Bibliographie

[1] Aho (A. V.) et Corasick (M. J.). – Efficient string matching: an aid to bibliographic search. *Comm. ACM*, vol. 18, 1975, pp. 333–340.

[2] Alonso (L.) et Schott (R.). – *Random generation of trees.* – Kluwer Academic Publishers, Boston, 1995.

[3] Andersson (A.), Larsson (N. J.) et Swanson (K.). – Suffix trees on words. *In : Combinatorial Pattern Matching, CPM'96. Lecture Notes in Comput. Sci.*, volume 1075, pp. 102–115. – Springer, 1996.

[4] Andersson (A.) et Nilsson (S.). – Efficient implementation of suffix trees. *Software: Practice and Experience*, vol. 25, n° 2, 1995, pp. 129–141.

[5] Apostolico (A.). – The myriad virtues of subword trees. *In : Combinatorial algorithms on words. NATO Adv. Sci. Inst. Ser. F Comput. Systems Sci.*, volume 12, pp. 85–96. – Springer, 1985.

[6] Apostolico (A.). – *Pattern matching algorithms*, chap. Online string searching, pp. 89–122. – In Apostolico et Galil [7].

[7] Apostolico (A.) et Galil (Z.) (édité par). – *Pattern matching algorithms.* – Oxford University Press, New York, 1997.

[8] Apostolico (A.), Iliopoulos (C.), Landau (G. M.), Schieber (B.) et Vishkin (U.). – Parallel construction of a suffix tree with applications. *Algorithmica*, vol. 3, n° 3, 1988, pp. 347–365.

[9] Athanasiadis (C.) et Linusson (S.). – A simple bijection for the regions of the Shi arrangement of hyperplans. *Discrete Math.*, vol. 204, n° 1-3, 1999, pp. 27–39.

[10] Beissinger (J. S.). – On external activity and inversions in trees. *J. Combin. Theory Ser. B*, vol. 33, n° 1, 1982, pp. 87–92.

[11] Bender (E. A.) et Richmond (L. B.). – A multivariate Lagrange inversion formula for asymptotic calculations. *Electron. J. Combin.*, vol. 5, n° 1, 1998, Research Paper 33, 4 pp.

[12] Bender (E. A.) et Richmond (L. B.). – Multivariate asymptotics for products of large powers with applications to Lagrange inversion. *Electron. J. Combin.*, vol. 6, n° 1, 1999, Research Paper 8, 21 pp.

[13] Bender (M. A.) et Farach-Colton (M.). – The LCA problem revisited. *In : Latin American Theoretical Informatics, LATIN'2000. Lecture Notes Comput. Sci.*, volume 1776, pp. 89–94. – Springer, 2000.

[14] Berge (C.). – *Graphes et hypergraphes.* – Dunod, Paris, 1973. Deuxième édition.

[15] Bergeron (F.), Flajolet (P.) et Salvy (B.). – Varieties of increasing trees. *In : Colloque sur les Arbres en Algèbre et en Programmation, CAAP'92. Lecture Notes in Comput. Sci.*, volume 581, pp. 24–48. – Springer, 1992.

[16] Bergeron (F.), Labelle (G.) et Leroux (P.). – *Combinatorial species and tree-like structures*. – *Encyclopedia of mathematics and its applications*, volume 67, Cambridge University Press, Cambridge (MA), 1998.

[17] Berkman (O.) et Vishkin (U.). – Recursive star-tree parallel data structure. *SIAM J. Comput.*, vol. 22, n° 2, 1993, pp. 221–242.

[18] Berkman (O.) et Vishkin (U.). – Finding level-ancestors in trees. *J. Comput. System Sci.*, vol. 48, n° 2, 1994, pp. 214–230.

[19] Berry (V.). – *Méthodes mathématiques et informatiques pour la reconstruction phylogénétique*. – Thèse de Doctorat, LIRMM, Université Montpellier II, 1997.

[20] Blumer (A.), Blumer (J.), Haussler (D.), Ehrenfeucht (A.), Chen (M. T.) et Seiferas (J.). – The smallest automaton recognizing the subwords of a text. *Theoret. Comput. Sci.*, vol. 40, n° 1, 1985, pp. 31–55.

[21] Bóna (M.), Bousquet (M.), Labelle (G.) et Leroux (P.). – Enumeration of m-ary cacti. *Adv. in Appl. Math.*, vol. 24, n° 1, 2000, pp. 22–56.

[22] Bousquet (M.). – *Théorie des espèces et applications au dénombrement de cartes et de cactus planaires*. – Thèse de Doctorat, LaCIM, Université du Québec à Montréal, 1999.

[23] Bousquet (M.), Chauve (C.), Labelle (G.) et Leroux (P.). – A bijective proof of the arborescent form of the multivariable lagrange inversion formula. *In : Colloquium Mathematics and Computer Science*. Trends in mathematics, pp. 89–100. – Birkhäuser, 2000.

[24] Bousquet (M.), Chauve (C.) et Schaeffer (G.). – Enumération et génération aléatoire de cactus m-aires. *In : Colloque LaCIM 2000. Publications du LaCIM*, volume 27, pp. 81–91. – Université du Québec à Montréal, 2000.

[25] Bousquet-Mélou (M.) et Schaeffer (G.). – Enumeration of planar constellations. *Adv. in Appl. Math.*, vol. 24, n° 4, 2000, pp. 337–368.

[26] Boyer (M. S.) et Moore (J. S.). – A fast string-searching algorithm. *Comm. ACM*, vol. 20, 1977, pp. 762–772.

[27] Breslauer (D.). – The suffix tree of a tree and minimizing sequential transducers. *Theoret. Comput. Sci.*, vol. 191, n° 1-2, 1998, pp. 131–144.

[28] Cai (J.), Paige (R.) et Tarjan (R. E.). – More efficient bottom-up multi-pattern matching in trees. *Theoret. Comput. Sci.*, vol. 106, n° 1, 1992, pp. 21–60.

[29] Cayley (A.). – A theorem on trees. *Quart. J. Math.*, vol. 23, 1889, pp. 376–378, Collected Mathematical Papers of Arthur Cayley, vol XIII, p 26-28, Cambridge University Press, Cambridge (MA), 1897.

[30] Cayley (A.). – *Collected mathematical papers. Vol. I-XIII*. – Cambridge University Press, Cambridge (MA), 1897.

[31] Chaiken (S.). – A combinatorial proof of the all minors matrix tree theorem. *SIAM J. Algebraic Discrete Methods*, vol. 3, n° 3, 1982, pp. 319–329.

[32] Chang (W. I.) et Lawler (E. L.). – Approximate string matching in sublinear expected time. *In : IEEE Symposium on Foundations of Computer Science, FOCS'90*. pp. 116–124. – IEEE Comput. Soc. Press, 1990.

[33] Chase (D. R.). – An improvement to bottom-up tree pattern matching. *In : ACM Symposium on Principles of Programming Languages, POPL'87*. pp. 168–177. – Assoc. Comput. Mach. Press, 1987.

[34] Chauve (C.), Duchon (P.) et Dulucq (S.). – *Une généralisation des résultats de Kreweras sur le polynôme énumérateur des inversions dans les arborescences*. – Rapport

technique n° RR-1241-00, LaBRI, Université Bordeaux I, 2000. (à paraître dans Ann. Sci. Math. Québec).

[35] Chauve (C.), Dulucq (S.) et Guibert (O.). – *Enumeration of some labelled trees.* – Rapport technique n° RR-1226-99, LaBRI, Université Bordeaux I, 1999.

[36] Chauve (C.), Dulucq (S.) et Guibert (O.). – Enumeration of some labelled trees. *In : Formal Power Series and Algebraic Combinatorics, FPSAC'00.* pp. 146–157. – Springer, 2000.

[37] Chauve (C.), Dulucq (S.) et Rechnitzer (A.). – *Enumerating alternating trees.* – Rapport technique n° RR-1221-99, LaBRI, Université Bordeaux I, 1999. (à paraître dans J. Combin. Theory. Series A).

[38] Chen (W. Y. C.). – A general bijective algorithm for trees. *Proc. Nat. Acad. Sci. U.S.A.*, vol. 87, n° 24, 1990, pp. 9635–9639.

[39] Chen (W. Y. C.). – A bijection for enriched trees. *European J. Combin.*, vol. 15, n° 4, 1994, pp. 337–343.

[40] Chen (W. Y. C.). – The pessimistic search and the straightening involution for trees. *European J. Combin.*, vol. 19, n° 5, 1998, pp. 553–558.

[41] Chen (W. Y. C.). – A general bijective algorithm for increasing trees. *Systems Sci. Math. Sci.*, vol. 12, n° 3, 1999, pp. 193–203.

[42] Chottin (L.). – Une démonstration combinatoire de la formule de Lagrange à deux variables. *Discrete Math.*, vol. 13, n° 3, 1975, pp. 215–224.

[43] Chottin (L.). – Énumération d'arbres et formules d'inversion de séries formelles. *J. Combin. Theory Ser. B*, vol. 31, n° 1, 1981, pp. 23–45.

[44] Clarke (L. E.). – On Cayley's formula for counting trees. *J. London Math. Soc.*, vol. 33, 1958, pp. 471–474.

[45] Cobbs (A. L.). – Fast approximate matching using suffix trees. *In : Combinatorial Pattern Matching, CPM'95. Lecture Notes in Comput. Sci.*, volume 937, pp. 41–54. – Springer, 1995.

[46] Cole (R.) et Hariharan (R.). – Tree pattern matching and subset matching in randomized $O(n \log^3 m)$ time. *In : ACM Symposium on Theory of Computing, STOC'97.* pp. 66–75. – Assoc. Comput. Mach. Press, 1997.

[47] Cole (R.), Hariharan (R.) et Indyk (P.). – Tree pattern matching and subset matching in deterministic $O(n \log^3 n)$-time. *In : ACM-SIAM Symposium on Discrete Algorithms, SODA'99.* pp. 245–254. – Assoc. Comput. Mach. Press, 1999.

[48] Cori (R.). – *Un code pour les graphes planaires et ses applications.* – *Astérisque*, volume 27, Société Mathématique de France, 1975.

[49] Cori (R.). – Formules d'inversion de séries formelles. *In : Séries formelles en variables non commutatives et applications (5e École de Printemps Informat. Théorique).* pp. 55–67. – École Nat. Sup. Tech. Avancées, Paris, 1978.

[50] Cormen (T. H.), Leiserson (C. E.) et Rivest (R. L.). – *Introduction to algorithms.* – The MIT Press, Cambridge (MA), 1990.

[51] Crochemore (M.). – Transducers and repetitions. *Theoret. Comput. Sci.*, vol. 45, n° 1, 1986, pp. 63–86.

[52] Crochemore (M.) et Rytter (W.). – *Text algorithms.* – Oxford University Press, New York, 1994.

[53] Dénes (J.). – The representation of a permutation as the product of a minimal number of transpositions, and its connection with the theory of graphs. *Magyar Tud. Akad. Mat. Kutató Int. Közl.*, vol. 4, 1959, pp. 63–71.

[54] Dubiner (M.), Galil (Z.) et Magen (E.). – Faster tree pattern matching. *J. Assoc. Comput. Mach.*, vol. 41, n° 2, 1994, pp. 205–213.

[55] Dublish (P.). – Some comments on: "On the subtree isomorphism problem for ordered trees" by E. Mäkinen. *Inform. Process. Lett.*, vol. 36, n° 5, 1990, pp. 273–275.

[56] Eden (M.) et Schützenberger (M. P.). – Remark on a theorem of Dénes. *Magyar Tud. Akad. Mat. Kutató Int. Közl.*, vol. 7, 1962, pp. 353–355.

[57] Ehrenborg (R.) et Méndez (M.). – A bijective proof of infinite variated Good's inversion. *Adv. in Math.*, vol. 103, n° 2, 1994, pp. 221–259.

[58] El Marraki (M.), Hanusse (N.), Zipperer (J.) et Zvonkin (A.). – Cacti, braids and complex polynomials. *Sém. Lothar. Combin.*, vol. 37, 1996, Art. B37b, 36 pp.

[59] Entringer (R. C.). – A combinatorial interpretation of the Euler and Bernoulli numbers. *Nieuw Arch. Wisk. (3)*, vol. 14, 1966, pp. 241–246.

[60] Farach (M.). – Optimal suffix tree construction with large alphabets. *In : IEEE Symposium on Foundations of Computer Science, FOCS'97*. pp. 137–143. – IEEE Comput. Soc. Press, 1997.

[61] Flajolet (P.) et Sedgewick (R.). – *The average case analysis of algorithms: counting and generating functions.* – Rapport technique n° 1888, INRIA, 1993.

[62] Gessel (I. M.). – A combinatorial proof of the multivariable Lagrange inversion formula. *J. Combin. Theory Ser. A*, vol. 45, n° 2, 1987, pp. 178–195.

[63] Gessel (I. M.) et Sagan (B. E.). – The Tutte polynomial of a graph, depth-first search, and simplicial complex partitions. *Electron. J. Combin.*, vol. 3, n° 2, 1996, Research Paper 9, 36 pp.

[64] Gessel (I. M.), Sagan (B. E.) et Yeh (Y. N.). – Enumeration of trees by inversions. *J. Graph Theory*, vol. 19, n° 4, 1995, pp. 435–459.

[65] Gessel (I. M.) et Wang (D. L.). – Depth-first search as a combinatorial correspondence. *J. Combin. Theory Ser. A*, vol. 26, n° 3, 1979, pp. 308–313.

[66] Giancarlo (R.). – A generalization of the suffix tree to square matrices, with applications. *SIAM J. Comput.*, vol. 24, n° 3, 1995, pp. 520–562.

[67] Giancarlo (R.) et Grossi (R.). – On the construction of classes of suffix trees for square matrices: algorithms and applications. *Inform. and Comput.*, vol. 130, n° 2, 1996, pp. 151–182.

[68] Giancarlo (R.) et Grossi (R.). – Parallel construction and query of index data structures for pattern matching on square matrices. *J. Complexity*, vol. 15, n° 1, 1999, pp. 30–71.

[69] Giancarlo (R.) et Guaiana (D.). – On-line construction of two-dimensional suffix trees. *J. Complexity*, vol. 15, n° 1, 1999, pp. 72–127.

[70] Giegerich (R.) et Kurtz (S.). – A comparison of imperative and purely functional suffix tree constructions. *Sci. Comput. Programming*, vol. 25, n° 2-3, 1995, pp. 187–218.

[71] Giegerich (R.) et Kurtz (S.). – From Ukkonen to McCreight and Weiner: a unifying view of linear-time suffix tree construction. *Algorithmica*, vol. 19, n° 3, 1997, pp. 331–353.

[72] Good (I. J.). – Generalizations to several variables of Lagrange's expansion, with applications to stochastic processes. *Proc. Cambridge Philos. Soc.*, vol. 56, 1960, pp. 367–380.

[73] Good (I. J.). – The generalization of Lagrange's expansion and the enumeration of trees. *Proc. Cambridge Philos. Soc.*, vol. 61, 1965, pp. 499–517.

[74] Good (I. J.). – Correction: "The generalization of Lagrange's expansion and the enumeration of trees". *Proc. Cambridge Philos. Soc.*, vol. 64, 1968, p. 489.

[75] Goulden (I. P.) et Jackson (D. M.). – The enumeration of directed closed Euler trails and directed Hamiltonian circuits by Lagrangian methods. *European J. Combin.*, vol. 2, n° 2, 1981, pp. 131–135.

[76] Goulden (I. P.) et Jackson (D. M.). – The application of Lagrangian methods to the enumeration of labelled trees with respect to edge partition. *Canad. J. Math.*, vol. 34, n° 3, 1982, pp. 513–518.

[77] Goulden (I. P.) et Jackson (D. M.). – *Combinatorial enumeration.* – John Wiley & Sons, New York, 1983.

[78] Goulden (I. P.) et Jackson (D. M.). – The combinatorial relationship between trees, cacti and certain connection coefficients for the symmetric group. *European J. Combin.*, vol. 13, n° 5, 1992, pp. 357–365.

[79] Goulden (I. P.) et Jackson (D. M.). – Transitive factorisations into transpositions and holomorphic mappings on the sphere. *Proc. Amer. Math. Soc.*, vol. 125, n° 1, 1997, pp. 51–60.

[80] Goulden (I. P.) et Kulkarni (D. M.). – Multivariable Lagrange inversion, Gessel-Viennot cancellation, and the matrix tree theorem. *J. Combin. Theory Ser. A*, vol. 80, n° 2, 1997, pp. 295–308.

[81] Goulden (I. P.) et Pepper (S.). – Labelled trees and factorizations of a cycle into transpositions. *Discrete Math.*, vol. 113, n° 1-3, 1993, pp. 263–268.

[82] Graham (R. L.), Knuth (D. E.) et Patashnik (O.). – *Concrete mathematics.* – Seconde édition, Addison-Wesley Publishing Company, Reading, (MA), 1994.

[83] Grossi (R.). – Further comments on the subtree isomorphism for ordered trees: "On the subtree isomorphism problem for ordered trees" by E. Mäkinen. *Inform. Process. Lett.*, vol. 40, n° 5, 1991, pp. 255–256.

[84] Grossi (R.). – A note on the subtree isomorphism for ordered trees and related problems. *Inform. Process. Lett.*, vol. 39, n° 2, 1991, pp. 81–84.

[85] Grossi (R.), Luccio (F.) et Pagli (L.). – Coding trees as strings for approximate tree matching. *In : Sequences, II (Positano, 1991)*. pp. 245–259. – Springer, 1993.

[86] Gusfield (D.). – *Algorithms on strings, trees and sequences.* – Cambridge University Press, Cambridge (MA), 1997.

[87] Hanusse (N.). – *Cartes, constellations et groupes : questions algorithmiques.* – Thèse de Doctorat, LaBRI, Université Bordeaux I, 1997.

[88] Harary (F.) et Palmer (E. M.). – *Graphical enumeration.* – Academic Press, New York, 1973.

[89] Harary (F.) et Uhlenbeck (G. E.). – On the number of Husimi trees. *Proc. Nat. Acad. Sci. U.S.A.*, vol. 39, 1953, pp. 315–322.

[90] Harel (D.) et Tarjan (R. E.). – Fast algorithms for finding nearest common ancestors. *SIAM J. Comput.*, vol. 13, n° 2, 1984, pp. 338–355.

[91] Hoffmann (C. M.) et O'Donnell (M. J.). – Pattern matching in trees. *J. Assoc. Comput. Mach.*, vol. 29, n° 1, 1982, pp. 68–95.

[92] Hurwitz (A.). – Über Riemann'sche Flächen mit gegebenen Verzeigungspunkten. *Math. Ann.*, vol. 39, 1891, pp. 1–66.

[93] Husimi (K.). – Note on Mayer's theory of cluster integrals. *J. Chem. Phys.*, vol. 18, 1950, pp. 682–684.

[94] Indyk (P.). – Deterministic superimposed coding with applications to pattern matching. *In : IEEE Symposium on Foundations of Computer Science, FOCS'97.* pp. 127–136. – IEEE Comput. Soc. Press, 1997.

[95] Jackson (D. M.) et Goulden (I. P.). – The generalisation of Tutte's result for chromatic trees, by Lagrangian methods. *Canad. J. Math.*, vol. 33, n° 1, 1981, pp. 12–19.

[96] Joyal (A.). – Une théorie combinatoire des séries formelles. *Adv. in Math.*, vol. 42, n° 1, 1981, pp. 1–82.

[97] Kalikow (L. H.). – *Enumeration of parking functions, allowable permutation pairs, and labeled trees.* – Thèse de Doctorat, Brandeis University, 1999.

[98] Kärkkäinen (J.). – Suffix cactus: A cross between suffix tree and suffix array. *In : Combinatorial Pattern Matching, CPM'95. Lecture Notes in Comput. Sci.*, volume 937, pp. 191–204. – Springer, 1995.

[99] Kärkkäinen (J.) et Ukkonen (E.). – Sparse suffix trees. *In : Computing and Combinatorics, COCOON'96. Lecture Notes in Comput. Sci.*, volume 1090, pp. 219–230. – Springer, 1996.

[100] Khidr (A. M.) et El-Desouky (B. S.). – A symmetric sum involving the Stirling numbers of the first kind. *European J. Combin.*, vol. 5, n° 1, 1984, pp. 51–54.

[101] Knuth (D. E.). – Another enumeration of trees. *Canad. J. Math.*, vol. 20, 1968, pp. 1077–1086.

[102] Knuth (D. E.). – *The art of computer programming.* – Troisième édition, Addison-Wesley Publishing Company, Reading (MA), 1997. Volume 1: Fundamental algorithms.

[103] Knuth (D. E.). – *The art of computer programming.* – Troisième édition, Addison-Wesley Publishing Company, Reading (MA), 1997. Volume 3: Sorting and Searching.

[104] Knuth (D. E.), Morris (J. H. Jr.) et Pratt (V. R.). – Fast pattern matching in strings. *SIAM J. Comput.*, vol. 6, n° 2, 1977, pp. 323–350.

[105] Kosaraju (S. R.). – Efficient tree pattern matching. *In : IEEE Symposium on Foundations of Computer Science, FOCS'89.* pp. 178–183. – IEEE Comput. Soc. Press, 1989.

[106] Kreweras (G.). – Une famille de polynômes ayant plusieurs propriétés énumératives. *Period. Math. Hungar.*, vol. 11, n° 4, 1980, pp. 309–320.

[107] Kuznetsov (A. G.), Pak (I.) et Postnikov (A.). – Increasing trees and alternating permutations. *Russian Math. Survey*, vol. 49, 1994, pp. 79–110.

[108] Labelle (G.). – Une nouvelle démonstration combinatoire des formules d'inversion de Lagrange. *Adv. in Math.*, vol. 42, n° 3, 1981, pp. 217–247.

[109] Landau (G. M.) et Vishkin (U.). – *Pattern matching algorithms*, chap. Approximate string searching, pp. 185–199. – In Apostolico et Galil [7].

[110] Leroux (P.). – L'inversion de Lagrange à plusieurs variables : l'approche combinatoire des espèces de structures. – Février 1981. manuscrit non publié.

[111] Liskovets (V. A.). – A census of nonisomorphic planar maps. *In : Algebraic methods in graph theory. Colloq. Math. Soc. János Bolyai*, volume 25, pp. 479–494. – North-Holland, 1981.

[112] Luccio (F.) et Pagli (L.). – An efficient algorithm for some tree matching problems. *Inform. Process. Lett.*, vol. 39, n° 1, 1991, pp. 51–57.

[113] Luccio (F.) et Pagli (L.). – Simple solutions for approximate tree matching problems. *In : Theory and Practice of Software, TAPSOFT '91. Lecture Notes in Comput. Sci.*, volume 493, pp. 193–201. – Springer, 1991.

[114] Luccio (F.) et Pagli (L.). – Approximate matching for two families of trees. *Inform. and Comput.*, vol. 123, n° 1, 1995, pp. 111–120.

[115] Mäkinen (E.). – On the subtree isomorphism problem for ordered trees. *Inform. Process. Lett.*, vol. 32, n° 5, 1989, pp. 271–273.

[116] Mallows (C. L.) et Riordan (J.). – The inversion enumerator for labeled trees. *Bull. Amer. Math. Soc.*, vol. 74, 1968, pp. 92–94.

[117] Manber (U.) et Myers (G.). – Suffix arrays: a new method for on-line string searches. *SIAM J. Comput.*, vol. 22, n° 5, 1993, pp. 935–948.

[118] McCreight (E. M.). – A space-economical suffix tree construction algorithm. *J. Assoc. Comput. Mach.*, vol. 23, n° 2, 1976, pp. 262–272.

[119] Moon (J. W.). – Various proofs of Cayley's formula for counting trees. *In : A seminar on Graph Theory.* pp. 70–78. – Rinehart and Winston, 1967.

[120] Moon (J. W.). – *Counting labelled trees.* – *Canadian Mathematical Monographs*, volume 1, Canadian Mathematical Congress, Montréal, 1970.

[121] Moszkowski (P.). – Arbres et suites majeures. *Period. Math. Hungar.*, vol. 20, n° 2, 1989, pp. 147–154.

[122] Moszkowski (P.). – A solution to a problem of Dénes: a bijection between trees and factorizations of cyclic permutations. *European J. Combin.*, vol. 10, n° 1, 1989, pp. 13–16.

[123] Pansiot (J.-J.). – Nombres d'Euler et inversions dans les arbres. *European J. Combin.*, vol. 3, n° 3, 1982, pp. 259–262.

[124] Postnikov (A.). – *Enumeration in algebra and geometry.* – Thèse de Doctorat, M.I.T., 1997.

[125] Postnikov (A.). – Intransitive trees. *J. Combin. Theory Ser. A*, vol. 79, n° 2, 1997, pp. 360–366.

[126] Poulalhon (D.). – *Graphes et décompositions de permutations.* – Mémoire de DEA, LIX, Ecole Polytechnique, 1997.

[127] Poupard (C.). – De nouvelles significations énumératives des nombres d'Entringer. *Discrete Math.*, vol. 38, n° 2-3, 1982, pp. 265–271.

[128] Poupard (C.). – Deux propriétés des arbres binaires ordonnés stricts. *European J. Combin.*, vol. 10, n° 4, 1989, pp. 369–374.

[129] Prüfer (H.). – Never Beweis eines Satzes über Permutationen. *Arch. Math. Phys. Sci.*, vol. 27, 1918, pp. 742–744.

[130] Ramesh (R.) et Ramakrishnan (I. V.). – Nonlinear pattern matching in trees. *J. Assoc. Comput. Mach.*, vol. 39, n° 2, 1992, pp. 295–316.

[131] Raney (G. N.). – Functional composition patterns and power series reversion. *Trans. Amer. Math. Soc.*, vol. 94, 1960, pp. 441–451.

[132] Riordan (J.). – Forests of label-increasing trees. *J. Graph Theory*, vol. 3, n° 2, 1979, pp. 127–133.

[133] Rodeh (M.), Pratt (V. R.) et Even (S.). – Linear algorithm for data compression via string matching. *J. Assoc. Comput. Mach.*, vol. 28, n° 1, 1981, pp. 16–24.

[134] Schaeffer (G.). – Bijective census and random generation of Eulerian planar maps with prescribed vertex degrees. *Electron. J. Combin.*, vol. 4, n° 1, 1997, Research Paper 20, 14 pp.

[135] Schaeffer (G.). – *Conjugaison d'arbres et cartes combinatoires aléatoires.* – Thèse de Doctorat, LaBRI, Université Bordeaux I, 1999.

[136] Schaeffer (G.). – Random sampling of large planar maps and convex polyhedra. *In: ACM Symposium on Theory of Computing, STOC'99.* pp. 760–769. – Assoc. Comput. Mach. Press, 1999.

[137] Schieber (B.) et Vishkin (U.). – On finding lowest common ancestors: simplification and parallelization. *SIAM J. Comput.*, vol. 17, n° 6, 1988, pp. 1253–1262.

[138] Scoins (H. I.). – The number of trees with nodes of alternate parity. *Proc. Cambridge Philos. Soc.*, vol. 58, 1962, pp. 12–16.

[139] Sedgewick (R.) et Flajolet (P.). – *An introduction to the analysis of algorithms.* – Addison-Wesley Publishing Company, Reading (MA), 1996.

[140] Shi (J. Y.). – *The Kazhdan-Lusztig cells in certain affine Weyl groups.* – *Lecture Notes in Math.*, volume 1179, Springer, 1986.

[141] Shibuya (T.). – Constructing the suffix tree of a tree with a large alphabet. *In: International Symposium on Algorithms and Computation, ISAAC'99. Lecture Notes in Comput. Sci.*, volume 1741, pp. 225–236. – Springer, 1999.

[142] Shor (P. W.). – A new proof of Cayley's formula for counting labeled trees. *J. Combin. Theory Ser. A*, vol. 71, n° 1, 1995, pp. 154–158.

[143] Sloane (N. J. A.). – An on-line version of the encyclopedia of integer sequences. *Electron. J. Combin.*, vol. 1, 1994, Feature 1, 5 pp.

[144] Sloane (N. J. A.) et Plouffe (S.). – *The encyclopedia of integer sequences.* – Academic Press, San Diego, 1995.

[145] Stanley (R. P.). – Hyperplane arrangements, interval orders, and trees. *Proc. Nat. Acad. Sci. U.S.A.*, vol. 93, n° 6, 1996, pp. 2620–2625.

[146] Stanley (R. P.). – *Enumerative combinatorics. Vol. 1.* – *Cambridge Studies in Advanced Mathematics*, volume 49, Cambridge University Press, Cambridge (MA), 1997.

[147] Stanley (R. P.). – Hyperplane arrangements, parking functions and tree inversions. *In: Mathematical essays in honor of Gian-Carlo Rota. Progr. Math.*, volume 161, pp. 359–375. – Birkhäuser, 1998.

[148] Stanley (R. P.). – *Enumerative combinatorics. Vol. 2.* – *Cambridge Studies in Advanced Mathematics*, volume 62, Cambridge University Press, Cambridge (MA), 1999.

[149] Steyaert (JM.) et Flajolet (P.). – Patterns and pattern-matching in trees: an analysis. *Inform. and Control*, vol. 58, n° 1-3, 1983, pp. 19–58.

[150] Strehl (V.). – Zykel-Enumeration bei Lokal-Strukturierten Funktionen. – Habilitationsschrift, Institut für Mathematische Maschinen und Datenverarbeitung der Universität Erlangen-Nürnberg, Allemagne, 1989.

[151] Strehl (V.). – Minimal transitive products of transpositions—the reconstruction of a proof of A. Hurwitz. *Sém. Lothar. Combin.*, vol. 37, 1996, Art. S37c, 12 pp.

[152] Tai (K. C.). – The tree-to-tree correction problem. *J. Assoc. Comput. Mach.*, vol. 26, n° 3, 1979, pp. 422–433.

[153] Takács (L.). – Counting forests. *Discrete Math.*, vol. 84, n° 3, 1990, pp. 323–326.

[154] Takács (L.). – On Cayley's formula for counting forests. *J. Combin. Theory Ser. A*, vol. 53, n° 2, 1990, pp. 321–323.

[155] Thorup (M.). – Efficient preprocessing of simple binary pattern forests. *J. Algorithms*, vol. 20, n° 3, 1996, pp. 602–612.

[156] Tutte (W. T.). – A contribution to the theory of chromatic polynomials. *Canadian J. Math.*, vol. 6, 1954, pp. 80–91.

[157] Tutte (W. T.). – A census of slicings. *Canad. J. Math.*, vol. 14, 1962, pp. 708–722.

[158] Tutte (W. T.). – The number of planted plane trees with a given partition. *Amer. Math. Monthly*, vol. 71, 1964, pp. 272–277.

[159] Ukkonen (E.). – Approximate string-matching over suffix trees. *In : Combinatorial Pattern Matching, CPM'93. Lecture Notes in Comput. Sci.*, volume 684, pp. 228–242. – Springer, 1993.

[160] Ukkonen (E.). – On-line construction of suffix trees. *Algorithmica*, vol. 14, n° 3, 1995, pp. 249–260.

[161] Verma (R. M.). – Strings, trees, and patterns. *Inform. Process. Lett.*, vol. 41, n° 3, 1992, pp. 157–161.

[162] Viennot (G.). – Une interprétation combinatoire des coefficients des développements en série entière des fonctions elliptiques de Jacobi. *J. Combin. Theory Ser. A*, vol. 29, n° 2, 1980, pp. 121–133.

[163] Walsh (T. R. S.). – Hypermaps versus bipartite maps. *J. Combin. Theory Ser. B*, vol. 18, 1975, pp. 155–163.

[164] Weiner (P.). – Linear pattern matching algorithms. *In : 14th Annual IEEE Symposium on Switching and Automata Theory.* pp. 1–11. – IEEE Comput. Soc. Press, 1973.

[165] Wilf (H. S.). – *Generatingfunctionology.* – Seconde édition, Academic Press, Boston, 1994.

[166] Yan (C. H.). – Generalized tree inversions and k-parking functions. *J. Combin. Theory Ser. A*, vol. 79, n° 2, 1997, pp. 268–280.

[167] Zhang (K.) et Shasha (D.). – Simple fast algorithms for the editing distance between trees and related problems. *SIAM J. Comput.*, vol. 18, n° 6, 1989, pp. 1245–1262.

[168] Zvonkin (D.), 2000. Communication personnelle.