Kolmogorov, A. N. (1965). Three approaches to the definition of the concept 'quantity of information', *Problemy Peredachi Informacii*, Vol. 1, pp. 3-11.

LEVIN, M., MINSKY, M., and SILVER, R. (1962). On the problem of the effective definition of 'random sequence', memo 36 (revised), RLE. and MIT Computation Centre.

LOVELAND, D. (1966). A new interpretation of the Von Mises's concept of random sequences, Zeitschr. f. Math. Bd., Vol. 12, pp. 279-294. MARTIN-LÖF, P. (1968). The definition of random sequences, Information and Control, Vol. 9, pp. 602-619.

MINSKY, M. (1967). Computation: Finite and Infinite Machines. Prentice-Hall, Englewood Cliffs, N.J.

ROGERS, H. Jr. (1967). Theory of Recursive Functions and Effective Computability. McGraw-Hill, New York.

SOLOMONOFF, R. J. (1964). A formal Theory of Inductive Inference, Information and Control, Vol. 7, pp. 1-22 and pp. 224-254.

STENTIFORD, F. W. M., and Lewin, D. W. (1971). Heuristic procedure for the reduction of finite-state machines, *Electronics Letters*, Vol. 7, No. 23, pp. 700-702.

STENTIFORD, F. W. M. (1972). A new concept in the design of automata, Ph.D. dissertation, Southampton University.

Von Mises, R. (1957). Probability, Statistics and Truth, (2nd English edition, translated from German). Macmillan, New York.

Wald, A. (1937). Die Widerspruchsfreiheit des Kollektivbegriffs der Wahrscheinlichkeitsrechnung, Ergebruisse eines Mathematishen Kolloquiums, Vol. 8, pp. 38-72.

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