

Guide to the Horace Dwight Taft Papers

MS 1399



compiled by Susan Brady with Amy Shine

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Collection Overview

REPOSITORY: Manuscripts and Archives
Yale University Library
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CALL NUMBER: MS 1399

CREATOR: Taft, Horace Dwight, 1925-1983

TITLE: Horace Dwight Taft papers

DATES: 1888-1983

PHYSICAL DESCRIPTION: 34.5 linear feet (85 boxes)

LANGUAGE: English

SUMMARY: The papers consist of correspondence, topical files, and physics files which document Taft's career as a professor and researcher in physics and as an administrator at Yale University. While the majority of records created during Taft's tenure as master of Davenport College and dean of Yale College are within the University Archives, Taft maintained some correspondence from these offices within his personal papers. His personal files contain correspondence with his parents and other family members, diaries, and student notebooks and papers. As a member of the board of the Taft School, Taft maintained files of correspondence, board meeting minutes, reports, and printed material from 1953-1983.

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Key to the container abbreviations used in the PDF finding aid:

b. box
f. folder

Administrative Information

Immediate Source of Acquisition

Gift of Mrs. Horace D. Taft, 1985.

Conditions Governing Access

The materials are open for research.

Conditions Governing Use

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Preferred Citation

Horace Dwight Taft Papers (MS 1399). Manuscripts and Archives, Yale University Library.

Biographical / Historical

Horace Dwight Taft was born in Cincinnati, Ohio on April 2, 1925, the son of Senator Robert A. and Martha Bowers Taft, and grandson of President William Howard Taft. He attended the Taft School in Watertown, Connecticut, which was founded by a grand-uncle, Horace Dutton Taft. After serving in the United States Army from 1943 to 1946, Taft enrolled in Yale University and received a Bachelor of Arts degree in 1950. Taft was a research assistant and studied under Enrico Fermi at the University of Chicago, where he received a master's degree (1953) and a Ph.D. (1955) in physics.

Taft joined the Yale faculty in 1956 as an instructor in physics, and was appointed a professor in 1964. He was master of Davenport College from 1966 to 1971, and dean of Yale College from 1971 to 1979. He served on numerous university committees and was director of undergraduate studies in physics.

Taft's research in 1962 with a group of American and European physicists led to the discovery and identification of one of the last predicted antimatter particles, known as the anti-XI-minus. The discovery helped establish the symmetry between matter and antimatter, a form of matter in which the property of each particle is the reverse of the usual matter in the universe. With Professor Irwin Pless of the Massachusetts Institute of Technology, Taft developed a device to help physicists read automatically the photographs of paths of subatomic particles and to extract highly specific kinds of information from them. At the time of his death he was involved in research to find a particle called the Tau-neutrino.

Taft was married to Mary Jane Badger. They had three sons, John G. Taft, Hugh B. Taft-Morales, and Horace D. Taft. Horace Dwight Taft died in New Haven, Connecticut on February 11, 1983.

Scope and Contents

The Horace Dwight Taft Papers consist of correspondence, topical files, teaching files, and physics files which document Taft's career as a professor and researcher in physics and as an administrator at Yale University. The papers were the gift of Mrs. Horace Dwight Taft in 1985. The 34.5 linear feet of papers are arranged in three series: I.CORRESPONDENCE AND TOPICAL FILES, II.TEACHING FILES, and III.PHYSICS FILES.

Series I, CORRESPONDENCE AND TOPICAL FILES, consists of alphabetically arranged files containing material which documents Taft's professional and personal activities. Correspondence, grant proposals, annual reports and budgets document physics projects which Taft conducted during his tenure at Yale in conjunction with the Atomic Energy Commission, the Department of Energy, and the Argonne, Brookhaven, Fermi, and National Accelerator laboratories. Additional material relating to these projects may be found in Series III. Taft's service on advisory panels and committees of numerous professional organizations, and his participation in national and international conferences are documented by correspondence and subject files including those of the American Physical Society, the High Energy Physics Advisory Panel, and the International Conference on High Energy Physics.

While the majority of records created during Taft's tenure as master of Davenport College and dean of Yale College are within the University Archives, Taft maintained some correspondence from these offices within his personal Yale files. Taft's administrative and committee activities at Yale, including the Committee on Academic Computing, the Committee on Energy Conservation, the Course of Study Committee, and the Tobin Committee, are documented by correspondence and printed material.

Personal files within the series include correspondence with family members and friends, diaries dating from 1964 to 1983, student notebooks and typescripts of his doctoral thesis chapters, and various personal memorabilia. Writings files containing preprints and reprints of Taft's articles dating from 1956 to 1982, and speeches given at Yale, the Taft School, and other institutions, are also included in the series. As a member of the board of trustees of the Taft School, Taft maintained files of correspondence, board meeting minutes, reports, and printed material dating from 1953 to 1983.

Following the alphabetically arranged correspondence and topical files in this series, is a chronological run of correspondence pertaining to personal and professional subjects.

Series II, TEACHING FILES, consists of course files containing syllabi, lecture notes, problems, examinations, and class lists. Additional files within the series contain graduate student and physics majors data, thesis proposals, and physics department curriculum and departmental examination information.

Series III, PHYSICS FILES, contains notes, data, computer tapes and print-outs, and miscellaneous material relating to physics projects which Taft conducted. As the files are arranged as they were received from Taft's office, there is some overlap between material in this and other series.

Arrangement

Arranged in three series: I. Correspondence and Topical Files, 1888-1983. II. Teaching Files, 1941-1982. III. Physics Files, 1947-1983.

Collection Contents

Series I: Correspondence and Topical Files, 1888-1983

18.5' (45 boxes)

This series contains correspondence and topical files arranged alphabetically by personal, corporate, or subject name, followed by a run of correspondence arranged chronologically by year.

American Physical Society		
b. 1, f. 1	Division of Particles and Fields	1979
b. 1, f. 2-3	General	1962-1975
b. 1, f. 4	General	1979-1982
Panel on Public Affairs		
b. 1, f. 5	Arms control	1982
b. 1, f. 6	Breeder reaction study	1980-1982
b. 1, f. 7	Education	1981-1983
b. 1, f. 8	Export controls	1980-1981, undated
b. 1, f. 9	Funding of research	1980-1982
b. 1, f. 10-13	Meetings: agenda and minutes	1980 January– Dec, 1981 January–Apr, 1982, undated
b. 1, f. 14	Meetings: minutes and miscellaneous material	1981-1982
b. 1, f. 15	Miscellaneous reports	undated
b. 2, f. 16	Miscellaneous reports	undated
b. 2, f. 17	Public affairs	1980-1982, undated
b. 2, f. 18	Studies	undated
b. 2, f. 19	Study on alternative energy approaches	1977-1978
b. 2, f. 20	Study on alternative energy approaches	1980-1981
b. 2, f. 21	Study on research planning for coal utilization and synthetic fuel production	1980-1981
b. 2, f. 22	Subcommittee on International Scientific Affairs	1982
b. 2, f. 23	Subcommittee on National Scientific Affairs	1981-1982
b. 2, f. 24	Women's issues	1981

American Physical Society > Panel on Public Affairs (continued)

b. 2, f. 25-26	Workshop	1980-1983
b. 2, f. 27-28	Argonne National Laboratory	1962-1966, 1971, undated
Atomic Energy Commission		
b. 2, f. 29	Annual Inventory Report on Automatic Data Processing	1963-1965
b. 2, f. 30	Annual Inventory Report on Automatic Data Processing	1967
b. 3, f. 31-33	Annual Inventory Report on Automatic Data Processing	1968-1973, undated
b. 3, f. 34-35	Computer report	1963-1966 January-August
b. 3, f. 36	Computer report	1966 October-December
b. 3, f. 37	Computer report	1967, undated
b. 3, f. 38	Computing funds	1967
b. 3, f. 39-41	Correspondence	1961-1973
b. 3, f. 42	General services, administration, and surplus	1968-1970
b. 3, f. 43	Miscellaneous notes	1968-1974, undated
Program budgets		
b. 3, f. 44	FY-1962-1965	1961-1964
b. 3, f. 45	FY 1966	1965
b. 4, f. 46	FY 1967	1966
b. 4, f. 47	FY 1968	1967
b. 4, f. 48	FY 1968, 1969	1968
b. 4, f. 49	FY 1970	1969
b. 4, f. 50	FY 1971	1970
b. 4, f. 51	FY 1972-1974	1971
b. 4, f. 52	FY 1972-1974	1972
b. 4, f. 53	FY 1974	1973
b. 4, f. 54	FY 1973-1976	1973-1974
b. 4, f. 55	FY 1975-1976	1975-1976
b. 4, f. 56	Semi-annual Report on Accomplishments in Automatic Data Processing	1968-1969

Atomic Energy Commission (continued)

b. 4, f. 57	Semi-annual Report on Accomplishments in Automatic Data Processing	1971-1973, undated
b. 5, f. 58-59	Brookhaven National Laboratory	1977-1982
b. 5, f. 60	Brookhaven National Laboratory. High Energy Discussion Group	1980
b. 5, f. 61	Disadvantaged businesses	1980
b. 5, f. 62	Energy	1977-1979
b. 5, f. 63-69	Fermi National Accelerator Laboratory	1964-1971
b. 6, f. 70-78	Fermi National Accelerator Laboratory	1972-1978
b. 7, f. 79-82	Fermi National Accelerator Laboratory	1979-1982
b. 7, f. 83-88	Fermi National Accelerator Laboratory: Bubble Chamber Survey	1970-1973, undated
b. 7, f. 89	Fermi National Accelerator Laboratory: Neutrino Area Committee	1981-1982
b. 8, f. 90	Fermi National Accelerator Laboratory: Neutrino Area Committee	undated
b. 8, f. 91	Fermi National Accelerator Laboratory: Tevatron Program Workshop	1979
b. 8, f. 92	Fermi National Accelerator Laboratory: Trilling Committee	1981
b. 8, f. 93	Gibbs Society	1969
b. 8, f. 94	Heavy quark spectrometer meeting notes See also: box 24, folders 294-297	1981
	High Energy Physics Advisory Panel (HEPAP)	
b. 8, f. 95	Bubble chamber contribution	1968, undated
b. 8, f. 96	Miscellaneous material	1968 January- April
b. 8, f. 97	Miscellaneous material	1968 May-1970, undated
b. 8, f. 98	Princeton-Pennsylvania Accelerator Presentation	1968
	Subcommittee on Computer Usage	
b. 8, f. 99-100	Argonne National Laboratory	1968-1969
b. 8, f. 101	Brenner, A. E.	1969-1970
b. 8, f. 102	Brown, Richard	1969, undated
b. 8, f. 103	Central computing facilities	1969-1970, undated
b. 8, f. 104-105	Computer Usage Survey Summaries	undated
b. 9, f. 106	Consultants	1969

High Energy Physics Advisory Panel (HEPAP) > Subcommittee on Computer Usage (continued)

b. 9, f. 107	Correspondence	1969-1970, undated
b. 9, f. 108	Curtis, Kent	1969-1970
b. 9, f. 109	Day, Thomas B.	1969
b. 9, f. 110	Fields, Thomas	1969, undated
b. 9, f. 111	Hildebrand, Bernard	1969-1970
b. 9, f. 112	Hulsizer, Robert	1969-1970
b. 9, f. 113	Kerth, Leroy T.	1969
b. 9, f. 114	Leipaner, Lawrence B.	1969
b. 9, f. 115	Leith, David W.	1969
b. 9, f. 116	Meeting minutes	1969, undated
b. 9, f. 117	Miscellaneous material	1969-1971
b. 9, f. 118-121	Miscellaneous material	1970, undated
b. 9, f. 122	Old HEPAP material	1968, undated
b. 9, f. 123	On-line facilities	1968-1969
b. 10, f. 124	Remote usage See also: box 2, folders 27-28	1970
b. 10, f. 125	Report	1970
b. 10, f. 126-127	Report	[1970?]
b. 10, f. 128-129	Report draft	1969-1970
b. 10, f. 130	Report draft	[1970?]
b. 10, f. 131	Report draft	1970, undated
b. 10, f. 132-134	Report draft	undated
b. 10, f. 135	Smith, Charles V. L.	1969
b. 10, f. 136	Special topics	1969, undated
b. 10, f. 137	Surveys	undated
b. 11, f. 138-139	Surveys	undated
b. 11, f. 140	Weiskopf, Victor	1969
b. 11, f. 141	Worksheets	1969
b. 11, f. 142-144	Sub-panel B	1966-1967 August-Dec, 1968 January

High Energy Physics Advisory Panel (HEPAP) (continued)

b. 11, f. 145	Sub-panel B	1968 March-June
b. 11, f. 146-148	Sub-panel B	1968 July-Dec, undated
b. 11, f. 149	Sub-panel B: Brookhaven National Laboratory meeting	1967-1968, undated
b. 11, f. 150	Sub-panel B: Brookhaven National Laboratory meeting report	1968
b. 11, f. 151	Sub-panel B: meeting agenda 1968 Apr 24	1968
b. 11, f. 152	Sub-panel B: meeting minutes 1968 Apr 24	1968
b. 11, f. 153	Sub-panel B: report	1968
b. 11, f. 154	Sub-panel B: survey of spark chamber film analysis	1968 February-June
b. 12, f. 155	Sub-panel B: survey of spark chamber film analysis	1968 June
b. 12, f. 156	Sub-panel B: survey of spark chamber film analysis	1968 July-1969, undated
b. 12, f. 157	International Hybrid Spectrometer Consortium	1980
b. 12, f. 158-161	Preprints and reprints	1974-1979
b. 12, f. 162-163	Preprints and reprints	1981-1982, undated
b. 12, f. 164-165	Proposals	1975-1979, undated
b. 12, f. 166-167	Versus Fermi National Accelerator Laboratory	1977-1979, undated
b. 12, f. 168	Lobbying	[1980?]
b. 13, f. 169	Lucas, Peter	1971-1973, 1979-1982
b. 13, f. 170	Ludlam, Thomas	1970-1978, undated
b. 13, f. 170	National Accelerator Laboratory See also: box 5, folder 63-69	
	National Science Foundation	
b. 13, f. 171	Computer proposal	1961-1962
b. 13, f. 172-173	First year research proposal	1962
b. 13, f. 174	Miscellaneous material	undated
b. 13, f. 175	Program	1965-1966

National Science Foundation (continued)

b. 13, f. 176-177	Second undergraduate research proposal	1962-1966
b. 13, f. 178	Summer Institute	undated
b. 13, f. 179	Third year research proposal	1963
b. 13, f. 180-181	Undergraduate science education program	1963-1965, undated
New York University		
b. 13, f. 182-184	AEC Computing and Applied Mathematics Center	1959-1968
b. 14, f. 185-187	AEC Computing and Applied Mathematics Center	1969-1976
b. 14, f. 188	Nobel Prize	1980
Personal files		
b. 14, f. 189	Certificates, licenses, and passports	1950-1952, 1962-1967, 1978, undated
b. 14, f. 190	Correspondence between H. D. Taft and mother	1938-1942
b. 14, f. 191-193	Correspondence between H. D. Taft and parents	1943-1945, undated
b. 14, f. 194	Correspondence between H. D. Taft and wife	1958, undated
b. 14, f. 195	Correspondence between Horace D. Taft (great uncle) and Mrs. Robert A. Taft (mother)	1930-1939
Correspondence		
b. 14, f. 196	B	
b. 14, f. 197	C	
b. 14, f. 198	D	
b. 14, f. 199	F	
b. 14, f. 200	G	
b. 14, f. 201	H-J	
b. 14, f. 202	K-L	
b. 14, f. 203	M	
b. 15, f. 204	N-P	
b. 15, f. 205	R	
b. 15, f. 206	S	
b. 15, f. 207	T-Z, unidentified	
b. 15, f. 208	Curriculum vitae	undated

Personal files (continued)

b. 15, f. 209-211	Diaries	1964-1983
b. 15, f. 212	Diplomas and certificates	1953-1955, 1971, 1979-1982
b. 15, f. 213	Greeting cards	undated
b. 15, f. 214	Miscellaneous Taft family correspondence	1888, 1889, 1913
Student notebooks		
b. 16, f. 215	Complete running log (YAP)	1959 December-1960 June
b. 16, f. 216	Notes for Physics 201	1952 October- December
b. 16, f. 217	Notes for Physics 202: differential equations	1952 January- March
b. 16, f. 218	Notes for Physics 202	1952 April-June
b. 16, f. 219	Notes for Physics 212: mechanics II	1952 January- March
b. 16, f. 220	Notes for Physics 221: electricity I	1952 March-May
b. 16, f. 221	Notes for Physics 231: experimental physics I	1952 March-May
b. 16, f. 222	Notes for Physics 323: electrodynamics and optics II	1952 January- March
b. 16, f. 223	Notes for Physics 341-2 [?]: quantum mechanics	1952 October- December
b. 16, f. 224	Notes for Physics 341-2: quantum mechanics	1952 January- April
b. 16, f. 225	Notes for Physics 362: nuclear physics	1952 June- August
b. 17, f. 226	Thesis I	undated
b. 17, f. 227	Thesis II	undated
b. 17, f. 228	Thesis III	undated
b. 18, f. 229	Thesis IV	undated
b. 18, f. 230	Thesis V	undated
b. 18, f. 231	Thesis	undated
b. 19, f. 232	Thesis	undated
b. 19, f. 233	Taft School records	1939-1943

b. 19, f. 234-238	Phi Beta Kappa	1980-1983, undated
Physics articles		
b. 19, f. 239-240	"Observation of Hadronic Charm Production in a High Resolution Streamer Chamber Experiment" English	1980
Physics conferences		
b. 20, f. 241	American Physical Society Annual Meeting (New York)	1963
b. 20, f. 242	International Conference on Elementary Particles (Heidelberg)	1967
b. 20, f. 243	International Conference on Elementary Particles (Heidelberg)	1967
b. 20, f. 244	International Conference on Experimental Meson Spectroscopy (New York)	1979-1980
b. 20, f. 245-248	International Conference on High Energy Physics (Dubna)	1964
b. 20, f. 249-250	International Conference on High Energy Physics (Madison, WI)	1980
b. 21, f. 251	International Conference on High Energy Physics (Madison, WI)	1980
b. 21, f. 252-253	International Conference on Instrumentation for High Energy Physics at CERN (Geneva)	1962
b. 21, f. 254	International Conference on Instrumentation for High Energy Physics at Stanford University (Stanford, CA)	1966
b. 21, f. 255	Miscellaneous material	undated
b. 21, f. 256	Topical Conference on Resonant Particles at Ohio University (Athens, OH)	1967
Precision Encoder and Pattern Recognition Device (PEPR)		
b. 21, f. 257	Accounts	1977-1983
b. 21, f. 258-259	Collaboration	1970-1971, undated
Correspondence		
b. 21, f. 260	General	1963-1968, undated
b. 21, f. 261	PDP-6	1965-1968, undated
b. 21, f. 262-263	General	1961-1963, undated
Hardware		
b. 22, f. 264	Automatic tracking precision film reader for bubble chamber photographs: bids	1961

Precision Encoder and Pattern Recognition Device (PEPR) > Hardware (continued)

b. 22, f. 265	Automatic tracking precision film reader for bubble chamber photographs: bids	1961, 1965
b. 22, f. 266	Calibration grid	undated
b. 22, f. 267	Controller	undated
b. 22, f. 268	Controller: bids	1965
b. 22, f. 269	Diquads	undated
b. 22, f. 270	Equipment	1964-1969, undated
b. 22, f. 271	Film drives	1963
b. 22, f. 272-274	Film drives	1965-1969, undated
b. 22, f. 275-276	Magnetic tape units	1965-1966, undated
b. 22, f. 277-278	Miscellaneous documents	1960-1966, 1970, undated
b. 23, f. 279	PDP-1	1963
b. 23, f. 280	PDP-1 I/O BUS	1964
b. 23, f. 281	Reversed film development	1968-1969, undated
b. 23, f. 282	Leptonic [Assgns?]	1966, undated
b. 23, f. 283-285	Massachusetts Institute of Technology	1962-1963, undated, 1966
Proposal		
b. 23, f. 286-287	"The Development and Construction of a Seven-Inch PEPR System at Yale University" English	1963, undated
b. 23, f. 288	"The Development of High-Precision Cathode Ray Tube Techniques" English	1963, undated
b. 23, f. 289-290	"A Digital Computer System for On-line Operation of PEPR" English	1964-1965
b. 23, f. 291	"A Digital Computer System for On-line Operation of PEPR" English	1965
b. 23, f. 292	"Incorporating a PDP-1 Computer into a Bubble Chamber Photograph Processing System"	1963, undated
b. 23, f. 293	University of Illinois	1965

Proposals

Proposals (continued)

b. 24, f. 294	"To Study the Properties of Heavy Quark Production and Decay Using a High Resolution Streamer Chamber" English See also: box 5, folder 63-69 See also: box 8, folder 92 See also: box 8, folder 94	1980, 1981 January-Mar, 1981 May, 1981 August-1982, undated
b. 24, f. 298	Ratti, Sergio	1978-1980
b. 24, f. 299	Review of proposals, articles, books, etc.	1960-1982
b. 24, f. 300	Sigma Xi	1983
b. 24, f. 301	Souder, Paul	[1982?]
Taft School		
b. 24, f. 302	Correspondence	1953-1959
b. 24, f. 303-306	Correspondence, reports, and miscellaneous material	1960-1962
b. 24, f. 307	Correspondence, reports, and miscellaneous material	1964-1965
b. 25, f. 308	Board of Trustees meeting minutes	1966
b. 25, f. 309	Correspondence	1966
b. 25, f. 310-311	Reports and miscellaneous material	1966
b. 25, f. 312-313	Board of Trustees meeting minutes	1967
b. 25, f. 314	Correspondence	1967
b. 25, f. 315	Reports and miscellaneous material	1967
b. 25, f. 316	Board of Trustees meeting minutes	1968
b. 25, f. 317	Correspondence	1968
b. 25, f. 318	Reports and miscellaneous material	1968
b. 25, f. 319	Board of Trustees meeting minutes	1969
b. 26, f. 320	Correspondence	1969
b. 26, f. 321	Reports and miscellaneous material	1969
b. 26, f. 322	Board of Trustees meeting minutes	1970
b. 26, f. 323	Correspondence	1970
b. 26, f. 324	Reports and miscellaneous material	1970
b. 26, f. 325	Board of Trustees meeting minutes	1971
b. 26, f. 326	Correspondence	1971
b. 26, f. 327-328	Reports and miscellaneous material	1971
b. 27, f. 329	Search Committee to replace John Esty as Headmaster of the Taft School	1971-1972, undated

Taft School (continued)

b. 27, f. 330	Board of Trustees meeting minutes	1972
b. 27, f. 331	Correspondence	1972
b. 27, f. 332	Reports and miscellaneous material	1972
b. 27, f. 333	30th Reunion, May 1973	1972-1973
b. 27, f. 334	Board of Trustees meeting minutes	1973
b. 27, f. 335	Correspondence	1973
b. 27, f. 336	Reports and miscellaneous material	1973
b. 28, f. 337	Board of Trustees meeting minutes	1974
b. 28, f. 338	Correspondence	1974
b. 28, f. 339	Reports and miscellaneous material	1974
b. 28, f. 340-341	Board of Trustees meeting minutes	1975 January-December
b. 28, f. 342	Correspondence	1975
b. 29, f. 343-344	Reports and miscellaneous material	1975 January-December
b. 29, f. 345	Taft Trustee Nominating Committee	1975-1976, undated
b. 29, f. 346-347	Board of Trustees meeting minutes	1976 Jan, 1976 April-October
b. 29, f. 348-349	Correspondence	1976 January-December
b. 29, f. 350	Reports and miscellaneous material	1976
b. 29, f. 351	Board of Trustees meeting minutes	1977 January-May
b. 30, f. 352	Board of Trustees meeting minutes	1977 August-December
b. 30, f. 353	Correspondence	1977
b. 30, f. 354	Reports and miscellaneous material	1977
b. 30, f. 355-356	Board of Trustees meeting minutes	1978 January-Feb, 1978 May-September
b. 30, f. 357	Correspondence	1978
b. 30, f. 358	Reports and miscellaneous material	1978

Taft School (continued)

b. 30, f. 359-360	Board of Trustees meeting minutes	1979 February– May, 1979 October– December
b. 31, f. 361	Correspondence	1979
b. 31, f. 362-363	Reports and miscellaneous material	1979 February– Jun, 1979 September– December
b. 31, f. 364-365	Board of Trustees meeting minutes	1980 January– May, 1980 August– December
b. 31, f. 366	Correspondence	1980
b. 31, f. 367	Reports and miscellaneous material	1980
b. 31, f. 368	Correspondence and miscellaneous material	1981-1983, undated

United States

Department of Energy

Program budget

b. 31, f. 369	FY 1977	1976
b. 31, f. 370	FY 1978	1977
b. 31, f. 371	FY 1979	1978
b. 31, f. 372	FY 1980	1979
b. 32, f. 373-374	FY 1980	1977-1978, 1980
b. 32, f. 375	FY 1980	1980
b. 32, f. 376	FY 1981	1980
b. 32, f. 377-378	FY 1982	1981-1982
b. 32, f. 379-381	FY 1983	1981-1983
b. 32, f. 382	Review	1982, undated
b. 32, f. 383	Universities Research Association	1972-1976, 1981-1982
b. 32, f. 384	University of Chicago	1979-1983

Writings

Preprints and reprints

Writings > Preprints and reprints (continued)

b. 32, f. 385	1956-1958	1956-1958
b. 32, f. 386	1960-1962	1960-1962
b. 33, f. 387-391	1963-1976	1963-1976
b. 33, f. 392	1978 English	1978
b. 33, f. 393-396	1979-1982	1979-1982
b. 33, f. 397	undated	undated
b. 34, f. 398-400	undated	undated
Speeches		
b. 34, f. 401-405	Freshmen addresses: Yale College	1968-1978, undated
b. 34, f. 406-407	Miscellaneous	1967-1973, undated, 1975- 1979
b. 35, f. 408-409	Miscellaneous	undated
b. 35, f. 410	Taft School commencement address	1980
Yale files		
b. 35, f. 411	Admissions Committee	1963-1966
b. 35, f. 412	Alumni	1962-1965
b. 35, f. 413	American Association of University Professors	1964
b. 35, f. 414	Appointment and salary letters	1958-1983
b. 35, f. 415	Board of Permanent Officers of Yale College	1982
b. 35, f. 416	Brewster, Kingman	1975, 1980
b. 35, f. 417	Collaborative research	1982
b. 35, f. 418-420	Committee on Academic Computing	1981-1982 Apr, 1982 May-Oct, 1982 November- 1983, undated
b. 35, f. 421	Committee on Energy Conservation	1978
b. 36, f. 422-430	Committee on Energy Conservation	1979-1982, undated
b. 36, f. 431	Committee on Teaching and Learning	1982
b. 36, f. 432-434	Course of Study Committee	1961-1963
b. 37, f. 435	Course of Study Committee	1964-1966

Yale files (continued)

b. 37, f. 436	Davenport College	1981
b. 37, f. 437-439	Davenport College: correspondence	1966-1970 May, 1970 June-1971, undated
b. 37, f. 440	Davenport College: letters of congratulation	1966
b. 37, f. 441-442	Dean of Yale College: letters of congratulation	1971
b. 37, f. 443-444	Education of women	1980-1981, undated
b. 37, f. 445	Executive Committee	1957-1958
b. 37, f. 446-449	Faculty meetings	1962-1965
b. 38, f. 450-460	Faculty meetings	1965-1972, 1976
b. 38, f. 461-463	Freshman advisor	1958, 1964-1965, 1980-1981
b. 39, f. 464	Freshman advisor	1981-1982
b. 39, f. 465	German Exchange Fellowship Committee	1963-1964
b. 39, f. 466	Graduate School	1980-1982
b. 39, f. 467	Grants and contracts	1979-1982
b. 39, f. 468	Joint meetings of the Boards of Permanent Officers of Yale College and Graduate School	1965-1966, 1980-1981
b. 39, f. 469-470	Junior faculty search	1977-1978, undated
b. 39, f. 471-473	Letters of recommendation	1977-1982, undated
b. 39, f. 474	Mathematics curriculum	1961-1964, undated
b. 39, f. 475	Miscellaneous material	1952-1959, 1966, 1972, undated
b. 39, f. 476	National Science Foundation	1962-1963
b. 39, f. 477	Physics Department	1963-1967, 1972-1982
b. 39, f. 478-479	Provost, Office of	1980, 1982
b. 40, f. 480	Reserve Officers Training Corps	1969-1970, undated
b. 40, f. 481	Sarai Ribicoff Award	undated
b. 40, f. 482-483	Senior faculty search	1982-1983

Yale files (continued)

b. 40, f. 484	Sophomore advisor	1981
b. 40, f. 485	Summer programs	1982
b. 40, f. 486-493	Tenure faculty meetings	1963-1965 Nov, 1965 December- 1966, 1977-1982, undated
b. 41, f. 494-501	Tobin Committee. Ad Hoc Committee on Faculty Appointments	1965, 1976-1980 September- Dec, 1981-1982, undated
b. 41, f. 502	Yale Accelerator Users Group: budget	1976-1978
b. 42, f. 503	Yale Accelerator Users Group: budget	1979, undated
b. 42, f. 504	Yale Accelerator Users Group: personnel	1980-1982, undated
Yale College		
b. 42, f. 505-506	Dean's Office	1977-1980 Aug, 1980 September- 1982, undated
b. 42, f. 507-508	Faculty meetings	1979-1982
b. 42, f. 509	Teaching evaluation form	1982
Correspondence		
b. 42, f. 510-515	1952-1957	1952-1957
b. 43, f. 516-529	1958-1968	1958-1968
b. 44, f. 530-543	1968-1977	1968-1977
b. 45, f. 544-550	1978-1983, undated	1978-1983, undated

Series II: Teaching Files, 1941-1982

3.75' (9 boxes)

This series contains alphabetically arranged teaching files.

b. 46, f. 1-2	Early concentration physics	1970-1971
b. 46, f. 3	Fermi: quantum mechanics notes	1954
b. 46, f. 4	Graduate courses	1968
b. 46, f. 5	Graduate student data	1966-1968
b. 46, f. 6	Graduate student records	1963-1964, undated
b. 46, f. 7	Graduate students	1981-1982
b. 46, f. 8	HEP graduate students	1962-1963
b. 46, f. 9-12	Miscellaneous	1953, undated, 1954-1961-1962, undated, 1962, undated, 1968- 1969, undated
b. 47, f. 13-16	Miscellaneous	1976, undated, 1981, undated, 1965, 1982, undated
b. 47, f. 17-18	Physics 14: class lists, exams, etc.	1963, 1965
b. 47, f. 19	Physics 14: exams, etc.	1965-1971
b. 47, f. 20	Physics 14a	1964
b. 47, f. 21	Physics 14b: lecture notes	1966
b. 47, f. 22	Physics 15b and 14a	1964
b. 48, f. 23	Physics 15b	1964
b. 48, f. 24	Physics 22: Davenport seminar	1952-1963
b. 48, f. 25-26	Physics 22	1962-1963
b. 48, f. 27	Physics 24: class lists, schedules, and exams	1964-1965
b. 48, f. 28	Physics 24a: problems and exams	1964, undated
b. 48, f. 29	Physics 24b: problems	1964-1965
b. 48, f. 30	Physics 24b: lectures	1964-1965
b. 48, f. 31	Physics 25	1964
b. 48, f. 32	Physics 34b	1961

b. 48, f. 33	Physics 34b	1961
b. 49, f. 34-39	Physics 37b	undated
b. 49, f. 40	Physics 37b: problems	1957-1962
b. 50, f. 41	Physics 50	1965
b. 50, f. 42	Physics 106	1953
b. 50, f. 43-48	Physics 127a	1963-1965, 1968
b. 50, f. 49	Physics 127b	1964
b. 51, f. 50	Physics 127b	undated
b. 51, f. 51-53	Physics 146: problems and exams	1966
b. 51, f. 54	Physics 150a	1981
b. 51, f. 55	Physics 180a	1981
b. 51, f. 56-57	Physics 180a: exams	1979-1980
b. 51, f. 58-59	Physics 180a: lecture notes	1981-1982
b. 51, f. 60	Physics 180a: problems	1980
b. 52, f. 61-62	Physics 180a: problems	1981-1982
b. 52, f. 63-64	Physics 180: problems and exams	1981-1982
b. 52, f. 65	Physics 180a: review lectures	undated
b. 52, f. 66	Physics 180: section	undated
b. 52, f. 67	Physics 181b	1982
b. 52, f. 68-69	Physics 181b: exams	1981-1982
b. 52, f. 70	Physics 181b: exams and enrollment	1980
b. 52, f. 71-73	Physics 181b: lecture notes	1981-1982
b. 53, f. 74-75	Physics 181b: lectures	1981-1982
b. 53, f. 76-77	Physics 181b: problems	1981
b. 53, f. 78	Physics 181b: problems and exams	1980-1982
b. 53, f. 79	Physics 181b: section	1981
b. 53, f. 80	Physics 181b: syllabi, etc.	1981
b. 53, f. 81	Physics 200a	1981
b. 53, f. 82	Physics 201b	1981
b. 53, f. 83	Physics 211	undated

b. 53, f. 84	Physics comprehensive exam	1966
b. 53, f. 85-86	Physics curriculum	1968, 1981
b. 54, f. 87-88	Physics departmental examinations	1941-1968, 1964-1969
b. 54, f. 89-90	Physics labs	undated
b. 54, f. 91	Physics majors	1963-1964
b. 54, f. 92-93	Thesis proposals	1968, undated
b. 54, f. 94	"The Tippy Top" English	1952-1953, 1967, undated

Series III: Physics Files, 1947-1983

12.25' (31 boxes)

This series contains physics project files arranged as they were received from Taft's office.

	Vertex routines	
b. 55, f. 1-2	Notes	1978, undated
b. 55, f. 3	HDVERT	undated
b. 55, f. 5	Line and vertex fitting	undated
b. 55, f. 5	YVERT	1969, 1975, undated
b. 55, f. 6	SVERT and VERTEX	1966-1967, undated
b. 55, f. 7-9	Spark chamber experiment	1976-1979, undated
	Hyperon beam	
b. 55, f. 10-11	Miscellaneous material	1978-1982, undated
b. 55, f. 12	Leptonic decays of hyperons	1969, 1981
b. 55, f. 13	Internal π^+ beam: Rosenfeld	1953
b. 55, f. 14	Σ analysis	1961, undated
b. 56, f. 15	K- meson	1957-1958, undated
b. 56, f. 16	Alvarez group	1958-1960
b. 56, f. 17	Miscellaneous material	undated
b. 56, f. 18	YAP2 flow charts	1965, undated
b. 56, f. 19	YAP flow charts	1964, undated
b. 56, f. 20	YAPR calculations	undated
b. 56, f. 21-22	GUTS	1959-1962, 1967, undated
b. 56, f. 23	GUTS flow charts	1962-1964, undated
b. 56, f. 24	Yale-PDP1: floating point package	1963
b. 56, f. 25	Count	undated
b. 57, f. 26	p_4 Σ	undated

b. 57, f. 27	Fermi National Accelerator Laboratory 1979 Dec 10: E-400 prop. neutral beam data	1975-1979, undated
b. 57, f. 28	Relativistic decay kinematics	undated
b. 57, f. 29	Toroidal magnets	undated
b. 57, f. 30	Drawing of proton-east	1977
b. 57, f. 31	Relativistic transformation	1951, undated
b. 57, f. 32-33	Miscellaneous material	1976-1980, undated, 1979
b. 57, f. 34	YACK flow charts	undated
b. 57, f. 35	Beam 1 calculations	undated
b. 57, f. 36	SHUNT	1967, undated
b. 57, f. 37	PANG	1959
b. 57, f. 38	Willis' K2 events	undated
b. 57, f. 39-40	Equipment: microscopes	1953-1957, undated
b. 57, f. 41	Talk at O.B.	undated
b. 57, f. 42	Analysis data: 3.3 Bev/6p experiment	1961, undated
b. 57, f. 43	p experiment	1961
b. 58, f. 44	p experiment	1961
b. 58, f. 45	Department of Energy contract	1978-1982
b. 58, f. 46	Zeller and Cooper	1982
b. 58, f. 47	LeCroy Research Systems Corporation	1982
b. 58, f. 48	LeCroy Research Systems Corporation [CAMAC electronics?]	undated
b. 58, f. 49	Stream chamber optical constants	1981
b. 58, f. 50	Circular A-21	1982
b. 58, f. 51	Polynomial FIT	1981
b. 58, f. 52-53	Experiment 630	1980-1982
b. 58, f. 54	Fastbus	1979-1982
b. 58, f. 55	E 360	1981-1982
b. 58, f. 56-57	PDPI	1961-1963, undated
b. 58, f. 58	CORE storage	undated

b. 58, f. 59	CELL + AHR	undated
b. 58, f. 60	Fortran CAL: routines	1965, undated
b. 58, f. 61	TFLGUP	1965-1967
b. 58, f. 62	PRPE	1973, undated
b. 59, f. 63	Miscellaneous material	1973, undated
b. 59, f. 64	KMVET	undated
b. 59, f. 65	Miscellaneous material	undated
b. 59, f. 66	TVGP-YACK operating instructions	undated
b. 59, f. 67	PEPR machine language	undated
b. 59, f. 68	o-w display	1970, undated
b. 59, f. 69	FACONT	undated
b. 59, f. 70	GAINS, DTPROS, etc.	1970, undated
b. 59, f. 71	WIND (for TVGP)	1968, undated
b. 59, f. 72	Fortran film	1966, undated
b. 59, f. 73	Fiducial coordinates	1967, undated
b. 59, f. 74	FOCUS set-up routines	undated
b. 59, f. 75	Miscellaneous material	1967
b. 59, f. 76	KMTAV	1966
b. 59, f. 77	Parameters	undated
b. 59, f. 78	CLOOK F4 and MACRO	undated
b. 59, f. 79	AREASC	1965, undated
b. 59, f. 80	K- bookkeeping	1967, undated
b. 59, f. 81	MOPE	undated
b. 59, f. 82	TUPRT and TUCAL	undated
b. 59, f. 83	SUB-LIB	undated
b. 59, f. 84	MLIBS	1968, undated
b. 59, f. 85	MLIBS	undated
b. 59, f. 86	Miscellaneous material	1963, undated
b. 60, f. 87	Alvarez programming group	1965
b. 60, f. 88	709 utility programs	undated

b. 60, f. 89	6600 tape conversion	undated
b. 60, f. 90	Duplicate PDP-1 program write-ups	1962
b. 60, f. 91	Joe Lach paper to magnetic tape	1968, undated
b. 60, f. 92	PDP-1: systems-level software	1963
b. 60, f. 93	PDP-1: core 2	undated
b. 60, f. 94	SAW	undated
b. 60, f. 95	RING	1969, undated
b. 60, f. 96	Rtp	undated
b. 60, f. 97	Bookkeeping system	1965
b. 60, f. 98	PDP-10 graphics routines	undated
b. 60, f. 99	Telescope problem	1979, undated
b. 60, f. 100	ION	1968, undated
b. 60, f. 101	Cluster analysis	1974
b. 60, f. 102	Stanford Linear Accelerator Center and Bevatron	1965-1971, 1976
b. 60, f. 103	Miscellaneous material	1968-1969, undated
b. 61, f. 104	Miscellaneous material	undated
b. 61, f. 105-106	Yale High Energy Accelerator	1962-1963
b. 61, f. 107	Streamer chamber	1970, undated
b. 61, f. 108	"40-Inch Hydrogen Bubble Chamber Conversion to 70 Kilogauss Superconducting Magnet": proposal III English	1969
b. 61, f. 109	Lawrence Radiation Laboratory	1969
b. 61, f. 110-111	High field chamber	1969, undated
b. 61, f. 112	"40-Inch Hydrogen Bubble Chamber Conversion to 7.0-Tesla Superconducting Magnet": proposal II English	1969
b. 61, f. 113	K ₂ - P proposal	1969-1970
b. 62, f. 114-117	Chew and Regge theory	1966, 1969-1970
b. 62, f. 118	High energy collision studies	1968-1970
b. 62, f. 119	13 Gev/c K-P event rates and physics programs	1969
b. 62, f. 120	DD production calculation	1975-1976

b. 62, f. 121	"Probing the New Particles with Hadron Beams": Francis Halzen English	1976
b. 62, f. 122	D mesons	1977
b. 62, f. 123	337-363	1979, undated
b. 62, f. 124	346-409	1979, undated
b. 62, f. 125	339-1424	1979, undated
b. 62, f. 126	Candidates	1978
b. 62, f. 127	"Proposal to Search for Direct Evidence of Charm in Hadronic Interactions Using a High Resolution Bubble Chamber" English	1978
b. 62, f. 128	Nucleon decay experiment: L. Sulak	1979, undated
b. 62, f. 129	Charm search, systematics, [kinematics?], etc.	1974
b. 63, f. 130	Charm search, systematics, [kinematics?], etc.	1975
b. 63, f. 131	Pais and Trieman	1977, undated
b. 63, f. 132	B particle II and III	1978-1981, undated
b. 63, f. 133	Quality Monitor Committee and Certification	1976-1978
b. 63, f. 134	Scanning and pre-dig.	1972, 1981-1982
b. 63, f. 135	PDP-10 system	1979-1981
	Precision film reader	
b. 63, f. 136	Gilliland-NR	1959-1960
b. 63, f. 137	Hydel	1960
b. 63, f. 138	Franckenstein machine	1958-1960
b. 63, f. 139	Gilliland-NRI	1959-1960
b. 63, f. 140	Copy of contract between Duke University and Gilliland-NRI for manufacture of Franckenstein Measuring Projector I	1958
b. 63, f. 141	Bubble chamber film re-projector	1961
b. 63, f. 142-144	Miscellaneous material	1958-1963, undated
b. 63, f. 145	LCSAP	1958
b. 63, f. 146	MAXimization program	undated
b. 64, f. 147-149	Program write-ups	1963-1964, undated

b. 64, f. 150	Event type flow charts	1961, undated
b. 64, f. 151	PAY (Willis)	undated
b. 64, f. 152	Notes on YAP	undated
b. 64, f. 153-154	PAY-PDP 1	1960-1965, undated
b. 64, f. 155	PAY for Willis	1966
b. 64, f. 156-158	YAP	undated
b. 65, f. 159	LEPTON and ALEPT	1969, undated
b. 65, f. 160	New TUSER	1966, undated
b. 65, f. 161	LUSER	undated
b. 65, f. 162	AUSER, etc.	1969, undated
b. 65, f. 163	Gossel's controller test program	undated
b. 65, f. 164	PNOISE	1966, undated
b. 65, f. 165	PDP 6 test programs	1966, undated
b. 65, f. 166	Fortran functions	undated
b. 65, f. 167	Magnetic tape supply	undated
b. 65, f. 168	PEPR programming notes by J.N. Snyder	1965
b. 65, f. 169	GHIST (Σ -)	1968, undated
b. 65, f. 170	PDP 6 schedule	1968
b. 65, f. 171-172	Massachusetts Institute of Technology PEPR program	1965
b. 65, f. 173	TUSER	1968, undated
b. 66, f. 174	DTSCAN	1966, undated
b. 66, f. 175	Matrix inversion resid. plot	1965-1968, undated
b. 66, f. 176	MIT routines	1966, undated
b. 66, f. 177	HTMCH	1967, undated
b. 66, f. 178	Display manuals routines	undated
b. 66, f. 179-180	Old flow charts	1963-1964, undated
b. 66, f. 181	PUNCH	1977
b. 66, f. 182	Old SPIT, CA/P/T	1968-1971, undated

b. 66, f. 183	370 plot routines	1972-1975, undated
b. 66, f. 184	S' plot	1970-1973, undated
b. 66, f. 185	Displays	1966, undated
b. 66, f. 186	SSC Monte Carlo	1978, undated
b. 66, f. 187	CFAKE	1976, undated
	Film advance	
b. 66, f. 188	Print format	undated
b. 66, f. 189	Logic	undated
b. 66, f. 190	Banks	undated
b. 66, f. 191	Deuterium	1959, undated
b. 66, f. 192	Cascade experiment	undated
b. 66, f. 193	GUTS	undated
b. 66, f. 194	Calling sequences	undated
b. 66, f. 195	15 track	undated
b. 67, f. 196	Miscellaneous material	1958, undated
b. 67, f. 197-200	Thesis proposals	1958-1966, undated
b. 67, f. 201	TV scan	undated
b. 67, f. 202	SDECAY	1967
b. 67, f. 203	SIGMI. SHUNT. (4x4)	1967-1968
b. 67, f. 204	HISTDB	1968, undated
b. 67, f. 205	WINDUP	undated
b. 67, f. 206	Miscellaneous material	1969-1974, undated
b. 67, f. 207	Roll 754 frames	undated
b. 67, f. 208-210	Miscellaneous material	1947, 1956-1958, 1968-1969, 1971- 1972, undated
b. 68, f. 211	Miscellaneous material	undated
b. 68, f. 212	Summer PEPR help	1968
b. 68, f. 213	GHIST	undated

b. 68, f. 214	YUPP	1960,
b. 68, f. 215	TFLGMT	1965-1966, undated
b. 68, f. 216	DIRCHK	undated
b. 68, f. 217	OPENUP (I, J)	1967, undated
b. 68, f. 218	OPENUP	undated
b. 68, f. 219	SAME TK	undated
b. 68, f. 220	FAKIN J	undated
b. 68, f. 221	ADDINJ	undated
b. 68, f. 222	GROUPE	1967, undated
b. 68, f. 223	New RDCRD	1967
b. 68, f. 224	Peter's KMTAU and EVSRCH	1967
b. 68, f. 225	FOLLOW	1967
b. 68, f. 226	AJOIN	1966, undated
b. 68, f. 227	TKDUMP	undated
b. 68, f. 228	Operational YUPP	1967, undated
b. 68, f. 229	FOLLOW	1966-1967, undated
b. 68, f. 230	CUTTRK	1966-1967, undated
b. 68, f. 231	GROUPE	undated
b. 68, f. 232	DBSCAN	undated
b. 68, f. 233	EVIEV	undated
b. 68, f. 234	LONG TK	1967, undated
b. 68, f. 235	Various time and date routines	1967, undated
b. 68, f. 236	END PNT	1966
b. 68, f. 237	KMVEE	1966
b. 68, f. 238	Help	undated
b. 68, f. 239	ORPICK and VEPRM	1966, undated
b. 68, f. 240	TSIGN	1967
b. 68, f. 241	TWO CIR	undated
b. 68, f. 242	Alvarez group	1966

b. 69, f. 243	KINKCT (Dixon's)	1967
b. 69, f. 244	ADDINJ	1967
b. 69, f. 245	SAMETK	1967
b. 69, f. 246	FAKINJ	1967
b. 69, f. 247	Miscellaneous material	1966-1967, undated
b. 69, f. 248	GROUPE	1967, undated
b. 69, f. 249	Miscellaneous material	1968
b. 69, f. 250	Σ -FY 1968-1969 report	1968-1969, undated
b. 69, f. 251	GHIST Σ - (Dixon's)	1968, undated
b. 69, f. 252-254	Miscellaneous material	1975-1980, undated
b. 70, f. 255	Physics courses	1966-1967, undated
b. 70, f. 256	MAX	undated
b. 70, f. 257	Brower stage	1958, undated
b. 70, f. 258	DEC tapes and FF directories	1966-1967, undated
b. 70, f. 259	TFCTPR	undated
b. 70, f. 260	PEPR flow charts	1963-1964, undated
b. 70, f. 261	CFCAL	undated
b. 70, f. 262	PEPR banks	1966, undated
b. 70, f. 263	GAP distribution	undated
b. 70, f. 264	TV scan	1970, undated
b. 70, f. 265	SLAC-PEPR track	1969, undated
b. 70, f. 266	TFPRIP-TFPR2P	undated
b. 70, f. 267	TFLLUP	1965-1966, undated
b. 70, f. 268	TFPRED	1965-1967
b. 70, f. 269	TFPRTK	1965-1967, undated

b. 71, f. 270	TPPRH-ionization	1968, 1973, undated
b. 71, f. 271	HT TUGP flow charts	1968, undated
b. 71, f. 272	Fortran ELREC	1965, undated
b. 71, f. 273	ELREC	1968, undated
b. 71, f. 274	WCAL	1975, undated
b. 71, f. 275	HIST	1966, undated
b. 71, f. 276	ZCHIST	1969
b. 71, f. 277-278	ANGCAL	1967, undated
b. 71, f. 279-280	THIST	1968, undated
b. 71, f. 281	PEPR operating instructions	1970
b. 71, f. 282	PRED	1965, undated
b. 71, f. 283	Fortran PEPR	1964, undated
b. 71, f. 284	CALEL	undated
b. 71, f. 285	Fortran Boxout	1965, undated
b. 72, f. 286	GETSET	undated
b. 72, f. 287	CPCAL	undated
b. 72, f. 288	New ELREC	1968, undated
b. 72, f. 289	Displays	undated
b. 72, f. 290	Miscellaneous material	undated
b. 72, f. 291	DACAL	1966, undated
b. 72, f. 292	Output format. PDP 1	undated
b. 72, f. 293-294	VEE program	1964-1965, undated
b. 72, f. 295	SIGFIT	undated
	K_2 -d experiment	
b. 72, f. 296	Deuterium	1965-1969, undated
b. 72, f. 297	FLUX + 6	1969, undated
b. 72, f. 298	* K mass [difference?]	1962-1971, undated
b. 72, f. 299	K_1 regeneration	undated

K₂-d experiment (continued)

b. 73, f. 300	K_L^0 interactions from 1 to 10 GeV/c	1976
b. 73, f. 301	K_2^0 experiment	1964-1965, undated
b. 73, f. 302	K_2 experiment	1964-1965, undated
b. 73, f. 303	K_2 experiment	1965, undated
b. 73, f. 304-305	K_2 field	1968-1970, undated
b. 73, f. 306	K_2 hardware	1969-1970, undated
b. 73, f. 307	K_2 Monte Carlo	undated
b. 73, f. 308-309	K_2 theory	1959-1970, undated
b. 74, f. 310	K_2 -d proposal	undated
b. 74, f. 311	K_2 -d: Run	1970-1971, undated
b. 74, f. 312	Miscellaneous	1964-1968, undated
b. 74, f. 313-314	Proposal	1967-1970, undated
b. 74, f. 315	Short lifetime physics collaboration	1981, undated
b. 74, f. 316	Stanford Linear Accelerator Center presentation	1970, undated
b. 74, f. 317	Stanford Linear Accelerator Center proposal	1969-1970, undated
b. 74, f. 318	Transparencies	undated
b. 74, f. 319	Graphs	1953
b. 74, f. 320	Hydro II and Cloudy III	1957-1959
b. 74, f. 321	Insulation	1956-1957, undated
b. 75, f. 322	Miscellaneous material	1956-1958, undated
b. 75, f. 323	K- planarization	undated
b. 75, f. 324	K-	1959, undated

b. 75, f. 325	+ Σ production (I spin)	undated
b. 75, f. 326	Meson production at high energies	undated
b. 75, f. 327	Kinematics and spectra	undated
b. 75, f. 328	Kinematics	undated
b. 75, f. 329	Multiple scattering	undated
b. 75, f. 330	Stat model and I spin	undated
b. 75, f. 331	K- production	undated
b. 75, f. 332	2D K- stack	1957
b. 75, f. 333	I spin	undated
b. 75, f. 334	Measurement of field	undated
b. 75, f. 335	Meetings	undated
b. 75, f. 336	Midwestern Universities Research Association: FFAG	1952-1954
b. 75, f. 337	Pencil beam	1956, undated
b. 75, f. 338	π^+ beams	undated
b. 75, f. 339	Pion scattering data	1951-1954, undated
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b. 76, f. 351	Bubbles	undated
b. 76, f. 352	Comparison of the Results Obtained by Direct Solution and Schrödinger Perturbation Methods for the Quantum-Mechanical Problem of a Particle in Two Adjacent Potential Minima	undated
b. 76, f. 353-355	Miscellaneous material	Undated, 1982-1983

b. 76, f. 356	PDP 10 system	undated
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b. 76, f. 358	DOE presentation	1981-1982, undated
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	Imported programs	
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b. 78, f. 373	Optical parameters	1963
	Magnetic Field	
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b. 78, f. 375	80" B field	1964, undated
b. 78, f. 376	Miscellaneous material	1957, 1964-1970
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b. 78, f. 379	Notes: pp. 23-141	undated
b. 78, f. 380	Lectures: pp. 1-91	1965
b. 78, f. 381	Lectures: pp. 92-141	1965
b. 78, f. 382	Physics 127a: notes	[1966?]
b. 78, f. 383	Kinematics	undated

b. 78, f. 384	Scattering theory	undated
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b. 78, f. 386	Dalitz: Brookhaven National Laboratory	1961, undated
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b. 79, f. 396	Bubble chambers	undated
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b. 80, f. 413	Alvarez group: orbit system	1960

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Selected Search Terms

The following terms have been used to index the description of this collection in the Library's online catalog. They are grouped by name of person or organization, by subject or location, and by occupation and listed alphabetically therein.

Subjects

Particles (Nuclear physics)

Occupations

Physicists

Names

Taft, Horace Dwight, 1925-1983

Taft, Robert, Jr., 1917-1993

Corporate Bodies

Taft School

Yale University. Physics Department

Yale University -- Faculty

Yale University -- Officials and employees