BIBLIOGRAPHY

Aarts, E. (1994), 'Proving theorems of the second order Lambek calculus in polynomial time', *Studia Logica* **53**, 373–387.

Abramsky, S. (1993), 'Computational interpretations of linear logic', *Theoretical Computer Science* **111**, 3–57.

Abrusci, V. M. & Ruet, P. (1999), 'Non-commutative logic I : the multiplicative fragment', *Annals of Pure and Applied Logic* **101**(1), 29–64.

Ajdukiewicz, K. (1935), 'Die syntaktische Konnexität', *Studies in Philosophy* **1**, 1–27.

Andreoli, J.-M. (2000), 'Focussing and proof construction', *Annals of Pure and Applied Logic* . to appear.

Bar-Hillel, Y. (1964), *Language and Information. Selected Essays on their Theory and Application*, Addison-Wesley, New York.

Bar-Hillel, Y., Gaifman, C. & Shamir, E. (1964), On categorial and phrase structure grammars, *in* Y. Bar-Hillel, ed., 'Language and Information. Selected Essays on their Theory and Application', Addison-Wesley, New York, pp. 99–115.

Bayer, S. & Johnson, M. (1995), Features and agreement, *in* 'Proceedings of the 33rd Annual Meeting of the Association for Computational Linguistics', San Francisco, pp. 70–76.

Bellin, G. & van de Wiele, J. (1995), Empires and kingdoms in MLL, *in* J.-Y. Girard, Y. Lafont & L. Regnier, eds, 'Advances in Linear Logic', Cambridge University Press, pp. 249–270.

Carpenter, B. (1991), 'The generative power of categorial grammars and head-driven phrase structure grammars with lexical rules', *Computational Linguistics* **17**(3), 301–314.

Carpenter, B. (1995), The Turing-completeness of multimodal categorial grammars. Manuscript.

Chomsky, N. (1959), 'On certain formal properties of grammars', *Information and Control* **2**(2), 137–167.

Chomsky, N. (1995), *The Minimalist Program*, MIT Press, Cambridge, Massachusetts.

Danos, V. (1990), La Logique Linéaire Appliquée à l'étude de Divers Processus de Normalisation (Principalement du λ-Calcul), PhD thesis, University of Paris VII.

Danos, V. & Regnier, L. (1989), 'The structure of multiplicatives', *Archive for Mathematical Logic* **28**, 181–203.

de Groote, P. (1996), Partially commutative linear logic: sequent calculus and phase semantics, *in* V. M. Abrusci & C. Casadio, eds, 'Proofs and Linguistic Categories, Application of Logic tot the Analysis and Implementation of Natural Language', CLUEB, pp. 199–208. Proceedings 1996 Roma Workshop.

de Groote, P. (1999*a*), 'An algebraic correctness criterion for intuitionistic proof-nets', *Theoretical Computer Science* **224**(1–2), 115–134.

de Groote, P. (1999*b*), A dynamic programmin approach to categorial deduction, *in* H. Ganzinger, ed., 'CADE-16, 16th International Conference on Automated Deduction', Vol. 1632 of *Lecture Notes in Computer Science*, Springer, pp. 1–15.

de Groote, P. & Lamarche, F. (2001), Classical non-associative Lambek calculus, *in* W. Buszkowski & M. Moortgat, eds, 'Studia Logica', Kluwer Academic Publishers. Special Issue Dedicated to Joachim Lambek.

de Groote, P. & Retoré, C. (1996), On the semantic readings of proof nets, *in* G.-J. Kruijff, G. Morrill & R. T. Oehrle, eds, 'Formal Grammar', pp. 57–70.

Dechter, R., ed. (2000), *Principles and Practice of Contraint Programming*, Vol. 1894 of *Lecture Notes in Computer Science*, Springer. Proceedings of the 6th International Conference CP2000.

Dijkstra, E. W. (1979), *A Discipline of Programming*, Prentice-Hall, Englewood Cliffs, New Jersey.

Dörre, J. (1996), Parsing for semidirectional Lambek grammar is NP-complete, *in* 'Proceedings of the 34th Annual Meeting of the ACL', University of California, Santa Cruz, California, pp. 95–100.

Dörre, J. & Manandhar, S. (1995), Constraint-based Lambek calculi, *in* P. Blackburn & M. de Rijke, eds, 'Specifying Syntactic Structures. Studies in Logic, Language and Information', CSLI, Stanford.

Eisinger, N. & Ohlbach, H.-J. (1993), Deduction systems based on resolution, *in* 'Handbook of Logic in Artificial Intelligence and Logic Programming', Vol. I, Oxford University Press, Oxford, chapter 4.

Emms, M. (1993*a*), Extraction covering extensions of the Lambek calculus are not context free, *in* P. Dekker & M. Stokhof, eds, 'Proceedings 9th Amsterdam Colloquium', pp. 268–286.

Emms, M. (1993*b*), Parsing with polymorphism, *in* 'Proceedings of the Sixth Conference of the European Association of Computational Linguistics', pp. 120–129.

Gabbay, D. M. (1996), *Labeled Deductive Systems*, Clarendon Press.

Gentzen, G. (1934), 'Untersuchungen über das logische Schließen', *Mathematische Zeitschrift* **39**, 176–210, 405–431.

Girard, J.-Y. (1987), 'Linear logic', *Theoretical Computer Science* **50**, 1–102.

Girard, J.-Y. (1991), Quantifiers in linear logic II, *in* G. Corsi & G. Sambin, eds, 'Nuovi problemi della logica e della filosofia della scienza', Vol. II, CLUEB, Bologna, Italy. Proceedings of the conference with the same name, Viareggio, Italy, January 1990.

Girard, J.-Y., Lafont, Y. & Taylor, P. (1988), *Proofs and Types*, Cambridge Tracts in Theoretical Computer Science 7, Cambridge University Press.

Guerrini, S. (1999), Correctness of multiplicative proof nets is linear, *in* 'Fourteenth Annual IEEE Symposium on Logic in Computer Science', IEEE Computer Science Society, pp. 454–263.

Hepple, M. (1990), The Grammar and Processing of Order and Dependency: A Categorial Approach, PhD thesis, Centre for Cognitive Science, University of Edinburgh.

Hepple, M. (1994*a*), Comments on multimodal systems, *in* M. Moortgat, ed., 'Lambek Calculus. Multimodal and Polymorphic Extensions', OTS, Utrecht, pp. 37–44. DYANA Report R1.1.B.

Hepple, M. (1994*b*), Labelled deduction and discontinuous constituency, *in* V. M. Abrusci, C. Cassadia & M. Moortgat, eds, 'Linear Logic and Lambek Calculus', ILLC, Amsterdam, pp. 123–150.

Heylen, D. (1999), Types and Sorts: Resource Logic for Feature Checking, PhD thesis, Utrecht Institute of Linguistics OTS, Utrecht University.

Hodas, J. S. (1992), Specifying filler-gap dependency parsers in a linear-logic programming language, *in* K. Apt, ed., 'Proceedings of the 1992 Joint International Conference and Symposium on Logic Programming', MIT Press.

Hodas, J. S. (1996), A linear logic treatment of phrase structure grammars for unbounded dependencies, *in* A. Lecomte, F. Lamarche & G. Perrier, eds, 'Proceedings of the Workshop on Logical Aspects of Computational Linguistics'.

Jäger, G. (2001), Anaphora and quantification in categorial grammar, *in* M. Moortgat, ed., 'Logical Aspects of Computational Linguistics', Vol. 2014 of *Lecture Notes in Computer Science*, Springer, pp. 70–90.

Johnson, M. (1998), 'Proof nets and the complexity of processing center-embedded constructions', *Journal of Logic, Language and Information* **7**(4), 443–447.

Joshi, A. (1994), Tree-adjoining grammars, *in* R. E. Asher, ed., 'The Encyclopedia of Language and Linguistics', Pergamon Press, Oxford, UK.

Joshi, A. & Kulick, S. (1997), Partial proof trees, resource sensitive logics, and syntactic constraints, *in* C. Retoré, ed., 'Logical Aspects of Computational Linguistics, Selected Papers', Vol. 1328 of *Lecture Notes in Computer Science*, Springer, pp. 21–42.

Joshi, A., Kulick, S. & Kurtonina, N. (2001), An LTAG perspective on categorial inference, *in* M. Moortgat, ed., 'Logical Aspects of Computational Linguistics', Vol. 2014 of *Lecture Notes in Computer Science*, Springer, pp. 90–105.

Joshi, A., Levi, L. S. & Takahashi, M. (1975), 'Tree adjunct grammars', *Journal of Computer and System Science* **10**, 136–163.

Joshi, A. & Schabes, Y. (1996), Tree-adjoining grammars, *in* G. Rosenberg & A. Salomaa, eds, 'Handbook of Formal Languages', Vol. 3, Springer, New York, pp. 69–123.

Kamp, H. & Reyle, U. (1993), *From Discourse to Logic*, Kluwer Academic Publishers, Dordrecht.

Kanovich, M. (1991), The multiplicative fragment of linear logic is NP-complete, Technical report, University of Amsterdam. ITLI Prepublication Series X-91-13.

Kaplan, R. & Bresnan, J. (1982), Lexical-functional grammar. A formal system for grammatical representation, *in* J. Bresnan, ed., 'The Mental Representation of Grammatical Relations', MIT Press, pp. 173–281.

Karp, R. (1972), Reducibility among combinatorial problems, *in* R. Mille & J. Thatcher, eds, 'Complexity of Computer Computations', Plenum Press, New York, pp. 85–104.

Koroda, S.-Y. (1964), 'Classes of languages and linear-bounded automata', *Information and Control* **7**, 207–223.

Kurtonina, N. (1995), Frames and Labels. A Modal Analysis of Categorial Inference, PhD thesis, OTS Utrecht, ILLC Amsterdam.

Kurtonina, N. & Moortgat, M. (1997), Structural control, *in* P. Blackburn & M. de Rijke, eds, 'Specifying Syntactic Structures', CSLI, Stanford, pp. 75–113.

Lafont, Y. (1995), From proof nets to interaction nets, *in* J.-Y. Girard, Y. Lafont & L. Regnier, eds, 'Advances in Linear Logic', Cambridge University Press, pp. 225–247.

Lamarche, F. (1994), Proof nets for intuitionistic linear logic I: Essential nets, Technical report, Imperial College.

Lamarche, F. & Retoré, C. (1996), Proof nets for the lambek calculus — an overview, *in* V. M. Abrusci & C. Casadio, eds, 'Proofs and Linguistic Categories', CLUEB, Bologna, pp. 241–262.

Lambek, J. (1958), 'The mathematics of sentence structure', *American Mathematical Monthly* **65**, 154–170.

Lambek, J. (1961), On the calculus of syntactic types, *in* R. Jacobson, ed., 'Structure of Language and its Mathematical Aspects, Proceedings of the Symposia in Applied Mathematics', Vol. XII, American Mathematical Society, pp. 166–178.

Lecomte, A. & Retoré, C. (1998), Words as modules: a lexicalised grammar in the framework of linear logic proof nets, *in* C. Martin-Vide, ed., 'Mathematical and Computational Analysis of natural Language', Vol. 45 of *Studies in Functional and Structural Linguistics*, John Benjamins, pp. 129–144. Selected papers of ICML'96.

Lincoln, P. (1995), Deciding provability of linear logic formulas, *in* J.-Y. Girard, Y. Lafont & L. Regnier, eds, 'Advances in Linear Logic', Cambridge University Press, pp. 109–122.

Lincoln, P., Mitchell, J., Scedrov, A. & Shankar, N. (1990), Decision problems in linear logic, *in* 'Proceedings of the 31st Annual Symposium on Foundations of Computer Science', IEEE Computer Society Press, pp. 662–671.

Montague, R. (1974), The proper treatment of quantification in ordinary English, *in* R. Thomason, ed., 'Formal Philosophy. Selected Papers of Richard Montague', Yale University Press, New Haven.

Moortgat, M. (1990), Unambiguous proof representations for the Lambek calculus, *in* 'Proceedings 7th Amsterdam Colloquium'.

Moortgat, M. (1996*a*), In situ binding: A modal analysis, *in* P. Dekker & M. Stokhof, eds, 'Proceedings 10th Amsterdam Colloquium', ILLC, Amsterdam, pp. 539–549.

Moortgat, M. (1996*b*), 'Multimodal linguistic inference', *Journal of Logic, Language and Information* **5**(3–4), 349–385.

Moortgat, M. (1997), Categorial type logics, *in* J. van Benthem & A. ter Meulen, eds, 'Handbook of Logic and Language', Elsevier / MIT Press, chapter 2.

Moortgat, M. (1999), Constants of grammatical reasoning, *in* G. Bouma, E. Hinrichs, G.-J. Kruijff & R. T. Oehrle, eds, 'Constraints and Resources in Natural Language Syntax and Semantics', CSLI, Stanford, pp. 195–219.

Moortgat, M. & Oehrle, R. T. (1993), 'Logical parameters and linguistic variation. Lecture notes on categorial grammar'. Fifth European Summer School in Logic, Language and Information, Lisbon.

Moortgat, M. & Oehrle, R. T. (1994), Adjacency, dependency and order, *in* 'Proceedings 9th Amsterdam Colloquium', pp. 447–466.

Moot, R. & Piazza, M. (2001), 'Linguistic applications of first order multiplicative linear logic', *Journal of Logic, Language and Information* **10**(2), 211–232.

Moot, R. & Puite, Q. (1999), Proof nets for multimodal categorial grammars, *in* G.-J. M. Kruijff & R. T. Oehrle, eds, 'Proceedings of Formal Grammar 1999', pp. 103–114.

Moot, R. & Puite, Q. (2001), Proof nets for the multimodal Lambek calculus, *in* W. Buszkowski & M. Moortgat, eds, 'Studia Logica', Kluwer Academic Publishers. Special Issue Dedicated to Joachim Lambek.

Morrill, G. (1994), *Type Logical Grammar*, Kluwer Academic Publishers, Dordrecht.

Morrill, G. (1995), Clausal proofs and discontinuity, *in* R. Kempson, ed., 'Bulletin of the IGPL 3(2,3)', IGPL, pp. 403–417. Special Issue on Deduction and Language.

Morrill, G. (1998), Incremental processing and acceptability, Technical Report LSI–98–46–R, Departament de Llenguatges i Sistemes Informàtics, Universitat Politècnica de Catalunya.

Morrill, G. (1999), Relational interpretation and linguistic form, *in* V. M. Abrusci & C. Casadio, eds, 'Dynamic Perspectives in Logic and Linguistics', Bulzoni Editore, Roma.

Morrill, G. (2000), Type-logical anaphora, Technical Report LSI–00–77–R, Departament de Llenguatges i Sistemes Informàtics, Universitat Politècnica de Catalunya.

Morrill, G., Leslie, N., Hepple, M. & Barry, G. (1990), Categorial deductions and structural operations, *in* G. Barry & G. Morrill, eds, 'Studies in Categorial Grammar', Vol. 5 of *Edinburgh Working Papers in Cognitive Science*, Centre for Cognitive Science, pp. 1–21.

Murawski, A. S. & Ong, C.-H. L. (2000), Dominator trees and fast verification of proof nets, *in* 'Logic in Computer Science', pp. 181–191.

Muskens, R. (1994), Categorial grammar and discourse representation theory, *in* 'Proceedings COLING 94', Kyoto, pp. 508–514.

Oehrle, R. T. (1994), 'Term-labeled categorial type systems', *Linguistics & Philosophy* **17**(6), 633–678.

Pareschi, R. (1988), A definite clause version of categorial grammar, *in* 'Proceedings of the 26th Annual Meeting of the Association for Computational Linguistics', pp. 270–277.

Pentus, M. (1995), Lambek grammars are context free, *in* 'Proceedings of the Eighth Annual IEEE Symposium on Logic in Computer Science', Montreal, Canada, pp. 429–433.

Pentus, M. (1997), 'Product-free Lambek calculus and context-free grammars', *Journal of Symbolic Logic* **62**, 648–660.

Pereira, F. & Shieber, S. (1987), *Prolog and Natural Language Analysis*, CSLI, Stanford.

Pereira, F. & Warren, D. (1980), 'Definite clause grammars for language analysis. A survey of the formalism and a comparison with augmented transition networks', *Artificial Intelligence* **13**, 231–278.

Pereira, F. & Warren, D. (1983), Parsing as deduction, *in* '21st Annual Meeting of the Association for Computational Linguistics', Cambridge, Massachusetts, pp. 137–144.

Perrier, G. (1999), 'A PSPACE-complete fragment of second order linear logic', *Theoretical Computer Science* **222**(1–2), 267–289.

Pollard, C. & Sag, I. (1994), *Head-Driven Phrase Structure Grammar*, CSLI, Chicago.

Puite, Q. (1998), Proof nets with explicit negation for multiplicative linear logic, Technical report, Department of Mathematics, Utrecht University. Preprint 1079.

Puite, Q. (2001), Sequents and Link Graphs: Contraction Criteria for Refinements of Multiplicative Linear Logic, PhD thesis, Department of Mathematics, Utrecht University.

Puite, Q. & Moot, R. (1999), Proof nets for the multimodal Lambek calculus, Technical Report 1096, Department of Mathematics, Utrecht University.

Rambow, O. (1994), Formal and Computational Aspects of Natural Language Syntax, PhD thesis, University of Pennsylvania.

Roorda, D. (1991), Resource Logics: A Proof-theoretical Study, PhD thesis, University of Amsterdam.

Schabes, Y. & Joshi, A. (1988), An Earley-type parsing algorithm for tree adjoining grammars, *in* '26th Meeting of the Association for Computational Linguistics', ACL.

Schabes, Y. & Vijay-Shanker, K. (1990), Deterministic left to right parsing of tree adjoining languages, *in* '28th Annual Meeting of the Association for Computational Linguistics', ACL, pp. 276–283.

Seki, H., Matsumura, T., Fujii, M. & Kasami, T. (1991), 'On multiple context-free grammars', *Theoretical Computer Science* **88**, 191–229.

Shieber, S., Schabes, Y. & Pereira, F. (1995), 'Principles and implementation of deductive parsing', *Journal of Logic Programming* **1–2**(24), 3–36.

Stabler, E. (1997), Derivational minimalism, *in* A. Lecomte, ed., 'LACL97', Vol. 1582 of *Lecture Notes in Computer Science*, Springer.

Tärnlund, S.-A. (1977), 'Horn clause computability', *BIT* **2**, 215–226.

Troelstra, A. S. (1992), *Lectures on Linear Logic*, CSLI Lecture Notes 29, Center for the Study of Language and Information, Stanford, California.

van Benthem, J. (1986), Categorial grammar, *in* 'Essays in Logical Semantics', Reidel, Dordrecht, chapter 7, pp. 123–150.

van Benthem, J. (1987), Categorial grammar and lambda calculus, *in* D. Skordev, ed., 'Mathematical Logic and Its Applications', Plenum Press, New York, pp. 39–60.

van Benthem, J. (1995), *Language in Action: Categories, Lambdas and Dynamic Logic*, MIT Press, Cambridge, Massachusetts.

Versmissen, K. (1996), Grammatical Composition: Modes, Models, Modalities, PhD thesis, Research Institute for Language and Speech, Utrecht University.

Vijay-Shanker, K. & Joshi, A. (1985), Some computational properties of tree adjoining grammars, *in* '23th Meeting of the Association for Computational Linguistics', ACL, pp. 82–93.

Weir, D. (1988), Characterizing Mildly Context Sensitive Grammar Formalisms, PhD thesis, University of Pennsylvania.