



UvA-DARE (Digital Academic Repository)

Games, walks and grammars: Problems I've worked on

Vervoort, M.R.

Publication date
2000

[Link to publication](#)

Citation for published version (APA):

Vervoort, M. R. (2000). *Games, walks and grammars: Problems I've worked on*. ILLC.

General rights

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <https://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

Bibliography

Blackwell Games

- [1] **V. Allis.** *A Knowledge-based Approach of Connect-Four*. Report IR-163. Faculty of Mathematics and Computer Science at the Vrije Universiteit Amsterdam. The Netherlands. 1988.
- [2] **D. Blackwell.** *Infinite G_δ games with imperfect information*. Zastosowania Matematyki Applicationes Mathematicae, Hugo Steinhaus Jubilee Volume X, p. 99-101. 1969.
- [3] **D. Blackwell.** *Operator Solution of Infinite G_δ Games of Imperfect Information*, in: T.W. Anderson, K.B. Athreya and D.L. Iglehart (editors), *Probability, Statistics and Mathematics. Papers in Honor of S. Karlin*, p. 83-87. Academic Press, New York, 1989.
- [4] **D. Blackwell and M.A. Girshick.** *Theory of Games and Statistical Decisions*. Dover Publications Inc., New York, 1954.
- [5] **M. Davis.** *Infinite games of perfect information*, in: M. Dresher, L.S. Shapley and A.W. Tucker (editors), *Advances in game theory*. Annals of Mathematics Studies 52, p.85-101. Princeton University Press, Princeton, N.J., 1964.
- [6] **D. Gale and F.M. Stewart.** *Infinite Games with Perfect Information*, in: *Contributions to the theory of Games*. Annals of Mathematics Studies 28, p.245-266. Princeton University Press, Princeton, N.J., 1953.
- [7] **A.J.C. Hurkens.** *Borel determinacy without the axiom of choice*. Universiteitsdrukkerij Nijmegen, Nijmegen. The Netherlands. 1993.

- [8] **A. Kanamori.** *The Higher Infinite. Large cardinals in set theory from their beginnings.* Perspectives in Mathematical Logic Series. Springer-Verlag, Berlin, 1994.
- [9] **A.S. Kechris.** *Classical Descriptive Set Theory.* Graduate Texts in Mathematics 156. Springer-Verlag, New York, 1994.
- [10] **E.M. Kleinberg.** *Infinitary Combinatorics and the Axiom of Determinateness.* Lecture Notes in Mathematics 612. Springer-Verlag, Berlin, 1977.
- [11] **B. Leuwe.** *The Projective Theory of the Reals under the Axiom of Blackwell Determinacy.* in preparation.
- [12] **A. Maitra. R. Purves and W. Sudderth.** *Approximation theorems for gambling problems and stochastic games.* in: B. Dutta, D. Mookherjee, T. Parthasarathy, T.E.S. Raghuvaran, D. Ray and S. Tijs (Editors). *Game Theory and Economic Applications (New Delhi, 1990)*, p. 114-132. Lecture Notes in Economics and Mathematical Systems 389. Springer-Verlag, Berlin, 1991.
- [13] **D.A. Martin.** *Borel Determinacy.* Annals of Mathematics 102, p. 363-371. 1975.
- [14] **D.A. Martin.** *A purely inductive proof of Borel determinacy.* in: A. Nerode and R.A. Shore (Editors). *Recursion Theory.* Proceedings of Symposia in Pure Mathematics 42, p. 303-308. American Mathematical Society, Providence, R.I., 1985.
- [15] **D.A. Martin and J.R. Steel.** *A proof of projective determinacy.* Journal of the American Mathematical Society 2, p. 71-125. 1989.
- [16] **D.A. Martin.** *The determinacy of Blackwell games.* Journal of Symbolic Logic 63, no. 4, p. 1565-1581. 1998.
- [17] **J. Mycielski and H. Steinhaus.** *A mathematical axiom contradicting the axiom of choice.* Bulletin de l'Académie Polonaise des Sciences. Série des sciences mathématiques, astronomiques et physiques 10, p. 1-3. 1962.
- [18] **J. von Neumann.** *Zur Theorie der Gesellschaftsspiele.* Mathematischen Annalen. Volume 100, p. 295-320. 1928.
- [19] **M. Vervoort** *An Elementary Construction of an Ultrafilter on \aleph_1 , using the Axiom of Determinateness.* ILLC Research Report ML-1994-13. Institute for Logic, Language and Computation, Amsterdam, 1994.
- [20] **M. Vervoort.** *Blackwell Games.* in: T.S. Ferguson, L.S. Shapley and J.B. MacQueen (editors). *Statistics, probability and Game Theory. Papers in Honor of David Blackwell.* p. 369-390. IMS Lecture Notes - Monograph Series 30. Institute of Mathematical Statistics, Hayward, California, 1996.

Random Walks

- [21] **L.O. Arkeryd, N.J. Cutland and C.W. Henson (editors)**. *Nonstandard Analysis: Theory and Applications*. NATO Advanced Science Institutes Series C: Mathematical and Physical Sciences, Volume 493. Kluwer Acad. Publ. Dordrecht, the Netherlands, 1997.
- [22] **D. Coppersmith and P. Diaconis**. *Random Walk with Reinforcement*. unpublished, 1987.
- [23] **B. Davis**. *Reinforced Random Walk*. Probability Theory and Related Fields 84, page 202-229, 1990.
- [24] **J.L. Doob**. *Stochastic Processes*. John Wiley and Sons, New York, 1953.
- [25] **P. Doyle and L. Snell**. *Random Walks and Electric Networks*. Carus Mathematical Monographs, Mathematical Association of America, Washington, D.C., 1984.
- [26] **S. Kakutani**. *Markov Processes and the Dirichlet Problem*. Proceedings of the Japan Academy Series A: Mathematical Sciences, Volume 21, page 227-233, 1945.
- [27] **E. Nelson**. *Internal Set Theory: A New Approach to Nonstandard Analysis*. Bulletin of the American Mathematical Society 83, page 1165-1198, 1977.
- [28] **E. Nelson**. *The Syntax of Nonstandard Analysis*. Annals of Pure and Applied Logic 38, page 123-134, 1988.
- [29] **R. Pemantle**. *Phase Transition in Reinforced Random Walk and RWRE on Trees*. Annals of Probability 16, page 1229-1241, 1988.
- [30] **P. Pólya and F. Eggenberger**. *Über die Statistik verketteter Vorgänge*. Zeitschrift für Angewandte Mathematik und Mechanik 3, page 279-289, 1923.
- [31] **T. Sellke**. *Recurrence of Reinforced Random Walk on a Ladder*. Technical Report #93-10, Department of Statistics, Purdue University, West Lafayette, Indiana, 1993.
- [32] **F. Spitzer**. *Principles of Random Walks*. The University Series in Higher Mathematics, D. Van Nostrand Co., Inc., Princeton, N.J.-Toronto-London, 1964.

EMILE

- [33] **P. Adriaans.** *Language Learning from a Categorical Perspective.* PhD thesis. University of Amsterdam. 1992.
- [34] **P. Adriaans.** *Learning Shallow Context-Free Languages under Simple Distributions.* ILLC Research Report PP-1999-13. Institute for Logic, Language and Computation. Amsterdam. 1999.
- [35] **P. Adriaans, M. Trautwein, M. Vervoort.** *The Emile Approach to Grammar Induction put into Practice.* in preparation.
- [36] **E. Dörnenburg.** *Extension of the EMILE algorithm for inductive learning of context-free grammars for natural languages.* Master's Thesis. University of Dortmund. 1997.