of Symbolic Logic*, 14(1), 2008, pp. 1–28.
20. Ian Pratt-Hartmann: “Complexity of the guarded two-variable fragment with counting quantifiers”, *Journal of Logic and Computation* 17(1), 2007, pp. 133–155.
21. Ian Pratt-Hartmann and Allan Third: “More fragments of language: the case of ditransitive verbs”, *Notre Dame Journal of Formal Logic*, 47(2), 2006, pp. 151–177.
22. Ian Pratt-Hartmann: “Complexity of the two-variable fragment with counting quantifiers”, *Journal of Logic, Language and Information*, 14(3), 2005, pp. 369–395.
23. Ian Pratt-Hartmann: “Temporal prepositions and their logic”, *Artificial Intelligence* 116(1–2), 2005, pp. 1–36.
24. Ian Pratt-Hartmann: “Fragments of Language”, *Journal of Logic, Language and Information*, 13(2), 2004, pp. 207–223.
25. Ian Pratt-Hartmann: “A two-variable fragment of English”, *Journal of Logic, Language and Information*, 12(1), 2003, pp. 13–45.

26. Ian Pratt-Hartmann: “A Topological Constraint Language with Component Counting”, *Journal of Applied Non-Classical Logics*, 12(3–4), 2002, pp. 441–467.
27. Ian Pratt-Hartmann and Dominik Schoop: “Elementary Polyhedral Mereotopology”, *Journal of Philosophical Logic*, 31(5), 2002, pp. 469–498.
28. Ian Pratt-Hartmann: “Empiricism and rationalism in region-based theories of space”, *Fundamenta Informaticae*, 46, 2001, pp. 159–86.
29. Ian Pratt and Nissim Francez: “Temporal prepositions and temporal generalized quantifiers”, *Linguistics and Philosophy*, 24(2), 2001, pp. 187–222.
30. Ian Pratt and Dominik Schoop: “Expressivity in polygonal, plane mereotopology”, *Journal of Symbolic Logic*, 65(2), 2000, pp. 822–838.
31. Ian Pratt: “First-Order Qualitative Spatial Representation Languages with Convexity”, *Journal of Spatial Cognition and Computation* 1, 1999, pp. 181–204.
32. Lemon, O. and Pratt, I. “Logics for geographic information”, *Journal of Geographical Systems*, 1(1), 1999, pp. 75–90.
33. Ian Pratt: “Shape Representation Using Fourier Coefficients of the Sinusoidal Transform”, *Journal of Mathematical Imaging and Vision* 10, 1999, pp. 221–235.
34. Oliver Lemon and Ian Pratt: “On the insufficiency of linear diagrams for syllogisms”, *Notre Dame Journal of Formal Logic*, 39(4), 1998, pp. 573–580.
35. Ian Pratt and Dominik Schoop: “A complete axiom system for polygonal mereotopology of the real plane”, *Journal of Philosophical Logic* 27, 1998, pp. 621–658.
36. Oliver Lemon and Ian Pratt. Complete Logics for QSR: a guide to plane mereotopology. *International Journal of Visual Languages and Computing* 9, 1998, pp. 5–21.
37. Ian Pratt and Oliver Lemon: “Ontologies for plane polygonal mereotopology”, *Notre Dame Journal of Formal Logic*, 38(2), 1997, pp. 225–245.
38. Oliver Lemon and Ian Pratt: “Spatial Logic and the Complexity of Diagrammatic Reasoning.” *Machine Graphics and Vision*, 6(1), 1997, pp. 89–108.
39. David Brée, Allel Feddag and Ian Pratt: “Towards a formalisation of the semantics of some temporal prepositions”, *Time and Society*, 2(2), 1993, pp. 219–240.
40. “An algorithm for planning ‘sensible’ routes”, *Engineering Applications of Artificial Intelligence* 4(2), 1991, pp. 97–108.
41. “Constraints, Meaning and Information” *Linguistics and Philosophy* 10, 1987, pp. 299–324.

Contributions to conference proceedings (anonymously refereed unless explicitly stated otherwise):

1. Bartosz Bednarczyk, Daumantas Kojelis and Ian Pratt-Hartmann: “On the Limits of Decision: the Adjacent Fragment of First-Order Logic”, in Kousha Etessami, Uriel Feige and Gabriele Puppis (eds.): *50th International Colloquium on Automata, Languages and Programming (ICALP 2023)*, LIPIcs—Leibniz International Proceedings in Informatics, Article No. 111; pp. 111:1–111:17, 2023.
2. Ian Pratt-Hartmann and Lidia Tendera: “Adding Transitivity and Counting to the Fluted Fragment”, in *31st EACSL Annual Conference on Computer Science Logic (CSL 2023)*, Leibniz International Proceedings in Informatics (LIPIcs), pp. 32:1–32:22, 2023.
3. Tharindu Madusanka, Riza Batista Navarro and Ian Pratt-Hartmann: “Identifying the limits of transformers when performing model-checking with natural language”, in Andreas Vlachos and Isabelle Augenstein (eds.): *Proceedings of the 17th Conference of the European Chapter of the Association for Computational Linguistics (EACL 2023)*, Association for Computational Linguistics, 2023, pp. 3539–3550.
4. Tharindu Madusanka, Iqra Zahid, Hao Li, Riza Batista Navarro and Ian Pratt-Hartmann: “Not all quantifiers are equal: Probing Transformer-based language models’ understanding of generalised quantifiers”, in Houda Bouamor, Juan Pino and Kalika Bali (eds.): *Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing (EMNLP 2023)*, Association for Computational Linguistics, 2023, pp. 8680–8692.
5. Viktor Schlegel, Kamen Pavlov, and Ian Pratt-Hartmann: “Can Transformers Reason in Fragments of Natural Language?”, in Yoav Goldberg, Zornitsa Kozareva and Yue Zhang (eds.): *Proceedings of the 2022 Conference on Empirical Methods in Natural Language Processing (EMNLP 2022)*, Association for Computational Linguistics”, 2022, pp. 11184–11199.
6. Ian Pratt-Hartmann: “Fluted Logic with Counting”, in Nikhil Bansal and Emanuela Merelli and James Worrell (eds.): *48th International Colloquium on Automata, Languages and Programming (ICALP 2021)*, LIPIcs—Leibniz International Proceedings in Informatics, Article No. 141; pp. 141:1–141:17, 2021.
7. Marco Valentino, Ian Pratt-Hartmann and André Freitas: “Do Natural Language Explanations Represent Valid Logical Arguments? Verifying Entailment in Explainable NLI Gold Standards”, in Sina Zarrieß, Johan Bos, Rik van Noord and Lasha Abzianidze (eds.): *Proceedings of the 14th International Conference on Computational Semantics (IWCS 21)*, Association for Computational Linguistics, 2021, pp. 76–86.
8. Ian Pratt-Hartmann and Lidia Tendera: “The Fluted Fragment with Transitivity”, in Peter Rossmanith, Pinar Heggernes and Joost-Pieter Katoen (eds.): *44th International Symposium on Mathematical Foundations of Computer Science (MFCS 2019)*, LIPIcs—Leibniz International Proceedings in Informatics, Article No. 18; pp. 18:1–18:15, 2019.

9. Ian Pratt-Hartmann, Wiesław Szwał and Lidia Tendera: “Quine’s Fluted Fragment is Non-elementary”, in Laurent Regnier and Jean-Marc Talbot (eds.): *25th EACSL Annual Conference on Computer Science Logic*, LIPIcs—Leibniz International Proceedings in Informatics, Article No. 34; pp. 34:1–34:21, 2016.
10. Ian Pratt-Hartmann: “Logics with counting and equivalence” (Extended Abstract), in *Proceedings of the Joint Meeting of the Twenty-Third EACSL Annual Conference on Computer Science Logic (CSL) and the Twenty-Ninth Annual ACM/IEEE Symposium on Logic in Computer Science (LICS)*, Art. 76, 2014.
11. Emanuel Kieroński, Jakub Michaliszyn, Ian Pratt-Hartmann and Lidia Tendera: “Two-Variable First-Order Logic with Equivalence Closure” (Extended Abstract), in *Proceedings, 27th Annual IEEE Symposium on Logic in Computer Science, (LICS 2012)*, IEEE Press, pp. 431–440, 2012.
12. Roman Kontchakov, Yavor Nenov, Ian Pratt-Hartmann and Michael Zakharyashev: “On the Decidability of Connectedness Constraints in 2D and 3D Euclidean Spaces”, in T. Walsh (ed.): *Proceedings of the Twenty-second International Joint Conference on Artificial Intelligence (IJCAI 2011)*, AAAI Press, 2011, pp. 957–962.
13. Angelo Montanari, Ian Pratt-Hartmann and Pietro Sala: “Decidability of the Logics of the Reflexive Sub-interval and Super-interval Relations over Finite Linear Orders”, in N. Markey and J. Wijsen (eds.): *Temporal Representation and Reasoning (TIME 2010)*, IEEE Press, 2010, pp. 27–34.
14. Yavor Nenov and Ian Pratt-Hartmann, “On the Computability of Region-Based Spatial Logics”, in A. Dawar and H. Veith (eds.), *Computer Science Logic (CSL 2010)*, Lecture Notes in Computer Science 6247, Berlin: Springer, pp. 439–453, 2010.
15. Ian Pratt-Hartmann: “The Two-Variable Fragment with Counting Revisited”, in A. Dawar and R. de Queiroz (Eds.): *Logic, Language, Information and Computation, WoLLIC 2010*, Lecture Notes in Artificial Intelligence, Berlin: Springer, 6188, pp. 42–54, 2010. (Invited talk: not refereed.)
16. Roman Kontchakov, Michael Zakharyashev and Ian Pratt-Hartmann: “Interpreting Topological Logics over Euclidean Spaces”, in *Proceedings, Knowledge Representation, (KR 2010)*, AAAI Press, pp. 534–544, 2010.
17. Yevgeny Kazakov and Ian Pratt-Hartmann: “A note on the complexity of graded modal logic”, in *Proceedings, 24th Annual IEEE Symposium on Logic in Computer Science, (LICS 2009)*, IEEE Press, pp. 407–416, 2009.
18. Ian Pratt-Hartmann and Ivo Düntsch: “Functions definable by arithmetic circuits”,
in K. Ambos-Spies, B. Löwe and W. Merkle (eds.), *Mathematical Theory and Computational Practice: Proceedings, 5th Conference on Computability in Europe, CiE 2009*, Lecture Notes in Computer Science 5635, Berlin: Springer, pp. 409–418, 2009.

19. Roman Kontchakov, Ian Pratt-Hartmann, Frank Wolter and Michael Zakharyashev: “On the computational complexity of spatial logics with connectedness constraints”, in I. Cervesato, H. Veith and A. Voronkov (eds.), *Logic for Programming, Artificial Intelligence, and Reasoning (LPAR 2008)*, Lecture Notes in Computer Science 5330, Berlin: Springer, pp. 574–589, 2008.
20. Roman Kontchakov, Ian Pratt-Hartmann, Frank Wolter and Michael Zakharyashev: “Topology, connectedness and modal logic”, in C. Areces and R. Goldblatt (eds.) *Advances in Modal Logic*, 7, College Publications, London, 2008.
21. Ian Pratt-Hartmann: “From TimeML to Interval Temporal Logic”, in J. Geertzen, E. Thijsse, H. Bunt, A. Schiffrin (eds.) *Proceedings of the Seventh International Workshop on Computational Semantics*, Tilburg University, Department of Communication and Information Sciences, ISBN 90-74029-31-0, 2007, pp. 166–180.
22. Ian Pratt-Hartmann: “The Semantic Complexity of some Fragments of English”, in R.T. Oehrle and J. Rogers (eds.) *Proceedings of Mathematics of Language*, 8, 2003, pp. 129–140.
23. David Brée and Ian Pratt-Hartmann: “Temporal semantics of prepositions in context” in S. Feigenbaum and D. Kurzon (eds.) *Prepositions in their Syntactic, Semantic and Pragmatic Context*, Amsterdam: John Benjamins, 2002, pp. 75–113.
24. Ian Pratt-Hartmann and Nissim Francez: “Prepositions and context” in S. Feigenbaum and D. Kurzon (eds.) *Prepositions in their Syntactic, Semantic and Pragmatic Context*, Amsterdam: John Benjamins, 2002, pp. 115–126.
25. Hans de Nivelle and Ian Pratt-Hartmann: “A resolution-based decision procedure for the two-variable fragment with equality”, in R. Goré, A. Leitsch and T. Nipkow (eds.) *Automated Reasoning: Proceedings of the First International Joint Conference, (IJCAR 2001)*, Berlin: Springer, 2001, pp. 211–225.
26. Ian Pratt and Nissim Francez: “A decidable logic for temporal prepositions” in H. Barringer *et al.* (eds.) *Advances in Temporal Logic*, Dordrecht: Kluwer, 2000. pp. 255–278.
27. Ian Pratt-Hartmann: “Total Knowledge”, *Proceedings of the Seventeenth National Conference on Artificial Intelligence (AAAI 2000)*, Menlo Park, CA: AAAI Press/MIT Press, 2000, pp. 423–428.
28. Oliver Lemon and Ian Pratt: “Putting Channels on the Map: verisimilitude and spatial constraints in a semantics of Geographical Information Systems” in Lawrence Moss, Jonathan Ginzburg and Maarten de Rijke (editors), *Logic, Language, and Computation, Volume 2*. CSLI Publications, Stanford, CA, 1999. pp. 143–164.

29. Oliver Lemon and Ian Pratt: "On the incompleteness of modal logics of space: advancing complete modal logics of place" in M. Kracht, M. de Rijke, H. Wansing, and M. Zakharyashev, editors, *Advances in Modal Logic*. Lecture note # 87, CSLI Publications, Stanford, 1998. pp. 115–132.
30. Oliver Lemon and Ian Pratt: "Logical and Diagrammatic Reasoning: the complexity of conceptual space". In *19th Conference of the Cognitive Science Society*, 1997, pp. 430–435.
31. Nissim Francez and Ian Pratt: "Linear logic derivations of temporal preposition phrase meanings in LFG" in M. Butt and T. Holloway King (eds.) *Proceedings, Lexical Functional Grammar'97*, CSLI Publications, 1997.
32. Oliver Lemon and Ian Pratt: "Incomplete Spatial Logics: on the foundations of computational geography." In *1st International Conference on GeoComputation '96: Proceedings volume II*, School of Geography, Leeds, 1996, pp. 504–516.
33. Oliver Lemon and Ian Pratt: "Putting Channels on the Map: imperfect information flow in a formal semantics of (geo)graphical information systems". In *Information Theoretic Approaches to Logic, Language, and Computation*, Proceedings of the 2nd conference on Information Theoretic Approaches to Logic, Language, and Computation (ITALLC), London Guildhall University, Department of Psychology, 1996, pp. 117–128.
34. Ian Pratt and David Brée: "How to translate some English temporal constructions into temporal logic" in Amsili, P., M. Borillo and Laure Vieu (eds.): *Workshop Notes: 5th International Workshop on Time, Space and Motion*, Groupe LRC, University of Toulouse 1995, pp. D28–D38.
35. "An approach to the semantics of some English Temporal Constructions", *Proceedings of the Seventeenth Annual Conference of the Cognitive Science Society*, Lawrence Earlbaum Associates, 1995, pp. 118–123.
36. Ian Pratt and David Brée: "The Expressive Power of the English Temporal Preposition System", *Proceedings, Time-94*, Pensacola: Florida, 1994, pp. 153–160.
37. "Map Semantics" in Frank, Andrew U. and Irene Campari (eds.) *Spatial Information Theory: a theoretical basis for GIS*, Lecture Notes in Computer Science 716, Berlin: Springer Verlag, 1993. pp. 77–91.
38. Ian Pratt and Luoping Xu: "Understanding Detective Stories", *Proceedings of the Fourteenth Annual Conference of the Cognitive Science Society*, Lawrence Earlbaum Associates, 1992, pp. 1046–51
39. "Psychological Simulation and Beyond", *Proceedings of the Twelfth Annual Conference of the Cognitive Science Society*, Lawrence Earlbaum Associates, 1990, pp. 654–661.
40. "Path Finding in Free Space using Sinusoidal Transforms: III" in Mark, D. and Frank, A. (eds.) *Cognitive and Linguistic Aspects of Geographic Space*, Kluwer, 1991, pp. 219–233.
41. "Path Finding in Free Space using Sinusoidal Transforms", in A.G. Cohn (ed.) *Proceedings of the seventh AISB Conference*, London: Pitman, 1989, pp. 127–136. (Awarded best paper prize.)

42. “Spatial Reasoning using Sinusoidal Oscillations”, *Proceedings of the Tenth Annual Conference of the Cognitive Science Society*, Lawrence Earlbaum Associates, 1988, pp. 216–222.
43. Gilbert Harman, Marie Bienkowski, Ken Salem and Ian Pratt: “Measuring Change and Coherence in Evaluating Potential Change in View”, *Proceedings of the Ninth Annual Conference of the Cognitive Science Society*, Lawrence Earlbaum Associates, 1987
44. Gilbert Harman, Richard Cullingford, Marie Bienkowski, Ken Salem and Ian Pratt: “Default Defeaters in Explanation-based Reasoning”, *Proceedings of the Eighth Annual Conference of the Cognitive Science Society*, Lawrence Earlbaum Associates, 1986, pp. 283–292.

Contributions to edited works (anonymously refereed or subject only to editorial refereeing):

1. Ian Pratt-Hartmann: “Semantic complexity in Natural Language”, in S. Lappin and C. Fox (eds.) *The Handbook of Contemporary Semantic Theory*, 2nd edition, Wiley Blackwell, 2015, pp. 429–454.
2. Ian Pratt-Hartmann: “Twenty Years of Topological Logic”, in M. Raubal, D.M. Mark, A.U. Frank (eds.), *Cognitive and Linguistic Aspects of Geographic Space: New Perspectives on Geographic Information Research*, Berlin: Springer, 2012, pp. 217–235.
3. Ian Pratt-Hartmann: “Computational Complexity in Natural Language”, in A. Clark, C. Fox and S. Lappin (eds.), *Handbook of Computational Linguistics and Natural Language Processing*, Oxford: Wiley-Blackwell, 2010, pp. 43–73.
4. Marco Aiello, Ian Pratt-Hartmann and Johan van Benthem: “What is Spatial Logic?” in Marco Aiello, Ian Pratt-Hartmann and Johan van Benthem (eds.): *Handbook of Spatial Logics*, Berlin: Springer, 2007, pp. 1–12.
5. Ian Pratt-Hartmann: “First-order mereotopology” in Marco Aiello, Ian Pratt-Hartmann and Johan van Benthem (eds.): *Handbook of Spatial Logics*, Berlin: Springer, 2007, pp. 13–98.
6. Ian Pratt-Hartmann: “Language: mathematical complexity” in Keith Brown (editor-in-chief) *Encyclopedia of Language & Linguistics*, Second Edition, volume 6, Oxford: Elsevier, 2006, pp. 657-664
7. “Encoding Psychological Knowledge” in Clark, A. and Millican, P. (eds.) *Connectionism, Concepts and Folk Psychology: The legacy of Alan Turing*, Oxford: Clarendon Press, 1996. pp. 249–264.
8. “Analysis and the Attitudes” in Wagner, S. and Warner, S. (eds.): *Naturalism: a critical appraisal*, Notre Dame, IN: University of Notre Dame Press, 1993. pp. 273–294.
9. “Psychological Inference, Constitutive Rationality and Logical Closure” in Hanson, P. (ed.): *Vancouver Studies in Cognitive Science, vol.1*, University of British Columbia Press, 1989, pp. 366–389.

Reviews of single academic books (not refereed):

1. Halpern, J. *Reasoning about Uncertainty*, Bulletin of Symbolic Logic, Vol. 10, 2004, pp. 427–429.
2. Kish, D. (ed.) *Foundations of Artificial Intelligence*, SIGART, Vol. 4, No. 2 - April 1993, pp. 11–14.
3. Brewka, Gerhard: *Nonmonotonic Logic, Logical Foundations of Commonsense*, AISB Quarterly, Summer 1992, pp. 53–4
4. Penrose, R: *The Emperor's New Mind, Science of Computer Programming*, vol. 15, no. 1, 1990, pp. 100–111.
5. Graubard, Stephen R., ed. *The Artificial Intelligence Debate: False Starts, Real Foundations, Science of Computer Programming*, 1990.
6. Arbib, M: “Brains, Machines and Mathematics”, *Science of Computer Programming*, 1989
7. Friedman, D. and M. Felleisen: *The Little LISPer, Science of Computer Programming*, 1989

Departmental working papers (not refereed): 15 in total, not listed here.