BIBLIOGRAPHY

David Blackwell

- [1] "Idempotent Markoff chains", Ann. of Math. 43, (1942), 560-567.
- [2] "The existence of anormal chains", Bull. Amer. Math. Soc. **51**, (1945), 465-468.
- [3] "Finite non-homogeneous chains", Ann. Math. 46, (1945), 594-599.
- [4] "On an equation of Wald", Ann. Math. Stat. 17, (1946), 84-87.
- [5] "On functions of sequences of independent chance vectors with applications to the problem of the 'random walk' in k dimensions", Ann. Math. Stat. 17, (1946), 310-317 (with M. A. Girshick).
- [6] "Conditional expectation and unbiased sequential estimation", Ann. Math. Stat. 18, (1947), 105-110.
- [7] "A lower bound for the variance of some unbiased sequential estimates", Ann. Math. Stat. 18, (1947), 277-280 (with M. A. Girshick).
- [8] "A renewal theorem", Duke Math. Jour. 15, (1948), 145-150.
- [9] "Bayes and minimax solutions of sequential decision problems", Econometrica 17, (1949), 213-244 (with K. J. Arrow and M. A. Girshick).
- [10] "Some two-person games involving bluffing", Proc. Nat. Acad. Sci. 35, (1949), 600-605, (with R. Bellman).
- [11] "Comparison of experiments", Proc. Second Berkeley Symposium on Math. Stat. and Prob., University of California Press, (1951), 93-102.
- [12] "The range of certain vector integrals", Proc. Amer. Math. Soc. 2, (1951), 390-395.
- [13] "On a theorem of Lyapunov", Ann. Math. Stat. 22, (1951), 112-114.
- [14] "On moment spaces", Ann. of Math. 54, (1951), 272-274 (with R. Bellman).
- [15] "On the translation parameter problem for discrete variables", Ann. Math. Stat. 22, (1951), 393-399.
- [16] "Admissible points of convex sets", Contributions to the Theory of Games II, Ann. Math. Studies No. 28, Princeton University Press, (1953), 87-91 (with K. J. Arrow and E. W. Barankin).
- [17] "On randomization in statistical games with k terminal actions", Contributions to the Theory of Games II, Ann. Math. Studies No. 28, Princeton University Press, (1953), 183-187.

- [18] "Extension of a renewal theorem", Pacific Jour. Math. 3, (1953), 315-320.
- [19] "Equivalent comparisons of experiments", Ann. Math. Stat. 24, (1953), 265-272.
- [20] "On optimal systems", Ann. Math. Stat. 25, (1954), 394-397.
- [21] "A representation problem", Proc. Amer. Math. Soc. 5, (1954), 283-287.
- [22] Theory of Games and Statistical Decisions, Wiley and Sons, 1954, xi+355 pp. (with M. A. Girshick).
- [23] "On multi-component attrition games", Naval Research Logistics Quarterly 1 (1954), 210-216.
- [24] "On transient Markov processes with a countable number of states and stationary transition probabilities", Ann. Math. Stat. 26, (1955), 654-658.
- [25] "An analog of the minimax theorem for vector payoffs", Pacific Jour. Math. 6, (1956), 1-8.
- [26] "On a class of probability spaces", Proc. Third Berkeley Symposium on Math. Stat. and Prob., University of California Press, Vol. 2 (1956), 1-6.
- [27] "Controlled random walks", Proc. of the Internat. Congress of Mathematicians, Amsterdam 1954; Vol. 3 (1956), 336-338.
- [28] "On discrete variables whose sum is absolutely continuous", Ann. Math. Stat. 28, (1957), 520-521.
- [29] "Design for the control of selection bias", Ann. Math. Stat. 28, (1957), 449-460 (with J. L. Hodges, Jr.).
- [30] "On the identifiability problem for functions of finite Markov chains", Ann. Math. Stat. 28, (1957), 1011-1015 (with L. Koopmans).
- [31] "The entropy of functions of finite-state Markov chains", Trans. First Prague Conference on Information Theory, Decision Functions, and Random Processes, Prague, (1957), 13-20.
- [32] "Another countable Markov process with only instantaneous states", Ann. Math. Stat. 29, (1958), 313-316.
- [33] "Proof of Shannon's transmission theorem for finite-state indecomposable channels", *Ann. Math. Stat.* **29**, (1958), 1209-1220 (with L. Breiman and A. J. Thomasian).
- [34] "The probability in the extreme tail of a convolution", Ann. Math. Stat. 30, (1959), 1113-1120 (with J. L. Hodges, Jr).

- [35] "The capacity of a class of channels", Ann. Math. Stat. 30, (1959), 1229-1241 (with L. Breiman and A. J. Thomasian).
- [36] "Infinite codes for memoryless channels", Ann. Math. Stat. 30, (1959), 1242-1244.
- [37] "The capacities of certain channel classes under random coding", Ann. Math. Stat. 31, (1960), 558-567 (with L. Breiman and A. J. Thomasian).
- [38] "On the completeness of order statistics", Ann. Math. Stat. 31, (1960), 794-797 (with C. B. Bell and L. Breiman).
- [39] "On the functional equation of dynamic programming", Jour. Math. Analysis and Applications, 2, (1961), 273-276.
- [40] "Minimax and irreducible matrices", Jour. Math. Analysis and Applications, 3, (1961), 37-39.
- [41] "Exponential error bounds for finite-state channels", Proc. Fourth Berkeley Symposium on Math. Stat. and Prob., University of Calif. Press, Vol. 1 (1961) 57-63.
- [42] "Discrete dynamic programming", Ann. Math. Stat. 33, (1962), 719-726.
- [43] "Merging of opinions with increasing information", Ann. Math. Stat. 33, (1962), 882-886 (with L. E. Dubins).
- [44] "A converse to the dominated convergence theorem", Ill. Jour. Math. 7, (1963), 508-514 (with L. E. Dubins)
- [45] "Non-existence of everywhere proper conditional distributions", Ann. Math. Stat. 34, (1963), 223-225 (with C. Ryll-Nardzewski)
- [46] "Sharp bounds on the distribution of the Hardy-Littlewood maximal function", *Proc. Amer. Math. Soc.* **14**, (1963), 450-453 (with L. E. Dubins).
- [47] "Memoryless strategies in finite-state dynamic programming", Ann. Math. Stat. 35, (1964), 853-865.
- [48] "The tail σ -field of a Markov chain and a theorem of Orey", Ann. Math. Stat. 35, (1964), 1291-1295 (with D. Freedman).
- [49] "The last return to equilibrium in a coin tossing game", Ann. Math. Stat. 35, (1964), p. 1344 (with P. Deuel and D. Freedman).
- [50] "A remark on the coin tossing game", Ann. Math. Stat. 35, (1964), 1345-1347 (with D. Freedman).
- [51] "Probability bounds via dynamic programming", Stochastic Processes in Mathematical Physics and Engineering, Proc. of Symposia in Applied Math., Vol. XVI, (1964), 277-280.

- [52] "The Martin boundary for Polya's urn scheme", Jour. Applied Prob. 1, (1964), 284-296 (with D. G. Kendall).
- [53] "Discounted dynamic programming", Ann. Math. Stat. 36, (1965), 226-235.
- [54] "Positive dynamic programing", Proc. Fifth Berkeley Symposium on Math. Stat. and Prob. 1, Univ. of California Press, (1966), 415-418.
- [55] "A note on Bayes estimates", Ann. Math. Stat. 38 (1967), 1907-1912 (with P. Bickel).
- [56] "Infinite games and analytic sets", Proc. Nat. Acad. Sci. 58, (1967), 1836-1837.
- [57] "Elementary path counts", Amer. Math. Monthly 74, (1967), 801-804 (with J. L Hodges, Jr.).
- [58] "An elementary proof of an identity of Gould's", Reimpreso de Boletin de la Sociedad Matematica Mexicana 2, (1968), 108-110 (with L. Dubins).
- [59] "The big match", Ann. Math. Stat. 39, (1968), 159-163 (with T. S. Ferguson).
- [60] "A Borel set not containing a graph", Ann. Math. Stat. 39, (1968), 1345-1347.
- [61] "On the local behavior of Markov transition probabilities", Ann. Math. Stat. 39, (1968), 2123-2127 (with D. Freedman).
- [62] "Infinite G_{δ} games with imperfect information", Zastosowania Matematyki Applicationes Matematicae 10, Hugo Steinhaus Jubilee Volume (1969), 99-101.
- [63] "On stationary policies", J. Roy. Stat. Soc. A 133, (1970), 33-37.
- [64] Basic Statistics, McGraw-Hill, New York, 1970.
- [65] "Ferguson distributions via Polya urn schemes", Ann. Statist. 1, (1973), 353-355 (with J. B. MacQueen).
- [66] "Discreteness of Ferguson selections", Ann. Statist. 1.(1973), 356-358.
- [67] "On the amount of variance needed to escape from a strip", Ann. Prob.1 (1973) 772-787 (with D. Freedman).
- [68] "The optimal reward operator in dynamic programming", Ann. Prob. 2, 926-941 (with D. Freedman and M. Orkin).
- [69] "On existence and non-existence of proper, regular conditional distributions", Ann. Prob. 3, 741-752 (with L. Dubins).

- [70] "The stochastic processes of Borel gambling and dynamic programming", Ann. Statist. 4, (1976), 370-374.
- [71] "Borel-programmable functions", Ann. Prob. 6, (1978), 321-324.
- [72] "There are no Borel SPLIF's", Ann. Prob. 8, (1980), 1189-1190.
- [73] "Borel sets via games", Ann. Prob. 9, (1981), 321-322.
- [74] "A Bayes but not classically sufficient statistic", Ann. Statist. 10, (1982), 1025-1026 (with Ramamoorthi).
- [75] "A hypothesis-testing game without a value", in Festschrift for Erich L. Lehmann, Wadsworth, (1983), 79-82.
- [76] "An extension of Skorohod's almost sure representation theorem", Proc. Amer. Math. Soc. 89, (1983), 691-692 (with L. Dubins).
- [77] "Factorization of probability measures and absolutely measureable sets", Proc. Amer. Math. Soc. 92, (1984), 251-254 (with A. Maitra).
- [78] "Ulam's redistribution of energy problem: Collision transformations", Letters in Mathematical Physics 10, (1985), 149-153 (with R. D. Mauldin).
- [79] "Stationary plans need not be uniformly adequate for leavable, Borel gambling problems", Proc. Amer. Math. Soc. 102, (1988), 1024-1027 (with S. Ramakrishnan).
- [80] "Operator solution of infinite G_{δ} games of imperfect information", Probability, Statistics and Mathematics. Papers in honor of Samuel Karlin, Academic Press, (1989), 83-88.