

11/6/834  
Engineering  
Electrical Engineering  
Biological Computer Laboratory Publications, 1957-1976

Box 1:

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Proposals

- Nonr Contract 1834(21)  
Proposal and Revised Budget, June 6, 1960
- AF-OSR  
Theory and Applications of Computational Principles in Complex,  
Intelligent Systems, Sept. 15, 1966
- NASA  
Toward the Mechanization of Cognitive Processes, May 1, 1967
- AF-OSR  
Theory and Application of Computational Principles in Cognitive  
System, June 1, 1967
- OEC Grant  
Cognitive Memory: A Computer-Oriented Epistemological Approach to  
Information Storage and Retrieval, March 1, 1969
- AF-OSR  
Analysis and Synthesis of Cognitive Processes and Systems,  
June 20, 1969
- AF-OSR  
Toward Direct Access Intelligence Systems  
Aug. 1, 1970 52pp.  
June 1, 1971 104pp.
- AF-OSR  
Beyond Numerical Computers: Technology for Information Processing in  
Higher Order Representations, June 1, 1972

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- AF Grant 7-63  
Cognition Theory, Ronald J. Swallow, June 1964
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- TR No. 6: Table of the Stirling Numbers of the Second Kind, Alex M. Andrew,  
December 1965
- TR No. 8: Automatic Adjustment in a Continuous Environment, Alex M. Andrew,  
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- AF-AFOSR Grant 7-67/AF-33(615)-3890
- TR No. 10: The Significance of the Second Format in Speech Intelligibility, Ian  
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- TR No. 11: The Visual Image Processor, John K. Russell, June 1967
- TR No. 12: Classification and Enumeration of Autonomous Sequential Machines,  
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TR No. 16: The Analysis and Synthesis of a Learning Teaching System, Gerald F. Brieske, June 1969  
Final Report: Analysis and Synthesis of Cognitive Processes and Systems, December 15, 1969  
Annual Inventory of Research for Af-OSR 767 and AF-OSR 70-1865, December 15, 1969

AF 33 (615)-3890

Monthly Progress Reports nos. 1-36, April 1, 1966-March 31, 1969  
Interim Technical Reports nos. 1-11, July 1966-January 1969  
Final Report, May 1969

Final Report on Direct Access Intelligence Systems, Af-OSR Grants 7-63, 7-64, 7-66, 7-67, and 70-1865

AF 33(615)-2573

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AF 33(616)-6428

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Final Report, July 1962  
TR no. 1: Computation of Invariants in Continuous and Discrete Manifolds, S. Cheng et. al., July 1962, May 1963  
TR No. 3-1: A Dynamic Signal Analyzer, M.L. Babcock et. al., January 1962

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TR No. 17: Functional Organization of the Tectum of the Tiger Salamander, Edward R. Gruberg, October 1969  
TR No. 18: Cylinders: A Relational Data Structure, Paul E. Weston, February 1970

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TR No. 19: Neural Modelling: Methodology, Techniques and a Multilinear Model for Information Processing, Michael G. Wilkins, November 1970  
TR No. 20: Real-Time Display Techniques for the Neurophysiological Laboratory, Kenneth J. Kokjer, October 1970  
TR No. 21: A Measure of Dimensional Complexity for Multidimensional Systems, Robert F. Madden, October 1970  
TR No. 22: Pulse Interval Representations of Speech Events, J.W. Atwood, October 15, 1970  
TR No. 23: To Approach Music, Robert John Martin Jr., May 1972

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TR No. 3: The Present Theory of Switching and Some of Its Future Trends, A.A. Mullin, July 1960

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