Collection Summary

Title: John Von Neumann and Klara Dan Von Neumann Papers

Span Dates: 1912-2000
Bulk Dates: (bulk 1953-1963)
ID No.: MSS44180
Creator: Von Neumann, John, 1903-1957
Creator: Von Neumann, Klara Dan, 1911-1963
Extent: 19,100 items
Extent: 55 containers plus 1 oversize
Extent: 21.8 linear feet
Language: Collection material in English, Hungarian, German, and French
Location: Manuscript Division, Library of Congress, Washington, D.C.
LC Catalog record: https://lccn.loc.gov/mm82044180

Summary: Mathematician, atomic energy commissioner, and educator (John Von Neumann). Pioneer computer programmer (Klara Dan Von Neumann). Correspondence, memoranda, journals, speeches, article and book drafts, notes, charts, graphs, patent, biographical material, family papers, and other material pertaining to John Von Neumann's career as professor of mathematics, scientific advisor to government and industry, and author, and to the scientific career and family of his wife, Klara Dan Von Neumann.

Selected Search Terms

The following terms have been used to index the description of this collection in the LC Catalog. They are grouped by name of person or organization, by subject or location, and by occupation and listed alphabetically.

People
Aldor, Eva, approximately 1913-
Aldor, Eva, approximately 1913- --Correspondence.
Aldor, Peter, 1904-1976.
Aydelotte, Frank, 1880-1956--Correspondence.
Bethe, Hans A. (Hans Albrecht), 1906-2005--Correspondence.
Birkhoff, Garrett, 1911-1996--Correspondence.
Chandrasekhar, S. (Subrahmanyan), 1910-1995--Correspondence.
Dan family.
Dan, Kamilla, 1888-1983--Correspondence.
Dantzig, George B. (George Bernard), 1914-2005--Correspondence.
Deg, Elizabeth, 1908-1997 or 1998--Correspondence.
Dirac, P. A. M. (Paul Adrien Maurice), 1902-1984--Correspondence.
Eckart, Carl, 1902-1973--Correspondence.
Einstein, Albert, 1879-1955--Correspondence.
Fermi, Enrico, 1901-1954--Correspondence.
Flexner, Abraham, 1866-1959--Correspondence.
Gamow, George, 1904-1968--Correspondence.
Goldstine, Herman H. (Herman Heine), 1913-2004--Correspondence.
Goldstine, Herman H. (Herman Heine), 1913-2004.
Gödel, Kurt--Correspondence.
Heisenberg, Werner, 1901-1976--Correspondence.
Hove, L. van (Léon)--Correspondence.
Hurd, Cuthbert Corwin, 1911-1996--Correspondence.
Jordan, Pascual, 1902-1980--Correspondence.
Kent, R. H. (Robert Harrington), 1886-1961--Correspondence.
Kistiakowsky, George B. (George Bogdan), 1900-1982--Correspondence.
Maxwell, Robert, 1923-1991--Correspondence.
Morgenstern, Oskar, 1902-1977--Correspondence.
Neumann, Michael J., 1907-1989--Correspondence.
Oppenheimer, J. Robert, 1904-1967--Correspondence.
Ortvay, Rudolf, 1885-1945--Correspondence.
Pauli, Wolfgang, 1900-1958--Correspondence.
Strauss, Lewis L.--Correspondence.
Taub, A. H., 1911-1999--Correspondence.
Teller, Edward, 1908-2003--Correspondence.
Ulam, Françoise--Correspondence.
Ulam, Stanislaw M.--Correspondence.
Veblen, Oswald, 1880-1960--Correspondence.
Von Neumann family.
Von Neumann, John, 1903-1957.
Vonneuman, Nicholas A., 1911--Correspondence.
Weaver, Warren, 1894-1978--Correspondence.
Weyl, Hermann, 1885-1955--Correspondence.
Wiener, Norbert, 1894-1964--Correspondence.
Wigner, Eugene Paul, 1902-1995--Correspondence.

Organizations
Institute for Advanced Study (Princeton, N.J.)--Faculty.
Los Alamos Scientific Laboratory.
U.S. Army Ballistic Research Laboratory.

Subjects
Ballistics.
Computer programming.
Computers.
Continuous geometries.
Game theory.
Logic, Symbolic and mathematical.
Mathematics--Study and teaching.
Nuclear energy--Government policy--United States.
Nuclear energy.
Operator theory.
Physics.
Quantum theory.

Titles
John Von Neumann papers
Klara Dan Von Neumann papers

Occupations
Atomic energy commissioners.
Computer programmers.
Educators.
Mathematicians.
Provenance

The papers of John Von Neumann, mathematician, atomic energy commissioner, and educator, and Klara Dan Von Neumann, pioneer computer programmer, were given to the Library of Congress, 1974-2012, by his daughter Marina Von Neumann Whitman. An addition was received in 1993 from brother Nicholas A. Vonneuman. Other gifts and a purchase were received between 1998 and 2005.

Processing History

The Von Neumann Papers were arranged and described in 1992. Additions were made to the collection in 1993, 2002, and 2014.

Transfers

Items have been transferred from the Manuscript Division to other custodial divisions of the Library. A video recording has been transferred to the Motion Picture, Broadcasting and Recorded Sound Division. Glass negatives were transferred to the Prints and Photographs Division. All transfers are identified in these divisions as part of the John Von Neumann and Klara Dan Von Neumann Papers.

Copyright Status

The status of copyright in the unpublished writings of John Von Neumann and Klara Dan Von Neumann is governed by the Copyright Law of the United States (Title 17, U.S.C.).

Access and Restrictions

The papers of John Von Neumann and Klara Dan Von Neumann are open to research. Researchers are advised to contact the Manuscript Reading Room prior to visiting. Many collections are stored off-site and advance notice is needed to retrieve these items for research use.

Preferred Citation

Researchers wishing to cite this collection should include the following information: Container number, John Von Neumann and Klara Dan Von Neumann Papers, Manuscript Division, Library of Congress, Washington, D.C.

Biographical Note

John Von Neumann

<table>
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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>1903, Dec.28</td>
<td>Born Neumann János Lajos, Budapest, Hungary</td>
</tr>
<tr>
<td>1926</td>
<td>Ph.D., University of Budapest, Budapest, Hungary</td>
</tr>
<tr>
<td>1929</td>
<td>Married Mariette Kovesi (divorced 1937)</td>
</tr>
<tr>
<td>1930</td>
<td>Immigrated to United States</td>
</tr>
<tr>
<td>1930-1933</td>
<td>Visiting professor, Princeton University, Princeton, N.J.</td>
</tr>
<tr>
<td>1932</td>
<td>Published <em>Mathematische Grundlagen der Quantenmechanik</em>. Berlin: J. Springer</td>
</tr>
<tr>
<td>1933-1957</td>
<td>Research professor of mathematics, Institute for Advanced Study, Princeton, N.J.</td>
</tr>
<tr>
<td>1937</td>
<td>Naturalized United States citizen</td>
</tr>
<tr>
<td>1939</td>
<td>Married Klara Dan</td>
</tr>
</tbody>
</table>
1940-1957  Member, Scientific Advisory Committee, Ballistic Research Laboratory, Aberdeen, Md.
1943 1955  Consultant, Los Alamos Scientific Laboratory, Los Alamos, N.Mex.
1952-1954  Member, General Advisory Committee, United States Atomic Energy Commission
1955-1957  Commissioner, United States Atomic Energy Commission
1957, Feb. 8  Died, Washington, D.C.

**Klara Dan Von Neumann**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>Aug. 18, 1911</td>
<td>Born Dan Klara, Budapest, Hungary</td>
</tr>
<tr>
<td>1921-1929</td>
<td>Attended Veres Pálné Gimnázium, Budapest, Hungary</td>
</tr>
<tr>
<td>ca 1930-1938</td>
<td>Married and divorced Francis Engel and Andrew Rapoch</td>
</tr>
<tr>
<td>1938</td>
<td>Married John Von Neumann and emigrated to the United States</td>
</tr>
<tr>
<td>1942</td>
<td>Naturalized United States citizen</td>
</tr>
<tr>
<td>1943-1945</td>
<td>Head, Statistical Computing Group, Princeton University, Princeton, N.J.</td>
</tr>
<tr>
<td>1958</td>
<td>Married Carl Eckart (died 1973)</td>
</tr>
<tr>
<td>1963, Nov. 10</td>
<td>Died, La Jolla, Calif.</td>
</tr>
</tbody>
</table>

**Scope and Content Note**

The papers of John Von Neumann (1903-1957) and Klara Dan Von Neumann (1911-1963) span the years 1912-2000, with the bulk of the items concentrated in the period 1935-1963. The papers pertain primarily to John Von Neumann's life in the United States after he emigrated from Hungary to the United States in 1930 and to the work and family of his second wife and widow, Klara, after her emigration in 1938. Featured is John's career as professor of mathematics at the Institute for Advanced Study in Princeton, 1933-1957, adviser and commissioner on the United States Atomic Energy Commission, 1952-1957, scientific consultant to government and industry, and author of works on various scientific topics. Also featured are their family relationships and Klara's career as a computer programmer. The collection consists of correspondence, memoranda, journals, speeches, articles and book drafts, notes, charts, graphs, patent, family papers, clippings, printed matter, photographs, and other material. The papers are organized into seven series: Family Papers, General Correspondence, Subject File, Speeches and Writings File, Addition I, Addition II, and Oversize.

The **Family Papers** series consists chiefly of correspondence between John Von Neumann and family members. Of particular significance is the extensive correspondence between him and wife Klara concerning professional and family matters.


The **Subject File** documents all facets of John Von Neumann's career in the United States, reflecting his role in early computer and atomic research. The bulk of the series pertains to his work at the Institute for Advanced Study, including his tenure as director of the Electronic Computer Project. Other papers document Von Neumann's many consultancies. Of particular interest are files relating to his work at the United States Army Ballistic Research Laboratory in Aberdeen, Maryland.
The Speeches and Writings File reflects Von Neumann's interest in numerous scientific and mathematical subjects. The series includes his early writings in quantum mechanics and logic, his writings on continuous geometries, operator theory, ballistic research, and his later works concerning computers. Also of note is his pioneering work on the theory of games. Throughout the Speeches and Writings File are evaluations of Von Neumann's work written after his death by his colleagues. Among the reviewers were Herman Heine Goldstine, Paul R. Halmos, and Abraham Haskel Taub.

Addition I to the papers consists of correspondence between John Von Neumann and Eva Aldor, other material relating to Eva and Peter Aldor, correspondence relating to the Poiseuille-type laminar flow, biographical information, a patent, photographs, and printed matter.

The bulk of Addition II was created by Klara Dan Von Neumann. Taught by her husband, she developed into one of the early computer programers. In the general correspondence of Addition II is Klara's correspondence with many of the physicists and mathematicians documented in the General Correspondence, and their wives, including fellow programmers such as Francois Ulman.

In the family correspondence of Addition II are letters spanning 1937-1954 between Klara and John Von Neumann. Also in the file are Klara's exchanges with John Von Neumann's brothers, Michael J. Neumann and Nicholas A. Vonneumann, and in Hungarian with members of Klara's own Dan family, including her mother, Kamilla Dan, and sister, Elizabeth Deg. Much of the Hungarian correspondence relates to getting Klara and then her family members, who were Jewish, out of continental Europe at the onset of World War II.

A file relating to John Von Neumann's literary estate includes correspondence with Robert Maxwell, the proprietor of Pergamon Press and publisher of his collected works.

Arrangement of the Papers

This collection is arranged in seven series:

- Family Papers, 1929-1956
- General Correspondence, 1926-1959
- Subject File, 1930-1974
- Speeches and Writings File, 1928-1960
- Addition I, 1912-1996
- Addition II, 1926-2000
- Oversize
### Description of Series

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<th>Container</th>
<th>Series</th>
<th>Description</th>
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<tr>
<td>BOX 1</td>
<td><strong>Family Papers, 1929-1956</strong></td>
<td>Correspondence, telegrams, official documents, and other papers. Arranged alphabetically.</td>
</tr>
<tr>
<td>BOX 2-8</td>
<td><strong>General Correspondence, 1926-1959</strong></td>
<td>Correspondence and attached material with friends and colleagues. Arranged alphabetically by name of person or institution.</td>
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<tr>
<td>BOX 8-19</td>
<td><strong>Subject File, 1930-1974</strong></td>
<td>Correspondence, telegrams, memoranda, journals, logs, tests, travel orders, invitations, charts, graphs, forms, biographical data, photographs, clippings and other printed matter, and miscellaneous material. Organized by name of person or organization, topic, or type of material.</td>
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<td>BOX 19-33</td>
<td><strong>Speeches and Writings File, 1928-1960</strong></td>
<td>Correspondence, speeches, articles, book drafts, notes, contracts, clippings, and printed matter. Speeches have been separated from other writings, which are arranged alphabetically by type of writing and therein alphabetically by type of material, subject, or title.</td>
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<td>BOX 34</td>
<td><strong>Addition I, 1912-1996</strong></td>
<td>Correspondence, biographical data, patents, photographs, a report, printed matter, and an index. Arranged by year of addition and therein alphabetically by name of person or type of material.</td>
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<td>BOX 35-55</td>
<td><strong>Addition II, 1926-2000</strong></td>
<td>Correspondence, diary, legal documents, photographs, topical files, biographical material, computer programming flow charts, and writings relating to Von Neumann and his second wife, Klara Dan Von Neumann. Arranged by name of husband and wife and therein by type of material.</td>
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<td>BOX OV 1</td>
<td><strong>Oversize</strong></td>
<td>Dummy for magazine article and computer programming flow charts.</td>
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## Container List

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| **BOX 1** | **Family Papers, 1929-1956**  
Correspondence, telegrams, official documents, and other papers.  
Arranged alphabetically. |
| **BOX 1** | Correspondence  
Dan, Kamilla, 1940-1941  
General, 1929-1956  
Kovesi (Von Neumann), Mariette, 1937-1941, undated  
Kovesi, Paulette, 1937, undated  
Neumann, Michel J., 1939-1956  
Von Neumann, Klara Dan, 1938-1952, undated  
(3 folders)  
Von Neumann, Margaret, 1937-1939, 1948, undated  
Von Neumann, Nicholas A., 1939-1954  
Subject file  
Divorce and marriage, 1937-1938  
Financial papers, 1933-1954, undated  
Immigration and naturalization, 1934-1953  
Miscellany, 1929-1939, undated  
Other official documents, 1930-1942, undated |
| **BOX 2-8** | **General Correspondence, 1926-1959**  
Correspondence and attached material with friends and colleagues.  
Arranged alphabetically by name of person or institution. |
| **BOX 2** | Aldor, Peter, 1946-1954, undated  
Alexandroff, Paul, 1935  
Aydelotte, Frank, 1940-1945, 1956  
"A" miscellaneous, 1933-1956, undated  
Bay, Zoltan L., 1945-1954  
Bethe, Hans Albrecht, 1941-1945, 1953-1956  
Bigelow, Julian, 1947-1956  
Birkhoff, Garrett, 1935-1956, undated  
Blake, Gwen, 1934-1942  
Bohr, Niels, 1951  
Bonhoeffer, Karl Fredrich, 1949, undated  
Bush, Vannevar, 1949-1950  
"B" miscellaneous, 1926-1956, undated  
(2 folders)  
Calkin, John, 1941-1945, 1955-1956  
Chandrasekhar, S. (Subrahmanyan), 1935-1942, 1950-1956 |
<p>| <strong>BOX 3</strong> | Courant, Richard, 1938-1942, 1955-1956 |</p>
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<td>Dantzig, George Bernard, 1947-1948, undated</td>
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<td>Dirac, P. A. M. (Paul Adrien Maurice), 1934-1938, undated</td>
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<td>&quot;D&quot; miscellaneous, 1944-1956</td>
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<td>Eckart, Carl, 1945, 1952-1956, undated</td>
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<td>Einstein, Albert, 1937</td>
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<td>&quot;E&quot; miscellaneous, 1938-1954</td>
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<td>Fellner, William J., 1946-1956, undated</td>
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<td>Fermi, Enrico, 1949-1951, undated</td>
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<td>Flexner, Abraham, 1933-1944, 1956</td>
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<td>Frankel, Stanley, 1946-1955</td>
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<td>Fréchet, Maurice, 1934, 1952-1953, 1959</td>
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<td>Friedman, William F., 1952-1956</td>
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<td>&quot;F&quot; miscellaneous, 1934-1956, undated</td>
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<td>Gamow, George, 1940-1956, undated</td>
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<td>Gödel, Kurt, 1938-1939, 1956</td>
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<td>Godement, Roger, 1949-1950, undated</td>
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<td>BOX 4</td>
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<td>Goldstine, Herman H., 1944-1956, undated</td>
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<td>Halperin, Israel, 1936-1940, 1946-1952</td>
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<td>Harrison, George R., 1945, 1956</td>
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<td>Heisenberg, Werner, 1950</td>
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<td>Hove, L. van (Léon), 1950</td>
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<td>Hurd, Cuthbert C., 1948-1958, undated</td>
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<td>Kakutani, Shizuo, 1942-1955, undated</td>
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<td>Kent, R. H. (Robert Harrington), 1938-1956</td>
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<td>BOX 5</td>
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<td>Kistiakowsky, George B., 1942-1949</td>
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<td>Koopmans, Tjalling Charles, 1945-1946, 1959</td>
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<td>Kuhn, Harold, 1949-1953</td>
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<td>&quot;K&quot; miscellaneous, 1939-1956</td>
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<td>Leutert, Werner, 1950-1951</td>
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<td>Loewner, Charles, 1943-1947</td>
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<td>Lorch, Edgar, 1946-1947, 1958</td>
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<td>Mayer, Joseph E., 1950</td>
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<td>Monteiro, Antonio, 1941-1942</td>
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<td>Montgomery, Deane, 1955-1956</td>
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<td>Morgenstern, Oskar, 1940, 1949-1956</td>
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<td>Newman, Max H. A., 1946, undated</td>
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| BOX 6     | "N" miscellaneous, 1933-1955  
Ohlinger, Lee A., 1950-1954  
Oppenheimer, J. Robert, 1955-1956  
Ortvay, Rudolf, 1938-1939  
Overbeck, William P., 1945-1946  
"O" miscellaneous, 1934, 1942-1946, 1954  
Panofsky, Hans A., 1946-1947, undated  
Pauli, Wolfgang, 1939-1940  
"P" miscellaneous, 1933, 1939-1957, undated  
Ridenour, Louis N., 1944-1948  
"R" miscellaneous, 1932-1956, undated  
Stone, Marshall H., 1940-1945, 1955  
Strauss, Lewis L., 1945-1956, undated  
(2 folders)  
Szent-Györgyi, Albert, 1949-1954, undated  
"S" miscellaneous, 1933-1956, undated  
(2 folders) |
| BOX 7     | (2 folders)  
Teller, Edward, 1944-1956, undated  
"T" miscellaneous, 1934-1942, 1948-1957, undated  
(2 folders)  
Ulam, Stanislaw M., 1937-1956, undated  
(2 folders)  
"U" miscellaneous, 1939-1942, 1955-1956  
Veblen, Oswald, 1933, 1939-1945, 1956-1957, undated  
"V" miscellaneous, 1934, 1950-1956  
Weaver, Warren, 1940-1952  
Wiener, Norbert, 1945-1946, 1955  
| BOX 8     | "W" miscellaneous, 1938-1957, undated  
(2 folders)  
"Y" miscellaneous, 1955-1957, undated  
"Z" miscellaneous, 1934, 1955-1956, undated  
Unidentified, 1933-1956, undated |
| BOX 8-19  | **Subject File, 1930-1974**  
Correspondence, telegrams, memoranda, journals, logs, tests, travel orders, invitations, charts, graphs, forms, biographical data, photographs, clippings and other printed matter, and miscellaneous material.  
Organized by name of person or organization, topic, or type of material. |
| BOX 8     | Address cards, undated  
Air Research and Development Command, 1952-1954  
American Academy of Arts and Sciences, 1945  
American Committee for the Weizmann Institute of Science, 1947-1954 |
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| BOX 9     | American Institute of Electrical Engineers, 1950-1951  
            American Mathematical Society, 1932-1955  
                (4 folders)  
            American Physical Society, 1932, 1946-1948  
            *Annals of Mathematics*, 1945-1953  
            Anti-Nazi meeting of Soviet scientists, 1941  
            Armed Forces Special Weapons Project  
                Ad hoc panel, 1951-1952  
                Consultant agreement, 1950-1956  
                Consulting and travel, 1951-1954  
                General correspondence, 1951-1953  
                Shock waves, 1952  
            Army Advisory Committee on Mathematics, 1947-1948  
            Army Chemical Center, Aberdeen, Md., 1948-1949  
            Atomic Energy Commission  
                Consultant agreement, 1954-1955  
                Daily log of visitors and phone calls, 1955-1956  
                    (4 folders)  
                General Advisory Committee, 1952-1953  
                General correspondence  
                    1955, Apr.-Aug. |
                (3 folders)  
            Nomination  
                Confirmation hearings, 1955  
                Congratulatory correspondence, 1954  
                    (3 folders)  
            Travel authorizations, 1955  
            Atomic project, 1944-1945  
            Ballistic Research Laboratory, Aberdeen, Md.  
                Consultant agreement, 1945-1955  
                General correspondence, 1944 |
| BOX 11    | Scientific Advisory Committee, 1940-1955, undated  
                (2 folders)  
            Biographical material, 1951-1955, undated  
            Brookhaven National Laboratory, Upton, N.Y., 1947-1951  
            Calendars, 1952-1955  
            Central Intelligence Agency, 1952-1956  
            Charts and graphs, undated  
                (2 folders)  
            Columbia University, New York, N.Y., 1953-1954  
            Computers  
                Crystals and proteins, 1946-1947  
                    (2 folders) |
| BOX 12    | (1 folder)  
            Electronic Numerical Integrator and Computer (ENIAC) |
Flow diagram, 1950
General, 1947-1951
Meteorology calculations, 1949-1950
Monte Carlo method, undated
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Machine time studies, 1954
Moore School of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa., 1945-1946
Consultanships, list of, 1955
Conversations, memoranda of, 1952-1956
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Enrico Fermi Award, 1956
Forbath, Tamas B., 1942
German Academy of Science in Berlin, Berlin, Germany (East), 1950-1954
Institute for Advanced Study, Princeton, N.J.
Administrative, 1933-1945
Faculty, 1939, 1945-1956
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(4 folders)
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School of Mathematics
General correspondence, 1945-1951
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Consultant agreement, 1945-1955
Davies, William H., 1954
General correspondence, 1947-1955
Seminar on scientific computation, 1949
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Johns Hopkins University, editorial board of the Applied Physics Laboratory of the Johns Hopkins University on Applied Mathematics and Mechanics, Baltimore, Md., 1951-1955
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Kilgore Manufacturing Co., 1954-1955
Library of Congress, 1960-1963
Los Alamos Scientific Laboratory, Los Alamos, N.Mex.
Consultant agreement, 1946-1951
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Subject File, 1930-1974

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BOX 15

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Miscellany, 1954-1955
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Revelle, Roger, 1947
Rex, Daniel F., 1946-1947
Rossby, Carl G., 1946-1951
Military papers
Exams, 1938-1939
Travel orders, 1940-1944
Miscellany, 1933-1957, undated
National Academy of Sciences, 1937-1949
(2 folders)
National Advisory Committee for Aeronautics, 1946-1947
National Defense Research Committee, 1940-1946, undated
(1 folder)

BOX 16

National Research Council
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General, 1944-1950
National Science Foundation, 1955-1956
National Security Agency
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Scientific Advisory Board, 1953-1955
Travel and consulting, 1953-1955
Naval Ordnance Laboratory, White Oak, Md., 1947-1955
Oak Ridge National Laboratory, Oak Ridge, Tenn., 1949-1955
Office of the Assistant Secretary of Defense, 1953-1955
Patent, 1957
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General, undated

BOX 17

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Research and Development Board, 1947-1950
Research Board for National Security, 1945
Sandia Corp., 1954-1955
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Security clearances, 1948-1954
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            Taub, Abraham Haskel, 1945-1946  
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            Trips  
            Colombia, 1950  
            Europe, 1949  
            (2 folders)  
| BOX 20    | Mexico, 1946  
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            United States Air Force  
            ATLAS Scientific Advisory Group, 1954  
            Scientific Advisory Board  
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            General, 1951-1957  
            University of California, Berkeley, Calif., 1952-1955  
            Von Neumann, Klara Dan, professional miscellany, 1947-1962, 1974  
            Weapons Systems Evaluation Group, 1950-1955 |
| BOX 21    | Speeches and Writings File, 1928-1960  
            Correspondence, speeches, articles, book drafts, notes, contracts, clippings, and printed matter.  
            Speeches have been separated from other writings, which are arranged alphabetically by type of writing and therein alphabetically by type of material, subject, or title.  
| BOX 19    | Speeches  
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| BOX 20    | 1949-1954  
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|          | Writings  
|          | Article file  
|          | By Von Neumann  
|          | 1928, "Zur Theorie der Gesellschaftsspiele"  
|          | 1932, "Zur Operatorenmethode in der Klassischen Mechanik"  
|          | 1934, "On an Algebraic Generalization of the Quantum Mechanical Formalism"  
|          | 1935, "On Relativistic Gas-Degeneracy and the Collapsed Configuration of Stars"  
|          | 1936  
|          | "On Rings of Operators"  
|          | "The Uniqueness of Haar's Measure"  
|          | 1937  
|          | "Continuous Rings and Their Arithmetics" |
"On Rings of Operators II"
"Quantum Mechanics of Infinite Systems"
"Some Matrix-Inequalities and Metrisation of Matrix-Space"
"Uber ein Okonomisches Gleichungssystem und eine Verallgemeinerung des Brouwerschen Fixpunktsatzes"
1938, "On Infinite Direct Products"
1940
"Discussion of De Sitter's Space and of Dirac's Equation in It"
"Minimally Almost Periodic Groups"
"On Rings of Operators III"
1941
"Distribution of the Ratio of the Mean Square Successive Difference to the Variance"
"Fourier Integrals and Metric Geometry"
1942
"Approximate Properties of Matrices of High Finite Order"
"Further Remark Concerning the Distribution of the Ratio of the Mean Square Successive to the Variance"
"Statistics of the Gravitational Field Arising From a Random Distribution of Stars"
1943, "On Rings of Operators IV"
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"Symmetric Solutions of Some General N-Person Games"
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"Discussion of a Maximum Problem"
"The Mathematician"
1948
"Coding Scheme for the Poiseuille-Flow Stability Problem"
(2 folders)
"First Report on the Numerical Calculation of Flow Problems"
(2 folders)
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1949, "On Rings of Operators: Reduction Theory"
1950, "Statistical Treatment of Values of First 2000 Decimal Digits of e and pi Calculated on the ENIAC"
1951
"Description of the Conformal Mapping Method for the Integration of Partial Differential Equation Systems with 1+2 Independent Variables"
"Eine Spektraltheorie fur allgemeine Operatoren eines unitaren Raumes"
"Remarks Concerning Various Forms of the 'Relaxation Method'"
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1952, "Digital Computations in Hydromechanics"
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"Certain Zero-Sum Two-Person Game Equivalent to the Optimal Assignment Problem"
"Notes on the Photon-Disequilibrium-Amplification Scheme"
"Two Variants of Poker"
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"Numerical Method to Determine Optimum Strategy"

BOX 25
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"Blast Wave Calculation"
"Can We Survive Technology?"
Fermi, Enrico
"On the Permutability of Self-Adjoint Operators"
1956
"Probabilistic Logics and the Synthesis of Reliable Organisms from Unreliable Components"

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"Comparison of Two Cells"
"Discussion of the Cylinder Symmetrical Geometry of Points and Trajectories"
"Fourier Transformation Method for Two-Dimensional (Baratropic) Meteorological Prediction"
"Measure in Functional Spaces"
"Non-Isomorphism of Certain Continuous Rings"
"Numerical Method for Determination of the Value and the Best Strategies of a Zero-Sum Two-Person Game with Large Numbers of Strategies"
"On Generalized Matrix-Algebras with a Unique Trace"
"On Relativistic Gas-Degeneracy and the Collapsed Configuration of Stars"
"Point-Source Model"
"Point-Source-Solution, Assuming a Degeneracy of the Semi-Relativistic Type, \( p=Kp^{4/3} \), Over the Entire Star"

BOX 26
"Reliable Organizations of Unreliable Elements"
"Representation of Certain Linear Groups by Unitary Operators in Hilbert Space"
"Study of a Numerical Solution to a Two-Dimensional Hydrodynamical Problem"

By others
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Weyl, Hermann, undated

Book file
"Continuous Geometries with a Transition Probability," 1937
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BOX 27
*Functional Operators*, 1950
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"Invariant Measures," 1940-1941
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"Lattice Abelian Groups," circa 1940
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BOX 28
"Theory of Automata," undated
(2 folders)
Theory of Games and Economic Behavior, 1943
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   Continuous geometries, 1935-1937
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   Petroleum company writings, 1948-1959, undated
   Philosophical Society of Washington, D.C., 1945-1946
   Princeton University Press, 1948-1957
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   Publications, list of, 1955-1960, undated
   Reviews, 1937
   Yale University, New Haven, Conn., 1954
   Unidentified, undated
   Reports
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      Congressional reapportionment
      "Planning and Coding of Problems for an Electronic Computing Instrument"
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      1949, "Recent Theories of Turbulence"
      1953, "An Analysis of the Linear Displacement of Oil by Gas-Driven Solvent"
   Undated, shock waves (incomplete)

BOX 34  Addition I, 1912-1996
   Correspondence, biographical data, patents, photographs, a report, printed matter, and an index.
   Arranged by year of addition and therein alphabetically by name of person or type of material.
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Photographs, 1912-1983, undated
Printed matter, 1946-1955, 1971
2002 addition
Miscellany, 1948, 1957, 1996

BOX 35-55  Addition II, 1926-2000
Correspondence, diary, legal documents, photographs, topical files, biographical material, computer programming flow charts, and writings relating to Von Neumann and his second wife, Klara Dan Von Neumann.
Arranged by name of husband and wife and therein by type of material.

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Atomic Energy Commission, 1955-1959
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BOX 36
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Biographical material, 1961-1964
Charles Dan estate
Correspondence
Dan, Kamilla, 1939-1951
Von Neumann, John
1940-1948
(4 folders)

BOX 37
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Financial papers
- Bank statements, 1940-1945
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- Miscellany, 1939-1954
- Funeral and cemetery arrangements, 1939-1948
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  Chilton Books, Philadelphia, Pa., 1960
  Computer instructions and flow charts, undated
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  - Dan, Kamilla (mother)
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    (5 folders)
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  - Neumann, Michael J. (brother-in-law), 1941-1963, undated
    (2 folders)

**BOX 42**
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- Vonneumann, Nicholas A. (brother-in-law), 1942-1961
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| BOX 51    | Death of John Von Neumann, 1957  
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Diary, 1928-1929 |
| BOX 52    | Household move, Budapest, Hungary to United States  
Institute for Advanced Study, Princeton, N.J.  
Literary estate of John Von Neumann  
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| BOX 53    | Miscellany, 1955-1962, undated  
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Los Alamos Scientific Laboratories, Los Alamos, N.Mex., 1945-1953, undated  
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| **BOX OV 1** | Princeton University, Princeton, N.J., 1947-1960  
Ration books and related document, 1943  
Strauss, Louis L., 1959  
U.S. Air Force Academy, Colorado Springs, Colo., Dr. John Von Neumann Award  
*Falcon News*, 1960-1962  
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Computer programming flow charts, undated (Container 38) |