

Subject Index

- A
- Additive Noise, Communications through Unspecified, WILLIAM L. ROOT 15
- Automata
- On the Definition of a Family of, M. P. SCHÜTZENBERGER 245
- A Remark on Finite Transducers, M. P. SCHÜTZENBERGER 185
- State-Identification Experiments in Finite, ARTHUR GILL 132
- C
- Coding Theory
- Burst Detecting Sum Codes, A Note on, JAY M. BERGER 297
- Capacity of Compound Channels in the Semicontinuous Case, Some Remarks on the, HARRY KESTEN 169
- Codes, On Constructing Group, RANAN B. BANERJI 1
- Error Detection Codes for Asymmetric Channels, A Note on, J. M. BERGER 68
- Multiple Burst Error Correction, JEREMY J. STONE 324
- New Class of Codes, A Note on a, GUSTAVE SOLOMON 364
- Number of Code Points in a Minimum Distance Binary Code. I, Some Lower Bounds on the, R. P. BAMBAH, D. D. JOSHI, AND INDAR S. LUTHAR 313
- Number of Code Points in a Minimum Distance Binary Code. II, Some Lower Bounds on the, R. P. BAMBAH, D. D. JOSHI, AND INDAR S. LUTHAR 320
- Rank and Nullity in Coding Theory, A Note on, LORENZO CALABI 359
- Concept Formation and Association, A Note on, SATOSI WATANABE 291
- Control Processes, A Note on Interrupted Stochastic, RICHARD BELLMAN AND ROBERT KALABA 346
- Remark on the Paper by Bellman and Kalaba, L. A. ZADEH 350
- D
- Deciding and Decisionary Effort, Amount of, I. J. GOOD 271
- Decision Networks Using Summation Elements, A Note on Realization of, P. M. LEWIS, II 282
- I
- Information, Paradoxes Related to the Rate of Transmission of, (Errata), PETER SWERLING 242
- Information Processing Machines, Symbolic Analyses of a Decomposition of, (Errata), J. HARTMANIS 95
- L
- Linguistics
- Letters in English Words, A Study of the Statistics of, CHARLES P. BOURNE AND DONALD F. FORD 48
- Mathematical Induction on Phrase Structure Grammars, A Note on, ROBERT W. FLOYD 353
- Re: Type - Token Mathematics (Letter), G. HERDAN 239
- Comment on Dr. Herdan's Letter, BENOIT MANDELBROT 241

P

Pattern Recognition

- Automatic Pattern Recognition by a Gestalt Method, VINCENT E. GIULIANO, PAUL E. JONES, GEORGE E. KIMBALL, RICHARD F. MEYER, AND BARRY A. STEIN 332
- Recognition of Hand-Printed Characters, A Note on, H. W. TUFFILL 197
- Phase Plane Analysis. The Application of Lienard's Construction to a Particularly Important Second Order Nonlinear Differential Equation, RICHARD F. WHITBECK 30
- Probability Distributions, A Metric Space of Discrete, C. RAJSKI 371
- Propositional Logic, A New Type of

Computer for Problems in, COLIN CHERRY AND P. K. T. VASWANI 155

S

- Sampling Theorems and Bases in a Hilbert Space, FREDERICK J. BEUTLER 97
- Skew Distribution Functions, Final Note on a Class of; Analysis and Critique of a Model Due to H. A. SIMON, BENOIT MANDELBROT 198
- Reply to "Final Note" by Benoit Mandelbrot, HERBERT A. SIMON 217
- Post Scriptum to "Final Note", BENOIT MANDELBROT 300
- Reply to Dr. Mandelbrot's "Post Scriptum", HERBERT A. SIMON 309
- Editorial Note 305