



Smithsonian Institution Archives

Curatorial Records, 1956-1988 and undated

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Collection Overview

Repository:	Smithsonian Institution Archives, Washington, D.C., osiaref@si.edu
Title:	Curatorial Records
Identifier:	Record Unit 332
Date:	1956-1988 and undated
Extent:	12 cu. ft. (24 document boxes) (oversize materials)
Creator::	National Museum of American History. Division of Physical Sciences and Mathematics
Language:	English

Administrative Information

Oversize

This collection contains oversize material.

Preferred Citation

Smithsonian Institution Archives, Record Unit 332, National Museum of American History.
Division of Physical Sciences and Mathematics, Curatorial Records

Historical Note

In 1965, a Section of Mathematics and Antique Instruments was created in the Division of Physical Sciences under Uta C. Merzbach, associate curator. The Section was renamed the Section of Mathematics in 1968, and Merzbach reported to Silvio A. Bedini, assistant director for the Museum. In 1970 the Section of Mathematics became part of the Division of Electricity and Nuclear Energy. Merzbach became involved in the Computer History Project (CHP), which included Henry S. Tropp as principal investigator. CHP was a joint research effort between the Smithsonian Institution and the American Federation of Information Processing Societies (AFIPS) to gather information on the development of computer technology. The project closed in 1974.

From 1974 to 1977, the Section of Mathematics reported to the chairman of the Department of Science and Technology. In 1978 it became the Division of Mathematics in the Department of History of Science; and in 1987, it merged with the Division of Physical Sciences to form the Division of Physical Sciences and Mathematics.

The Division of Mathematics and its predecessors were concerned with the history of mathematical calculating instruments, both domestic and foreign, dating back to the eighteenth century. The Division prepared exhibitions for the Hall of Mathematics and collected artifacts such as planimeters, slide rules, mechanical calculators, digital electronic computers, and astrolabes. Curators and staff of the Division and its predecessors included Robert P. Multhauf, curator of Physical Sciences and Measurement, 1955-1957,

curator of Physical Sciences, 1957-1964; Uta C. Merzbach, associate curator of Physical Sciences, 1964, associate curator of Mathematics and Antique Instruments, 1965-1968, associate curator of Mathematics, 1968-1970, Curator of Mathematics, 1970-1988; and Henry S. Tropp, principal investigator of the Computer History Project, 1971-1974.

Descriptive Entry

These records include administrative files of the Division of Mathematics and its predecessors; Merzbach correspondence with computer industries, university professors, and pioneers or experts in the field of computing science; exhibition scripts, research material, and blueprints for the Hall of Mathematics; Computer History Project research files, correspondence, floor plans, and budgetary information; and photographs of exhibitions, artifacts, and Division staff.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

Mathematics -- History
Museum curators
Physical sciences -- History

Types of Materials:

Black-and-white photographs
Floor plans
Illustrations
Manuscripts

Names:

American Federation of Information Processing Societies
Bedini, Silvio A.
Merzbach, Uta C., 1933-
Multhauf, Robert P.
National Museum of American History (U.S.). Hall of Mathematics
National Museum of History and Technology (U.S.). Computer History Project
National Museum of History and Technology (U.S.). Department of History of Science
National Museum of History and Technology (U.S.). Department of Science and Technology
National Museum of History and Technology (U.S.). Division of Electricity and Nuclear Energy
National Museum of History and Technology (U.S.). Division of Physical Sciences
National Museum of History and Technology (U.S.). Section of Mathematics
National Museum of History and Technology (U.S.). Section of Mathematics and Antique Instruments
Tropp, Henry S.

Container Listing

Series 1: DIVISION OF MATHEMATICS, ADMINISTRATIVE RECORDS, ARRANGED ALPHABETICALLY, 1962-1988, AND UNDATED.

Box 1

- Box 1 of 24 Folder 1 Announcements, 1968-1974. Includes various memoranda and correspondence referring to security procedures, social events, time limit on museum expenditures, and seminars.
- Box 1 of 24 Folder 2 Archives of American Art, 1983-1984. Includes research presentation announcements and refers to Richard N. Murry as new Director.
- Box 1 of 24 Folder 3 Assistant Secretary for Public Service, Office of, 1980. Concerns science presentation for the University of the District of Columbia.
- Box 1 of 24 Folder 4 Assistant Secretary for Science, Office of, 1986. Concerns funding for research trip relating to the Harvard Observatory in World War II.
- Box 1 of 24 Folder 5 Association for Computing Machinery, 1967. Pertains to Twentieth Anniversary Conference and includes newspaper articles as well as brochures.
- Box 1 of 24 Folder 6 Association of Curators, 1979-1980. Includes organization chart, list of curators, and memoranda concerning consultations between curators and the National Museum of History and Technology.
- Box 1 of 24 Folder 7 Association of Curators, 1978-1979
- Box 1 of 24 Folder 8 Association of Curators, Collections Manager for The National Museum of History and Technology, 1979
- Box 1 of 24 Folders 9-11 Association of Curators, Director for the National Museum of History and Technology, 1979. Includes introduction on "The Curator and the Museum," budget justification statement to Congress for fiscal year 1980, and "A Proposal for the Development of Sports and Recreation Collections at the Smithsonian Institution."
- Box 1 of 24 Folder 12 Association of Curators, 1977-1978
- Box 1 of 24 Folders 13-15 Association of Curators, Collections Development and Research, 1977. Includes procedures for recruiting curators, "Report of the Committee on Curatorial status," outline on the "Divergence of National Museum of History and Technology Practices from Sound Principles," and questions pertaining to job structure.
- Box 1 of 24 Folder 16 Association of Curators, "Report of the Committee on Curatorial Status, Association of Curators, National Museum of History and Technology," 1977

- Box 1 of 24 Folder 17 Association of Curators, Project Manager for Exhibits, 1976-1977. Includes memoranda concerning reorganization of the Department of Cultural History, appointment of Project Manager for exhibits, transfer of library materials, and list of difficulties with the museum exhibitions program. Also includes listing of fellows and their photographs.
- Box 1 of 24 Folder 18 Association of Curators, status, 1968, 1976-1977. Pertains to curatorial research, exhibit maintenance, and paper on museum responsibilities and regulations.
- Box 1 of 24 Folders 19-21 Association of Curators, Annual Election Meetings, 1972-1977
- Box 1 of 24 Folder 22 Association of Curators, Charter of the Association Amendments, 1970-1971
- Box 1 of 24 Folder 23 Association of Curators, Officers for Membership Consideration, 1969-1970
- Box 1 of 24 Folder 24 Association of Curators, Exhibits and Collections Index, National Museum of History and Technology, 1965-1967. Includes minutes of meetings, biographical information on curators, library committee report, and museum index that lists exhibits and hall locations.
- Box 1 of 24 Folder 25 Audiovisual Support for Special Events, 1971-1978
- Box 2
- Box 2 of 24 Folder 1 Bauer, Pamela S., 1975-1979. Concerns work performance and assignments.
- Box 2 of 24 Folder 2 Becker, Ron, 1976-1977. Pertains to questions on the role of the curator in the National Museum of History and Technology.
- Box 2 of 24 Folder 3 Boorstin, Daniel, J., 1971-1972. Concerns seminars, exhibit programs, museum agendas, and committee reports.
- Box 2 of 24 Folder 4 Budget, 1983-1984. Includes personnel plan for fiscal year 1984, cost estimates, position descriptions, and promotions.
- Box 2 of 24 Folder 5 Budget, Fiscal Year 1983
- Box 2 of 24 Folders 6-7 Budget, Operating Budget Estimates, 1970-1982. Includes long range forecast and base analysis forms.
- Box 2 of 24 Folder 8 Cass, Patti H., 1975-1976. Overview of employment positions and promotional status.
- Box 2 of 24 Folder 9 Centennial Exhibit, 1973-1975. Concerns the documentation of exhibit objects and the initial undertaking of the exhibition for 1976. Also includes list of subject areas and completion dates for arranging collections.

- Box 2 of 24 Folder 10 Collections Committee, 1979-1984. Pertains to acquisitions and deaccessions.
- Box 2 of 24 Folder 11 Collections Manager, 1979-1980, 1982, 1984-1985. Pertains to museum inventory and repairs, need for collections manager assistant, and notes from FADPUG SIG/SCO lecture.
- Box 2 of 24 Folder 12 Committee on History of Philosophy and Science, 1983, 1985. Includes committee handbook that lists college courses offered at the University of Maryland, as well as lecture notices and newsletters.
- Box 2 of 24 Folder 13 Computer Service Center, 1978-1979, 1981-1982, 1984-1986. Pertains to computer training, repair orders, and staff appointments.
- Box 2 of 24 Folder 14 Cannon, Susan Faye, 1977-1979. Concerns recommendation for curatorial personnel action, job description form for the position of director, photocopies of book reviews from Science magazine, and memoranda referring to collections manager of the National Museum of History and Technology.
- Box 2 of 24 Folder 15 Conservation Division, 1978-1986. Pertains to personal gifts and donations to the museum, new staff appointments and departures, condition reports for recent accessions, and supply distribution.
- Box 2 of 24 Folder 16 Crew, Spencer R., 1981-1982. Concerns notable donations and exhibition proposal titled "From Field to Factory."
- Box 2 of 24 Folder 17 Curatorial Status Committee, 1977-1978. Consists of vacancy announcements for collections manager position, personal qualification statements, outline of curatorial responsibilities, and correspondence pertaining to minutes of meetings. Also includes memoranda referring to new security regulations on collections held at the National Museum of History and Technology.
- Box 3
- Box 3 of 24 Folder 1 Dibner Library, 1978-1980, 1985
- Box 3 of 24 Folder 2 Division of Community Life, 1980-1985. Pertains to Smithsonian Institution Traveling Exhibition Service exhibition on "Hollywood," as well as draft of a project script for "Sixteen Elm Street: The Time Machine" (formerly the "Hart House" project).
- Box 3 of 24 Folder 3 Division of Costume, 1979, 1980, 1985. Pertains to costume symposium, annual meeting of the American Association of Museums, and request for deaccession of the Gullett Collection.
- Box 3 of 24 Folder 4 Division of Electricity and Modern Physics, 1978-1981, 1983. Includes correspondence from the Chinese Institute for the History of Natural Science about delegates visiting the National Museum of History and Technology.

- Box 3 of 24 Folder 5 Division of Ethnic and Western Cultural History, 1969, 1973, 1975. Concerns presentation of dissertation titled "Death in Colonial Virginia," and annual publication of Winterthur Portfolio.
- Box 3 of 24 Folder 6 Division of Extractive Industries, 1978-1980, 1982, 1985. Pertains to change of division title to Division of Agriculture and Natural Resources, meeting of the Washington Area Seminar in Economic History, and deaccessioning of Petroleum Hall specimens.
- Box 3 of 24 Folder 7 Division of Graphic Arts, 1980-1984. Pertains to curatorial appointments, division work and current research meetings, and notice of available finding aids.
- Box 3 of 24 Folder 8 Division of Mechanical and Civil Engineering, 1983, 1985. Pertains to reorganization of division and title change to Division of Engineering and Industry, appointment of David F. Noble as curator, and photocopies of navigational instruments.
- Box 3 of 24 Folder 9 Division of Mechanisms, 1979-1980, 1982. Concerns presentation and proposal of "Standard Time" exhibit, word processor procedures, and includes film documentary notice on the "Revolution in Factory Management."
- Box 3 of 24 Folder 10 Division of Medical Sciences, 1980-1981, 1983. Includes notice of Barbara Melosh's appointment as associate curator for the Division, slide lecture and television program announcements, address list of history departments of various universities.
- Box 3 of 24 Folder 11 Division of Naval History, 1979, 1981, 1983-1984. Concerns visit of Dr. Allan G. Bromley, Research Fellow at the London Science Museum.
- Box 3 of 24 Folder 12 Division of Physical Sciences, 1978-1980, 1982, 1985. Concerns Doubleday series, gift of cathetometer from the Gaertner Corporation, and transfers and deposits from Dibner Library.
- Box 3 of 24 Folder 13 Division of Pre-Industrial History, 1970-1974. Pertains to loan of calculating machine, need for obtaining patent specification, and the removal of exhibit objects.
- Box 3 of 24 Folder 14 Documents and Archival Committee, 1979-1980. Concerns new guide to manuscript collections, inventory of manuscript collections, and document collecting policy.
- Box 3 of 24 Folder 15 Documents Collection Committee, 1978. Includes "Use of Collections" instructions and memorandum referring to its distribution.
- Box 3 of 24 Folder 16 Educational Research, Office of, 1978-1981. Includes confirmation of scheduled museum tours, lectures and internship programs.
- Box 3 of 24 Folder 17 Elementary and Secondary Education, Office of, 1983. Includes invitation and program review for "Computers and Human Learning" seminar.

- Box 3 of 24 Folder 18 Exhibits, 1972-1982. Includes report of the Exhibits Committee, as well as memoranda on exhibit procedures and modification of computing area.
- Box 3 of 24 Folder 19 Exhibits, 1968-1977. Concerns major draft exhibition proposals, seminars, and report on exhibit catalogs.
- Box 3 of 24 Folder 20 Exhibits Committee, 1969-1970. Pertains to proposed statement of policy to be read before the exhibits committee, list of Smithsonian exhibition policies, and schedule of collection costs for the exhibit halls. Also includes manuscript and final draft of paper entitled, "Scope of the Exhibits Program."
- Box 3 of 24 Folder 21 Exhibit: Weights and Measures, 1968-1969. Pertains to basic construction of models and cost of display cases.
- Box 3 of 24 Folder 22 Finn, Bernard, chairman, Department of the History of Science and Technology, 1978-1983. Concerns curatorial responsibilities, exhibit proposals, Case-of-the-Month schedules, and department expenditures.
- Box 3 of 24 Folder 23 Fromm, Erich, 1977. Pertains to Fromm's speech at "The Human Mind" lecture series.
- Box 3 of 24 Folder 24 General Counsel, Office of, 1974, 1980-1981, 1985. Concerns legal problems of museum administration and Civil Service Retirement Fund.
- Box 3 of 24 Folder 25 Hindle, Brooke, director of the National Museum of History and Technology, 1974-1978. Pertains to staff activities such as exhibition evaluations and openings, employment policies, courses, lectures, and museum inventory.
- Box 3 of 24 Folder 26 Information Resource Management, Office of, 1982-1983. Pertains to presentation on "The Canadian Heritage Information Network," computer exhibit tours, and selection of a director for Information Resource Management.
- Box 3 of 24 Folder 27 Jordan, Ona: Theormes in Color, 1980
- Box 3 of 24 Folder 28 Kennedy, Roger G., 1980, 1982, 1986. Pertains to icons on exhibit for public viewing and mathematics photo collection.

Box 4

- Box 4 of 24 Folder 1 Kidwell, Peggy A., 1985-1986. Pertains to planned transfer of electronic computers to the National Museum of American History.
- Box 4 of 24 Folder 2 Kondratas, Ray. Concerns Case-of-The-Month proposals for 1984.
- Box 4 of 24 Folder 3 Library: National Museum of History and Technology, 1964, 1969, 1975. Concerns library functions such as books recalled, organization of trade literature, hours of service, use of material and information retrieval

- Box 4 of 24 Folder 4 Mayr, Otto, History of Science, 1976-1978. Concerns five-year budget planning, book publishing, meetings of the curator, exhibition proposals, collections management policies, monthly research reports, and visit of the Secretary of the Institution.
- Box 4 of 24 Folder 5 Merzbach, Uta C., 1967-1968. Pertains to meeting with curatorial staff.
- Box 4 of 24 Folder 6 Membership and Development, Office of, 1979. Pertains to memorial fund for exhibits and includes membership donations catalog.
- Box 4 of 24 Folder 7 McGraw-Hill Bookstore, 1973. Pertains to Special Libraries Association reception and lecture. Also includes list of publications recommended by the section of Mathematics for the National Museum of History of Technology.
- Box 4 of 24 Folder 8 Molella, Arthur P., chairman, Department of the History of Science and Technology, 1983-1986. Pertains to federal departmental funds, the Dr. Frank Greenaway fellowship program, and research seminars.
- Box 4 of 24 Folder 9 Multhauf, Robert P., 1965, 1968-1969. Concerns loan of museum specimens, preparations for social events, interviews, purchase of scientific instruments for Weights and Measurements exhibit, and progress of Computer History Project.
- Box 4 of 24 Folder 10 Museum Curator Series, 1962, 1973, 1976. Includes position classification standards for the Museum Curator Series, as well as federal personnel manuals: "Reduction in Force" and "Appeals to the Commission."
- Box 4 of 24 Folder 11 Museum Curator Series, 1964, 1967. Includes daily schedule for American Folklife Conference, memorandum concerning informal minutes of meeting, description of events for American Folklife Heritage, and paper with suggestions for Cultural History films.
- Box 4 of 24 Folder 12 National Air and Space Museum, 1979-1985. Pertains to the exhibits "Fire and Ice" and "Computer in Flight."
- Box 4 of 24 Folder 13 National Museum of African Art, 1979, 1983. Includes announcements referring to the National Museum of African Art becoming a Smithsonian bureau, and the appointment of a new director.
- Box 4 of 24 Folder 14 National Museum of History and Technology, 1977. Pertains to the reorganization of the museum into four departments.
- Box 4 of 24 Folder 15 National Museum of History and Technology, Administration Procedures, 1970-1973. Pertains to the Smithsonian Science Information Exchange, revision of service fees; summary of Institution Priorities Conference; establishment of Registrar's Office; exhibition programs and special events; Smithsonian Institution Press publication processes; fiscal data; and procedures for the arrival of new collections.
- Box 4 of 24 Folder 16 National Museum of History and Technology, Reorganization, 1977. Includes memoranda and notes referring to proposed organizational

changes within the museum, as well as drawing that displays breakdown of the four departments.

Box 4 of 24 Folders 17-18 Nation of Nations, 1968, 1973-1974, and undated. Includes suggestions for the exhibit and draft, plans for the "1876 Philadelphia Centennial" exhibition, manuscripts, and photograph. Also concerns registration procedures for the exhibit, presentation of model, and proposed themes.

Box 4 of 24 Folder 19 Nations of Nations, Pavilion Concept, 1970-1971

Box 5

Box 5 of 24 Folder 1 Office of the Secretary, 1985, and undated. Pertains to continuing action on information planning, inquiries and responses referring to donations, and assistance with history of computing.

Box 5 of 24 Folder 2 Office of the Secretary, 1968-1969. Pertains to annual meeting of the Association of Curators to discuss the election of Association officers. Also includes statement, from the Association to the Secretary, which addresses the concern over a communication problem between the secretary and curatorial staff of the National Museum of History and Technology.

Box 5 of 24 Folder 3 Personnel Administration, Office of, 1978-1983. Concerns graduate training courses, year-end fiscal closings, summer and secretarial employment announcements.

Box 5 of 24 Folder 4 Pike Shop Lounge, 1966. Includes photographs chosen for lounge, memorandum listing additional pictures, and copy of exhibit questionnaire.

Box 5 of 24 Folder 5 Plant Services Branch, Office of, 1983-1984. Pertains to Division of Mathematics mail service and government driving permits.

Box 5 of 24 Folder 6 Protection Services, Office of, 1978-1986. Pertains to security restrictions, meetings and visits, parking assignments and rates, asbestos, and laboratory safety presentation.

Box 5 of 24 Folder 7 Public Affairs, Office of, 1982-1985. Includes beginner guide to computers.

Box 5 of 24 Folder 8 Public Affairs, Office of, 1976, 1980. Includes research grant application and proposal to the National Endowment for the Humanities.

Box 5 of 24 Folder 9 Public Affairs, Office of, 1978-1986. Pertains to staff appointments, public involvement with museums, filming museum collections, internships, and fellowships.

Box 5 of 24 Folder 10 Physical Sciences, 1964-1968, 1974-1975. Concerns exhibition preparations: outline of exhibit requirements scheduled for completion, contracts, production and installation, summer assistance, list of specimens, and purchases.

- Box 5 of 24 Folder 11 Public Service Committee, 1973. Pertains to recommendations for the National Museum of History and Technology newsletter, and includes format with descriptions.
- Box 5 of 24 Folder 12 Renwick Gallery, 1979, 1980-1981. Pertains to Folklife Exhibition.
- Box 5 of 24 Folder 13 Smithsonian News Service, 1983. Includes article titled "Every Little 'Bit' Helps: A Beginner's Guide to Computers."
- Box 5 of 24 Folder 14 Smithsonian Institution Traveling Exhibition Service, 1981-1982. Concerns national tour of the National Air and Space Museum's "Twenty-Five Years of Space Exploration" exhibit. Includes list of collection on display.
- Box 5 of 24 Folder 15 Steering Committee, 1969-1971. Concerns History of Science and Technology course topics, lecturers, University of Maryland involvement, and research material. Includes brochures.
- Box 5 of 24 Folder 16 Virgo, Richard, Chief of Exhibits Management, 1979-1986. Pertains to exhibit maintenance and new staff appointments.
- Box 5 of 24 Folder 17 Visitor Information and Associates Reception Center, 1982-1985. Concerns request for photographs of computer equipment from the Office of Printing and Photographic Services.
- Box 5 of 24 Folder 18 Ward, John William, 1964, 1972-1973. Includes resume and selected references; photocopy of article from the New Yorker, which pertains to Ward as new president of Amherst College; and copy of book review by John W. Ward, "Of Cogs and Machines," from The Reporter.

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Series 2: UTA C. MERZBACH, CORRESPONDENCE, ARRANGED ALPHABETICALLY, 1958-1985, AND UNDATED.

Box 5

- Box 5 of 24 Folder 19 A, 1964-1978. Correspondents include American Heritage Publishing Company, American Institute of Physics, American Society for Information Services, Association for Computing Machinery, and the Auerbach Corporation.
- Box 5 of 24 Folder 20 B, 1968-1978. Correspondents include Jean J. Bartik of Interdata; Bausch and Lomb; Bell Telephone Laboratories; W. W. Bemer of General Electric Corporation; Jock Bickert of Bickert, Browne, Coddington and Associates, Incorporated; Brunson Instrument Company; and the Burroughs Corporation. Includes photographs.

Box 6

- Box 6 of 24 Folder 1 Brioux, Alan, 1965-1975. Concerns negotiations for the purchase of antique scientific instruments, such as the Thomas de Colmar and Pascal calculating machines. Also includes photographs with descriptions.
- Box 6 of 24 Folder 2 Bromberg, Howard, 1967-1969. Pertains to COBOL materials for special computer exhibit and the Tenth Anniversary Conference on Data Systems Languages.
- Box 6 of 24 Folder 3 Burack, Benjamin, 1969. Pertains to interview with Dr. Benjamin Burack and donation of his Syllogism Machine, or "Logic Machine," to the national collections.
- Box 6 of 24 Folder 4 Burroughs Corporation, 1958-1977, and undated. Pertains to "Pilots for Atlas" films, Borroughs' "Moon-Hopkins" machine, early development of the computer industry, Twentieth Anniversary of the Association for Computing Machinery, and the advancement of business machines in scientific computation.
- Box 6 of 24 Folder 5 Ca, 1971-1978, and undated. Correspondents include Thomas C. Cadwallader; Ronald Calinger of Rensselaer Polytechnic Institute; Martin Campbell-Kelly of the Sunderland Polytechnic, Department of Mathematics and Computer Studies; Canadian Medical Association; Carnegie-Mellon University; Alan R. Catheron of The Foxboro Company; and The Catholic University of America.
- Box 6 of 24 Folder 6 Ce-Cn, 1966-1979. Correspondents include Chalmers University of Technology; John B. Gaither of Chattanooga State Technical Institute, Computer Science and Business Data Processing; and Paul Hergel of The Cincinnati Observatory.
- Box 6 of 24 Folder 7 Co-Cz, 1967-1978. Correspondents include Computer Decisions, Computer Industries Incorporated, William R. Hoover of the Computer Sciences Corporation, Computerworld, Control Data Corporation, Jacob

T. Schwartz of Courant Institute of Mathematical Sciences, Creed and Company Limited, and Stephen Cross of The Johns Hopkins University.

- Box 6 of 24 Folder 8 D, 1967-1980. Correspondents include Data Processing Management Association; Joseph W. Dauben; Davi-Callihan Pubic Relations; Department of Labor, United States; Digital Equipment Corporation; Donecker, Noonan and Perry; and O. Dopping of Information System AB.
- Box 6 of 24 Folder 9 E, 1967-1977. Correspondents include Edmund Scientific Company, EDUCOM, Encyclopedia Britannica, Envision Corporation, Erie Enameling Company, and Evans-Sutherland Computer Company.
- Box 6 of 24 Folder 10 F, 1967-1978. Correspondents include Facit AB; James R. von Feldt; Ferranti Limited; J. F. Flynn of International Business Machines Corporation; Jay W. Forrester; Robert G. Frank, Jr.; Franklin Life Insurance; Franklin Watts, Incorporated; and Laurel Furumoto.
- Box 6 of 24 Folder 11 G, 1964-1977. Correspondents include Bruce Gilchrist; Owen Gingerich of the Smithsonian Institution Astrophysical Observatory; Earl R. Godfrey; Bernard R. Goldstein; Barry L. Gomborov; I. J. Good; William L. Gould of International Business Machines Corporation; Judy V. Grabiner; Great Northern Railway Company; Thomas B. Greenslobe; H. J. Griffin; and Herbert R. J. Grosch of the Association for Computing Machinery.
- Box 6 of 24 Folder 12 H, 1967-1977, and undated. Correspondents include Arthur E. Hallerburg; Michael L. Hall; Rudolf Hirsch of the Haney Foundation, University of Pennsylvania; Harvard University; Samuel B. Harvey of the Singer Company; Hewlett-Packard; J. F. Hitchcock; Harvey J. Hoffer; Eugene A. Hoffman; Margaret E. Hoffman; Honeywell Incorporated; and Cuthbert C. Hurd of the Computer Usage Company.
- Box 6 of 24 Folder 13 I, 1966-1976. Correspondents include Indiana University, International Business Machines Corporation, International Federation for Information Processing, and International Film Bureau Incorporated.
- Box 6 of 24 Folder 14 J, 1970-1977

Box 7

- Box 7 of 24 Folder 1 K, 1965-1977, and undated. Correspondents include Karlis Karlins; Len Kaufman of Stover-Kaufman, Corporate Promotions and Communications; Jacques Kayaloff; Margret W. Kennedy; Wilbur Knorr; and David S. Kullman.
- Box 7 of 24 Folder 2 Katz, Barbara, 1979, 1981. Pertains to request to review the Crockett Johnston Collection, listen to the interview tapes and read related documentation on the Computer History Project.
- Box 7 of 24 Folder 3 Krutz, undated. Includes two manuscripts: "The Pocket Calculator of a Bygone Age" and "What Are Logarithms?"
- Box 7 of 24 Folder 4 L, 1962-1981, and undated. Correspondents include C. Donald La Budde, S. H. Lavington, Albert C. Leighton, Lester Associated Incorporated,

Elizabeth M. Lewis, Lester C. Lewis of Look Magazine, Johnathan Liebenau, Life Magazine, Litton Industries, and Lockheed Electronics Company.

- Box 7 of 24 Folder 5 L-304 Exhibit, undated. Includes graphics layout and drafts listing sequence of events for display.
- Box 7 of 24 Folder 6 Loeb, William, 1982. Pertains to donation of 1912 Dalton Adding Machine.
- Box 7 of 24 Folder 7 M, 1963-1985, and undated. Correspondents include Macworld, PC World Communications Incorporated; Adrian M. Madero; Clifford J. Maloney of the National Institutes of Health; Management Information Corporation; Gustav J. Martin; John Martinson of the Institution for Advancement of Medical Communication; Maxson Electronic Corporation; Mead Technological Laboratories; MELPAR Division of LTV Electrosystems, Incorporated; Boulton B. Miller; Paul L. Morton; and Malcolm L. Murrill of Mathematics and Science Center, Richmond, Virginia.
- Box 7 of 24 Folder 8 Michaelis, Anthony P., 1966-1974. Pertains to donation of personal library and scientific instruments.
- Box 7 of 24 Folder 9 Massachusetts Institute of Technology, 1960-1977. Pertains to the Institute's archival index holdings, oral history transcripts and programs, photographic negatives of the Whirlwind Computer Project, Smithsonian purchase of the Whirlwind Computer, and seminar on the "History of Computing."
- Box 7 of 24 Folder 10 MITRE Corporation, 1969-1977. Concerns involvement with Computer History Project and the Whirlwind Computer exhibit.
- Box 7 of 24 Folder 11 Museums, 1966-1977. Pertains to museums overseas and in the United States.
- Box 8
- Box 8 of 24 Folder 1 Museums, 1972-1985
- Box 8 of 24 Folder 2 Na-No, 1964-1985, and undated. Correspondents include National Cash Register Company, National Endowment for the Humanities, National Geographic Society, Natuur en Techniek, Joseph V. Navari, Newsweek Magazine, New York University, and Hirohiko Nismura of Information Processing of Japan.
- Box 8 of 24 Folder 3 New York, 1968-1977. Correspondents include The New York Academy of Sciences, New York Historical Society, New York Times, and New York University and Library.
- Box 8 of 24 Folder 4 O, 1968-1982. Correspondents include Olympia Werke AG and the Oral History Association.
- Box 8 of 24 Folders 5-6 P, 1958-1975, 1982, and undated. Correspondents include James J. Pastoriza of Pastoriza Electronics, Incorporated; Charles S. Peirce Foundation; Julius Petrosky of the Petrof Trading Company, Incorporated;

George A. Philbrick Researches, Incorporated; Charles A. Phillips of the Business Equipment Manufacturers Association; M. Phister Jr.; Polymetric Company; Sidney L. Pressey; Derek de Solla Price of Yale University; Harry Pritchett Associates; and Roger A. Pruitt.

- Box 8 of 24 Folder 7 Princeton University, 1970-1982
- Box 8 of 24 Folder 8 Q, 1971
- Box 8 of 24 Folder 9 R, 1965-1981. Correspondents include Radio Corporation of America, Rand Corporation, Karen D. Rappaport, Recognition Equipment Company, (Richmond, Virginia) Math and Science Center, and Roux-Devillas.
- Box 8 of 24 Folder 10 S, 1966-1983. Correspondents include George Saliba of Columbia University; Jean E. Sammet of the International Business Machines Corporation; Charles Scribner's Sons, Publisher; Shugart Associates; Helen Slotkin of the Massachusetts Institute of Technology; and Roy Soltoff of Misosys Software.
- Box 8 of 24 Folder 11 Sotheby Parke Bernet and Company, 1980
- Box 8 of 24 Folder 12 T, 1978-1985. Correspondents include Garry J. Lee of The University of Auckland, New Zealand; Texas Instruments, Incorporated; and Graham J. Tilly of The University of Sydney, Australia.
- Box 8 of 24 Folder 13 Time Life, 1984. Pertains to early calculating instruments.
- Box 8 of 24 Folder 14 U, 1979. Includes correspondence from H. and E. Urrows.
- Box 8 of 24 Folder 15 Universal Automatic Computer, 1963-1978. Includes correspondence from Harry D. Wulforst, Sperry Rand Corporation, Universal Automatic Computer Division.

Box 9

- Box 9 of 24 Folder 1 W, 1962-1985. Correspondents include Wayne University, Diane Weisz of the National Science Foundation, Westinghouse Electric Corporation, Karl L. Wildes, M. R. Williams, James S. Williamsen, Winifred Wisan, M. Woodger, Norman E. Wright, and Harry Wulforst of Sperry Rand Corporation - Universal Automatic Computer Division.
- Box 9 of 24 Folders 2-3 Wolf, William, 1967-1970, and undated. Pertains to the Massachusetts Institute of Technology and Wolf Research and Development Corporation joint involvement with the Whirlwind 1 Computer Project in Concord, Massachusetts.

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Series 3: COMPUTER HISTORY PROJECT, DIVISION RECORDS, ARRANGED ALPHABETICALLY, 1956-1985, AND UNDATED

Box 9

- Box 9 of 24 Folder 4 Accessions, 1972. Concerns donation of five volumes on "Computation Seminar Proceedings."
- Box 9 of 24 Folder 5 Administrative Procedures: Computer History Project, 1970-1974. Concerns Computer History Project quarterly reports, investigations of the Principal Investigator, procurement procedures, West Coast interviews with pioneers of computer development, grant from American Federation of Information Processing Services, publication of Whirlwind Computer script, and budget.
- Box 9 of 24 Folder 6 American Federation of Information Processing Services, 1973-1975. Pertains to account of expenditures under contract with the American Federation of Information Processing Services, Incorporated; meetings regarding the Computer History Project and final financial statement; and Fiscal Year 1974 requisitions, private and federal
- Box 9 of 24 Folder 7 Analog Calculating Devices, undated. Includes script drafts and drawings for the exhibit.
- Box 9 of 24 Folder 8 Analog Calculating Devices, Demonstration, undated. Includes graphic solution by F. B. Correia, Department of Mathematics, U.S. Naval Academy, on the mechanical analogs of linear equation. Drawings are included.
- Box 9 of 24 Folder 9 Applications for Professional Staff, 1970-1974. Includes personal qualification statements and resumes for Computer History Project fellowships.
- Box 9 of 24 Folder 10 Association for Computing Machinery, 1966-1967. Pertains to computer exhibition reception and arrangements for the Twentieth Anniversary meeting of Association for Computing Machinery. Includes list of advisors.
- Box 9 of 24 Folder 11 Atkins and Merrill, 1968. Includes business reply brochures and correspondence referring to exhibit models.
- Box 9 of 24 Folder 12 Bedini, Silvio A., Deputy Director, 1971-1973. Concerns Computer History Project publications, suggestions for film series, inventories of collections, exhibit opening and special events, inspection of National Museum of History and Technology for computer exhibit, museum committees, assigning employees of the International Business Machines Corporation to the Computer History Project, and educational activities.
- Box 9 of 24 Folder 13 Bigilow, J., 1960. Includes outline on calculating machines and notes pertaining to the significance of Charles Babbage's work.

Box 9 of 24 Folder 14 Blueprints, 1979. Consists of architectural blueprints of the floor plans of the Mathematics Hall prior to 1966.

Box 10

Box 10 of 24 Folder 1 Blueprint: Brachistochrone, 1961

Box 10 of 24 Folder 2 Blueprint: Counting Demonstration Floor Plan, 1962

Box 10 of 24 Folder 3 Blueprints, 1970, 1972. Consists of schematic diagrams of units within History and Technology exhibit number one.

Box 10 of 24 Folder 4 Boeing, 1972

Box 10 of 24 Folder 5 Burroughs Corporation: MOD I Digital Computing System, 1956-1965. Includes documents on "Acceptance Test Procedure for MOD I Digital Computing System" and "Diagnostic Procedure for MOD I Guidance Computing Systems"; case study report; equipment specification publication; summary flight list; photocopies of newspaper clippings; and notes.

Box 10 of 24 Folder 6 Burroughs Corporation: MOD I Digital Computing System, 1958-1966, and undated. Pertains to preliminary press releases, display information, Burroughs' participation in the Able Flight Program, agendas for meetings, and flight test summary. Also includes index cards that list MOD I Atlas missile types, numbers and operation success.

Box 10 of 24 Folders 7-8 Burroughs Corporation: MOD I Digital Computing System, 1965-1968, and undated. Pertains to Hall of Chemistry and its use for special computer exhibit, background information and operational display of the first MOD I Atlas Missile Ground Guidance Computer, projector schedule for "Pilot for Atlas" film, and plans for the Smithsonian Bicentennial. Also includes corporation bulletin, brochure, and photograph.

Box 10 of 24 Folder 9 Burroughs Corporation: "Guidance Computer Fundamentals for WS 107A," 1957-1959

Box 10 of 24 Folder 10 Burroughs Corporation: Specifications, 1959-1960, and undated

Box 10 of 24 Folder 11 Burroughs Corporation: Switch Settings, undated

Box 10 of 24 Folder 12 Brochures, 1966-1968. Includes "Mathematica: A World of Numbers and Beyond," "Leonardo da Vinci," and "HemisFair 1968" with photographs.

Box 11

Box 11 of 24 Folder 1 Bryant Computer Products, 1967

Box 11 of 24 Folder 2 Buffon's Needle Problem, 1964. Consists of mathematical calculations and notes.

- Box 11 of 24 Folder 3 Bunker-Ramo Corporation, 1967-1970. Pertains to arrangements for BR 300 Computer display in Philadelphia, photographs of the RW-300 Central Processor, and material on data processing for the Twentieth Anniversary of Association for Computing Machinery.
- Box 11 of 24 Folder 4 Burks, Arthur W., 1967-1969, undated. Pertains to the Electrical Numerical Integrator and Computer exhibit, and includes two manuals on electronic computing circuits.
- Box 11 of 24 Folder 5 Case of the Month, 1980. Includes exhibit script for "Pre-Electronic Learning and Teaching Technology"; blueprint for "Teaching Machines" exhibit; and publication titled, "Technological Augmentation of Cognition in the United States Since 1776."
- Box 11 of 24 Folder 6 Catalog to Exhibit, 1967. Includes draft of announcement on opening of Computer History Project exhibit; refers to file preparation of an exhibit catalog and includes notes for brochures.
- Box 11 of 24 Folder 7 Circuiting, undated. Includes notes pertaining to computers and their functions.
- Box 11 of 24 Folders 8-10 Computers, 1974-1980. Includes documentation and operational programs for SELGEM.
- Box 11 of 24 Folder 11 Computer Exhibit, 1967-1968. Pertains to typography in the Hall of Physics and progress reports.
- Box 11 of 24 Folder 12 Computer File, 1969. Includes preliminary outline for National Museum of History and Technology "Computerized Exhibits Directory," list of volunteers for Computer Terminal exhibit, and script titled "Identify the Planets."
- Box 12
- Box 12 of 24 Folder 1 Computer History Project, 1972-1974. Pertains to computer conference, American Federation of Information Processing Services financial support, travel expenditures, and edited material.
- Box 12 of 24 Folder 2 Computer History Project: Proposed Budget, Fiscal Year 1972
- Box 12 of 24 Folder 3 Computer History: Recruitment for Principal Investigator, 1970-1971. Includes resumes, employment recommendations, personal qualification statements, and correspondence with interested applicants for the position.
- Box 12 of 24 Folder 4 Computer Terminal and International Business Machines Corporation, 1969, 1971-1975. Includes exhibit scripts for "Identify the Planets" and "Tic-Tac-Toe," as well as list of authors and books pertaining to mathematical games and related subjects.
- Box 12 of 24 Folder 5 Criticisms of Computer Terminal Exhibit, 1969. Includes notes pertaining to public use of exhibit participation models, particularly computer terminals.

- Box 12 of 24 Folder 6 Department of Science and Technology, 1968-1971. Includes exhibit scripts for "Objects of the Month" and memoranda referring to recent accession cases.
- Box 12 of 24 Folder 7 Department of Science and Technology, Astrolabes and Sundials, 1971
- Box 12 of 24 Folder 8 Design & Construction Incorporated, 1970-1975. Pertains to status of automated scale-model exhibit in the Hall of Mathematics, and to maintenance reports. Includes blueprints.
- Box 12 of 24 Folder 9 Dorf, Richard C., 1968-1972. Concerns publication of Introduction to Computers and Computer Science, by Richard C. Dorf. Also pertains to photographs from the Section of Mathematics considered for use in the book.
- Box 12 of 24 Folder 10 Dura Division, 1968-1970. Includes purchase order for Dura business machine.
- Box 12 of 24 Folder 11 Eisenhart, Churchill, 1965-1967. Contains copies of the following articles: "Early History of the Arithmetic Mean as a Concept of the Theory of Probability," by O. B. Sheynin; and "Leibniz' Work on Probability," by Ian Hacking. Includes correspondence referring to these articles.
- Box 12 of 24 Folder 12 Eklund, Jon, 1985. Includes memoranda and summary outline for "The Information Revolution" exhibit.
- Box 12 of 24 Folder 13 Electronic Numerical Integrator and Computer, 1963
- Box 12 of 24 Folder 14 Estimated Budget Fiscal Year 1973, 1971-1973. Includes tentative budget lists, Computer History Project financial statement, and outline on current project plans.
- Box 12 of 24 Folder 15 Exhibit, 1966-1967. Includes script drafts and notes for "Business Machines" and "Advances in Computer Technology and Applications."
- Box 12 of 24 Folder 16 Exhibit: "History and Technology of Data Processing Machines," 1967. Includes scripts and drafts, some of which refer to computer history, classification, and technical demonstration; brochures; a history and technology of data processing machines; correspondence discussing installation of exhibit; and blueprint of exhibit section.
- Box 12 of 24 Folder 17 Exhibits, 1959-1967. Includes status report on physics exhibition, layout drawing of underfloor services for the Ptolemaic Observatory, list of objects for accession, list of requirements for exhibits, outline of calculating devices, editing-printing information, notes and memoranda.
- Box 12 of 24 Folder 18 Exhibit Director: UCM, undated. Includes outline of geographic areas from around the world; booklet providing museum and exhibit hall abbreviations; Physical Equipment Requirements listing; map of the National Museum of History and Technology, second floor; and notes

Box 13

- Box 13 of 24 Folder 1 Exhibits: Edited Scripts, 1971 and undated. Includes scripts titled "Ruling and Dividing Engine," "The MB Computer," and "Physics Hall Special: History of Computers."
- Box 13 of 24 Folder 2 Exhibit: "Information Revolution," 1984-1985. Includes background information, notes, and historical summarization titled "Information before the Computer."
- Box 13 of 24 Folder 3 Exhibit: "Building Block" Computer, undated
- Box 13 of 24 Folder 4 Exhibits, 1972, and undated. Includes plastic exhibit labels, mathematical table, and photograph of calculating machine.
- Box 13 of 24 Folder 5 Exhibits: Objects of the Month, 1971
- Box 13 of 24 Folder 6 Exhibit: Physical Sciences script, undated
- Box 13 of 24 Folder 7 Exhibit: "The Birth of Physical Science," 1965, and undated
- Box 13 of 24 Folder 8 Exhibit: "Greek Tradition," undated. Includes script that highlights file physical sciences of ancient Greece; also includes photograph.
- Box 13 of 24 Folder 9 Exhibit, undated. Includes scripts pertaining to ancient astronomical instruments, which measured positions of celestial objects.
- Box 13 of 24 Folder 10 Exhibit, 1967. Includes scripts referring to the relationship between mathematics and physical science, plus scripts that illustrate number systems and means of representing numbers.
- Box 13 of 24 Folder 11 Exhibit, 1965. Includes notes and specification list regarding instruments used in Alexandria Observatory.
- Box 13 of 24 Folder 12 Exhibits, undated. Includes scripts for "Art of the Instrument Maker" and "Medieval Instruments of Western Europe."
- Box 13 of 24 Folder 13 Exhibit: Physics and Astronomy Hall, undated. Includes instructions for mounting ancient Islamic map and photograph.
- Box 13 of 24 Folder 14 Exhibit: "Tycho Brahe's Equatorial Armillary," 1965
- Box 13 of 24 Folder 15 Exhibit: "The Ramsden Dividing Engine," undated. Includes script and photograph of English drawing instrument.
- Box 13 of 24 Folder 16 Exhibit, 1967. Includes notes that refer to problems with scripts, and the need for a maintenance schedule.
- Box 13 of 24 Folder 17 Exhibit, 1975-1976. Consists of check lists recording general maintenance of exhibit areas.
- Box 13 of 24 Folder 18 Exhibit, 1978-1984
- Box 13 of 24 Folder 19 Exhibit: "Ruling and Dividing Engines," 1966. Includes scripts.

Box 14

- Box 14 of 24 Folder 1 Exhibit: Division of Physical Sciences, 1964. Includes scripts pertaining to antique scientific instruments and astrolabes; and blueprints of astrolabe displays.
- Box 14 of 24 Folder 2 Exhibit, undated. Includes photographs of calculating machines on display.
- Box 14 of 24 Folder 3 Exhibit, 1963. Includes exhibit labels for antique astronomical instruments.
- Box 14 of 24 Folder 4 Exhibits, 1962, and undated. Includes script for "Astrolabes of Different Countries," and list that describes dates, locations, and origin of measuring instruments capable of great exactness.
- Box 14 of 24 Folder 5 Exhibit: "Adding and Calculating Machines," undated. Includes script, pencil sketchings of antique seals, and list of number systems.
- Box 14 of 24 Folder 6 Exhibit, 1964. Includes outline describing the four sections of mathematics exhibits in the Hall of Physical Sciences, list of mathematical instruments, and notes.
- Box 14 of 24 Folder 7 Exhibit, 1963, and undated. Includes synopsis of exhibits on instrumental methods of computation, script titled "Electronic Differential Analyzers," description of the Continuous Integraph Apparatus, and drawings.
- Box 14 of 24 Folder 8 Exhibit, 1962-1963. Includes directions for setting up a digital counting device, floor plan drawing and blueprints of digital counting demonstration, and notes.
- Box 14 of 24 Folder 9 Exhibit: History of Mathematical Hardware, 1959-1960
- Box 14 of 24 Folder 10 Exhibit: Calculation and Computation, undated. Includes scripts, sketches and drawings.
- Box 14 of 24 Folder 11 Exhibit: Calculating Machinery, undated. Includes script and blueprint of display area.
- Box 14 of 24 Folder 12 Exhibit: "Probability and Statistics," undated
- Box 14 of 24 Folder 13 Exhibit: "Evolution of Calculating Machines," 1961. Includes script and drawings.
- Box 14 of 24 Folder 14 Exhibit, 1963, and undated. Includes synopsis of exhibits on the development of instrumental method of computation, list of early calculators patented in the United States, notes referring to rearrangement of calculator collection, and description and drawing of Arithmometer.
- Box 14 of 24 Folder 15 Exhibits: Jacquard Punch Card System, 1963

- Box 14 of 24 Folder 16 Exhibit, undated. Includes exhibit scripts referring to calculating instruments of Blaise Pascal (1623-1662), French philosopher and mathematician, as well as Charles Babbage.
- Box 14 of 24 Folder 17 Exhibit, 1961, 1964. Includes preliminary scripts for "The Brachistochrone" and "Number Systems," as well as drawings and blueprint.
- Box 14 of 24 Folder 18 Exhibit: Bigelow Exhibits for Mathematics, 1960-1962. Includes blueprints and drawings of the Brachistochrone and exhibit area.
- Box 14 of 24 Folder 19 Exhibit, 1960. Includes fact summary of International Business Machine Corporation mathematics exhibit, historical descriptions, and photographs.
- Box 14 of 24 Folder 20 Exhibit, 1959, 1966. Includes photographs and drawing of the International Business Machines Corporation Galber Device, and brochure from the Pacific Science Center.
- Box 14 of 24 Folder 21 Exhibit: "Commemorating American Mathematicians," 1984
- Box 15
- Box 15 of 24 Folders 1-2 Exhibit, undated. Includes monograph titled: Planispheric Astrolabes in the National Museum of American History.
- Box 15 of 24 Folder 3 Exhibit, undated. Includes script that describes ancient Arabic astrolabes, provides scientific characteristics, and remarks.
- Box 15 of 24 Folder 4 Exhibit, 1983-1984. Includes list of patent models, documented summary on "Teaching Mathematics," and Case-of-the-Month scripts for "Mathematical Activities in Eighteenth-Century America" and "Pre-Electronic Learning and Teaching Technology." Also includes script and blueprint for "Commemorating American Mathematicians."
- Box 15 of 24 Folder 5 Exhibit, Guggenheim Memorial Foundation, 1983
- Box 15 of 24 Folder 6 Exhibit, "Geometric Models" and "Mathematical Models," 1983-1984
- Box 15 of 24 Folder 7 Exhibit: "Mathematical Activities in Eighteenth-Century America," undated. Includes selected references and scripts.
- Box 15 of 24 Folder 8 Exhibit, undated. Includes scripts referring to the relation of mathematics to the physical sciences, and concerns the Universal Computer and Electronic Numerical Integrator and Computer.
- Box 15 of 24 Folder 9 Exhibit, 1965
- Box 15 of 24 Folder 10 Exhibit: Mathematical Instruments, 1965. Consists of script drafts and notes pertaining to mathematical instruments on display in the Hall of Physical Sciences.

Box 15 of 24 Folder 11 Expenditures Fiscal Year 1973: Fund 5229, 1972-1973. Pertains to American Federation of Information Processing Societies financial obligations to the Computer History Project.

Box 16

Box 16 of 24 Folder 1 Felix, David H. H., 1964-1965, and undated. Includes scripts on "Early Modern Scientific Instruments from the Collection of David H. H. Felix," appraisal list of collection, specimen restoration records, brochures, and photographs.

Box 16 of 24 Folder 2 Fund Raising: Information Exhibit, 1985. Includes summary on "Anatomy of a Revolution," exhibition proposal, list of potential donors, draft of news release for "The Information Revolution," and background information on fund raising.

Box 16 of 24 Folder 3 Grants information, 1971. Includes statement referring to overhead rates and administrative fees for the institution.

Box 16 of 24 Folders 4-5 Hall of Mathematics: UCM Workfile, 1976, 1978. Includes description of exhibit cases, list of themes and concepts, brief history on Computing and Measuring, budget summary for fiscal year 1985, drawings, floor plan for Physical Sciences Hall, and notes.

Box 16 of 24 Folder 6 Harvard Mark I Digital Computer, 1963

Box 16 of 24 Folder 7 International Business Machines Corporation, 1983-1984, and undated. Includes exhibition draft proposals to the International Business Machines Corporation concerning "Information Revolution." Consists of visitor profiles, theme lists, budget schedules, memoranda, and notes pertaining to special aspects of the exhibit.

Box 16 of 24 Folder 8 International Business Machines Corporation, Scale model exhibit, 1966-1970

Box 16 of 24 Folder 9 Incoming funds 1972: Fiscal Year Statements, 1971-1972. Concerns grants, contracts, and American Federation of Information Processing Societies funding.

Box 16 of 24 Folder 10 Input-output programming, 1967. Includes exhibit script and drafts on the function of input-output computer equipment, plus two articles pertaining to Datamatic One Thousand tapes.

Box 16 of 24 Folder 11 Kaplan, Bonnie, 1972. Concerns academic information and application for graduate and undergraduate research programs with the Computer History Project.

Box 16 of 24 Folder 12 Knorr, Wilbur, 1971-1972

Box 16 of 24 Folder 13 Lester & Associates, 1965. Concerns exhibit and model services rendered.

- Box 16 of 24 Folder 14 List of calculating and computer equipment at the National Museum of History and Technology, undated.
- Box 16 of 24 Folders 15-18 Mapstone, Robina, 1972-1974. Pertains to West Coast Computer History interviews, contract with American Federation of Information Processing Societies, transfer of Computer History Project transcripts, and International Business Machines Corporation conferences. Also includes data sheets for Oral History Collections and Computer History Project progress reports.
- Box 16 of 24 Folders 19-20 Mapstone, Robina, Transcriptions, 1972-1974, and undated
- Box 16 of 24 Folder 21 Mathematics Exhibit Area, 1967. Includes blueprint and floor plan drawing.
- Box 17
- Box 17 of 24 Folder 1 Mayr, Otto: Interim Manager, 1972-1974. Concerns American Federation of Information Processing Societies involvement with the Computer Oral History Project, National Museum of History and Technology committee meeting on the Computer History Project, and budget for Fiscal Year 1974.
- Box 17 of 24 Folder 2 Mayr, Otto, 1976-1980, and undated. Includes list of activities for Hall of Mathematics; outline of exhibition plans, themes and concepts; exhibit issues and proposals; list of exhibit objects; historical summary of hall; and drawings.
- Box 17 of 24 Folder 3 Memory Devices, undated. Includes flow chart giving the chronological order of computer development, as well as notes concerning computer memory devices.
- Box 17 of 24 Folder 4 Merzbach, Uta C., 1967, 1971-1972. Pertains to script for special exhibit on the history of computers, presentation of computer documents, and editing of transcripts.
- Box 17 of 24 Folder 5 Meslin, Georges, 1963-1965, and undated. Includes paper titled, "On a Machine for Solving Equations," and notes on the Hydrostatic Equation Solver.
- Box 17 of 24 Folder 6 Miller, Arthur, Lowell Institute of Technology, 1970-1971
- Box 17 of 24 Folder 7 MOD I Atlas Guidance Computer, 1960, 1965. Includes Electronic Digital Automatic Data Processing and Computing System Survey Questionnaire from the Burroughs Corporation; scripts and drawings.
- Box 17 of 24 Folder 8 MOD I Atlas Guidance Computer, presentation, 1965, and undated
- Box 17 of 24 Folder 9 Molella, Arthur, 1983-1984. Pertains to tentative plans for the Department of History of Science and Technology first floor exhibits, reinstallation program, preliminary proposition for "Introductory Science" exhibit, minutes of meetings, budget for fiscal year 1985, and medieval

- instruments. Also includes script on "Mathematical Teaching Aids," and map depicting arrangement of exhibits.
- Box 17 of 24 Folder 10 Multhauf, Robert P., 1970-1971. Concerns study of Whirlwind Computer, financial status of the Computer History Project, custody of interview materials, and American Federation of Information Processing Societies involvement. Also includes project progress report for 1970, and paper titled "On Calculating by Steam."
- Box 17 of 24 Folder 11 National Museum of History and Technology: Dimensions, undated. Includes measurements taken of exhibit area facing Constitution Avenue entrance.
- Box 17 of 24 Folder 12 National Museum of History and Technology: Museum Directory, 1969. Includes list of exhibit objects and their locations, museum directory outline, and International Business Machines Corporation computer terminal script for "Talk with a Computer."
- Box 17 of 24 Folder 13 National Museum of History and Technology Library, 1970-1973. Concerns duplicates of Computing Review for the Computer History Project.
- Box 17 of 24 Folder 14 National Museum of History and Technology: Office of Exhibits, 1971. Pertains to taped interview and authorization for duplication.
- Box 17 of 24 Folder 15 Operating instructions and wiring diagrams for a computer, undated
- Box 17 of 24 Folder 16 Projected Budget: Fiscal Year 1974 through 1976, 1972-1973. Pertains to American Federation of Information Processing Societies support for the Computer History Project; also includes tentative budget list.
- Box 17 of 24 Folder 17 Pro-Typist Incorporated, 1970-1971. Concerns transcribing tapes for the Computer History Project.
- Box 18
- Box 18 of 24 Folders 1-2 Savage-Smith, Emile, undated. Includes paper titled "Islamic Celestial Globes," by Emile Savage-Smith of the Gustave E. von Grunebaum Center for Near Eastern Studies.
- Box 18 of 24 Folder 3 Sieve of Eratosthenes, 1962. Includes schematic wiring diagram, path and contact designations for L. C. Eichner Instruments.
- Box 18 of 24 Folder 4 Schmidt, Max C. P., 1965. Includes copy of "Kulturhistorische Beitrage: zur kenntnis Des Griechischen und Romischen Altertums" (1912).
- Box 18 of 24 Folder 5 Schmidt, Max C. P., Ctesibian Waterclock, 1968
- Box 18 of 24 Folders 6-7 SELGEM, 1973, 1975-1980. Pertains to SELGEM computer program: standard subsystem functions, file space, transfer directions, and basic programmer documentation. Also includes Smithsonian Handbook for Automatic Data Processing, guide to the Smithsonian Computer Center, and disk preparation manual.

- Box 18 of 24 Folder 8 Smithsonian Fiscal Division: Requests and Reports, 1970-1973. Pertains to accounting classification for private funds, time and attendance reporting, and Computer History Project-American Federation of Information Processing Societies financial status.
- Box 18 of 24 Folder 9 Special Computer Exhibit, 1967-1968
- Box 19
- Box 19 of 24 Folder 1 Special Computer Exhibit, edited script, 1967
- Box 19 of 24 Folder 2 Thomas Transcription Service, 1973-1974
- Box 19 of 24 Folder 3 Thompson, Carolyn W., 1970-1973, and undated
- Box 19 of 24 Folder 4 Tropp, Charlotte E., 1972-1973. Concerns services rendered as temporary research assistant with the Computer History Project.
- Box 19 of 24 Folder 5 Tropp, Henry S., 1970-1974. Pertains to accommodations for the position as Director of the Computer History Project, evaluation of first year of employment, travel for fiscal year 1972, amendments to standardize government travel regulations, and resignation.
- Box 19 of 24 Folder 6 Universal Automatic Computer I, undated. Includes script, simplified animated diagram displaying computer functions, sequence of animation listing, drawings, and photographs.
- Box 19 of 24 Folder 7 Wales Adding Machine, 1971-1972
- Box 19 of 24 Folder 8 World of Computers, 1967

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**Series 4: DIVISION OF MATHEMATICS, COMPUTER HISTORY RECORDS.
ARRANGED ALPHABETICALLY BY ORGANIZATION AND INDIVIDUAL, CIRCA
1966-1974, AND UNDATED.**

Box 19

- Box 19 of 24 Folder 9 A, 1971-1972. Correspondents include Foreman Acton, Mark J. Anthony of the National Cash Register Company, Association for Computing Machinery, and Miriam C. Ayer.
- Box 19 of 24 Folder 10 Aberdeen Proving Ground, 1966. Concerns calculating equipment of the United States Army, Aberdeen Computing Laboratory. Also includes visitor guide and map.
- Box 19 of 24 Folder 11 Alt, Franz, 1971-1973. Pertains to computer pioneers associated with the American Institute of Physics
- Box 19 of 24 Folder 12 Amer, Paul, 1970. Includes Harvard University publication titled, Program on Technology and Society (sixth annual report), as well as notes
- Box 19 of 24 Folder 13 American Society for Information Science, 1972
- Box 19 of 24 Folder 14 Argonne National Laboratory, 1972. Pertains to early computer development at Argonne National Laboratory and the receipt of historical articles.
- Box 19 of 24 Folder 15 Arizona, University of, 1972-1973. Pertains to the university computer center and its progress with organizing SNOBOL-4 historical material for the Computer History Project.
- Box 19 of 24 Folder 16 Association for Computing Machinery, 1971-1973. Concerns annual conferences, news releases, minutes of meetings, and membership. Also includes reference guides and brochures.
- Box 19 of 24 Folder 17 Atlas Exhibit, 1972-1973. Pertains to Design and Construction Incorporated involvement with International Business Machines Corporation and Mackenzie Computer units on exhibit.
- Box 19 of 24 Folder 18 Auerbach Corporation, 1972-1973. Pertains to joint meeting of the Smithsonian Institution and American Federation of Information Processing Societies advisory committee on the Computer History Project; exhibit proposals for the Electronic Numerical Integrator and Computer; and edited biography of English mathematician George Boole (1815-1864)
- Box 19 of 24 Folder 19 B, 1971-1973. Correspondents include Bell Telephone Laboratory, Morton K. Bernheim of Computer Sciences Corporation, Garrett Birkhoff, Nelson M. Blackman of Sylvania Electronics Systems, Maria Luisa Righini-Bonelli, William E. Boyce of the Society for Industrial and Applied Mathematics, W. Walter Boyd of Computerworld, British Computer Society, James E. Burnett of the National Aeronautics and Space Administration, and Bertram Russell.

- Box 19 of 24 Folder 20 Bauer, Friedrich L., 1972-1973. Pertains to the Society for Industrial and Applied Mathematics - SIGNUM Twenty-Fifth Anniversary Conference of Modern Numerical Mathematics. Includes lecture notes for "Advanced Course on Software Engineering."
- Box 19 of 24 Folder 21 Bedrosian, Alvin D., 1971. Concerns Smithsonian acquisition of the Whirlwind Computer for its Computer History Project.
- Box 19 of 24 Folder 22 Bemer, Robert W., 1971-1973. Pertains to Honeywell Information Systems Incorporated and the Honeywell Computer Journal, with copy of article titled "A View of the History of COBOL" and translation of Der Computer, Mein Lebenswerk.
- Box 19 of 24 Folder 23 Bernstein, Morton I., 1971-1972. Pertains to System Development Corporation board meeting and the Smithsonian Computer History Report.
- Box 19 of 24 Folder 24 Berry, Jean R., 1972. Concerns the Clifford E. Berry and John V. Atanasoff co-invention of the Electronic Digital Computer.
- Box 19 of 24 Folder 25 Block, I. E., 1972-1974. Pertains to Society for Industrial and Applied Mathematics involvement with publications in computing for SIAM Review.
- Box 19 of 24 Folder 26 Borko, Harold, 1972. Concerns University of California lecture series on the "Bibliographic History of Scholarship."
- Box 19 of 24 Folder 27 Boyer, Carl B., 1970. Pertains to suggestions with respect to a principal investigator for the Computer History Project.
- Box 19 of 24 Folder 28 Bradburn, James R., 1972-1973. Pertains to Computer History Project research on the West Coast.
- Box 19 of 24 Folder 29 Brennan, Richard P., 1971-1972. Concerns the editing, re-writing, and revision of two historical drafts on the development of the Whirlwind Computer.
- Box 19 of 24 Folder 30 Brown, David R., 1971-1972. Pertains to the United States-Japanese History of Computing Conference and Smithsonian-Stanford Research Institute participation.

Box 20

- Box 20 of 24 Folder 1 Bureau of the Census, 1960, 1963, 1976. Pertains to loan of Universal Automatic Computer I to the Department of Commerce, Bureau of the Census, for the Bureaus' UNIVAC Silver Anniversary observance.
- Box 20 of 24 Folder 2 Burns, Lorin R., 1971-1972. Concerns bibliographic project on the development of automated libraries and history of early electronics.
- Box 20 of 24 Folder 3 Burks, Arthur W., 1972. Pertains to an interest in the History of Computer Development Project. Also includes articles reviewing the contributions of Charles Sanders Peirce (1839-1914), prominent mathematician and scientist.

- Box 20 of 24 Folder 4 Bush, Vannevar, 1969-1971. Concerns oral interview with Vannevar Bush, noted electrical engineer, regarding his pioneering contributions to the computing field.
- Box 20 of 24 Folder 5 C, 1970-1973. Correspondents include Gary Carlson, I. Bernard Cohen, Bruce Collier, Communications Library, S. D. Conte, and Edward C. Cullinane of the International Business Machines Corporation Records Center.
- Box 20 of 24 Folder 6 Canadian Society for the Study of the History and Philosophy of Science, 1971
- Box 20 of 24 Folder 7 Carlson, Walter M., 1970-1973. Pertains to American Federation of Information Processing Societies association with the Computer History Project, advisory committee meetings, and budget proposals.
- Box 20 of 24 Folder 8 Cavender, J. T., 1972-1973. Concerns principal investigator of the Computer History Project and his visit to the National Cash Register Company.
- Box 20 of 24 Folder 9 Clark, Paul W., 1972. Pertains to and includes copy of paper titled "The Military's Development and Use of the Computer: A Resource Essay," which the United States Air Force Academy reviewed.
- Box 20 of 24 Folder 10 Carlson, Walter M., 1972. Pertains to colleges and corporations interested in assisting the American Federation of Information Processing Societies with material relating to the Computer History Project.
- Box 20 of 24 Folder 11 Computerworld, 1972. Concerns Smithsonian request for copy of "Computer Industry Profile" brochure.
- Box 20 of 24 Folder 12 Certified Old Timer, 1971. Includes program outlines referring to Los Angeles chapter meeting of the Association for Computing Machinery; an elite group of pioneers in computing science, Certified Old Timer, held a session at this event.
- Box 20 of 24 Folder 13 Curtiss, John H., 1970-1973. Pertains to oral history interview and includes personal vita.
- Box 20 of 24 Folder 14 D, 1970-1973. Correspondents include Edward E. David, Jr.; William Dawson and Sons, Ltd; Robert M. Deiters; Robert E. Dickerson; Con Dietz of SHARE Numerical Analysis and Statistical Methodology Project; Bernard Dimsdale of International Business Machines Corporation; Milton Dobkin; and J. G. Donlon.
- Box 20 of 24 Folder 15 Dartmouth College, The Thayer School of Engineering, 1972. Pertains to lecture on computers given by Professor George S. Stibitz.
- Box 20 of 24 Folder 16 Dartmouth College, Stibitz Papers, 1972-1973. Concerns the microfilming of the George S. Stibitz papers, and agreement between the Smithsonian and Dartmouth College in preparation of an annotated inventory of Stibitz' personal work.

- Box 20 of 24 Folder 17 Data Processing Digest Incorporated, 1972. Pertains to clipping file archives of Data Processing Digest for the Computer History Project.
- Box 20 of 24 Folder 18 Davis, Ruth, 1972. Includes article titled "A Field of Explosive Potential and Growth," which discusses the development of computer technology.
- Box 20 of 24 Folder 19 Desch, Joseph, 1972-1973. Concerns photographs taken at the National Cash Register Company and includes list of these prints.
- Box 20 of 24 Folder 20 Design and Production: Weekly Reports, 1968-1970. Pertains to International Business Machines Corporation and Design and Production Incorporated involvement with computer exhibit maintenance.
- Box 20 of 24 Folder 21 Dictionary of American History, 1972
- Box 20 of 24 Folder 22 Dictionary of Scientific Biography, 1971-1972. Pertains to agreement with Charles Scribner's Sons, Publishers, in regard to printing biographical articles on prominent pioneers in computer development.
- Box 20 of 24 Folder 23 E, 1971-1973. Correspondents include Joseph J. Eachus of Honeywell Information Systems, Incorporated; Robert D. Elbourn of the Information Processing Technology Division, United States Chamber of Commerce; Rev. John W. Ellison; David Evans; Robert R. Everett of the MITRE Corporation; Carl F. Evert; and George Ewing.
- Box 20 of 24 Folder 24 Eckdahl, Donald, 1972. Concerns the National Cash Register Company's participation with computer history research along the West Coast.
- Box 20 of 24 Folder 25 Eckert, Wallace J., 1971. Includes photographs of the Wallace J. Eckert exhibit, as well as photocopy of his obituary from The New York Times.
- Box 20 of 24 Folder 26 Electronic Numerical Integrator and Computer, 1970-1971
- Box 20 of 24 Folder 27 F, 1970-1973. Correspondents include D. S. Fahrney of the Franklin Institute, Committee on Science and the Arts; Stanley Frankel; Federation Internationale de Documentation; Richard T. Fleming; George F. Forbes; Caxton C. Foster of the Computer and Information Science Graduate Research Center, University of Massachusetts; Margaret Fox of the Center for Computer Sciences and Technology, National Bureau of Standards.
- Box 20 of 24 Folder 28 Farr, Clarence W., 1970-1972. Pertains to the history of the Mertz Whirlwind Computer.
- Box 20 of 24 Folder 29 Fein, Louis, 1972. Pertains to the United States-Japanese Computer Conference and oral presentation on the History of Computing.
- Box 20 of 24 Folder 30 Felix, David H. H., 1963-1967, 1976

- Box 20 of 24 Folder 31 Forrester, Jay W., 1972-1973. Concerns the Twentieth Anniversary meeting of the Association for Computing Machinery, and includes articles from Science and Honeywell Computer Journal.
- Box 20 of 24 Folder 32 G, 1971-1973. Correspondents include Lars Garding; L. T. Gardner; Anton Glaser; I. Grattan-Guinness; R. S. Greenbaum of the Office of Naval Research; Murry A. Geiller of Rand Corporation; Bruce Gilchrist; John Gimbel; Ralph E. Griswold; John Wallace Givens of the Applied Mathematics Division, Argonne National Laboratory; Harvey Golub of McKinsey and Company, Incorporated; C. C. Gotlieb; and W. Gunning of the Xerox Corporation Research Center.
- Box 20 of 24 Folder 33 George Washington University Medical Center, 1971. Includes telegraph printout from France that pertains to the first transmission of an electrocardiogram via satellite to a computer.
- Box 20 of 24 Folder 34 Goldstine, Herman H., 1971. Pertains to Smithsonian request for offprint copy of Goldstine's paper, "The Future of Scientific Computing."
- Box 21
- Box 21 of 24 Folder 1 Good, I. J., 1972. Concerns arrangements to interview Good at the Department of Statistics and Statistical Laboratory, Virginia Polytechnic Institute and State University.
- Box 21 of 24 Folder 2 Gotlieb, C. C., 1960. Includes photocopy of article from The Engineering Journal titled "Backwater Computations for the St. Lawrence Power Project."
- Box 21 of 24 Folder 3 Grant Difference Engine at the Philadelphia Centennial of 1876, 1970-1972
- Box 21 of 24 Folder 4 Greenberger, Martin, 1971. Concerns archival material in possession of the Association for Computing Machinery and research undertaken at Johns Hopkins University on the historical evolution of computer science.
- Box 21 of 24 Folder 5 Gruenberger, Fred, 1972-1973. Pertains to interview tapes of two prominent American mathematicians, John von Neumann (1903-1957) and Norbert Wiener (1894-1964).
- Box 21 of 24 Folder 6 H, 1971-1973. Correspondents include H. Halsted; Harvard University; Frank Helwig of Honeywell Information Systems, Incorporated; Alston S. Householder; James E. Householder; and Jack Howlett of Atlas Computer Laboratories.
- Box 21 of 24 Folder 7 Harmon, Leon, 1971-1972. Pertains to Bell Telephone Laboratories brochure on "Computer-Produced Grey Scales."
- Box 21 of 24 Folder 8 Hatfield, George I., 1972. Pertains to the Irvan Travis Calculating Machine and principal mathematical equations. Also includes bibliography of literature on calculating instruments.

- Box 21 of 24 Folder 9 Hattery, Lowell H., 1971-1972. Includes two papers written by Hattery: "Federal Contributions to Management, Effects on the Public and Private Sectors" and "Information Processing and Human Rights in the United States."
- Box 21 of 24 Folder 10 Hopper, Grace M., 1966-1974. Pertains to the Universal Automatic Computer I exhibit, computer documents on loan, contributions to the Curator of Mathematical Instruments, and Association for Computing Machinery computer demonstration.
- Box 21 of 24 Folder 11 Householder, James E., 1972-1973. Pertains to history of computing research and contacts.
- Box 21 of 24 Folder 12 Howard, Bernard E., 1972-1973. Includes thesis entitled "Systems Analysis of Human Relations," by Henry W. Kunce; technical report on "Stabilization of Computer Circuits"; and two papers pertaining to "Sociocybernetics: A Systems Analysis of Human Relations" and "Nonlinear System Stimulation."
- Box 21 of 24 Folder 13 Huskey, Harry D., 1972-1973. Pertains to copy of report on von Neumann, Aiken, and Stibitz; electronic computers developed by Babbage and Atanasoff; and historical aspects of computing in Europe. Also includes outline on the Development of Automatic computing.
- Box 21 of 24 Folder 14 Hurd, Cuthbert C., 1971-1973. Pertains to Smithsonian Oral History Program, information manuals on early International Business Machines corporation calculators and computers, receipt of speed coding material, and Computer Usage Company involvement with the Computer History Project.
- Box 21 of 24 Folder 15 I, 1972
- Box 21 of 24 Folders 16-17 International Business Machines Corporation, 1961-1973, and undated. Pertains to historical papers on early computing methods, oral history interview with Wallace Eckert, McPherson interview tapes, assistance with Computer History Project archival material, five volumes on computation seminar proceedings, and Electronic Numerical Integrator and Computer exhibit. Also includes paper titled "IBM Methods of Accounting, Development of the International Business Machines Corporation."
- Box 21 of 24 Folder 18 International Business Machines Corporation, Scale Model Exhibit, 1969-1970
- Box 21 of 24 Folder 19 Institute for Advanced study, 1970. Concerns Smithsonian interest in reviewing John von Neumann records located at The Institute for Advanced Study, Princeton, N.J.
- Box 21 of 24 Folder 20 Israel, David R., 1970. Concerns search for paper written during the 1950s on the application of computers to real-time control systems.
- Box 21 of 24 Folder 21 J, 1971-1973. correspondents include Lynn Jackson; Seymour Jaffe of Data Transmission Company; G. H. Janzing of the Federation Internationale de Documentation; Phyllis E. Jaynes of The Thayer School of

Engineering, Dartmouth College; Charles V. Jones; and Douglas L. Jordan of Systems Development Corporation.

Box 21 of 24 Folder 22 Johnson, Gary D., 1972. Pertains to researching historical aspects of numerical algorithms for the Computer History Project and lecture to be given at the Canadian Information Processing Society in Montreal, Canada.

Box 22

Box 22 of 24 Folder 1 Johns Hopkins University, 1969-1976, and undated. Concerns exhibit on Alfred Nobel and American Laureates in Physics, research on the Millionaire calculator, and historical background of the Electronic Numerical Integrator and Calculator.

Box 22 of 24 Folder 2 K, 1971-1973. Correspondents include David Kahn, Walter J. Karplus, Daniel J. Kevles of the California Institute for Technology, James R. Killian of Massachusetts Institute of Technology, L. Kilpatrick of California Computer Products, Albert M. Klein, Adam Kleppner, Herbert R. Koller of The American Society for Information Science, Harwood G. Kolsky of International Business Machines Corporation, and Edward Korn.

Box 22 of 24 Folder 3 Kaplan, Bonnie, 1972-1973. Concerns completion of paper written about John V. Atanasoff and copies made from Atanasoff's index file.

Box 22 of 24 Folder 4 Kniess, H., Eugene, 1972-1973. Pertains to the National Cash Register Company.

Box 22 of 24 Folder 5 Knuth, Donald E., 1971-1972. Pertains to scientific description of an algorithm, conversation with John V. Atanasoff, and Association for Computing Machinery.

Box 22 of 24 Folder 6 L, 1972-1973. correspondents include Peter Lax of Courant Institute of Mathematical Sciences; George Ledin, Jr.; Trevor Levere of the Institute for the History and Philosophy of Science and Technology; Mark Levi of RADC/DCAT, Griffith Air Force Base; Ronald Levine; and Litton Education Publisher, Incorporated.

Box 22 of 24 Folder 7 Lawlor, Reed C., 1969, 1971-1972. Pertains to Association for Computing Machinery Conference and the history of computer technology. Also includes copy of "The New York Statistician," publication of the American Statistical Association, as well as article from the American Law Institute: "A Study of the Business of the Federal Courts."

Box 22 of 24 Folder 8 Lehmer, D. H., 1972. Includes copy of article from the American Mathematical Monthly, "A Photo-Electronic Number Sieve" (1933); and photocopy of letter from the Barber-Colman Company to John V. Atanasoff.

Box 22 of 24 Folder 9 Lewis, Albert C., 1971-1973. Pertains to annual meeting of the History of Science Society, reviews from publications Science and Datamation, loan of "Halsted Rational Geometry" material, and preparations for interview with mathematician George Bruce Halsted. Also includes paper entitled "George Bruce Halsted and the Development of American Mathematics," by Albert C. Lewis.

- Box 22 of 24 Folder 10 Lewis Research Center, National Aeronautics and Space Administration, undated
- Box 22 of 24 Folder 11 Library of Congress, 1971-1972. Pertains to study of voting differences in the Magistrates Court, New York City, from 1915 to 1922. Copies of the Magistrates Court Annual Reports are included.
- Box 22 of 24 Folder 12 Library of Congress, National Archives Conference on Audiovisual Archives, 1982-1983
- Box 22 of 24 Folder 13 Luebbert, Elizabeth, 1971-1974. Includes paper entitled "A Short Look at Computer History: Babbage's Analytical Engine and Aiken's Mark I."
- Box 22 of 24 Folder 14 Luebbert, William F., 1968-1974. Pertains to proposed newsletter for the Computer History Project, status and the future of the project, financial estimate required to finish the Oral History Program, and details concerning The Computer History Festival. Also includes paper: "A Report on a Two-Week Preliminary Study of the Evolution and Current status of The AFIPS/ Smithsonian Institution Computer History Project."
- Box 22 of 24 Folder 15 M, 1971-1973. Correspondents include William Main of Lockheed Missiles and Space Company, Incorporated; John N. Mastroianni of the United States Air Force Academy; Mathematical Association of America; Loren P. Meissner of the Mathematics and Computing Group, University of California; Nick Metropolis of Los Alamos Scientific Laboratory, University of California; Brij Mohan; and Charles P. Morrissey of the Ford Foundation.
- Box 22 of 24 Folder 16 Massachusetts Institute of Technology, 1970-1972. Pertains to Project Whirlwind Summary Reports and early computer research at the Institute. Also includes publication titled, "Final Report: Laboratory for Insulation Research, Massachusetts Institute of Technology."
- Box 22 of 24 Folder 17 Mauchley, John W., 1973. Pertains to cassette recording of lecture given at the National Bureau of Standards.
- Box 22 of 24 Folder 18 May, Kenneth O., 1970-1973. Pertains to various articles, books, and papers relevant to the history of computers; and the University of Toronto's involvement with the formation of the Canadian Society for History and Philosophy.
- Box 22 of 24 Folder 19 Mendelson, M., Jerry, 1972-1973. Pertains to paper on prominent mathematician, John von Neumann (1903-1957), and interview arrangements with Mendelson.
- Box 22 of 24 Folder 20 Menzel, Donald H., 1972. Includes Menzel's personal vita, bibliography, biographical summary, and paper titled: "Polar Coordination for the Calculation of Bearings."
- Box 22 of 24 Folder 21 MITRE Corporation, 1970, 1972. Pertains to MITRE documentation of the Whirlwind Project and other related matters on the Whirlwind computer: summary reports, meeting of those involved with the exhibit, and computation notebooks.

- Box 22 of 24 Folder 22 N, 1972. Correspondents include National Computing Center Limited; National Education Association; J. P. Nash of Lockheed Missiles and Space Company, Incorporated; National Trust Company, Limited; National Science Foundation; Jerre D. Now; and Jeffrey W. Noyes.
- Box 22 of 24 Folder 23 National Bureau of Standards, 1966-1972. Pertains to the Standards Eastern Automatic Computer, American Federation of Information Processing Societies assistance with the Computer History Project, and summary of the Bureau's computer instruments on loan to the Smithsonian. Also includes list of delegates to attend the International Organization for Standardization conference.
- Box 22 of 24 Folder 24 National Cash Register Company, 1972-1973. Includes printed speech from Dayton USA magazine by Robert S. Oelman, regarding The economic history of National Cash Register Company.
- Box 22 of 24 Folder 25 National Library of Medicine, 1964. Pertains to photos and sample stipulations for loan of objects form, as well as mail order form for annual bibliographies of the history of medicine.
- Box 22 of 24 Folder 26 National Science Foundation, 1972. Pertains to NATO Scientific Affairs Division, in relation to Advanced Study Institutes to be held in Europe.
- Box 22 of 24 Folder 27 Naval Research, Office of, 1967-1982. Pertains to George Washington University commemorative bicentennial luncheon and lecture series on S. D. Poisson (1781-1981), and loan of mathematical instruments for the History of Navy Data Processing exhibit.
- Box 22 of 24 Folder 28 Naval Supply system, 1975
- Box 22 of 24 Folder 29 New York Times, 1973. pertains to interest in Oral History Program at the Smithsonian.
- Box 22 of 24 Folder 30 North Dakota, University of, 1972. pertains to Smithsonian receipt of SHARE Numerical Analysis Project records.
- Box 22 of 24 Folder 31 Northrop, Jack, 1972-1973. Pertains to arrangements for, and completion of, taped interview with Northrop at The National Air and Space Museum. Also concerns the Smithsonian's interest in researching early development of electronic computational devices.
- Box 22 of 24 Folder 32 O, 1972
- Box 22 of 24 Folder 33 Oral History Association, 1971-1972. Pertains to proposed amendments for the Association, and Smithsonian inquiries about oral history interviews with personages in the computer field. Includes copies of association newsletters.
- Box 22 of 24 Folder 34 Oral History Project: Lyndon Baines Johnson Library, University of Texas, 1968

Box 23

- Box 23 of 24 Folder 1 P, 1967, 1971-1973. Correspondents include C. A. Phillips of Business Equipment Manufacturers Association, H. D. Pridmore, J. H. Pomerene of International Business Machines Corporation, and Kenneth Powell of International Business Machines corporation.
- Box 23 of 24 Folder 2 Parsons, Donald W., 1971. Pertains to the appointment of principal investigator for the Computer History Project, and oral history interviews with individuals responsible for founding the Association for Computing Machinery.
- Box 23 of 24 Folder 3 Patrick, Robert, 1968-1969. Includes two articles from the proceedings of the Seventh Annual Computer Personnel Research conference.
- Box 23 of 24 Folder 4 Phister, Montgomery, Jr., 1972. Pertains to Phister's book on the data processing industry.
- Box 23 of 24 Folder 5 Pickrell, Daniel S., 1972. Pertains to published brochure describing the Computer History Project.
- Box 23 of 24 Folder 6 R, 1971-1973. Correspondents include Irving N. Rabinowitz; H. G. Reid of the National Bureau of Standards, United States Department of Commerce; Rex Rice of Fairchild Camera and Instrument Corporation; Edwin S. Rich of MITRE Corporation; Gordon I. Robertson of Bell Laboratories; Glen Robinson of the National Education Association; Nathaniel Rochester of International Business Machines Corporation; Stanley Rogers of Simulation Councils, Incorporated; Peter F. Rowat; Paul A. Rude; Richard A. Russack of International Business Machines Corporation; B. J. Russell; and Ruti Corporation.
- Box 23 of 24 Folder 7 Raben, Joseph, 1971-1972. Pertains to Computers and the Humanities, Queens College of The City University of New York involvement with the Computer History Project through the American Federation of Information Processing, Incorporated.
- Box 23 of 24 Folder 8 Rand Corporation, 1971-1972. Pertains to Gruenberger's paper, "History of the JOHNNIAC," for the Computer History Project. Also includes list of Rand Corporation publications.
- Box 23 of 24 Folder 9 Randell, Brian, 1971-1973. Concerns The University of Newcastle Upon Tyne, Computing Laboratory involvement with Smithsonian research into the history of computer development and interviews with pioneers of the field; mentions John V. Atanasoff. Also includes two articles written by Randell: "The Origins of Digital Computers" and "Ludgate's Analytical Machine of 1909."
- Box 23 of 24 Folder 10 Radio Corporation of America, 1970-1971. Pertains to Dr. Jan A. Rajchman of Radio Corporation of America and his participation in the Oral History Program for the Computer History Project.

- Box 23 of 24 Folder 11 Redmond, Kent C., 1970-1971, 1973. Pertains to Richard Mertz's manuscript on the two-part historical study of the Whirlwind Computer, which discusses technical aspects and development.
- Box 23 of 24 Folder 12 Rice University, 1972. Pertains to efforts to interview remaining pioneers of computer development: Howard Aiken, J. Preseper Eckert, and John W. Mauchly.
- Box 23 of 24 Folder 13 Rosenkrantz, Gerold J., 1972. Pertains to Rosenkrantz and his work with the National Archives on problems of preserving computer input-output.
- Box 23 of 24 Folder 14 Rowat, Peter F., 1972. Concerns Rowat Simulation Study and includes paper titled, "Preamble on Robotics and Artificial Intelligence: History of the Robot Concept."
- Box 23 of 24 Folder 15 Ryavec, Ernest A., 1972. Pertains to minutes of the Naval Research Advisory Committee of 1946, the subject of Computing Laboratory in Southern California, and copy of report on mathematical computing techniques and recommendations.
- Box 23 of 24 Folder 16 S, 1971-1973. Correspondents include I. J. Seligsohn of International Business Machines Corporation; Bruce Sinclair of the Institute for the History and Philosophy of Science and Technology; W. D. Stevens of the Computer Department, Skelly Oil Company; H. K. Stramstad of the National Bureau of Standards; N. J. Sullivan of International Business Machines Corporation; and J. L. Synge of the Dublin Institute for Advanced Studies.
- Box 23 of 24 Folder 17 Salzer Technology Enterprises, 1971. Includes articles that pertain to fundamental characteristics of computer digital and analog units.
- Box 23 of 24 Folder 18 Savidge, David V., 1971-1972. Pertains to American National Standards Committee meeting to discuss aspects of the computer history industry with distinguished individuals in the field. Also includes abstract on the Universal Automatic Computer 1 and paper that describes the evolution of the computer.
- Box 23 of 24 Folder 19 SHARE, Incorporated, 1970, 1972. Concerns invitation to the principal investigator of the Computer History Project, to attend historical SHARE Inc., thirty-eighth meeting in San Francisco, California; and preparations for the thirty-ninth meeting in Toronto, Canada. Preliminary agenda program is included.
- Box 23 of 24 Folder 20 Skelly Oil Company, 1972. Pertains to computer corporation songs and search for them.
- Box 23 of 24 Folder 21 Smith, Thomas H., 1971, 1974. Concerns rejection of, and comments on, Richard Mertz's two-part study (in manuscript form) of the Whirlwind Computer.
- Box 23 of 24 Folder 22 Smithsonian Astrophysical Observatory, 1986

- Box 23 of 24 Folder 23 Society for Industrial and Applied Mathematics, 1972-1973. Pertains to SIAM-SIGNUM panel discussion commemorating the twenty-fifth anniversary of modern numerical mathematics, and proposed project to develop numerical analysis in relation to design of computers.
- Box 23 of 24 Folder 24 Sprague, Richard E., 1971-1973. Pertains to the Whirlwind Computer Project and interviews with West Coast computer specialists.
- Box 23 of 24 Folder 25 Standard Oil Company of California, 1972. Concerns SHARE Incorporated membership files that contain papers dealing with the history of computers.
- Box 23 of 24 Folder 26 Steel, Thomas B., 1972. Pertains to transcription of SHARE Incorporated tapes. Also includes photocopy of column from Datamation that describes Steel's position as member and historian with SHARE Incorporated.
- Box 23 of 24 Folder 27 Steffy, Charles E., 1972. Pertains to original documents on early computer history, and the delivery of Electronic Numerical Integrator and Computer material.
- Box 23 of 24 Folder 28 Stibitz, George R., 1971-1973. Pertains to organization of Stibitz Papers for the Computer History Project and transcription of taped interviews with Stibitz.
- Box 23 of 24 Folder 29 Suekane, Ryota, 1972. Pertains to the United States-Japan Computer Conference and includes three articles, in Japanese, by Suekane: "History of Computers and Industry," "Developmental History of Computers," and "Japanese Computers."
- Box 23 of 24 Folder 30 T, 1971-1973. Correspondents include John Todd of the California Institute of Technology; JoAnn N. Tommela of Computer Sciences Corporation; A. B. Tonik of Universal Automatic Computer Division, Sperry Rand Corporation; Roy Tucker; and Richard Turner of NASA, Mechanized Computation and Analysis, Lewis Research Center.
- Box 23 of 24 Folder 31 Taylor, Norman H., 1970-1972. Pertains to Corporate Technology Planning, Incorporated, participation in Whirlwind Computer reunion.
- Box 23 of 24 Folder 32 Temple University, 1972-1973. Concerns historic photographs that depict model of a portion of Charles Babbage's Difference Engine.
- Box 23 of 24 Folder 33 Tillitt, Harley, 1969, 1970-1971. Includes notes and reprint of article, "Computer Programming for Young Students," from the Journal of the Association for Computing Machinery and reprints from Journal of Library Automation and Information Processing.
- Box 23 of 24 Folder 34 Toronto, University of, 1971
- Box 23 of 24 Folder 35 TRW Incorporated, 1972. Pertains to book request on high-speed computing devices and information on International Business Machines Corporation computing.

- Box 23 of 24 Folder 36 U, 1971, 1973. Includes correspondence from Eugene Usdin of the Southwestern Computing Service, Incorporated.
- Box 23 of 24 Folder 37 Universal Automatic Computer: Division of Sperry Rand Corporation, 1971-1972. Pertains to Computer History Project need for historic documents on the computer industry and Twenty-Fifth Anniversary Dinner of the Association for Computing Machinery.
- Box 23 of 24 Folder 38 United States Energy Commission, 1970. Pertains to John von Neumann and historical documents on the Commission's participation in the early development of electronic computers.
- Box 23 of 24 Folder 39 United States Department of the Army, 1970
- Box 23 of 24 Folder 40 United States Department of Commerce, 1970. Concerns Smithsonian compilation of an annotated bibliography on much of the literature written about the Electronic Numerical Integrator and Computer.
- Box 23 of 24 Folder 41 United States Environmental Science Services Administration, 1962, 1966. Concerns loan of the Ferrel "Tide Prediction Machine" to the Coast and Geodetic Survey.
- Box 24
- Box 24 of 24 Folder 1 United States Information Agency, 1969. Concerns prints and negatives received from the Section of Mathematics for captioning, and includes a list of these. Also includes script for Teheran Exhibition on Computing History.
- Box 24 of 24 Folder 2 United States-Japan Computer Conference, 1972. Pertains to panel for the History of Computers session, itinerary and list of events. Also includes American Federation of Information Processing Societies directory and manuscripts on "The Smithsonian-AFIPS Computer History Project: Its History and Historiography"
- Box 24 of 24 Folder 3 United States Patent Office, 1970, 1972-1973
- Box 24 of 24 Folder 4 United States Military Academy, 1967-1971. Concerns multi-image visuals for the Information Processing Heritage exhibit.
- Box 24 of 24 Folder 5 United States National Security Agency, 1967-1979. Pertains to the anticipated completion of the Hall of Armed Forces History and the Hall of Mathematics and Computing; National Security Agency involvement with the United States Cryptologic Systems and Equipment exhibit, as part of the Computer History Project; and Senior Seminar in Foreign Policy tour of computer displays. Also includes planning and prospectus papers on the United States exhibition at the Asian International Trade Fair.
- Box 24 of 24 Folder 6 United States Naval Ship Research and Development Center, 1969, 1971. Concerns the donation of mathematical instruments, computers and calculating equipment, for the Age of Computers exhibit.

- Box 24 of 24 Folder 7 V, 1971-1973. Correspondents include Ann Vayda, Allen B. Veaner of Stanford University Libraries, R. L. Venezky, and A. A. Vervenn of the Physiologisch Laboratorium der Rijksuniversiteit te Leiden.
- Box 24 of 24 Folder 8 Venezky, Richard L., 1971-1972. Pertains to bibliography titled, "On the Use of IBM Machines in Science, Statistics, and Education." Also refers to Venezky as consultant to the Oxford English Dictionary Supplement on computer technology.
- Box 24 of 24 Folder 9 Victor Comptometer Corporation, 1981. Includes audiovisual script for the Universal Automatic Computer.
- Box 24 of 24 Folder 10 W, 1965, 1970-1973. Correspondents include William A. Wallace of Catholic University; Willis H. Ware of Rand Corporation; Herbert Watts of A. B. Dick Company; Karl L. Wildes of the Massachusetts Institute of Technology; David J. Williams of the National Security Agency; John W. Wrench of the Computation and Mathematics Department, Naval Ship Research and Development Center; and Michael F. Wolff.
- Box 24 of 24 Folder 11 Wakelin, James H., 1972. Pertains to high-speed computing devices.
- Box 24 of 24 Folder 12 Watson Jr., Thomas J., 1972. Includes article from Nation's Business.
- Box 24 of 24 Folder 13 Wells, John, 1969-1975. Concerns research for information about operating costs of various early computing systems and, in comparison, which government agencies sponsored early computer developments.
- Box 24 of 24 Folder 14 Whirlwind Computer Project, 1970. Includes draft referring to Massachusetts Institute of Technology and MITRE Corporation archival holdings on the Whirlwind Computer.
- Box 24 of 24 Folder 15 Whirlwind Computer Project, Redmond-Smith Manuscript, 1971-1973. Pertains to review of manuscript entitled, "Project Whirlwind: A Case History in Contemporary Technology," by Kent Redmond and Thomas Smith. Photographs of review meetings are also included.
- Box 24 of 24 Folder 16 Winnacker, R. A., 1970-1973. Pertains to advisory committee for the Computer History Project and transfer of MITRE documents on the Whirlwind Project.
- Box 24 of 24 Folder 17 Wood, Ben D., 1972-1973
- Box 24 of 24 Folder 18 Worlton, William J., 1972-1973. Pertains to historical literature in IEEE Spectrum, photographs of Atanasoff-Berry Computer, and draft of paper submitted to United States-Japan Conference on the MANIAC Project.
- Box 24 of 24 Folder 19 Y, 1962-1977. Correspondents include Asger Aaboe and Derek J. de Solla Price, both of Yale University
- Box 24 of 24 Folder 20 Z, 1968

Box 24 of 24

Folder 21 Zemanek, Heinz, 1972. Concerns International Federation for
Information Processing involvement with the Computer History Project.

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Series 5: DIVISION OF MATHEMATICS, BLUEPRINTS & MAPS, CIRCA 1963-1984.

Oversize

- Oversize Theormes in Color: Dibner Exhibit Blueprint [16 May 1980].
- Oversize Architectural Drawings of the National Museum of History and Technology:
First through Third Floors.
- Oversize Stacks Blueprint
- Oversize Six Blueprints for Computer History Exhibit: Hall of Chemistry and Hall of
Physics [28 June 1965].
- Oversize Astrolabe and Water Clock Drawings: Weights and Measurements. Exhibit
Layout [21 August 1963].
- Oversize Exhibit Floor Plans: ENIAC and MARK I computers.
- Oversize Two large blueprints with extensive descriptions for "Set and Reset
Mechanisms" (a.k.a. "Bit Adders") and "General Plan for the Tennis
Ball Computer." Also includes letter to Uta Merzbach that describes the
importance of these blueprints. [16-19 April, 1984].

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