

11/6/17
Engineering
Electrical Engineering
Biological Computer Laboratory

Box 1: Contract File

National Science Foundation 17414, 25148 27 March 1961 to 31 December 1963

"Theory and Circuity of Property Nets and Fields"

Budget

Technical reports

Reports from NSF

"Investing in Scientific Progress," 1961

"Science Course Improvement Projects," 1962-63

Correspondence with NSF

Michigan

Proposal for evaluation, 1961

Electrada Corporation proposal for evaluation, ca. 1961

Project report 23 March 1961-

Project report 23 March 1962

Project report 1963

Pronko, Eugene, 1962-64

"Formalism and Intuition in Knowledge and Evolution" by T. Thatcher Robinson

"Discrete Two Dimensial Property Detectors" by Douglas H. Taylor

Proposal - drafts

Multi-valved logic

Proposal amendment, 1961

Proposal for contract renewal, 1962

Papers produced under contract

Proposals to NSF, 1960, 1962

NSF Technical Reports - correspondence, 1962-63

Review of proposals submitted to NSF, 1961-65, 1967-68 (2 folders)

Office of Naval Research Contract NONR 1834(21), ONR Project No. NR 049-123

1 January 1958 to 31 July 1961

Symposium transaction, 1959-62

Symposium, 1960

Preface to "Principles of Self-Organization"

Reprint orders for symposium papers

Introductory symposium session, 8 June 1960

Final remarks

Technical reports and papers, 1959-60, 1963

Correspondence on symposium papers, 1960-64 (4 folders)

Accomplishment summary, November 1960-November 1961

Publicity, 1960-63

Project notes

Bell Laboratories paper on neuron circuits 1959
Quarterly progress reports, April 1958-November 1960

Box 2:

Patents, 1960-62
Correspondence on reports and proposals, 1958-1962, 1964
Monthly budgets, 1958-1961
References and bibliography
Report on temperature distribution
Working papers - Gordon Pask (2 folders)
Renewal proposal and revised budget, 1960,
Massachusetts Institute of Technology, 1962
Youit, Marchall C. - ONR, 1957-59
Proposal for acceleration of contract, 1960
Summary of research
Reports and summaries
Biological computer paper by Warren McCulloch, 1958
Gordon Pask manuscripts (2 folders)
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Contract Accounting, 1961-63
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Power Magnetrons for Frequencies About 2000 Megacycles"
Correspondence with Air Force, 1950, 1952 (2 folders)
Technical Reports 1-2, 1951
Progress Reports 1-6, 8-27, 1946-1951
"An RF Power Meter Employing a Stabilized Computer Circuit", 30 June 1950
United States Air Force, Air Material Command WL-S (Watson Laboratories, AF 19(122)-5)
"Millimeter Wave Research"
Proposals, 1951
Interim reports 1-15, 1949-1952
Technical reports 1-5, 1951
Final report, W28-099-ac-126

Box 3:

Final report, AF19 (122)-5, 15 August 1952
Final report on continuation

United States Air Force, Office of Scientific Research AF 18 (600)-1018 "The Time Element in Photo Electric Emission"

Correspondence, 1955-59

Bibliography

Kerr-Guide materials

Kerr-Cell illustration

Ph.D thesis of George L. Clark

Kerr-Cell material

Correspondence, 1957, 1960

Proposals

Technical Notes 1-2, 1955, 1957

Progress Reports 1-15, 1954-57

Final Report, 1958

Papers received from other contracts, 1959, 1961, 1963

United States Air Force, Air Material Command AF 18(600)-23 (also see Box 4, W33-038aC-14742) "Wide-Range Tunable Local Oscillator Tubes for 7900 to 13,400 Megacycles"

Proposals, 1951-52

Progress reports 1-3, 1951-52

Monthly letters, 1952-53

Rotation paper and correspondence

Engineering Reports 1-2, 1952

United States Air Force, Cambridge Research Center AF 19(604)-524

"Research in Physical Electronics"

Proposals, 1952-53, 1955-56

Correspondence, 1958

Quarterly Report 1, 1953

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Final Report, 1957 (included with final 4 quarterly reports)

Technical Reports 1-9, 1953-56

Scientific Report #10, 1957

United States Army Air Forces, Air Material Command W33-038ac14742, "Wide Range Tunable Local Oscillator Tubes for 7900-13400 Megacycles"

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Office of Naval Research N6-ori-71 Task XIX; 56; 1834(08)
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Final report (XIX) 1955
(XIX) Working papers
Proposals, 1949-57, 1959
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1834(08) Progress Report 1-6, 1956-58
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Technical report 5-3 (XIX)
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A.L. Samuel, 1948
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Grant application
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NASA
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Budgets, correspondence, forms
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Neurosciences Research Program, Massachusetts Institute of Technology, 1963-64
Research Grants Index, 1961
Applications for grants (4)
CA-04044
 "Mechanisms of White Cell Production and Turnover" 1 July 1958-21 October 1963
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Instrumentation
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Lipkin, Lewis, 1963
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Bond, V. P., 1961
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Oldfield, D. G., 1964
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Trucco, Ernesto
Progress report, 28 February 1961;1963

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Appendix I, Mitotic Indices, 1961
Mitotic Indices - Notes
HSIE, Label appearance
Hamilton, L. D., 1959, 1963-64
Evior calculations
Error graphs
Proposal for contract continuation, 1961
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Label appearance-notes, 1958
Mitotic Indices II-notes

Brookhaven National Laboratory, 1958-64

Grain count

Brecher v. Sainte-Marie, 1962, 1964

Hematology-notes

Technical report on Label Incorporation

Outline

Progress report, 1 July 1962

Sargent, Fred and Magnussen, Peter, 1963

Patt, Harvey, 1963

Argonne National Laboratory, 1963

Population notes

Publications, 1959-62

Salk Institute, 1965

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Figures 1-4

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Dr. Steele, Wright Field

Proposals (3 folders), 1959-60

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 - U. of Georgia (Mythology), 1966
 - Athens proposal, 1965-66

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- Correspondence, 1966-69
- Purchase and Check Requests (5 folders), 1966-69
- IBM Typewriter Project, 1968
- Travel Request forms
- Budget Amendments, 1966-68
- U. of Georgia Move, 1966
- Georgia budget, 1966-68
- Purchase and Check Requests, 1967-69 (2 folders)
- Payroll, 1967-68 (2 folders)
- Departmental budget, 1966-69
- Correspondence, 1966-70
- Homes in Athens
- Steno book
- THEMIS, 1968
- Bendix Corporation
 - Proposal and correspondence, 1967, 1969-70

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Evaluation of Harth proposal, 1970

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United States Army Research Office DA-ARO-D-31-124-6998, "Notation of Movement" 1

March 1968 to 31 August 1969

Areas of Army Research Interest, 1970

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Photo experiments

Eshkol-proposal, 1967

Drawings-final representations

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Eshkol - Center for Advanced Study, 1969

Wachmann, Abraham, 1968

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Notes, correspondence, 1967

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 Organization
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- "Cylinders: A Relational Data Structure," Paul E. Weston, AF-OSR 70-1865, OEC 1-7-071213-4557, Technical Report 18, February 1970
- "On the Realization of Linear Automata," Thomas J. C. Wey, AF-OSR 7-67, Technical Reprt 14, June 1969
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- "Table of the Stirling Numbers of the Second Kind," Alex M. Andrew, AF 7-64, Technical Report 6, December 1965
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Publications and forms: non-BCL, 1960, 1968
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Advisory Groups on Electron Tubes, 1956-58
Conferences, 1950-51, 1953, 1955-57 (7 folders)
Symposium on Pattern Recognition, October 1957
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International Conference on Cybernetics, September 1958
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January 1959
Western Electronic Show and Convention, August 1959
American Association for the Advancement of Science, December 1959
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New York Academy of Science, May 1960
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Michigan Communication Sciences Colloquium, April 1961
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Bionics symposium, August-September 1961
Meeting of Minds program, February 1961
American Medical Association Clinical Session, November 1961
Conference on Application of Digital Computers to Automated Instruction, October 1961
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Conferences, 1962
Conference on Law and Electronics, May 1962
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University of Illinois Zoology seminar, January 1962
Southern Illinois University Sigma Xi Club, January 1962
Philco Symposium on the Application of Switching Theory in Space Technology, February-March 1962
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British Broadcasting Corporation, February 1962
Washington, April 1962
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Florida State, January 1962
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University of Kansas Medical Center, August 1962
 Ohio State seminar, March 1962
 American Institute of Electrical Engineers, October, 1962, December 1962
 Conference on I-Formation Processing in the Nervous System, September 1962
 National Electronics Conference, October 1962
 Conference on Data Acquisition and Processing in Biology and Medicine, July 1962
 Allerton Conference on Typographic Arts, October 1962
 Borg-Warner Research Center, October, 1962
 Information System Sciences, November 1962
 Melpar, June 1962
 Conference on the Design of Experiments in Army Research, Development and Testing, October 1962
 LFE Electronics, December 1962
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 North Carolina School of Design, February 1963
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 MIT Lincoln Laboratory Summer Study, June-August 1963
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 General Electric Silicones
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 Annual Review of Electronics Research, October 1963
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Chapman, Holdsmith and Yamasaki Seminar, December 1964
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Mexico, June 1964
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Santiago, March-April 1964
Briefing on New Horizons in Science, November 1964
Moscow, August 1964
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NBC
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Bloomington, October 1964
General Electric, Nov. 1964
McKinley Health Service, October 1964
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UI Annual Review of Electronics, November 1964
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1965 Conferences
Biophysical Society, February 1965
Channing-Murray Foundation, February 1965
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Zoology Lecture, March 1965
Basic Systems, September 1965
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Abstracts and Information material
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Roster
Government invitees
Members
Organizational material (3 folders)
Program material
Resume
General correspondence
Follow-up, Everitt letter
 Statistics and evaluation
 Correspondence
University of Detroit Lecture, May 1965
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History of Science Society Lecture, January 1966
W. T. Clock
New York Academy Symposium on Biological Time, January 1966
Bionics symposium, May 1966
Music 303 Lecture, February 1966
Department of Art seminar, February 1966
U. of Georgia visit, March 1966
Texas A & M, May 1966
General Electric course, May 1966
University of Hawaii symposium, February 1966
Arch/Comp, July 1966
Massachusetts Institute of Technology Neurosciences Research Program, July-August 1966
Columbia University program
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Datamation
New York Times, November 1966
Fall Joint Computer Conference, November 1966 (2 folders)
Centennial Celebration
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 People file
 Bourgin, Simon
 Carss, Brian
 Christie, George
 Chancellor, John
 Dizard, Wilson Paul
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 Duker, Sam
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Box 18:

 Levy, Harold
 Mabuchi, Kenneth
 Mager, Robert
 Markle, Susan
 Mc Hale, John - World Resources Inventory
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 Centennial titles
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 White, John
General topics
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- Reviews
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- Pask, Gordon
- Programs-material
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 - Ford Foundation
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 - Washington trips (2 folders)
 - New York City trip (2 folders)
 - Notre Dame
- Correspondence and notes
- Resume
- Proposal
- Game
- University Game
- Peltason, J.W.
- Notice
- Centennial Year publication
- Trivia correspondence
- Pask, Gordon
- Rapoport, Anatol
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- 1967 Conferences
- Bendix seminar, January 1967
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 Annual Review of Electronics, November 1967
 New York Academy of Sciences, February 1967
 Texas A & M
 University of Detroit Lecture, March 1967
 Washington trip, August 1967
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 The Art Club, April 1967
 Non-Verbal Propaganda course, March 1967
 University of Illinois Chicago Circle Lecture, March 1967
 U. S. Army Biomechanics Symposium, April 1967 (2 folders)
 Electronic Information Handling, April 1967
 American Society for Cybernetics symposium, October 1967
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 United States Air Force-Dayton, September 1967
 CBS-21st Century, June 1967
 Biomathematical Symposium March 1967
 Dayton, July-August 1967
 United States Air Force Office of Scientific Research Science Seminar, June 1967
 International Cybernetics Congress, September 1967
 University of Michigan seminar, October 1967
 Society of Typographic Arts-Allerton, September 1967
 Institute of Electrical and Electronics Engineers group conference, October 1967
 Natural History Survey, October 1967
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 Institute of Electrical and Electronics Engineers, Student Branch banquet, December 1967
 University of Georgia talk, December 1967
 American Institute of Architects, October 1967
 1968 Conferences (2 folders)
 Teach-In, March 1968
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 University of Illinois Experiment, New York meeting, January 1968
 Linguistics Club, April 1968
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University of Tennessee Symposia, April 1968
Cecil Gwinn and Darrell Moore visit, May 1968
The Future of the Brain Sciences, May 1968
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Helvey Symposium, May-June 1968
Future of Man, July 1968
Sigma Delta Epsilon talk, May 1968
University of Tennessee symposium, June 1968
Channel 3-WCIA program, October 1968
New York-Biafra, July 1968
NATO-Advisory Group for Aerospace Research and Development, September 1968
Coordinated Science Laboratory Joint Services Electronics Program Review, October 1968
Rockefeller University-Seitz, installation, October 1968
Daedalus conference November 1968

Box 20:

Daedalus conference (continued) (2 folders)
Annual Review of Electronics, November 1968
Visual perception-art course lecture, November 1968
Division of Social Sciences 292, November 1968
Summer School on Circuit Theory, June-July 1968
COMSAT, September 1968
American Society for Cybernetics symposium, October 1968
WILL program, December 1968
1969 Conferences
American Society for Cybernetics, January 1969
Wenner-Gren Symposium, March 1969 (2 folders)
Institute for Electrical and Electronics Engineers, March 1969
New York/Washington, March 1969
Mössbaver Spectroscopy meeting, March 1969
Formal Theories of Information conference, June 1969
Conference on Human and Artificial Intelligence (Watanabe), April 1969
Menninger Conferences, April 1969

University of Illinois-Chicago Circle talk, April 1969
Cybernetics Research Institute, March 1969
Chancellor's Faculty Conference, April 1969
Psychopictorics Symposium, April 1969
Harvard-Massachusetts Institute of Technology seminar (negroponte), April 1969
International Joint Conference on Artificial Intelligence, May 1969
BUILD Conference, April 1969
North Carolina State seminar, April-May 1969
National Aerospace Electronics Conference, May 1969
Self-organization notes
Global System Dynamics symposium, June 1969
Department of Defense-University Relationship, May 1969
Cybernetics Research Institute, June-July 1969 (2 folders)
Bell Telephone seminar, July 1969
American Society for Cybernetics, October 1969 (2 folders)
Coordinated Science Laboratory-Technical Advisory Committee, October 1969
International Congress of Cybernetics, September 1969
Harvard Graduate School of Design, November 1969
Annual Review of Electronics, December 1969
1970 Conferences
Winter Conference on Brain Research, January 1970
Office of Naval Research Conference
Cybernetics Research Institute, January 1970
LAS 141 course
Leipzig, February 1970
University of Illinois Faculty Forum (images), February 1970
University Forum of Current Affairs, February 1970
American Association of University Women, April 1970
University of Tennessee course, April 1970
San Francisco, June-July 1970
Lawrence Papier visit, July 1970
Teach-In, April 1970
Chemo-Computers Workshop, April 1970
Society for Applied Anthropology, April 1970
Experiments in Art and Technology, October 1970
Children's Hospital of the District of Columbia course, June 1970
University of Wisconsin institute, July 1970
Social Implications of Science and Technology, May 1970
Washington trip, June 1970
Cultural Ruturology Symposium, November 1970
Washington trip, June 1970

Cultural Futurology Symposium, November 1970
Washington trip, July 1970
Teacher's seminar, August 1970
American Society for Cybernetics, October 1970
Gordon Conference, August 1970
World Game, October 1970
Sensory-Perceptual Response Center workshop, November 1970
Joint Conference of American Geographic Society and New York Academy of Sciences, April-May 1970

Box 21:

1971 Conferences
Department of Architecture talk, March 1971
Art School of the Society of Arts and Crafts panel, April 1971
Washington trip, February 1971
American Society for Cybernetics, February 1971
World Affairs Conference, March-April 1971
The Biology Semester-University of Southern California, March 1971
Computing in the Semantic Domain, April 1971
Dance course talk, April 1971
Illinois Library Association, April 1971
Wesley Foundation, October 1971
Newman Foundation, May 1971
Theoretical Biology Symposium (Helgoland)
Gordon Research Conference, June 1971
Neurosciences Research Program, July/August 1971
Linguistic Institute, July-August 1971
Atlanta School of Art
Dominik seminar, July 1971
Environmental Arts and Sciences, June 1971
Cybernetics Research Institute, August 1971

Box 22:

Esalem Institute, October 1971
YMCA New Student Conference, September 1971
Newman Foundation, September 1971
Psychology colloquium, October 1971
Higher Education Society, October 1971
Washington trip, October 1971

Annual Review of Electronics, October 1971
Washington trip, October 1971
Annual Review of Electronics, October 1971
Joint Conference on Artificial Intelligence, September 1971
Newman House, October 1971
Computer Science Seminar, November 1971
Speech 112 lecture, November 1971
American Society for Cybernetics, December 1971
YMCA-YWCA Faculty Forum

Box 23:

United States Air Force, Cambridge Research Center AF 19(604)-2152, "Gaseous Electronics Research"
 Proposal Quarterly Reports 1-9, 11-13, 1957-60
 Scientific Reports 1-7, 1957-59
 Working material
W33-038-ac-18106, "Development of a Broad-Band Power Meter for 100-400 mc."
 Interim Engineering Report, 1948
 Final Report, 1949