
Guide to the Papers of Richard Phillips Feynman, 1933-1988

Processed by Charlotte E. Erwin, Carol Finerman, and David A Valone.

Archives

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Descriptive Summary

Title: Richard Phillips Feynman papers,

Date (inclusive): 1933-1988

Collection number: Consult repository

Creator: Feynman, Richard Phillips, 1918-1988

Extent: 39 linear feet

Repository: California Institute of Technology. Archives.

Pasadena, California 91125

Abstract: This collection documents the career of Nobel Prize winner Richard Phillips Feynman (1918-1988). It contains correspondence, biographical materials, course and lecture notes, speeches, manuscripts, publications, and technical notes relating to his work in quantum electrodynamics. Feynman served as Richard Chace Tolman Professor of Theoretical Physics at the California Institute of Technology from 1951 until his death.

Language: English.

Access

The collection is open for research. Researchers must apply in writing for access.

Publication Rights

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Preferred Citation

[Identification of item, box and file number], Papers of Richard Phillips Feynman. Archives, California Institute of Technology.

Acquisition Information

The Papers were gifted to Caltech by Richard Feynman and Gweneth Feynman in two main installments, beginning in 1968. The first group of papers, now boxes 1-20 of the collection, was donated by Feynman himself in 1968 and added to from time to time during his lifetime. It contains materials dating from circa 1933 to 1970. The second group, comprising just under three-fourths of the whole collection, occupies boxes 21-90. It was given to Caltech by Feynman's widow Gweneth early in 1989. Group 2 contains papers primarily from the 1970s and 1980s, although some older material is present. Supplements since 1994 occupy three boxes and have come from various donors outside the Feynman family.

Processing History

This collection was processed by Charlotte E. Erwin, Carol Finerman, and David A. Valone and completed on July 1, 1993. The finding aid was updated in September 2002.

Biography

Physicist Richard Feynman won his scientific renown through the development of quantum electrodynamics, or QED, a theory describing the interaction of particles and atoms in radiation fields. As a part of this work he invented what came to be known as "Feynman Diagrams," visual representations of space-time particle interactions. For this work he was awarded the Nobel Prize in physics, together with J. Schwinger and S. I. Tomonaga, in 1965. Later in his life Feynman became a prominent public figure through his association with the investigation of the space shuttle Challenger explosion and the publication of two best-selling books of personal recollections.

Feynman was born in the borough of Queens in New York City on May 11, 1918. He grew up and attended high school in Far Rockaway, New York. In 1939, he received his BS degree in physics from the Massachusetts Institute of Technology. He then attended Princeton University as a Proctor Fellow from 1940 to 1942, where he began his investigation of quantum electrodynamics under the supervision of J. A. Wheeler. He was awarded his PhD in 1942 for his thesis on the least action principle.

While still at Princeton, Feynman was recruited for the atomic bomb project. He was transferred to Los Alamos in 1942, where he headed a team undertaking complicated calculations using very primitive computers. While at Los Alamos, Feynman became good friends with Hans Bethe, who at the end of the war secured a position for Feynman as an associate professor of physics at Cornell. Feynman remained at Cornell from 1945 to 1951. During this time he formalized his theory of quantum electrodynamics and began to publish his results. He also participated in the Shelter Island Conference of 1947, which helped to determine the course of American physics in the atomic age. At this conference he introduced his theory of QED to the leading American physicists.

In 1951, Feynman accepted an offer to become the Richard Chace Tolman Professor of Theoretical Physics at the California Institute of Technology, a position he filled until his death. While at Caltech Feynman continued his work at the leading edge of theoretical physics, making important contributions to the study of liquid helium, particle physics, and later quantum chromodynamics. He also began his distinguished career as a teacher and lecturer. In 1961 and 1962 he delivered to Caltech's freshmen the introductory lectures that were later published as *The Feynman Lectures on Physics*.

In 1986, Feynman was asked to serve on the Presidential Commission investigating the space shuttle Challenger accident. In a dramatic fashion, Feynman publicly demonstrated the inelasticity of the shuttle's O-rings at near freezing temperatures, a leading cause of the disaster. He also contributed an extended appendix to the Committee's report, highlighting the technical and administrative deficiencies of the National Aeronautics and Space Administration's space program.

Feynman's many interests outside of science, such as his fondness for codes and safecracking, his bongo drums, his theatrical appearances, his artwork, plus his experiments in out-of-body experiences, are well documented in his autobiographies, as well as in his papers at Caltech.

Feynman continued his scientific work and his lecturing activities up until his death on February 15, 1988, after a long battle with a rare form of cancer.

Scope and Content of Collection

The working papers, correspondence, manuscripts and related materials of Richard Phillips Feynman (1918-1988) form the collection known as the Feynman Papers in the California Institute of Technology Archives. Feynman was the Richard Chace Tolman Professor of Theoretical Physics at Caltech from 1951 to 1988.

The Papers were gifted to Caltech by Richard Feynman and Gweneth Feynman in two main installments, beginning in 1968. Caltech has title to the Papers themselves, while the Feynman heirs retain literary and publication rights. The Feynman Lectures on Physics and the Lectures on Gravitation form an exception, in that Caltech is the copyright holder in these

publications.

The first group of papers, now boxes 1-20 of the collection, was donated by Feynman himself in 1968 and added to from time to time during his lifetime. It contains materials dating from circa 1933 to 1970. The second group, comprising just under three-fourths of the whole collection, occupies boxes 21-90. It was given to Caltech by Feynman's widow Gweneth early in 1989. Group 2 contains papers primarily from the 1970s and 1980s, although some older material is present.

The two groups of papers have been kept separate, although box numbering is continuous throughout the collection. The guide to the collection is in two parts, and researchers must expect to consult both parts. At the time the second group of papers was processed, an effort was made to create an arrangement parallel to that of group 1. However, the different content and larger scope of group 2 eventually resulted in a somewhat different scheme.

Correspondence:

The Feynman collection contains a large amount of both incoming and outgoing correspondence. Feynman's scientific contacts include many of the greatest names in twentieth-century physics: Hans Bethe, Niels Bohr, Enrico Fermi, Stephen Hawking, Werner Heisenberg, J. Robert Oppenheimer, Hideki Yukawa--to name only a few. In Group 1, correspondence has been spread over four sections: correspondence (largely with individual colleagues), miscellaneous or general correspondence, publication correspondence, and, in the biographical section, a small number of personal letters.

For Group 2, an attempt was made to pull both personal, general, and publication correspondence into one main section, Section I. However, when letters demonstrated both intellectual and physical links with other documents, their original contextual relationships were maintained. Thus, publication correspondence will be found both in Section I and in Section VI. Fan mail surrounding Feynman's television appearances, his two autobiographies, and his Nobel Prize has been placed in Section II, Biographical, as has other correspondence relating to his business and consulting activities documented there.

Course and Lecture Notes:

Feynman's lecture courses at institutions in Southern California other than Caltech, and even outside the U.S., are represented in Group 2. Of special interest are the courses Feynman gave, in addition to those he attended, at Hughes Aircraft Company, and the sets of lectures that were later published as *Statistical Mechanics* and *QED* (originally the Mautner Lectures, which were in turn predated by the Robb Lectures, first delivered at the University of Auckland, New Zealand). Material pertaining to the publication of these lecture series is found in Group 2 correspondence under the respective publishers.

Talks, Speeches, Conferences:

In this category are those lectures delivered for a special occasion or purpose, usually as single lectures, but sometimes as a series, and in both formal and informal settings. This category overlaps somewhat with Course Notes and Lectures. In Group 1, these materials are to be found under Professional Organizations and Meetings (Section III) and Manuscripts (Section V). In Group 2, they are arranged under Section V in chronological order, when dated, and in a subsection of undated talks. Folders in this category contain a wide variety of talk-related documents, from holograph notes to correspondence to slides, figures, or transparencies.

Publications:

Group 1 contains a small section of publication correspondence (Group 1, Section IV), mostly pertaining to Feynman's book or monograph publishers; in Group 2, similar correspondence has been placed in the main correspondence section (Group 2, Section I). Group 2's Section VI lists Feynman's publications by title in chronological order. Folders contain a variety of material, from holograph notes to correspondence to proofs and prints. Researchers should note that formal reprints have been grouped at the end of Group 2, in Section IX.

Working Notes and Calculations:

The vast majority of Feynman's working notes are located in Group 2. A representative sample from his early years appears in Group 1, Section V. Of special interest in this group are notebooks from his student days, beginning ca 1933. The notes in Group 2 capture the breadth and depth of Feynman's thought, as well as reflecting many aspects of his personality. They cover a wide range of subjects, from quantum electrodynamics and later quantum chromodynamics to biology and computers. The notes also reflect Feynman's working style. They are sometimes carefully organized into notebooks that were rigorously dated, such as the binders dated between 1966 and 1987 at the beginning of Group 2, Section VII. Unfortunately for researchers, these are the exception. The great mass of Feynman's working notes are scattered on miscellaneous sheets of papers, envelopes, placemats, and seemingly whatever else was at hand when thoughts struck him. Feynman occasionally took time to organize these into a system for files, although only a small fraction of his notes found their way into such a system. The great majority was left in a scattered condition and grouped during the processing of the papers as well as possible by subject matter. Many miscellaneous papers remain.

Work of Others:

Feynman officially maintained neutrality on the work of his contemporaries, but informal commentaries in the form of notes and marginal glosses on the work of others abound in his papers. A small segment of such materials can be found in Group 1, Section V. A large amount of work by others, both with and without Feynman's commentary, forms Group 2's Section VIII. A preponderance of material on computers dictated an arrangement in which computer-related projects are categorized separately. Individuals whose work is strongly represented--largely Caltech colleagues, students, or collaborators--are listed singly; otherwise materials have been listed by subject.

Note on use of Guide:

In writing the guide to the collection, the archivists have observed certain conventions, particularly in the area of manuscript description. Square brackets ([]) are used to mark editorial insertions, such as titles created by the archivist which are not derived directly from the manuscripts themselves. Brackets are also used to signify unnumbered pages in a manuscript.

Indexing Terms

The following terms have been used to index the description of this collection.

Physicists

Bethe, Hans Albrecht, 1906-

Bohr, Niels Henrik David, 1885-1962

Fermi, Enrico, 1901-1954

Hawking, Stephen W., 1942-

Heisenberg, Werner, 1901-1976

Oppenheimer, J. Robert, 1904-1967

Subjects

Computers

Gravitation--Research

Particles (Nuclear physics)

Physics--Study and teaching

Quantum chromodynamics

Quantum electrodynamics

Quantum theory

Space shuttles--Accidents--Investigation--United States

Challenger (Space shuttle)

Corporations

California Institute of Technology

Genres and Forms of Materials

Calculations

Lecture notes

Manuscripts

Notebooks

Technical notes

Related Collections

Researchers should also consult the Caltech Archives' Historical Files, which contain much miscellaneous material on Richard Feynman acquired from many sources. Similarly the Photo Archives offer a selection of images, obtained in a similar way. The Audio and Video Collections contain substantial Feynman material; researchers should consult the specific index.

Manuscript collections at Caltech which contain materials of particular relevance to Feynman include the Papers of Robert Leighton and the Caltech course lecture notes by Bruce H. Morgan.

Group I

Section I: Correspondence

Box 1, Folder 1	American Philosophical Society 1968
Box 1, Folder 2	Anderson, Herbert L. 1961
Box 1, Folder 3	Ashkin, Julius 1950
Box 1, Folder 4	Australian National University (E. W. Titterton, M. L. Oliphant) 1950
Box 1, Folder 5	A Miscellaneous
Box 1, Folder 6	Bacher, Robert F. 1949-1950; 1961
Box 1, Folder 7	Beadle, George W., M.D.; 1967
Box 1, Folder 8	Bethe, Hans A. 1946, 1948, 1951, 1953
Box 1, Folder 9	Birge, Raymond T. 1945, 1947, 1949
Box 1, Folder 10	Bohm, David 1947
Box 1, Folder 11	Bohr, Niels 1962
Box 1, Folder 12	Breuckner, Keith 1961
Box 1, Folder 13	Bronk, Detlev 1961
Box 1, Folder 14	Brown, Laurie M. 1961
Box 1, Folder 15	Bush, Vannevar 1966-1967
Box 1, Folder 16	Butler, Stuart (Blatt, J. M.; Schafroth, M. R., 1955); 1960, 1968
Box 1, Folder 17	B Miscellaneous
Box 1, Folder 18	Chandrasekhar, Subrahmanyan 1966
Box 1, Folder 19	Chicago, University of, Lecture 1967
Box 1, Folder 20	Christy, Robert F. 1949
Box 1, Folder 21	Cohen, Arthur M. 1961
Box 1, Folder 22	Condon, Ed 1962-1964
Box 1, Folder 23	Corben, Bert and Malaika 1947-1964
Box 1, Folder 24	Creutz, Edward 1949
Box 1, Folder 25	Critchfield, Charles L. 1951
Box 1, Folder 26	C Miscellaneous
Box 1, Folder 27	Dresden, Max 1960
Box 1, Folder 28	DuBridge, Lee A. 1949
Box 1, Folder 29	DuMond, Jesse 1961, 1965-1966
Box 1, Folder 30	Dyson, Freeman 1948-1949
Box 1, Folder 31	D Miscellaneous
Box 1, Folder 32	Einstein Film 1961
Box 1, Folder 33	Employment Offers 1945-1947
Box 1, Folder 34	E Miscellaneous
Box 1, Folder 35	Fermi, Enrico 1951-1952
Box 1, Folder 36	Fernández-Moran, Humberto 1973
Box 1, Folder 37	F Miscellaneous
Box 1, Folder 38	Gell-Mann, Murray 1959
Box 1, Folder 39	General Electric 1946
Box 1, Folder 40	Goudsmit, Sam A. 1949, 1951
Box 1, Folder 41	Guth, Eugene 1960
Box 1, Folder 42	G Miscellaneous
Box 2, Folder 1	Heisenberg, Werner 1968
Box 2, Folder 2	Hessaby, Mahmoud 1967-1968
Box 2, Folder 3	Hirshberg, Richard 1952
Box 2, Folder 4	Hoffman, Banesh 1961
Box 2, Folder 5	H Miscellaneous
Box 2, Folder 6	I Miscellaneous
Box 2, Folder 7	Jehle, Herbert 1959; N.D.; 1966
Box 2, Folder 8	Judd, David L. 1960
Box 2, Folder 9	J Miscellaneous
Box 2, Folder 10	Keller, Joseph 1949
Box 2, Folder 11	Kerner, Ed 1949
Box 2, Folder 12	K Miscellaneous
Box 2, Folder 13	Lattes, Cesar 1949-1951
Box 2, Folder 14	Lévy, Maurice 1966

Box 2, Folder 15	Lomanitz, Ross 1960, 1965
Box 2, Folder 16	Luria, Salvador 1960
Box 2, Folder 17	L Miscellaneous
Box 2, Folder 18	Mano, Koichi 1965-1967
Box 2, Folder 19	Marshak, Robert E. 1957, 1960, 1965-1967
Box 2, Folder 20	Marshall, Leona 1960
Box 2, Folder 21	Andre Maurois Visit 1960-1961
Box 2, Folder 22	Mercereau, James E. 1952, 1964
Box 2, Folder 23	Metropolis, Nicholas 1949, 1966-1967
Box 2, Folder 24	Miniature Electric Motor 1960-1961, 1966
Box 2, Folder 25	MIT Centennial "The Future of Physics" 1960-1961
Box 2, Folder 26	Morette, Cecile 1950
Box 2, Folder 27	M Miscellaneous
Box 2, Folder 28	National Academy of Science 1959-1961, 1969-1970
Box 2, Folder 29	Neddermeyer, Seth H. 1949
Box 2, Folder 30	N Miscellaneous
Box 2, Folder 31	Oppenheimer, J. Robert 1946-1947, 1960
Box 2, Folder 32	O Miscellaneous
Box 2, Folder 33	Panofsky, Wolfgang 1951
Box 2, Folder 34	Perez-Mendez, Victor 1960
Box 2, Folder 35	Piccioni, Oreste 1960
Box 2, Folder 36	Prigogine, Ilya 1960
Box 2, Folder 37	P Miscellaneous
Box 2, Folder 38	Richtmyer, Robert D. 1946-1947
Box 2, Folder 39	Rojansky, Vladimir 1961
Box 2, Folder 40	R Miscellaneous
Box 2, Folder 41	Sandage, Allan 1968-1969
Box 2, Folder 42	Scalettar, Richard 1960
Box 2, Folder 43	Schiff, Leonard I. 1951, 1960-1961, 1969
Box 2, Folder 44	Segal, Irving 1960-1961
Box 2, Folder 45	Segré, Emilio 1961
Box 2, Folder 46	Seitz, Frederick 1946
Box 2, Folder 47	Smith, Lloyd P. 1947, 1950
Box 2, Folder 48	Smyth, H. D. 1945-1947
Box 2, Folder 49	Stahl, Franklin W. 1961
Box 2, Folder 50	Sutherland, Sir Gordon 1960
Box 2, Folder 51	Syngé, John L. 1968
Box 2, Folder 52	S Miscellaneous
Box 3, Folder 1	T Miscellaneous
Box 3, Folder 2	Ulam, Stan M. 1960, 1970
Box 3, Folder 3	U Miscellaneous
Box 3, Folder 4	Von Neumann, John 1950
Box 3, Folder 5	V Miscellaneous
Box 3, Folder 6	Weinberg, Joseph 1948
Box 3, Folder 7	Weiner, Norbert 1961
Box 3, Folder 8	Weisskopf, Victor 1948, 1961-1962, 1964, 1966, 1970
Box 3, Folder 9	Welton, Theodore A. 1948-1950, 1952
Box 3, Folder 10	Wheeler, John A. (including notes on Feynman's thesis) 1942, 1945, 1949, 1951, 1961, 1966
Box 3, Folder 11	Wigner, Eugene P. 1946, 1949, 1955, 1965, 1968
Box 3, Folder 12	Wilson, Thomas J. 1967
Box 3, Folder 13	W Miscellaneous
Box 3, Folder 14	Y Miscellaneous
Box 3, Folder 15	Zacharias, Jerrold R. 1951
Box 3, Folder 16	Z Miscellaneous
Box 3, Folder 17	Unidentified and Miscellaneous Items

Section II: Miscellaneous Correspondence

Box 3, Folder 18	Army Scientific Advisory Panel 1954
Box 3, Folder 19	Program About "Time" 1957-1962
Box 3, Folder 20	Recommendations - People, Proposals
Box 3, Folder 21	"New Math" Letters I 1965
Box 3, Folder 22	"New Math" Letters II 1965-1968
Box 3, Folder 23	Students' Letters 1961-1970
Box 4, Folder 1	Acceptances 1948-1969
Box 4, Folder 2	Declinations 1949-1966
Box 4, Folder 3	1967, A - L
Box 4, Folder 4	1967, M - W
Box 4, Folder 5	1968
Box 4, Folder 6	1969
Box 4, Folder 7	1970, A - M
Box 4, Folder 8	1970, N - W

Section III: Professional Organizations And Meetings

	Conferences
Box 5, Folder 1	International Colloquium on "Fundamental Particles and Nuclei" 1950
Box 5, Folder 2	Moscow Conference on Quantum Electrodynamics 1955
Box 5, Folder 3	Relativity and Gravitation, Warsaw, Poland 1962
Box 5, Folder 4	Galileo Conference, Italy 1964
	Reports
Box 5, Folder 5	Atomic Energy Commission, "The Calculation of Critical Masses Including the Effects of the Distribution of Neutron Energies" 1947
Box 5, Folder 6	Rochester Conference Notes ca 1955
Box 5, Folder 7	Evaluation of "A Rational Method of Forecasting Natural Gas Production and Discoveries" 1965
Box 5, Folder 8	Cornell Meeting on the Nature of Time 1965
Box 5, Folder 9	Proceedings, Conference on High Energy Two Body Reactions 1966

Section IV: Publication Correspondence

Box 5, Folder 10	W. A. Benjamin, Inc. 1961-1966
Box 5, Folder 11	McGraw-Hill 1955-1966
Box 5,	Miscellaneous (2 folders)
Folder Folders	
12-13	

Section V: Manuscripts

	Talks
Box 6, Folder 1	"The Reaction of the Absorber as the Mechanism of Radioactive Damping" 1941
Box 6, Folder 2	"The Concept of Probability in Quantum Mechanics" 1950
Box 6, Folder 2.1	John Danz Lectures: 1963, University of Washington (correspondence and transcripts)
	Notes on Manuscripts
Box 6, Folder 3	Josephson Junction (Mercereau's work)
Box 6, Folder 4	"Action at a Distance in Quantum Theory" by John Wheeler
Box 6, Folder 5	"On Field Theories with Non-Localized Interaction" by Claude Bloch
Box 6, Folder 6	"Radioactive Corrections to p-e Decay" by Sam M. Berman
Box 6, Folder 7	"Variational Determination of Atomic Wave Functions" by P. Morse and L. Young
	Notes by Other Scientists
Box 6, Folder 8	Properties of Pi Mesons, Hans A. Bethe 1952
Box 6, Folder 9	Pion Photoproduction Formulas, R. L. Walker 1965

	Papers
Box 6, Folder 10	"Closed Loop and Tree Diagrams" March 1967
Box 6, Folder 11	"The Present State of Quantum Electrodynamics" Solvay Conference 1961
Box 6, Folder 12	Abstract, "The Quantum Theory of Gravitation" 1964
Box 6, Folder 13	5 Slides and Paper T5 Theory of Positrons
Box 6, Folder 13.1	"Atom Theory of Liquid Helium" July 21, 1953 (Abstract of a paper to be presented at the Theoretical Physics Conference in Tokyo, September 1953. Notas de Fisica No. 12, 1953. Centro Brasileiro de Pesquisas Fisicas)
	Notes for Other Lectures
Box 6, Folder 14	"Theory and Application of Mercereau's Super-conducting Circuits" October 29, 1964
Box 6, Folder 15	"Current Algebras and Strong Interactions," Transcript 1966
Box 6, Folder 16	"Time in Physics and Evolutionary History" 1968 at Berkeley
Box 6, Folder 17	Notes for Public Lectures (includes "Inertia")
Box 6, Folder 18	Manuscript ["Physics and the Constituents of Matter"]
Box 6, Folder 19	Manuscript, "Quantum Theory of Least Action"
Box 6, Folder 20	Abstract, "The Qualitative Behavior of Yang-Mills Theory in 2+1 Dimensions" 1981
	Lecture Notes for Courses
Box 7, Folder 1	Untitled "405" 1946 (at Cornell University)
Box 7,	Quantum Mechanics 1947 (at Cornell University) Fall (folder 2); 2nd term (folder 3)
Folder Folders 2-3	
Box 7, Folder 4	Advanced Quantum Mechanics (at Cornell)
Box 7,	High Energy Nuclear and Meson Phenomena 1951 (Brazil) (2 folders)
Folder Folders 5-6	
Box 7, Folder 7	.6.1 Misc. Lecture Notes, Brazil, n.d.
Box 7, Folder 7	High Energy Phenomena and Meson Theories 1951 (at CIT)
Box 7, Folder 8	Quantum Mechanics (at CIT)
Box 7, Folder 9	Quantum Electrodynamics 1953 (at CIT)
Box 7, Folder 10	Quantum Electrodynamics and Meson Theories 1950 (at CIT)
Box 8, Folder 1	Theoretical Nuclear Physics (at CIT)
Box 8, Folder 2	Theory of High Energy Phenomena 1951 and Meson Theory Notes
Box 8, Folder 3	Electrodynamics
Box 8, Folder 4	Energy Flux; The Behavior of Waves
Box 8,	Quantum Electrodynamics and Meson Theories (at CIT) (folder 5) 1950; (folder 6) 1953
Folder Folders 5-6	
Box 8, Folder 7	Statistical Mechanics and Kinetic Theory (at Cornell)
Box 8, Folder 8	Fenômenos no Estado Sólido 1963 (in Brazil)
Box 9, Folder 1	Physics Course, no title (Feynman ?)
Box 9,	Lectures on Elementary Physics (folder 2) 1962; (folder 3) Physics IB notes, 1962; (folder 4) Physics IC notes, 1962
Folder Folders 2-4	
Box 9, Folder 5	Lectures on Gravitation 1962-1963
Box 9, Folder 6	Physics Course, Miscellaneous Notes, Exam Questions; Grade Book ca 1950
	Correspondence re: Physics
Box 10, Folder 1	Curriculum 1962-1966
Box 10, Folder 2	Lectures on Physics
Box 10,	Physics Problems (folder 3) 1946-1964; (folder 4) 1965- 1966; (folder 5) 1967-1968; (folder 6) 1969-1970
Folder Folders 3-6	
	Notes and Calculations
Box 11, Folder 1	Density Fluctuations in Fermi Gas
Box 11, Folder 2	Dirac Equation
Box 11, Folder 3	Energy Levels of a Self-Interacting Atom, etc.
Box 11, Folder 4	Groups and Quantum Mechanics
Box 11, Folder 5	Harmonic Oscillators
Box 11, Folder 6	Helium
Box 11, Folder 7	Mathematical Functions and Self-Interacting Atom
Box 11, Folder 8	Mesons, Cosmic Rays
Box 11, Folder 9	Born Approximation of Yukawa Potential

Box 12, Folder 1	Meson Interaction
Box 12, Folder 2	Meson Theory
Box 12, Folder 3	Vector Charged Mesons
Box 12, Folder 4	Particles
Box 12, Folder 5	Phage
Box 12, Folder 6	Quantum Electrodynamics
Box 12, Folder 7	Radiationless Scattering
Box 12, Folder 8	Sedimentation
Box 12, Folder 9	"Space-Time Approach to Quantum Electrodynamics"
Box 12, Folder Folders 10-11	Superconductivity (2 folders)
Box 13, Folder 1	Theory of Positrons; Self-Energy in an Atom; Radiation Scattering; Spreading Dirac Packet
Box 13, Folder 2	WKB Approximation to Dirac Equation
Box 13, Folder Folders 3-8	Miscellaneous Notes (6 folders)
	Miscellaneous Manuscripts
Box 14, Folder Folders 1-5	Preprints of others, including notes and correspondence (5 folders)
Box 14, Folder 6	Codes
Box 15, Folder 1	Notes related to MIT senior thesis
Box 15, Folder 2	MIT senior thesis 1939
Box 15, Folder Folders 3-4	PhD thesis MSS (2 folders)
	Notes, University of Michigan Summer Symposium, from W. Nierenberg:
Box 15, Folder 5	Untitled 1947
Box 15, Folder 6	"Quantum Electrodynamics," by Julian Schwinger 1948
Box 15, Folder 7	"A New Approach to Quantum Electro- dynamics," by Feynman, taken by M. Fuchs and R. Riddell 1949
Box 15, Folder 8	Early MSS on Quantum Electrodynamics [n.d., post-1948]
Box 15, Folder 9	Untitled MS, typewritten 1951
	Miscellaneous Notebooks
Box 16, Folder 1	"The Calculus for the Practical Man" ca 1933 (photocopy; original in Niels Bohr Library, American Institute of Physics)
Box 16, Folder 2	High School Trigonometry and Advanced Algebra 1933
Box 16, Folder 3	Notebook ca 1933 and later
Box 16, Folder 4	Notebook of letters between Feynman and Theodore A. Welton 1935-1939
Box 16, Folder 5	"Notebook of Things I Don't Know About" 1940
Box 17, Folder 1	Notebook ca 1960: Biochemical Techniques re RNA and DNA; "Mutual Suppression of r Mutants of Bacteriophage T4D," note from Bob [Sinsheimer]
Box 17, Folder 2	Notebook [n.d.]: Quantum Electrodynamics; "The Present Situation in Quantum Electrodynamics," Solvay Conference 1961; memo, J. W. M. DuMond to Feynman, 27 January 1955, "Anomalous Magnetic Moment of the Electron;" other loose notes

Section VI: Biographical

	Personal Correspondence
Box 18, Folder 1	Mary Louise Bell 1951-56
Box 18, Folder 2	Misc. Personal Correspondence 1943-1969
Box 18, Folder 3	Newspaper Clippings
Box 18, Folder 4	Photographs
Box 18, Folder 5	Biographical Information
	Awards
Box 18, Folder 6	Einstein Award 1954
Box 18, Folder 7	E. O. Lawrence Award 1962
	Nobel Prize: See: Group 2, Section II

National Academy of Sciences, Diploma of Election to Fellow, 27 April 1954 See: Group 2, Section X, Oversize

Venice Nobel Prize Scroll, 5 February 1958 See: Group 2, Section X, Oversize

Section VII: Audio And Video Material

BBC programs:

- Box 19 **BBC-Horizons: "The Pleasure of Finding Things Out" 1982 (3/4" videotape); "Fun to Imagine" 1983 (2 3/4" videotapes)**
- Box 19 **Interview on "Viewpoint," KNXT TV, conducted by Bill Stout, ca 1957-1965 (audio cassette)**
- Box 19 **Feynman speaking at Far Rockaway High School, ca late 1960s (audio cassette)**
- Box 19 **Drum music from India: tape from Hildegard Lamfrom**
- Box 20 **"The Structure of the Proton," 10 May 1973 (3 videotapes in V-32 format)**

Group II

Section I: Correspondence

Declinations

- Box 21, Folder 1 **1972-73**
- Box 21, Folder 2 **1974-75**
- Box 21, Folder 3 **1976-79**
- Box 21, Folder 4 **1980-82**
- Box 21, Folder 5 **1983**
- Box 21, Folder 6 **1984**
- Box 21, Folder 7 **1985 Jan-July**
- Box 22, Folder 1 **1985 Aug-Dec**
- Box 22, Folder 2 **1986**
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- Box 22, Folder 11 **Reviews 1967-68**
- Box 22, Folder 12 **Addison-Wesley--W. A. Benjamin, Inc., *Statistical Mechanics* 1972-86**
- Box 22, Folder 13 **American Institute of Physics, Interview with C. Weiner, correspondence 1975-86**
- Box 22, Folder 14 ***American Scientist* 1973**
- Box 22, Folder 15 **Aspect, Alain 1984**
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- Box 22 **Abbott, Richard L. 1975**
- Box 22 **Ackerman, Diane 1979**
- Box 22 **Akerlof, Carl W. 1981**
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- Box 22 **Amati, D. 1976**
- Box 22 **American Association for the Advancement of Science 1974**
- Box 22 **Andersen, Bjorn 1976**
- Box 22 **Andrade, P. da R. 1972**
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Box 22	Angelidis, T. D. 1977
Box 22	Arlick, Alfred B. 1972
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Box 22	Ashkin, Julius and Claire 1984
Box 22	Aspden, Harold 1974
Box 22	Aspen Center for Physics 1978
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Box 23	Bate, Edward R. 1980
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Box 23	Biofuel, Inc. 1979
Box 23	Black, Stephen 1972
Box 23	Blass, Walter 1986
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Box 23	Blumberg, A. J. 1976
Box 23	Bowden, Lt. Joseph 1973
Box 23	Bowland, R. A. 1981
Box 23	Bowlby, J. 1975
Box 23	Boy Scouts 1972
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Box 23	Brink, L. and Olive, D. 1973
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Box 23	Brown, Rita 1982
Box 23	Brown, W. K. 1978
Box 23	Brownstein, L. 1976
Box 23	Brynjolfssen, Ari 1981
Box 23	Burkle E, Jorge 1972
Box 23	Burks, Arthur W. 1976

Box 23	Bushman, Bruce E. 1975
Box 23	Bustamente Llaca, Enrique 1979
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	Cambridge University Press, <i>Dirac Memorial Lectures</i>
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Box 24	California Museum of Science and Industry 1973
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Box 24	Challis, L. J. 1974
Box 24	Chang, Lee 1979-81
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Box 24	Chang, W. S. 1973
Box 24	Channel City Club 1965
Box 24	Chen, Ning Yang (Frank) 1982
Box 24	Cheng, Hung 1977
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Box 24	Demetriades, Donna 1985
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Box 24	Diaz Jimenez, Alfonso 1979
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Box 25	Ellis, Stephen D. 1974
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Box 25	Encyclopedia Britannica 1972
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Box 25	Frank, Evelyn 1973, n.d.
Box 25	Franzini, P. 1973
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Box 25	Gozzi, E. 1982
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Box 25	Gray, Harry [alias Judge Carter] and Shirley 1978
Box 25	Greenberg, O. W. and Yodh, G. B. 1974

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Box 26	Martin, Brian 1987
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Box 26	Mathematical Association of America 1965
Box 26	McCalley, Karl 1984
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Box 26	McConnell, R. A. 1983-84
Box 26	McConnell, William L. 1975
Box 26	McEwan, Stephanie A. 1980
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Box 26	Mermin, David 1984
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Box 26	Morrison, Philip 1972
Box 26	Moss, Arthur 1974
Box 26	Muir, John, High School See: Sallee
Box 26	Muldowney, P. 1982
Box 26	Muller, Richard 1979
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	Norton, W. W. and Company, Inc.
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Box 27, Folder 3	What Do You Care What Other People Think? 1988
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Box 27	Naidis, Mark 1975
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Box 27	Nippell, Janet See: Yandell, Ben
Box 27	Nishikawa, Tetsuji 1981
Box 27	Nissim-Sabat, Charles 1982
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Box 27	Novaco, Anthony D. 1976
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Box 27	Oehler, Kathy 1974
Box 27	Okun, Lev 1985-87 See also: Section VI, QED, Russian Edition
Box 27	Olds, R. H. 1985
Box 27	Olum, Paul 1974
Box 27	OMNI Publications 1979
Box 27	Optican, Lance Michael 1969
Box 27	Orange Unified School District 1984
Box 27	Ord, Garnet 1982
Box 27	Osowitz, B. M. 1975
Box 27	Oxford English Dictionary Supplement 1976
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	Princeton University Press, QED: The Strange Theory of Light and Matter
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Box 28	Pell, Erik M. 1976
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Box 28	<i>Physics Review</i> 1977
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Box 28	Richardson, F. B. 1981
Box 28	Richter, Burton 1974
Box 28	Ritz, Edward F. 1972
Box 28	Robbins, Howard n.d.
Box 28	Roberts, Jack 1981
Box 28	Roberts, Nick 1983
Box 28	Robertson, Brent 1972
Box 28	Roman, G. 1982
Box 28	Rose, Augusta 1975
Box 28	Rose, Jed E. 1987
Box 28	Rosen, Louis 1974
Box 28	Rossi, Bruno 1983
Box 28	Roth, Dana 1980 (Caltech Libraries)
Box 28	Rothfeld, Gloria 1975
Box 28	Rowe, D. M. 1981

Box 28	Rucher, Rob 1974
Box 28	Ruderfer, Martin 1966, 1978
Box 28	Rumore, Phil n.d.
Box 28	Rutherford, David 1975
Box 28, Folder 8	Sagan, Carl, Productions 1982-83
Box 28, Folder 9	Salam, Abdus 1966
Box 28, Folder 10	Schweber, S. S. 1980-85
Box 28, Folder 11	Science Magazine: "The Structure of the Proton" Correspondence 1973, 1975, 1985-86 See also: Section V, VI
	Schrödinger, Erwin See: Todd, Olga Taussky
Box 28, Folder 12	Slager, Donald M. 1986
Box 28, Folder 13	Student letters (high school and below) 1971-87
Box 28, Folder 14	Sutherland, Bill 1987 See also: Section VIII
Box 29, Folder 1	S misc (2 folders)
Box 29	Sachs, Mendel 1978
Box 29	Saetta, Guy T. 1983
Box 29	Safer, Carol 1982
Box 29	Safier, Emil 1979
Box 29	Salk Institute 1974
Box 29	Sallee, [?] 1983 (John Muir High School)
Box 29	Salvadó, Carlos 1975, n.d.
Box 29	Sands, Matthew 1985
Box 29	Santilli, Ruggero Maria 1976
Box 29	Sarfatti, J. 1975 (Esalen)
Box 29	Scheff, Thomas J. 1986
Box 29	Scherk, Joël 1977
Box 29	Schlichter, Paul 1982
Box 29	Schornstein, Bernie 1985
Box 29	Schultz, Ted 1986
Box 29	Science Digest 1984
Box 29	Science Research Associates 1974
Box 29	Scientific American 1973
Box 29	Seelig, Wolfgang 1972
Box 29	Sellers, Rorick 1987
Box 29	Serbian National Defense Council 1973
Box 29	Shavran, Rabbi Avi 1987
Box 29	Shaw, A. 1977
Box 29	Sheidlower, Jesse 1985
Box 29, Folder 2	Shinitzky, Meir 1986
Box 29	Shirkov, D. V. 1976
Box 29	Shoulders, K. R. 1986
Box 29	Simon, Walter 1981-83 (The World of Learning)
Box 29	Sinha, P. M. N. 1975
Box 29	Sittler, Karl E. 1974
Box 29	Smith, C. H. Llewellyn 1978
Box 29	Smith, Jack H. 1981
Box 29	Smith, Miranda Weston [?] 1974
Box 29	Smith, Paul K. 1987
Box 29	Society for Industrial and Applied Mathematics 1965
Box 29	Socolow, Robert H. 1984
Box 29	Soviet Physics Uspekhi 1975, 1985
Box 29	Soldini, J. 1987
Box 29	Spector, N. H. 1985
Box 29	Springer Verlag 1981
Box 29	Srivastava, R. 1987
Box 29	Stachiewicz, Paul 1975 (La Petite Ecole)
Box 29	Stadler, [?] 1987
Box 29	Stahl, Bob 1965

Box 29	Stanley, Michael 1975
Box 29	Steckel, Arthur D. 1986
Box 29	Stedman, Geoffrey 1982
Box 29	Stevens, Barry 1984
Box 29	Stillerman, Ivan 1975
Box 29	Storm, Gale 1979
Box 29	Strategic Defense Initiative See: Thorne, Kip
Box 29	Strickland, Glenn G. 1983
Box 29	Structural Dynamics Research Corp. 1973
Box 29	Suedfeld, Peter 1975
Box 29	Sukhatme, Uday 1977
Box 29	Sweet, Rev. Sanford S. 1976
Box 29	System Development Foundation 1981
Box 29, Folder 3	Teitelboim, Claudio 1984-85
Box 29, Folder 4	Telegdi, Val 1973-85
Box 29, Folder 5	Thinking Machines Corporation 1983-84, 1986
Box 29, Folder 6	Thornber, Karvel K. 1965, 1969, 1978 See also: Section VIII
Box 29, Folder 7	Todd, Olga Taussky n.d.
Box 29, Folder 8	T misc
Box 29	Tarpley, Christopher 1987
Box 29	Technion (Israel Institute of Technology) 1979
Box 29	Temmen, Lüder 1975 (with clipping)
Box 29	Tewary, V. K. 1983
Box 29	Thillaimuthu, J. 1982 (with photo)
Box 29	Thomas, Arthur 1974
Box 29	Thomchick, John 1975
Box 29	Thorne, Kip n.d. See also: Section VIII
Box 29	Thurnauer, Hans 1986
Box 29	Tigelaar, Howard 1982
Box 29	Tollestrup, Alvin 1985
Box 29	Tomomura, Akira 1983
Box 29	Tournas, Apostolos 1985
Box 29	Trimble, Virginia 1987
Box 29	Troyer, James 1974
Box 29	Truzzi, Marcello 1985
Box 29	Tryon, E. P. 1974
Box 29	Tuan, S. F. 1973 See also: Section VIII
Box 29	Turney, Jeanne F. 1975
Box 29	Tykodi, Ralph J. 1975
Box 29, Folder 9	Unidentified
Box 29, Folder 10	University of California, miscellaneous 1973-82
Box 29, Folder 11	Vanderbroucke, Russell 1984-86 (Los Alamos Revisited)
Box 29, Folder 12	U-V misc
Box 29	Uchida, Mie 1978
Box 29	Ungerleider, Ilene 1975
Box 29	Valainos [?], John
Box 29	Van Der Hyde, V. A. 1986
Box 29	Van de Snepscheut, Jan 1984, n.d. See also: Section VIII
Box 29	Van Duykeren, N. W. J. 1973
Box 29	Van Iderstine, David 1985
Box 29	Van Nuys High School 1985, n.d.
Box 29	Van Sant, Tom 1985
Box 29	Vasey, Joel 1975
Box 29	Vedhanel, Rich 1974
Box 29	Veneziano, G. 1985
Box 29	Vilain, Michael 1974
Box 29	Viliani, Gabriele 1972
Box 29	Virshup, Gary 1978

Box 29	Vogelsang, Roger 1975
Box 29	Vogue 1984
Box 29	Vu_kovi_, Vera 1982
Box 29, Folder 13	Weber, Joe 1976, 1983
Box 29, Folder 14	Weisskopf, Victor 1961, 1976, 1979-80 See also: Section VIII
Box 29, Folder 15	Wheeler, John A. 1973, 1977-78
Box 29, Folder 16	Wilson, Kenneth G. 1976, 1982 See also: Section VIII
Box 29, Folder 17	Witten, Edward 1982
Box 29, Folder 18	Wolff, J. Gerard 1981-82
Box 29, Folder 19	Wolfram, Stephen 1981, 1985 See also: Thinking Machines Corporation See also: Section VIII
	Wright, Dudley See: Section II, Orbisphere 29.20
Box 29	Wyden, Peter 1983
	W misc (2 folders)
Box 29, Folder 21	Wadlinger, Robert L. 1976
Box 29	Wahlquist, Hugo 1983
Box 29	Wallace, A. D. 1965
Box 29	Walsh, Birrell 1974
Box 29	Ward, Pat 1986
Box 29	Warner, Kenneth R., Jr. 1975
Box 29	Wasserburg, G. J. 1986
Box 29	Watt, Bob 1986
Box 29	Weber, Robert L. 1979
Box 29	Weinberg, Steven 1977 See also: Section VIII
Box 29	Weinstock, Robert 1983
Box 29	Welch, Marcelle 1984
Box 29	Wessel, Walter 1971-72
Box 29	Wheeler, Harvey 1975 (Center for the Study of Democratic Institutions)
Box 29	Whiteley, J. N. 1971
Box 29	Wickett, Walton 1976
Box 29	Wiley-Interscience 1974-75
Box 29	Williams College 1965
Box 29	Williams, Gary and Richard E. Packard 1974
Box 29	Williams, Robert C. 1985
Box 29, Folder 22	Williams, Robert W. 1983
Box 29	Williamson, Paul R. 1983
Box 29	Willis, David 1982
Box 29	Willis, Harry T. 1975
Box 29	Wilsdorf, Doris 1972
Box 29	Wilson, Richard 1983, 1985
Box 29	Wilson, Robert 1978, 1985
Box 29	Wilts, James R. 1974
Box 29	Witonsky, Phil 1986
Box 29	Wolff, Andrew H. 1974
Box 29	Wolsson, Kenneth 1981
Box 29	Wong, Po Kee 1983
Box 29	Woods, Jean Whitaker 1983
Box 29	Woodward, Alan 1982
Box 29	Wouk, Herman 1973
Box 29	Wu, Yu-hsun 1973 See also: Chou, Pei-yuan
Box 29	Wu, Zi Yi 1984
Box 29	Wunderman, Irwin 1977
Box 29	Wybourne, B. G. 1982
Box 29, Folder 23	Yorkshire Television 1972, 1975-76, 1983 See also: Malina, Frank
Box 29, Folder 24	Yukawa, Hideki 1948, 1965
Box 29, Folder 25	X-Y-Z misc
Box 29	Xerox Corporation 1983 (Ole H. Nielsen and Richard M. Martin)
Box 29	Yacasua, L. T. 1975

Box 29	Yandell, Ben and Janet Nippell 1982
Box 29	Young, Fredric 1976
Box 29	Young, Robert A. 1983
Box 29	Yourgrau, Wolfgang 1978
Box 29	Zahlan, A. B. 1965
Box 29	Zammitt, Norman 1982
Box 29	Zarmi, Yair 1977
Box 29	Zeldovich, Y. B. n.d.
Box 29	Zimmer, Stuart 1982
Box 29	Zimmerman, W. and L. H. Nosanow 1965
Box 29	Zubov, Victor See: Read, Gerald H.
Box 29	Zweig, George See: Section II, Nobel Prize, Swedish Royal Academy of Science

Section II: Biographical

Fan mail

Box 30, Folder 1	Miscellaneous 1972, 1979, 1982-87, n.d.
Box 30, Folder 2	NOVA, miscellaneous 1975-79
Box 30, Folder Folders 3-6	"The Pleasure of Finding Things Out" (folder 3) Nov 1981-Apr 1982; (folder 4) Jan-June 1983; (folder 5) Aug 1983-Jan 1984, n.d.; (folder 6) Miscellaneous correspondence and documents 1981-84
Box 30, Folder 7	"Surely You're Joking" and other books 1983-84, Jan-Mar 1985, n.d.
Box 31, Folder Folders 1-8	"Surely You're Joking" and other books (folder 1) Apr-May 1985; (folder 2) June-Aug 1985; (folder 3) Sept-Dec 1985; (folder 4) Jan-June 1986; (folder 5) July-Dec 1986; (folder 6) Jan-June 1987; (folder 7) July 1987-1988, n.d.; (folder 8) Reviews and miscellaneous correspondence

Nobel Prize

Box 32, Folder 1	Nobel Foundation, correspondence and documents 1965-68
Box 32, Folder 2	Swedish Royal Academy of Science, correspondence and documents 1965-77
Box 32, Folder 3	Swedish Broadcasting Corporation, correspondence and documents 1965
Box 32, Folder 4	Nobel trip [Dec 1965], miscellaneous correspondence 1965-66
Box 32, Folder 5	Ceremonial banquet speech 10 Dec 1965
Box 32, Folder 6	Prize Ceremony, photos Dec 1965
Box 32, Folder Folders 7-8	Nobel Lecture, "The Development of the Space-Time View of Quantum Electrodynamics" (folder 7) Editorial and miscellaneous correspondence 1965-71; (folder 8) Prints
Box 32, Folder 9	Athenaeum dinner 7 Jan 1966
Box 32, Folder 10	Feynman to other Nobelists 1967-68
Box 32	Alvarez, Luis 1968
Box 32	Bethe, Hans 1967
Box 32	Mottelson, Ben 1975
Box 32	Onsager, Lars 1968
Box 32	Rainwater, James 1975
Box 32, Folder 11	Gathering of Nobel Prize Winners 1973, 1976
Box 32, Folder Folders 12-13	Printed matter and clippings

Congratulatory letters

Box 33, Folder 1	A-B
Box 33, Folder 2	C-E
Box 33, Folder 3	F-G
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Box 33, Folder 5	K-M
Box 33, Folder 6	N-P
Box 33, Folder 7	R
Box 33, Folder 8	S
Box 33, Folder 9	T-V
Box 33, Folder 10	W-Z

Box 33, Folder 11	Anonymous, unidentified, miscellaneous
	Biographical Miscellany
Box 34, Folder 1	Arms Control ca 1980-82
Box 34, Folder 2	Art Exhibition, Bullock's 1967
Box 34, Folder 3	Biographical data
Box 34, Folder 4	Bohr, Niels, Medal 1973 (with newsclips)
Box 34, Folder 5	California Curriculum Commission, "Comments on the New Arithmetic Textbooks"
Box 34, Folder 6	Caltech Division of Humanities and Social Sciences, Jenijoy LaBelle 1975-76 Caltech Division of Physics, Math and Astronomy
Box 34, Folder 7	Appointments and promotions 1973-74
Box 34	Farrar, Glennys
Box 34	Field, Richard D.
Box 34	Fox, Geoffrey C.
Box 34	Mewaldt, R.
Box 34	Sciulli, Frank
Box 34	Sierk, Arnold J.
Box 34	Werner, Michael
Box 34	Wilson, Kenneth
Box 34, Folder 8	Candidacy exam 1974
Box 34, Folder 9	Fairchild nominations 1975
Box 34, Folder 10	Caltech leaves of absence 1974-77
Box 34, Folder 11	Caltech Libraries and Archives 1968-69, 1986-87
Box 34, Folder 12	Cancer and misc. health-related documents 1972-85
Box 34, Folder 13	Cartoons and caricatures
Box 34, Folder Folders 14-15	Estephanian, Steven Fabric Cutting Machine (folder 14) 1965; (folder 15) 1972-77
Box 34, Folder 16	Family and friends, miscellaneous personal correspondence Far Rockaway High School
Box 34, Folder 17	Correspondence and documents 1965-67
Box 34, Folder 18	Feynman Lecture Series 1966-67
Box 34, Folder 19	<i>The Chat</i>
Box 34, Folder 20	Financial records, misc.
Box 35, Folder 1	Manhattan Project 1945/1973
Box 35, Folder 2	Mautner, Alix
Box 35, Folder 3	McLellan micromotor (with photos) 1960
Box 35, Folder 4	Miniaturization projects (with photos) 1960-1985
Box 35, Folder 5	Mexico Property 1972-82
Box 35, Folder 6	Newsclips, miscellaneous
Box 35, Folder 7	Personal material, miscellaneous
Box 35, Folder Folders 8-9	Printed material, misc. biographical (folder 8) 1950s-60s; (folder 9) 1970s-80s
Box 35, Folder 10	Rhodes, C. K., Neutrino Detection (Atlantic Richfield Co.) 1980
Box 35, Folder 11	Sketches
Box 35, Folder 12	Sketch pad
Box 35, Folder 13	Tuva trip and film 1981-82, 1986-88
Box 35, Folder 14	Welton, Theodore "Memories"
Box 35, Folder 15	Zorthian, Jirayr H. "Surely it isn't Science" 1987 (incomplete)
Box 36, Folder Folders 1-3	Orbisphere Corporation/Laboratories
Box 36, Folder 4	Dudley Wright, Personal Correspondence (folder 1) 1978-81; (folder 2) 1982-83; (folder 3) 1985-87
Box 36, Folder 5	Feynman visit March 1980
Box 36, Folder 6	Financial Statements 1979-80, 1983
Box 36, Folder Folders 7-9	Board of Directors, Correspondence and Documents 1985-86
Box 36, Folder 10	John Hale, Correspondence and Technical Notes (folder 7) 1979-80; (folder 8) 1981-83; (folder 9) 1984-85, undated Dan Gagescu, Correspondences and Technical Notes 1985

Box 36, Folder 11	Miscellaneous Technical Notes
Box 36, Folder 12	Miscellaneous Correspondence, Documents, Printed Matter

Section III: Space Shuttle "Challenger" Investigation

	Correspondence (5 folders)
Box 37, Folder 1	A-F
Box 37, Folder 2	G-H
Box 37, Folder 3	K
Box 37, Folder 4	L-R
Box 37, Folder 5	S-Z
Box 37, Folder 6	Feynman's working notes
Box 37, Folder 7	Working documents, misc
Box 37, Folder 8	Flame analysis, photos and data
Box 37, Folder 9	Temperature effects
Box 37, Folder 10	Feynman's notes "Temperatures of SRB" [incomplete?]
Box 38, Folder 1	Technical material, misc
Box 38, Folder 2	Technical material, NASA
	Reports
Box 38, Folder 3	GAO, "Report to Congress" 23 Feb 1982
Box 38, Folder 4	Feynman's notes on Presidential Commission Report
Box 38, Folder 5	Feynman's report on "Reliability of the Shuttle" (2 versions)
Box 38, Folder 6	NASA, "Actions to Implement the Recommendations of the Presidential Commission..." 14 July 1986
Box 38, Folder 7	Reagan, Ronald 19 June 1986
Box 38, Folder 8	Notes for "Mr. Feynman Goes to Washington"
Box 38,	Newsclips
Folder Folders	
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Section IV: Course And Lecture Notes

	Part A: Caltech Course Notes and Related Material
Box 39, Folder 1	Bi/CS/Ph 250: Physics of Computation 1981-83
Box 39, Folder 2	CS/Ph 187a Potentialities and Limits of Computing Machines 1984
Box 39, Folder 3	Computer Course 1981-84
Box 39, Folder 4	Computer Energetics 1980
Box 39, Folder 5	Fundamentals Course
Box 39, Folder 6	Gell-Mann Course Notes, Physics 234
Box 39, Folder 7	Gravity Course Notes ca. 1967
Box 39, Folder 8	Mathematical Methods of Physics II
Box 39, Folder 9	Miscellaneous Course Notes "Fresh"
Box 40, Folder 1	Miscellaneous Course Notes Quantum Mechanics and QED
Box 40, Folder 2	Notes for Talk to Gell-Mann's Class
Box 40, Folder 3	Physics 2a: Miscellaneous Notes
Box 40, Folder 4	Physics 2b: Miscellaneous Notes 1962 [?]
Box 40, Folder 5	Physics 2c: Miscellaneous Notes 1962 [?]
Box 40, Folder 6	Physics 125: Elementary Quantum Mechanics 1974
Box 40, Folder 7	Physics 135: Applications of Quantum Mech. 1979
Box 40, Folder 8	Physics 205: Advanced Quantum Mechanics 1973
Box 40, Folder 9	Physics 205a: Advanced Quantum Mechanics 1966-67
Box 41,	Physics 205a 41.1 n.d.; 41.2 1978
Folder Folders 1-2	
Box 41, Folder 3	Physics 205b: Notes and Calculations 1974-5
Box 41, Folder 4	Physics 205c: Relativistic Quantum M., Notes 1968
Box 41,	Physics 230: High Energy Physics 1968-9 (folder 5) vol I; (folder 6) vol II
Folder Folders 5-6	

Box 41, Folder 7	Physics 230: Elementary Particle Theory 1987-88
Box 42, Folder 1	Physics 230b: Elementary Particle Theory Notes 1/19/[?]
Box 42, Folder 2	Physics 231: Experimental High Energy Physics 1970
Box 42, Folder 3	Physics 231: High Energy Physics 1975
Box 42,	Physics 234: Field Theory 1978 (folder 4) vol I; (folder 5) vol II
Folder Folders 4-5	
Box 42, Folder 6	Physics 234: Photon-Hadron Lecture Notes 1971
Box 42, Folder 7	Physics 234: Photon-Hadron 1971-72 vol I
Box 43,	Physics 234: Photon-Hadron 1971-72, (folder 1) vol II; (folder 2) vol III; (folder 3) vol IV
Folder Folders 1-3	
Box 43,	Physics 234: QCD (folder 4) 1982; (folder 5) Course Notes n.d.; (folder 6) Course Notes 198[?]; (folder 7) Lecture Notes 1983
Folder Folders 4-7	
Box 43, Folder 8	Physics 236: Gravity 1980
Box 43, Folder 9	Soph[omore] Lecture 13 April 1973
	Part B: Student Exams, Papers, Etc.
Box 44, Folder 1	CS/Ph 187a: Student Problem Sets 1984
Box 44, Folder 2	CS/Ph 251: Final papers 1984
Box 44, Folder 3	Homework and Exams--Miscellaneous
Box 44, Folder 4	Physics 205: Homework 1974
Box 44, Folder 5	Physics 236b: Relativity Exams 1981
Box 44, Folder 6	Physics Candidacy Exam & Results 1971; 1976
Box 44, Folder 7	Student Papers/ Grades 1973-84
	Part C: Other Lecture Notes
	Hughes Aircraft Courses given by Feynman
Box 45,	Lectures on Astronomy, notes by J. Neer 1966-67 (folder 1) Part I; (folder 2) Part II
Folder Folders 1-2	
Box 45,	Lectures on Electrodynamics and Related Topics, notes by J. Neer Oct 1967-Jun 1968, (folder 3) Part I; (folder 4) Part II
Folder Folders 3-4	
Box 45,	Lectures on Quantum Mechanics, notes by J. Neer July 1968-May 1969 (folder 5) Part I; (folder 6) Part II
Folder Folders 5-6	
Box 45, Folder 7	Lectures on QED, notes by J. Neer 196[9]?
	Feynman's Notes on Hughes Courses
Box 46, Folder 1	"Hughes Computer" 7 Mar-17 Oct 1984
Box 46, Folder 2	"Hughes Computers 1983-4" Notebook
Box 46, Folder 3	"Hughes--Electromag" Notebook Oct 1974
Box 46, Folder 4	"Hughes Notes, Electrostatics and Computers" 14 Nov 1984 to 9 Jan 1985
Box 46, Folder 5	"Hughes Notes"
Box 46, Folder 6	"Hughes Optics 1971-72" Notebook and Enclosed Material
Box 46, Folder 7	"Miscellaneous" Lecture Notes
Box 46, Folder 8	Miscellaneous Notes
Box 46, Folder 9	"Old Hughes" notes
Box 46, Folder 10	"Quantum Electronics--Hughes, Culver City 1977," Notebook and Enclosed Material
	Feynman's Notes Used for Other Lectures
Box 46, Folder 11	"Lecture Ideas"
Box 46, Folder 12	Lectures on Gravitation #1-11 1962-63
Box 47, Folder 1	Lectures on Gravitation #1-11; #12-16 in rough form ca 1971
Box 47, Folder 2	Lectures on the Theory of Fundamental Processes 1959-60
Box 47, Folder 3	Les Houches Course on Gauge Theories 2 1976
Box 47, Folder 4	Les Houches Summer School Lectures 1976
Box 47, Folder 5	Mautner Lectures on QED, Notes 1983
Box 47, Folder 6	Statistical Mechanics Course Notes
Box 47, Folder 7	Statistical Mechanics Problem Sets
Box 47, Folder 8	Statistical Mechanics: A Set of Lectures 1960-61
Box 48,	Statistical Mechanics: A Set of Lectures 1960 (folder 1) Part I; (folder 2) Part II; (folder 3) Part III; (folder 4) Part IV
Folder Folders 1-4	

Section V: Talks, Speeches, Conferences

- Part A: Dated talks**
- Box 49, Folder 1 **The Value of Science NAS Meeting, Caltech, 1955 Nov 2-4**
Holograph notes, 1,1-4 leaves; proof, 1 p
- Box 49, Folder 2 **Conflict of Science and Religion [ca 1956]**
Holograph notes, [5] leaves; proofs, 2 pp
- Box 49, Folder 3 **Theoretical Ideas Used in Analyzing Strange Particles Feynman and Gell-Mann, United Nations Talk [1960s]**
Typescript (carbon)
- Box 49, Folder 4 **Seeking New Laws (Messenger Lecture #3) Cornell, 1964 Nov**
Holograph notes, [3] leaves
- Box 49, Folder 5 **My Experiences with Quantum Electrodynamics Caltech Physics Colloquium, 1965 Dec 2**
Typescript, 33 leaves (incomplete, pp. 10, 14, 17 missing)
- Box 49, Folder 6 **[Talk, CERN] 1965 Dec 17**
Typescript; audio tape
- Box 49,
Folder Folders
7-10 **What is Science? National Science Teachers Association, New York, 1966 April 2**
- (folder 7) Correspondence, general 1965-67; (folder 8) correspondence, *The Physics Teacher* 1967-69; (folder 9) typescript (photocopy), with holograph corrections, 32 leaves; (folder 10) Ed Hutchings's typescript (photocopy), 32 leaves
- Box 49,
Folder Folders
11-12 **The Principles of Relativistic Quantum Mechanics American Physical Society, Washington, 1966 April**
- (folder 11) Correspondence, general 1965-67; (folder 12) notes (photocopy) by J. Ashkin; correspondence 1966-67
- Box 49, Folder 13 **The Application of Mathematics to Mathematics Mathematical Society of America, Eugene, 1969 Aug**
Holograph notes, [2] leaves; abstract, correspondence
- Box 49,
Folder Folders
14-15 **The Behavior of Hadron Collisions at Extreme Energies Third International Conference of High Energy Collisions, Stony Brook, 1969 Sept 5-6**
- (folder 14) Holograph, 1-10, 10a, 11-19 leaves; typescripts (one photocopy); (folder 15) publication correspondence 1969-70
- Box 49, Folder 16 **[Lecture, Oersted Medal] American Association of Physics Teachers, 1972 Feb 1**
Correspondence 1971-72, 1980-81; typescript (photocopy), ill.
- Box 49,
Folder Folders
17-18 **What Neutrinos Can Tell Us About Partons Neutrino Conference, Balatonfüred (Hungary), 1972 June 11-17**
- (folder 17) Correspondence 1972; (folder 18) holograph, [i], 1-2, 2a, 3-7, 7a-c, 8-21, [3] ill. leaves; typescripts (one photocopy)
- Box 49, Folder 19 **Final State Hadrons from Deep Inelastic Collisions XVI International Conference on High Energy Physics, Batavia, 1972 Sept 6-13**
Correspondence 1972; typescript
- Box 49, Folder 20 **[Talk, particles] Caltech, Ramo Auditorium, [1973]**
Typescript
- Box 50, Folder 1 **[Talk on quarks] 1973 Jan 11**
Holograph notes, III leaves
- Box 50, Folder 2 **The Internal Structure of the Proton Museum of Science and Industry, 1973 May 3, and Lawrence Berkeley Laboratory, 1973 May 10**
Holograph notes, [1] leaf
- Box 50, Folder 3 **Partons Fifth Hawaii Topical Conference in Elementary Particle Physics, Honolulu, 1973 Aug 7-20**
Correspondence and documents 1972-74
- Box 50,
Folder Folders 4-5 **The Structure of the Proton (Niels Bohr Medal Lecture) Copenhagen, 1973 Oct 3**

	(folder 4) Correspondence 1973-76; (folder 5) typescript, slides, figures, transparency
Box 50, Folder 6	Conference on Lepton Induced Interactions UC Irvine, 1973 Dec 7-8 Correspondence 1973
Box 50, Folder 7	Summary Talk Fourth International Conference on Neutrino Physics, Philadelphia, 1974 April 26-28 Correspondence 1973-74; typescript (photocopy); holograph notes (part photocopy), 1-2, [6] leaves; transparencies
Box 50, Folder 8	Cargo Cult Science Caltech Commencement Address, 1974 June 14 Holograph notes, [1] leaf; correspondence and documents, 1974
Box 50, Folder 9	The Structure of the Proton Canadian Undergraduate Physics Association, 1974 October Holograph notes, [3] leaves; slide masters
Box 50, Folder 10	The Structure of the Proton and other talks Canadian Undergraduate Physics Association Correspondence 1974-75, 1977-78
Box 50, Folder 11	Remarks on New Particle 1974 Nov 13-26 Typescript
Box 50, Folder 12	Los Alamos from Below UC Santa Barbara, 1975 Feb 6 Correspondence 1975-81; typescript (photocopy)
Box 50, Folder 13	Talk to Math Club 1975 April 22 Holograph notes, [4] leaves
Box 50, Folder 14	[From folder:] Ψ talk 1975 Oct 14 Holograph notes, 6 leaves; transparencies
Box 50, Folder 15	[From folder:] Ψ talk Stanford Conference [1975?] Transparencies
Box 50, Folder 16	Summary Talk Conference on Quarks and New Particles, Laguna Beach (UC Irvine), 1975 Dec 5- 6 Correspondence 1975
Box 50, Folder 17	[Talk, Sigma Pi Sigma], CSU Long Beach, 1976 Jan 31 Correspondence 1975-76
Box 51, Folder 1	Negative Probability [1977] Correspondence; typescript, ill.; transparencies
Box 51, Folder 2	Correlations in Hadron Collisions at High Transverse Momentum, Orbis Scientiae, Coral Gables, 1977 Jan Correspondence 1976-77; typescript, ill.
Box 51, Folder 3	[Talk on Jesse DuMond] 1977 Feb 24 Holograph notes, 4 leaves [small] and 4 leaves; transparencies and ill.; slides; typescripts (one photocopy)
Box 51, Folder 4	Quark Jets VIII International Symposium on Multiparticle Dynamics, Kaysersberg (France), 1977 June 12-17 Correspondence 1976-77; typescript, ill.
Box 51, Folder 5	[Talk at Lawrence Berkeley Laboratory] 1978 March 27 Correspondence 1978
Box 51, Folder 6	[Talk on neutrinos], Caltech Alumni Seminar Day, 1978 May 13; and JPL and other related notes Correspondence 1978; holograph notes, [5] leaves; transparencies, slides, misc
Box 51, Folder 7	Omni Magazine interview, 1979 Correspondence 1979; typescripts (photocopy)
Box 51, Folder 8	How Well Do We Really Know What QCD Says About Large Momentum Transfer Processes? Caltech Physics Workshop, 1979 Feb 13-18 Holograph notes, [3] leaves; documents
Box 51, Folder 9	Robb Lectures [QED] University of Auckland, 1979 July-Aug Correspondence 1978-79
Box 51, Folder 10	Beatty Lectures: Light and Matter [cf Robb Lectures] McGill University, 1979 Oct 29-31 Correspondence 1979

Box 51, Folder Folders 11-13	[From envelope:] YMZ Early Talks (folder 11) Stanford, 1980 Oct 29; Caltech, 1980 Nov 4; (folder 12) Crete [1980?]; (folder 13) QCD old [1980?] Transparencies
Box 51, Folder Folders 14-16	Simulating Physics with Computers MIT Conference on Physics and Computing, 1981 May 6-8 (folder 14) Correspondence, typescripts, list of attendees, photo; (folder 15) holograph notes, [1], V leaves; transparencies; (folder 16) copies of papers by others
Box 51, Folder 17	A Qualitative Discussion of Quantum Chromodynamics in 2 + 1 Dimensions International Conference on High Energy Physics, Lisbon, 1981 July 9-15 Typescript (photocopy)
Box 51, Folder 18	How QCD Works Shelter Island, [1983?] Correspondence 1983; transparencies
Box 51, Folder 19	Probability in Mathematics Mathematical Association of America, San Diego, 1983 March 4 Holograph notes, [9] leaves
Box 52, Folder 1	[From folder:] QCD Elementary, Alaska University of Fairbanks, 1983 March Correspondence 1982-83; transparencies
Box 52, Folder 2	Tiny Computers Obeying Quantum Mechanical Laws Los Alamos, 1983 April 14 Correspondence 1982-83
Box 52, Folder 3	Conference on Chemically-Based Computer Design UC Los Angeles, 1983 Oct Correspondence 1983; conference report
Box 52, Folder 4	[From folder:] QCD Caltech Oct 1983 Holograph notes, [1] leaf; transparencies
Box 52, Folder 5	[Talk on QCD] UC Irvine Undergraduate Physics Conference, 1984 April 7 Correspondence 1984
Box 52, Folder 6	Quantum Mechanical Computers CLEO/IQEC Meeting, Anaheim, 1984 June 19 Typescript, ill.; proofs
Box 52, Folder 7	U.S. New and World Report Interview 1985 Feb Correspondence; typescript
Box 52, Folder 8	Quantum Mechanical Computers General Research Colloquium, Bell Labs[?], 1985 May 24 Holograph notes, [18] leaves (one blank); notes, misc, [5] leaves; transparencies, article by S. Wolfram
Box 52, Folder 9	Computing Machines of the Future AAAS Youth Symposium, 1985 May 29 Correspondence, documents 1985
Box 52, Folder 10	Computing Machines of the Future Nishina Memorial Lecture, Tokyo, 1985 Aug 9 Correspondence 1983-85; typescript
Box 52, Folder 11	Bethe Ansatz Lunch talk 1987 Jan 22 Holograph notes, [8] leaves
Box 52, Folder 12	Part B: Undated talks The Future for Science Interview transcript (photocopy)
Box 52, Folder 13	Science in America Holograph, 4 leaves
Box 52, Folder 14	Esalen II Holograph notes, [2] leaves
Box 52, Folder 15	It's As Simple as One, Two Three Typescript
Box 52, Folder 16	Algebra Machine Holograph notes, [2] leaves
Box 52, Folder 17	[Talk on math] Holograph notes, a-c leaves
Box 52, Folder 18	[From folder:] Relativity and QM Talk

Box 52, Folder 19	Holograph notes, [7] leaves loose, [8] leaves on tablet; transparencies [Talk on gravitation]
Box 52, Folder 20	Holograph notes, 3, [3] leaves Renormalization of the Gravitational Field International Conference on the Theory of Weak and Strong Interactions, La Jolla
Box 53, Folder 1	Holograph notes, [18] leaves; documents Cosmic Radiation
Box 53, Folder 2	Holograph notes, [6] leaves [Talk on theories of fundamental particles]
Box 53, Folder 3	Typescript Independent particles approximation
Box 53, Folder 4	Holograph notes, [4] leaves In Hawaii [talk on particles]
Box 53, Folder 5	Holograph notes, 4 leaves [From envelope:] Transparencies for Quark Talk, Hawaii
Box 53, Folder 6	Transparencies [Talk on quarks]
Box 53, Folder 7	Holograph notes, V, [1] leaves [From envelope:] Vancouver Transparencies
Box 53, Folder 8	Holograph notes, [2] leaves loose, [4] leaves on tablet; transparencies, envelope [Talk on particles]
Box 53, Folder 9	Transparencies [Talk on particles]
Box 53, Folder 10	Holograph notes, [2] leaves Why There are Anti-Particles
Box 53, Folder 11	Polaroid slides (8) [Talk on Self Action]
Box 53, Folder 12	Holograph notes, 3 leaves Parity for Electrons
Box 53, Folder 13	Holograph notes, [6] leaves [Talk on QCD] Lisbon [?]
Box 53, Folder 14	Holograph, 1-8, a-c, 9-10, [4] leaves; transparencies MIT Colloquium QCD
Box 53, Folder 15	Holograph notes, [1] leaf QCD Caltech
Box 53, Folder 16	Holograph notes, [1], 4 leaves; transparency [Untitled talk, incomplete]
Box 53, Folder 17	Holograph, pag. 14-40, 40[sic]-53, 50-62 Notes, misc, possibly talk-related
Box 53, Folder 18	Correspondence, lectures and talks 1973-1987, undated
Box 53, Folder 19	Printed material, conferences and talks Talk-related slides and negatives: 6 envelopes Legends to slides 1 folder

Section VI: Publications

Box 55, Folder 1	Amplifier Response (Manhattan Project report) 1946
Box 55, Folder 2	Slow Electrons in a Polar Crystal 1954-1962 Correspondence, holograph notes, typescript (carbon)
Box 55, Folder 3	A Theory of the Fermi Interaction 1957 Preprint (mimeo)
Box 55, Folder 4	The Present Status of Quantum Electrodynamics 1961 Typescript (photocopy)
Box 55, Folder 5	There's Plenty of Room at the Bottom 1962 Technion Yearbook 1962

Box 55, Folder 6	The Feynman Lectures ca 1962-64 Holograph notes enclosed with annotated copies of Part 2C: [35] leaves, [1] small leaf; corrections to v. 3
Box 55, Folder 7	The Feynman Lectures 1963 Annotated copies of Part 2C (2 copies)
Box 55, Folder 8	The Theory of a General Quantum System... 1963 Preprint (mimeo)
Box 55, Folder 9	The Group $U(6) \times U(6)$ Generated by Current Components 1964 Preprint (photocopy)
Box 55, Folder 10	The Development of the Space-Time View of Quantum Electrodynamics (Nobel Lecture) 1966 Preprints (bound)
Box 55, Folder 11	What is Science? 1969 Edited typescript, galley proofs
Box 55, Folder 12	Very High Energy Collisions of Hadrons 1969 Correspondence, typescripts with corrections, reprint with holograph notes
Box 55, Folder 13	The Behavior of Hadron Collisions at Extreme Energies 1969 Preprint (photocopy)
Box 56, Folder 1	The Delta-$I=1/2$ Rule from the Symmetric Quark Model 1970 Holograph MS, corrected typescripts, preprint (photocopy), correspondence
Box 56, Folder 2	Closed Loop and Tree Diagrams 1970 Correspondence, typescript and ill. (photocopy)
Box 56, Folder 3	Some Comments on Baryonic States 1970 Correspondence, typescripts with corrections, preprint
Box 56, Folder 4	The Velocity Acquired by an Electron in a Finite Electric Field in a Polar Crystal 1970 Typescripts (photocopy)
Box 56, Folder 5	Current Matrix Elements from a Relativistic Quark Model 1970 Typescript, ill.; holograph notes, [3] leaves; preprint (photocopy) with annotations
Box 56, Folder 6	Cerenkov Effects in Tachyon Theory 1970 or after Typescript (photocopy)
Box 56, Folder 7	Problems in Quantizing the Gravitational Field... 1971 Typescript
Box 56, Folder 8	Statistical Mechanics 1972 Annotated copy
Box 56, Folder 9	Statistical Mechanics ca 1972-74 Holograph notes enclosed with annotated copy: [18] leaves (some photocopy); [3] leaves, misc
Box 56, Folder 10	Structure of the Proton 1973 Typescript (photocopy)
Box 56, Folder 11	[Typescript, untitled] 1975 Oct 24
Box 57, Folder 1	Correlation Among Particles and Jets Produced with Large Transverse Momenta 1977 Preprint (photocopy)
Box 57, Folder 2	Quark Elastic Scattering as a Source of High Transverse Momentum Mesons 1977 Preprint (photocopy)
Box 57, Folder 3	A Parameterization of the Properties of Quark Jets 1977 Preprint (photocopy)
Box 57, Folder 4	A Quantum Chromodynamic Approach for the Large Transverse Momentum... 1978 Typescript (photocopy); holograph notes, [15] leaves; envelope, preprint (photocopy)
Box 57, Folder 5	Frontiers in Science (anniversary ed.) 1979 Correspondence, reprints
Box 57, Folder Folders 6-9	Qualitative Behavior of Yang-Mills Theory in 2+1 Dimensions 1981 (folder 6) Typescripts, ill.; (folder 7) correspondence and documents; (folder 8) preprints (photocopies) with corrections; (folder 9) typescript corrections, proofs

Box 57, Folder 10	Simulating Physics with Computers 1981 Typescript (photocopy) with holograph annotations
Box 57, Folder 11	A Qualitative Discussion of Quantum Chromodynamics in 2+1 Dimensions 1981 Preprint (photocopy)
Box 57, Folder 12	Quantum Mechanical Computers 1984 Correspondence 1984-87; typescript (edited), printed matter
Box 57, Folder 13	QED, Russian Edition (L. B. Okun) ca 1986 Correspondence, printed matter

Section VII: Working Notes And Calculations

Box 58, Folder Folders 1-6	1966-67 Blue Binder
Box 58, Folder Folders 7-10	1968-69 Blue Binder
Box 59, Folder Folders 1-3	1969-70 Green Binder
Box 59, Folder Folders 4-7	1976-77 Blue Binder
Box 60, Folder Folders 1-4	1976-77 Black Binder
Box 60, Folder Folders 5-7	1976-79 Brown Binder
Box 61, Folder Folders 1-4	1980 Yellow Binder
Box 61, Folder Folders 5-7	1981-82 Orange Binder
Box 61, Folder Folders 8-10	1982-83 Red Binder
Box 62, Folder 1	1987-88 Black Binder
Box 62, Folder 2	A Conventional Derivation of the Path Integral Minimum Principle 9/77
Box 62, Folder 3	A Description of a Field Theory in 4-Space
Box 62, Folder 4	"A Model of Strong and Weak Couplings" 20 Oct 1958
Box 62, Folder 5	Advanced Effects
Box 62, Folder 6	Algebra Vol A
Box 62, Folder 7	Algebra Machine
Box 62, Folder 8	Alternate Way to Handle Electrodynamics 13 Dec 1963
Box 62, Folder 9	Artificial Intelligence 1985
Box 62, Folder 10	Astronomy ca 1960
Box 62, Folder 11	Astrophysics
Box 62, Folder 12	Atomic Computer ca 1982
Box 62, Folder 13	Beta [B] decay
Box 62, Folder 14	Binding energies of Fermi Gases [?]
Box 63, Folder 1	Biological Notes, <i>The Structure and Action of Proteins</i> and enclosed notes
Box 63, Folder Folders 2-4	CPT, Spin, Elementary Relativistic Quantum Mechanics (folder 2) ca 1967; (folder 3) "to T. H. and return to E. S." 1968; (folder 4) "Why Anti-particles, TCP etc." ca 1968
Box 63, Folder 5	Calculations [?] ca 1980
Box 63, Folder 6	Calculations, Path Integrals, QCD, Computers 198[?]
Box 63, Folder 7	Calculations, Probability of $\sigma=\rho(\sigma)\delta\sigma$ [?]
Box 63, Folder 8	Calculations by Forward Electron Theory with Opposite Charge
Box 63, Folder 9	Calculations from $(H+\lambda\times u) 4=E\Psi$
Box 63, Folder 10	Calculations of Resonance Widths ca 1970
Box 63, Folder 11	Calculations on QCD [?] 1982
Box 64, Folder 1	"Closed Loop and Tree Diagrams" [pub. 1972]
Box 64, Folder 2	Chemistry

Box 64, Folder 3	Computers, miscellaneous
Box 64, Folder 4	Computers and QED ca 1984
Box 64, Folder 5	Computer Notebook and Other Material 1983-84
Box 64, Folder 6	Constructing a Triangle Using a Compass
Box 64, Folder 7	Cosmology and Stars ca 1968
Box 64, Folder 8	Coulomb Propagator
Box 64, Folder 9	Cylindrical Sedimentation
Box 64, Folder 10	DEMON Computer Algorithm and other notes
Box 64, Folder 11	DNA
Box 64, Folder 12	Defense, Nuclear War
Box 64, Folder 13	Density Matrices [?]
Box 64, Folder 14	Diagram Relationships
Box 64, Folder 15	Dirac Equation, Rotation of Matrix Elements
Box 65, Folder 1	"Discussion After Schild's talk" 26 July 19[?]
Box 65,	Dispersion
Folder Folders 2-3	
Box 65, Folder 4	Dissipative Linear Systems
Box 65, Folder 5	Eigenstates and Energies [?]
Box 65, Folder 6	Electron-Nucleon Interaction
Box 65, Folder 7	Experimental Data, Decay ca 1957-61
Box 65, Folder 8	Extreme Relativistic Electrodynamics
Box 65, Folder 9	Feynman Talk Graphs
Box 65, Folder 10	Feynman's "Miscellaneous" File
Box 65, Folder 11	Field Effects ca 1950
Box 65, Folder 12	Fluid Motion, Viscous
Box 65, Folder 13	Flux Lines 5/10/67
Box 65, Folder 14	Fourier Transform of $v(\kappa)$
Box 65, Folder 15	Future Computing Machines
Box 65, Folder 16	Gaussian Signals/Information Theory [?]
Box 66, Folder 1	Glacial Ice, Argon, Numbers
Box 66,	Gravity
Folder Folders 2-3	
Box 66, Folder 4	Gravity in Astronomy and Lecture on Curved Space
Box 66, Folder 5	Gravity Notepad [?]
Box 66, Folder 6	Gravity Waves, Virtual Particles [?] various
Box 66, Folder 7	Gravitational Equations, Yang Mills
Box 66, Folder 8	Group Theory, Quantum Fundamentals
Box 67, Folder 1	Helium
Box 67, Folder 2	Helium 3
Box 67, Folder 3	Helium, Rotating
Box 67, Folder 4	High energy E + M
Box 67, Folder 5	Integrating the Action Inside a Rectangle 3/4/82
Box 67, Folder 6	Integrals Notepad
Box 67, Folder 7	Ising Model
Box 67, Folder 8	Ithaca Meeting 8/71, Representations of The Lorentz Graph 3/73
Box 67, Folder 9	Kaon [κ] Decay
Box 67, Folder 10	Kinds of Systems ca 1980
Box 67, Folder 11	Lamb shift, notes
Box 67, Folder 12	Large Mass Interactions in QCD 5/22/79-77/7/79
Box 68, Folder 1	Lattices [?]
Box 68, Folder 2	Lorentz Group 1965 and undated
Box 68,	Miscellaneous Calculations
Folder Folders 3-6	
Box 68, Folder 7	Miscellaneous Notes
Box 69, Folder 1	Miscellaneous Notes ca 1979-84
	Miscellaneous Notes
Box 69, Folder 2	Helium, Superconductivity, etc.
Box 69, Folder 3	Mostly QED [?]

Box 69, Folder 4	Mostly Quantum Mechanics ca 1950s-1960s
Box 69, Folder 5	Notes from R.P.F's Desk
Box 69, Folder 6	Particles, QED I, various dates
Box 70, Folder 1	Particles, QED II, various dates
Box 70, Folder 2	Plasma, Particles, Astrophysics ca 1970s
Box 70,	Miscellaneous Notes on Computers (folder 3) n.d.; (folder 4) ca 1984
Folder Folders 3-4	
Box 70, Folder 5	Miscellaneous Notes, Quarks, QED, various
Box 70, Folder 6	Miscellaneous Technical Notes
Box 70, Folder 7	Meson Scattering
Box 70, Folder 8	Mobility
Box 71, Folder 1	Muon
Box 71, Folder 2	$\mu^0 \rightarrow 3\pi$ decay July 1966
Box 71, Folder 3	Negative Probabilities
Box 71, Folder 4	Negative Probabilities 18 Feb 1970
Box 71, Folder 5	Neutrino Emission ca 1960
Box 71, Folder 6	Neutrino/Antineutrino, B. Barish 1973
Box 71, Folder 7	Non-Relativistic Hydrogen Atom
Box 71, Folder 8	Notebook on Assorted Topics, QM, Computers etc.
Box 71, Folder 9	Notebook on Computers 1982-83
Box 71, Folder 10	Notebook on Particle Physics ca 1975
Box 71, Folder 11	Notebook on QCD and other topics ca 1987
Box 71, Folder 12	Notebook on Variational Principle [?]
Box 72, Folder 1	Notepad, Computer Applications and QCD
Box 72, Folder 2	Notepad on Computational Linguistics 1985
Box 72, Folder 3	Notepad on Gauge Transformations and QCD ca 1982
Box 72, Folder 4	Notepad on Miscellaneous Subjects
Box 72, Folder 5	Notepad on QED and Other Topics, Richard and Carl Feynman
Box 72, Folder 6	Notes, Concurrent QM Computation, Model of E. Coli August 1984
Box 72, Folder 7	Notes and Calculations, Mostly Gravitation [?] ca 1966
Box 72, Folder 8	Notes and Calculations, QCD, Computers [?] ca 198[?]
Box 72, Folder 9	Notes on Computers [?] ca 1983
Box 72, Folder 10	Notes on Various Subjects ca 1980s
Box 72, Folder 11	Nuclear Fluid
Box 72, Folder 12	Nuclear Physics
Box 72, Folder 13	Number Theory [?]
Box 72, Folder 14	Ongoing Proton
Box 72, Folder 15	Ordered Operators
Box 72, Folder 16	Origin of Mass and Other calculations
Box 72, Folder 17	Optics [?] ca 1980
Box 73, Folder 1	Pairs of Interacting Atoms/Oscillators [?] ca 1940s [?]
Box 73, Folder 2	Paper on Computer Character Recognition Program
Box 73,	Particle Physics [?]
Folder Folders 3-4	
Box 73, Folder 5	Particle Physics, $\epsilon\rho^2\epsilon\text{A}\Pi\zeta\zeta$ [?] ca 1969
Box 73, Folder 6	Particle Physics, Mesons, Coupling, Magnetic Moments
Box 73, Folder 7	Particle Physics Notes [?] ca 1977
Box 73, Folder 8	Particle Physics/Scattering Calculations ca 1967
Box 73, Folder 9	Particle Physics/Scattering Notes ca 1968
Box 73, Folder 10	Particle Tables 1973
Box 73, Folder 11	Particle Tables, Miscellaneous
Box 74,	Parton and Hadron Collisions 1966-69 and undated
Folder Folders 1-2	
Box 74, Folder 3	Physics Reports 1973
Box 74, Folder 4	Plane waves, Dirac Case [?]
Box 74, Folder 5	$\pi \rightarrow \mu + \nu$ 1958-1960 and undated
Box 74, Folder 6	Polarization, Huygens Principle
Box 74, Folder 7	Polarons

Box 74, Folder 8	Properties of $\Psi, \Psi', ?$
Box 74, Folder 9	Properties of Matrix Elements Implied by [a(1), b(2)] 12/67
Box 74, Folder 10	Properties of the Function $\lambda(\chi) = -0f; x[\delta u/u] \times [\lambda v(1-u)]$
Box 74, Folder 11	Properties of Stretched Surfaces [?]
Box 74, Folder 12	Protons October 1976
Box 75, Folder 1	"Puzzles" File
Box 75, Folder 2	QCD 3-Dimensions + Quarks [?] 1983
Box 75, Folder 3	QCD and Partons Model 1978-79
Box 75, Folder 4	QCD and Related Notes
Box 75, Folder 5	Quantum Mechanics [?]
Box 75, Folder 6	Quarks, Effects of Widths and Energies, etc.
Box 75, Folder 7	Quark Models ca 1970
Box 75, Folder 8	Radiation Formulae/ Nuclear Interactions ca 1945
Box 75, Folder 9	Radiation of Gravitational Waves 1961
Box 75, Folder 10	Regge via Harmonic Oscillators, M. Kislinger
Box 75, Folder 11	Resonant Scattering; Astrophysical Notes and Calculations ca 1972-73
Box 76, Folder 1	Scalar Electrodynamics, Strong Coupling [?] 6 Nov 1974
Box 76, Folder 2	Singer Index Theory
Box 76, Folder 3	Solid State and Quantum Mechanics, Mexico and South America [?] ca 1971-72
Box 76, Folder 4	Spin 1/2 Leading Terms
Box 76, Folder 5	Spin Annealing ca 1983
Box 76, Folder 6	Structure of Jet
Box 76, Folder 7	Summary of A. I. Material by Lenant ca 1984
Box 76, Folder 8	Summary of Formulas for Quantum Electrodynamics ca 1950
Box 76, Folder 9	Summary of Rosenfield Table, Baryons 5/26/69
Box 76, Folder 10	Symmetries of 3 Objects 5/24/69
Box 76, Folder 11	Theoretical Ideas Used in Analyzing Strange Particles
Box 76, Folder 12	"The Qualitative Behavior of Yang-Mills Theory in 2+1 Dimensions" [published in Nuclear Physics B188, 1981]
Box 76, Folder 13	Transit of Venus
Box 76, Folder 14	Turbulence
Box 76, Folder 15	Two Component Equations
Box 76, Folder 16	Vacuum Polar: Pseudoscalar Mesons
Box 76, Folder 17	$V \mu u(\chi, \chi')$
Box 77, Folder 1	Van der Waals Scattering
Box 77, Folder 2	Von Tilberg--Software Problems, Large Scale Software Systems ca 1983
Box 77, Folder 3	Vortex Line 10/26/67
Box 77, Folder 4	WKB Theory
Box 77, Folder 5	Weak Decays
Box 77, Folder 6	Weisskopf Kuti Wave Functions 2/28/72
Box 77, Folder 7	What is Intelligence and Related Notes on Artificial Intelligence
Box 77, Folder 8	"Work on Computer" Notebook Oct 1973
Box 77, Folder 9	Yang-Mills
Box 77, Folder 10	Young Diagrams, Weak Interactions

Section VIII: Work Of Others

	Part A: Individuals, general
Box 78, Folder 1	Alfaro, Fubini and Furlan 1979, n.d.
	Preprints re Gravity
Box 78, Folder 2	Anderson, Orson L. 1965, n.d.
	Notes, photocopies, reprints
Box 78, Folder 3	Anderson, P. W. n.d.
	Preprint
Box 78, Folder 4	Barut, A. O. et al. 1984
	Reprint (photocopy) with Feynman's annotations re Dirac electron
Box 78, Folder 5	Bjorken, J. D. and Eguchi, T. 1963, 1976, 1983
	Reprints (photocopies), correspondence (J. Zmuidzinas)

Box 78, Folder 6	Blackmarr, Philip ca 1978-79 Drawings
Box 78, Folder 7	Bonic, Robert 1974 Typescript (photocopy), correspondence
Box 78, Folder 8	Botelho, Luiz C. L. n.d. Preprint
Box 78, Folder 9	Carlitz, R. and Kislinger, M. 1969 Preprint
Box 78, Folder 10	Coleman, Sidney 1975-1977 Lecture transcripts (photocopies)
Box 78, Folder 11	Dessler, A. J. 1961 Reprint with Feynman's annotations and photo re cosmic radiation
Box 78, Folder 12	Dimotakis, P. E. 1984 Reprints
Box 78, Folder 13	Dirac, P. A. M. 1931 Article (photocopy)
Box 78, Folder 14	DuMond, Jesse 1960 Reprint
Box 78, Folder 15	Einstein, Podolsky and Rosen 1935 Article (photocopy)
Box 78, Folder 16	Fadeev, L. et al. 1967, 1970-71 Articles (photocopies)
Box 78, Folder 17	Field, R. D. n.d. [Notebook:] Quark/Proton/Model RPF & RDF
Box 78, Folder 18	Field, R. D. 1974-75 Notes by Field and Feynman, preprint and reprint (photocopies) re η-η' mixing
Box 78, Folder 19	Field, R. D. 1981 Preprint
Box 78, Folder Folders 20-21	Field, R. D. Applications of Perturbative QCD (book MS) 1987 (folder 20) Typescript of Chaps. 1-3 with Feynman's annotations, correspondence; (folder 21) typescript of Chaps. 4-5 with Feynman's annotations
Box 79, Folder 1	Field, R. D. Applications of Perturbative QCD (book MS) 1987 Typescript of Chaps. 6-7, Appendix, with Feynman's annotations
Box 79, Folder 2	Field, R. D. 1978 Preprint
Box 79, Folder 3	Fox, Geoffrey 1983, n.d. Preprints with extensive annotations by Feynman, including letter to "Mr. Flynn"
Box 79, Folder 4	Fradkin, E. S. et al. 1976-78 Preprints, reprints
Box 79, Folder 5	Frey, Alexander n.d. Preprint re Hypercube
Box 79, Folder 6	Fubini, S. et al. 1985 See also: Alfaro Preprint, reprints (photocopies) re stochastics
Box 79, Folder 7	Gell-Mann, Polyakov et al. 1975-76, n.d. Typescript, reprint (photocopies) with Feynman's notes and annotations
Box 79, Folder 8	Goodstein, D. 1975, n.d. Articles (photocopies) re superfluid helium 3
Box 79, Folder 9	Groenewold, H. J. 1946-1949 Reprints
Box 79, Folder 10	Hopfield, John 1982-83, n.d. Preprints (photocopies), reprint
Box 79, Folder 11	Jackiw, Roman et al. 1976-83

	Preprints, reprint, correspondence re Yang-Mills quantum theory, gauge theories
Box 79, Folder 12	Julesz, Bela et al. 1974-81
	Reprints, correspondence re: biological cybernetics
Box 80, Folder 1	Kikuchi, Ryoichi et al. 1951, 1967, 1974
	Reprints
Box 80, Folder 2	Kosterlitz, J. and Thouless, D. J. 1972-73
	Correspondence, reprints
Box 80, Folder 3	LaBerge, Stephen et al. 1980-81
	Preprints, reprints (some photocopy) re lucid dreaming
Box 80, Folder 4	Langmuir, I. 1968
	Article (photocopy), annotated
Box 80, Folder 5	LaRue, George et al. 1977-79
	Reprints (photocopies) with Feynman's annotations, dissertation, envelope
Box 80, Folder 6	Mermin, N. D. 1981
	Article (photocopy); Feynman's notes, [1] leaf
Box 80, Folder 7	Motin, Harry Chris n.d.
	Typescript notes with Feynman's annotations; Feynman's notes, [1] leaf
Box 80, Folder 8	Nemec, Donald 1976
	Typescript report re psychic phenomena
Box 80, Folder 9	Platzman, P. et al. 1979
	Preprints, reprint
Box 80, Folder 10	Poggio, T. et al. 1976-83
	Reprints (some photocopy); Feynman's notes, [1] leaf re biological cybernetics
Box 80, Folder 11	Poltzer, H. David 1974
	Reprint (photocopy) with Feynman's annotations (138v)
Box 80, Folder 12	Poltzer, H. David 1977
	Preprint
Box 80, Folder 13	Polyakov, A. M. and Wiegman, P. B. ca 1983
	Preprint with Feynman's annotations re Goldstone bosons
	Polyakov, A. M. See also: Gell-Mann
Box 80, Folder 14	Privman, V. et al. ca 1985
	Preprint
	Reines, F. See: Vogel, P.
Box 80, Folder 15	Roshko, Anatol n.d.
	Notes, [1] leaf; photos
Box 80, Folder 16	Schwarz, John H. et al. 1980-81, n.d.
	Preprints and reprint, with Feynman's annotations re superstrings
Box 80, Folder 17	Scully, M. O. 1974
	Correspondence, preprints re superconductivity
Box 80, Folder 18	Seitz, Charles 1984-85
	Correspondence, preprints, misc re Cosmic Cube
Box 80, Folder 19	Sirri, N. n.d.
	Technical Report "Inertial Sensors"
Box 81, Folder 1	[Student notes, unidentified] 1983
Box 81, Folder 2	Sutherland, Bill 1978
	Article (photocopy) re quantum soliton
Box 81, Folder 3	t'Hooft, G. et al. 1971-72
	Articles (photocopies)
Box 81, Folder 4	Thornber, K. K. n.d.
	Preprint
Box 81, Folder 5	Thorne, Kip 1981
	Correspondence, articles (photocopies)
Box 81, Folder 6	Title, Allen 1966
	Correspondence, photos
Box 81, Folder 7	Tuan, S. F. n.d.
	Preprint

Box 81, Folder 8	Van de Snepscheut, J. n.d. Correspondence, notes
Box 81, Folder 9	Vogel, P. et al. ca 1979-81 Correspondence, typescripts, reprints; Feynman's notes, [2] leaves; misc re F. Reines, neutrino instability
Box 81, Folder 10	Walker, R. L. 1969 Reprint with Feynman's annotations
Box 81, Folder 11	Wasserburg, G. J. et al. 1977 Preprints
Box 81, Folder 12	Weinberg, Steven 1975, n.d. Preprints re bosons, symmetry breaking
Box 81, Folder 13	Weisskopf, Victor 1974-81 Preprint, reprint (photocopy)
Box 81, Folder 14	Wilson, Kenneth G. 1972 Transcript of lectures (photocopy) re QED
Box 81, Folder 15	Wilson, Kenneth G. 1975 Article (photocopy) re renormalization group
Box 81, Folder 16	Wolfram, Stephen et al. ca 1978-79 Preprints, reprints (photocopies), photos
Box 82, Folder 1	Yariv, Amnon et al. 1977-79 Reprints
Box 82, Folder 2	Zewail, Ahmed et al. 1984 Reprint, annotated Zmuidzinas, J. See: Bjorken, J.D.
	Part B: Subjects, general
Box 82, Folder 3	[From envelope:] Acceleration temperature 1976-84 Articles (photocopies)
Box 82, Folder 4	Gauge theories, supersymmetry 1972-82, n.d. Preprints, reprints; Feynman's notes on back of <i>Lancet</i> article
Box 82, Folder 5	High energy physics, misc 1968-84 Preprints, reprints, some with Feynman's annotations
Box 82, Folder 6	Holography 1979-80 Correspondence, reprints
Box 82, Folder 7	Logic 1966-69 Articles (photocopies)
Box 82, Folder 8	Low temperature physics, misc 1982 Article (photocopy)
Box 82, Folder 9	Mayan (Dresden) codex 1986 Correspondence, typescript
Box 82, Folder 10	Miscellaneous 1951-85 Preprints, reprints, articles (some photocopies)
Box 82, Folder 11	Psychic phenomena 1982 Article (photocopy) with Feynman's annotations
Box 82, Folder 12	QCD, misc 1978-82 Preprint, reprints
Box 82, Folder 13	QED, misc 1961-83 Preprints, reprints, articles (some photocopies)
Box 83, Folder 1	Russian physicists, misc 1969-81, n.d. Preprints, reprints (photocopies)
Box 83, Folder 2	Solitons 1967-76 Preprint, reprints (photocopies)
Box 83, Folder 3	Superstrings 1984-85 Preprints, reprints (photocopies) See also: Schwarz, John
Box 83, Folder 4	[Unidentified book MS, incomplete] n.d. Typescript with Feynman's annotations
Box 83, Folder 5	[Unidentified book excerpt, in German, possibly Sophus Lie] Photocopy with Feynman's annotations
	Part C: Individuals, computer-related

Box 83, Folder 6	Abelson, H. and Sussman, G. 1983 Technical report, "Structure and Interpretation of Computer Programs," with notes by Feynman, [2] leaves
Box 83, Folder 7	Bennett, Charles et al. 1973, 1985 Preprints; notes by Feynman, [1] leaf
Box 83, Folder 8	Chaitin, Gregory et al. 1965-75 Preprints re information theory
Box 84, Folder 1	Grossberg, Stephen 1982, n.d. Preprints, reprints (photocopies) re cognitive theory
Box 84, Folder 2	Hellwarth, R. W. et al. 1977-80 Reprints re optics
Box 84, Folder 3	Hewlett Packard calculator HP-28C 1987 Correspondence, documents
Box 84, Folder 4	Landauer, Rolf n.d. Preprints re physical limits of computation
Box 84, Folder Folders 5-6	MIT Artificial Intelligence Laboratory, misc
Box 84, Folder 7	Reports, working papers Mjolsness, Eric 1986 Research report, documents re networks
Box 84, Folder 8	Part D: Subjects, computer-related Artificial intelligence, misc n.d. Articles (photocopies)
Box 84, Folder 9	Cellular automata 1984-85 Articles (photocopies)
Box 84, Folder 10	Computation, misc 1953-83, n.d. Articles, preprints (photocopies) with Feynman's annotations
Box 84, Folder 11	[Unidentified typescript] re connection machine ca 1985 [3] leaves
Box 84, Folder 12	Conservative logic 1978-82 Reprint, preprint with Feynman's annotations and notes, [2] leaves
Box 84, Folder 13	Natural and artificial language 1968-77, n.d. Reprints, preprints
Box 84, Folder 14	Optical systems 1979-84 Reprints
Box 85, Folder 1	Programming ca 1981-82 Articles (photocopies)
Box 85, Folder 2	Simulated annealing 1982-84 Research reports, IBM (photocopies)
Box 85, Folder 3	Software development 1983 Typescript by R. Van Tilburg with Feynman's annotations
Box 85, Folder 4	Superconductivity 1979-84 Reprints, articles (photocopies) with Feynman's annotations
Box 85, Folder 5	Symbolic integration 1968-78 Reprints (photocopies)
Box 85, Folder 6	VLSI 1980 Preprint, reprint with Feynman's annotations
Box 85, Folder Folders 7-10	Part E: Unsolicited MSS Unsolicited MSS and correspondence 1973-87

(folder 7) A-D; (folder 8) E-G; (folder 9) H-L; (folder 10) M-Z

Section IX: Reprints And Books

Box 86	Reprints, 1939-1955
Box 87	Reprints, 1956-1966
Box 88	Reprints, 1969-1974
Box 89	Reprints, 1976-1988

Box 90

Books

Alcantara Gomes Filho, Francisco. *Física*. Sao Paulo, 1947.
 Cairns, J. et al., eds. *Phage and the Origins of Molecular Biology*. Cold Spring Harbor, 1966. [Presentation copy]
Chart of the Nuclides. General Electric, 1972. [Presentation copy]
 Gaines, Helen. *Elementary Cryptanalysis*. Boston, 1943.
 Kasten, Lloyd et al. *Gato Preto*. New York, 1947
 Morris, Duncan Andrew. "The Relativistic String in the Caltech-II Model of Hadronization and Electron-Positron Annihilation." Ph.D. Dissertation, Caltech, 1987. (with RPF annotations)
Proceedings of the Conference on the Physics of Computation. International Journal of Theoretical Physics 21:3/4, 6/7, 12, 1982.
 Review of Particle Properties. *Physics Letters* 75B:24 Apr 1978.
 Wiezell, Elsa. *Barro de Estrellas*. Buenos Aires, 1951.

Section X: Oversize

Box Oversize Box
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 Oversize Item

Certificate, letter, and membership card from Pan American Airlines, 1949
National Academy of Sciences, Diploma of Election to Fellow, 27 April 1954
Venice Nobel Prize Scroll, 5 Feb 1958
Printed matter: *Revista de Revistas*, 1972
Feynman's slide rule
"We Love You, Dick" Photograph album donated by Juliana Christy

Section XI: Supplements**Supplement 1994**

Box 91, Folder 1

Proceedings of the Conference on the Role of Gravitation in Physics, Chapel Hill, March 1957

Box 91, Folder 2

Expanded version of remarks by RPF at Conference on the Role of Gravitation in Physics, Chapel Hill, March 1957 (typescript)

Supplement 1996**Transcripts of talks**

Box 91, Folder 3

Feynman on "Viewpoint," KNXT-TV ca 1960

Box 91, Folder 4

Feynman at Far Rockaway H.S., 1960s

Box 91, Folder 5

Nobel Prize dinner, Caltech 7 Jan 1966

Box 91, Folder 6

"Ground Zero" lecture 22 Apr 1982

Box 91, Folder 6.1

"The Pleasure of Finding Things Out" BBC 1981

Physical Review

Box 91, Folder 7

Volume 74, October 15, 1948

Box 91, Folder 8

Volume 74, November 15, 1948

Box 91, Folder 9

Volume 75, May 15, 1948

Box 91, Folder 10

Volume 21, July, 1949

Box 91, Folder 11

Volume 84, November 15, 1951

Box 91, Folder 12

Volume 85, January 15, 1952

Box 91, Folder 13

Volume 90, June 15, 1953

Box 92, Folder 1

Volume 91, September 15, 1953

Box 92, Folder 2

Volume 94, April 15, 1954

Box 92, Folder 3

Volume 102, June 1, 1956

Box 92, Folder 4

Volume 109, January 1, 1958

Box 92, Folder 5

Volume 129, March 15, 1963

Miscellaneous Publications

Box 92, Folder 6

Kogut, John, and Leonard Susskind. The Parton Picture of Elementary Particles. *Physics Reports* 8C/2 (June, 1973).

Box 92, Folder 7

Particle Data Group. Review of Particle Properties. *Physics Letters* 170B (April 10, 1986).

- Box 92, Folder 8 **Megdal, Barry Bruce. "VLSI Computational Structures Applied to Fingerprint Image Analysis." Thesis, Caltech Computer Science Dept., 1983.**
- Box 92, Folder 9 **Lang, Charles Richard. "The Extension of Object-oriented Languages to a Homogeneous, Concurrent Architecture." Thesis, Caltech Computer Science Dept., 1982.**
- Supplement 1998**
- Box 93, Folder 1 **Course and lecture notes by Feynman and others, 1983, 1987-88, undated.**
Notes and problems, "Drell-Yan Kinematics," partly in Feynman's, partly in another hand (undated)
- Box 93, Folder 2 **Notes, unidentified, in Feynman's hand (undated)**
- Box 93, Folder 3 **Notes for Feynman's Physics 234b (Non-Perturbative QCD) 1983**
- Box 93, Folder 4 **Notes for Feynman's Physics 234c (Non-Perturbative QCD) 1983**
- Box 93, Folder 5 **Paper by P. Fisher with comments by Feynman, Physics 230a Fall 1987**
- Box 93, Folder 6 **Notes for Feynman's Physics 230, 3 Nov-1 Dec, 1987**
- Box 93, Folder 7 **Notes for Feynman's Physics 230, 5 Jan-2 Feb, 1988**
- Box 93, Folder 8 **Notes to a Feynman course, unidentified**
- Supplement 1999**
- Box 93, Folder 9 **Correspondence, RPF, Laurie Brown and others 1950-1951 (photocopies)**
- Additional boxes:**
- Duplicates, including 3 v. of Lectures on Physics**
- Oversize box**