

Harold Hotelling papers 4078401

This finding aid was produced using ArchivesSpace on January 14, 2025.

Description is written in: English.

Describing Archives: A Content Standard

Rare Book and Manuscript Library

Butler Library, 6th Floor Columbia University, Mail Code 1127 535 W. 114th St. New York, NY 10027 Business Number: (212) 854-5153

Fax Number: (212) 854-5153
Fax Number: (212) 854-1365
rbml@libraries.cul.columbia.edu

URL: http://www.columbia.edu/cu/lweb/indiv/rbml/index.html

Table of Contents

Summary Information	3
Biographical sketch	3
Scope and Content	2
Arrangement	2
Administrative Information	4
Controlled Access Headings	5
Collection Inventory	6
Series I: Cataloged Correspondence	6
Series II: Arranged Correspondence	7
Series III: Personal Correspondence	10
Series IV: Addresses/Memos	10
Series V: Organizations/Publications	10
Series VI: Manuscripts	15
Subseries VI.1: Works by Hotelling	15
Subseries VI.2: Works by others (by author)	17
Subseries VI.3: Chapters from Hotelling's Books	20
Series VII: Research Data	21
Series VIII: Titled Problems	21
Seris IX: Miscellaneous Problems	22
Series X: Lectures and Courses	23
Series XI: Employment and Biographical	23
Series XII: Printed Material	24

Summary Information

Repository: Rare Book and Manuscript Library

Creator: Hotelling, Harold, 1895-1973

Title: Harold Hotelling papers

ID: 4078401

ID: MS#0614

Date [inclusive]: 1910-1975

Physical 24 Linear Feet ca. 12800 items in 58 boxes

Description:

Language of the English .

Material:

Preferred Citation

Identification of specific item; Date (if known); Harold Hotelling papers; Box and Folder; Rare Book and Manuscript Library, Columbia University Library.

Biographical sketch

Harold Hotelling, 1895-1973, mathematical statistician and mathematical economist, taught at Columbia University from 1931 until he left in 1946 to establish the Institute of Statistics at the University of North Carolina at Chapel Hill. During the Second World War Hotelling did research in Columbia University's Statistical Research Group. Later he was involved in research for the Office of Naval Research at Chapel Hill. He was active in many professional organizations, especially the Institute of Mathematical Statistics.

[^] Return to Table of Contents

[^] Return to Table of Contents

Scope and Content

Correspondence, manuscripts, addresses, documents and printed materials. Correspondents include: Milton Friedman, Samuel S. Wilks, Nathan Pusey, William Proxmire, Helen M. Walker, Ray Lyman Wilbur, Alfred Cowles, 3d and Ragnar Frisch. The papers also include biographical, teaching and research materials; publications and drafts of articles and books including his study, "The Teaching of Statistics," and materials on the concept of "Hotelling's Generalized T."

Arrangement

This collection is arranged into 12 series.

Administrative Information

Publication Statement

Rare Book and Manuscript Library

Butler Library, 6th Floor Columbia University, Mail Code 1127 535 W. 114th St. New York, NY 10027 Business Number: (212) 854-5153

Fax Number: (212) 854-1365
rbml@libraries.cul.columbia.edu

URL: http://www.columbia.edu/cu/lweb/indiv/rbml/index.html

Revision Description

Legacy finding aid created from Pro Cite. EAD was imported spring 2019 as part of the ArchivesSpace Phase II migration. 2010-02-11 2019-05-20

[^] Return to Table of Contents

[^] Return to Table of Contents

Restrictions on Access

This collection is located off-site. You will need to request this material at least three business days in advance to use the collection in the Rare Book and Manuscript Library reading room.

Restrictions on Access

This collection has no restrictions.

Terms Governing Use and Reproduction

Reproductions may be made for research purposes. The RBML maintains ownership of the physical material only. Copyright remains with the creator and his/her heirs. The responsibility to secure copyright permission rests with the patron.

Immediate Source of Acquisition

Papers: Source of acquisition--Hotelling, Mrs. Harold. Method of acquisition--Gift; Date of acquisition--1985.

Ownership and Custodial History

Gift of Mrs. Harold Hotelling, 1985.

Processing Information

Papers Processed JCA/AR 1985. Processed by Henry Rowen, 1986.

Accruals

Materials may have been added to the collection since this finding aid was prepared. Contact rbml@columbia.edu for more information.

^ Return to Table of Contents

Controlled Access Headings

- Mathematical statistics
- Economics, Mathematical
- Statistics -- Study and teaching
- Wilks, S. S (Samuel Stanley), 1906-1964
- Friedman, Milton, 1912-2006
- Pusey, Nathan M (Nathan Marsh), 1907-2001

- Proxmire, William
- Wilbur, Ray L (Ray Lyman), 1875-1949
- United States. Office of Naval Research
- Institute of Mathematical Statistics
- Columbia University. Statistical Research Group
- University of North Carolina (System). Institute of Statistics
- University of North Carolina at Chapel Hill. Department of Statistics

Collection Inventory

Title/Description	Instances
Bowley, Arthur K.	box 1
Bundy, McGeorge	box 1
Cain, Harry P.	box 1
Camp, Burton H.	box 1
Cowles, Alfred, 3rd	box 1
Crane, Robert T.	box 1
Debye, Peter	box 1
Eisenhart, Luther Pfahler	box 1
Flexner, Abraham	box 1
Fisher, Irving	box 1
Friedman, Milton	box 1
Frisch, Ragnar	box 1
Glover, James	box 1
Graham, Frank P.	box 1
Graves, Lawrence M.	box 1
Kelley, Truman L.	box 1
Mayer, Joseph	box 1
Mills, Frederick C.	box 1
Odum, Howard W.	box 1
Pearson, Egon S.	box 1
Proxmire, William	box 1
Pusey, Nathan M.	box 1

Richardson, Roland George Dwight	box 1
Sachs, Alexander	box 1
Sanford, Terry	box 1
Schultz, Henry	box 1
Smith, Walter L.	box 1
Spurr, William A.	box 1
Taylor, James S.	box 1
Thompson, James S.	box 1
Van Sickle, John V.	box 1
Walker, Helen M.	box 1
Watkins, Ralph J.	box 1
Weaver, Warren	box 1
Wheeler, John A.	box 1
Wilbur, Ray Lyman	box 1
Wilks, Samuel S.	box 1
Wilson, Edwin B.	box 1

Series II: Arranged Correspondence		
Title/Description	Instances	
A Miscellaneous	box 2	
B Miscellaneous	box 2	
Barr, A.S.	box 2	
Book Binding	box 2	
Bartlett, M.S.	box 2	
Bernhard, A.	box 2	
Bose, R.C.	box 2	
C Miscellaneous	box 2	
Camp, B.H.	box 2	
Chu, J.T.	box 2	
Cochran, W.G.	box 2	
Cox, G.	box 2	

D Miscellaneous	box 2
Deming, W.E	box 2
Dwyer, P.S.	box 2
E Miscellaneous	box 3
F Miscellaneous	box 3
Factor Analysis	box 3
Fisher, R.A.	box 3
Flores, A.M.	box 3
G Miscellaneous	box 3
Ghurye, S.G.	box 3
Grubbs, F.E.	box 3
Gupta, S.S.	box 3
H Miscellaneous	box 3
Hicks, J.R	box 3
Hoeffding, W.	box 3
Hsu, P.L.	box 3
I Miscellaneous	box 3
Ito, P.K.	box 3
J Miscellaneous	box 3
K Miscellaneous	box 3
Katz, L.	box 3
Kelley, T.L.	box 3
Kendall, M.G.	box 3
King, A.K.	box 4
Koopmans, T.	box 4
Kozakiewicz, W.	box 4
Krishnaiah, P.R.	box 4
L Miscellaneous	box 4
M Miscellaneous	box 4
Madow, W.G.	box 4
Mahalanobis, P.C., 1938-1944	box 4
Mahalanobis, P.C.	box 4

Mahalanobis, Snedecor, King, Panikar	box 4
Marsaglia, G.	box 4
Mc Miscellaneous	box 4
Mittra, P.C.	box 4
Morrison, N.	box 4
Morrow, D.J.	box 4
N Miscellaneous	box 4
Neyman, J.	box 4
0 Miscellaneous	box 5
Ogawa, J.	box 5
P Miscellaneous	box 5
Passport Correspondence & Security Staff, 1953 & 1954	box 5
Peach, P.	box 5
Pfouts, W.R.	box 5
Pitman, E.J.G.	box 5
Political Letters	box 5
Preinreich, G.A.D.	box 5
Q Miscellaneous	box 5
R Miscellaneous	box 5
Robbins, H.E.	box 5
Roodkowsky, N.D.	box 5
Roy, S.N.	box 5
Rubin, E.	box 5
S Miscellaneous	box 5
Stacy, E.W.	box 5
Schuyler, G.L.	box 5
Smith, J.D.	box 5
Solomon, H.	box 5
T Miscellaneous	box 6
Thomson, G.H.	box 6
U Miscellaneous	box 6
V Miscellaneous	box 6

W Miscellaneous	box 6
Wald, A.	box 6
Wallis, W.A.	box 6
Wallis-Fry	box 6
Wolfowitz, J.	box 6
Y-Z Miscellaneous	box 6

Series III: Personal Correspondence		
Title/Description	Instances	
A-G	box 7	
H-Z	box 7	
Condolences: A-H	box 7	
Condolences: J-Z	box 7	
Memorial Letters, Material	box 7	
Christmas and Sympathy cards	box 7	

Series IV: Addresses/Memos		
Title/Description	Instances	
Address List (index cards)	box 8	
Addresses	box 8	
Mailing list for Reprints (index cards)	box 8	
Memos (notes, scratchwork)	box 8	

[^] Return to Table of Contents

Series V: Organizations/Publications		
Title/Description	Instances	
American Associations for the Advancement of Science	box 9	
AAAS Fisher Memorial Committee	box 9	
American Association of University Professors	box 9	

American Journal of Economics and Sociology	box 9
American Statistical Association	box 9
ASA Committee of Fellows - Details as to Candidates	box 9
Annals of Mathematical Statistics	box 9
American Mathematical Society	box 10
Air Force Meeting, 7 May 1963	box 10
Air Research and Development	box 10
Courant Committee	box 10
Reports and Correspondence (3)	box 10
Carnegie Corporation of New York Grants	box 11
Applicants Who Never Held These Grants	box 11
Financial Reports of Work Done Under Grants	box 11
Keppel, Dollard, Lester, Jessup (correspondence)	box 11
Past Holders of Grants	box 11
Reports	box 11
Columbia University Clairvoyance, Telepathy: Matching Distribution	box 12
Columbia University Correspondence	box 12
Columbia University Economics Department	box 12
Columbia University Fellowship and Assistantship Applications	box 12
Columbia University Funding Information and Requests	box 12
Columbia University Graduate Record Exam	box 12
Columbia University Parapsychology	box 12
Columbia University Statistical Research Grop (S.R.G.) Administration	box 12
Columbia University S.R.G Alternatives to T	box 12
Columbia University S.R.G Bombsights Atlantic City	box 12
Columbia University S.R.G. Bombsight Accuracy £1	box 12
Columbia University S.R.G. Bombsight £2	box 12
Columbia University S.R.G Charts	box 12
Columbia University S.R.G Memoranda Within Group	box 12
Columbia University Students	box 12

Econometric Society (2)	box 13
Econometrica	box 13
Elisha Mitchell Society	box 13
Ford Foundation Advisory Committee (2)	box 13
General Electric Company	box 13
Havard University Ad Hoc Committee	box 13
Institute for International Education	box 13
Institute of Mathematical Statistics, To Dec. 31, 1941	box 14
Institute of Mathematical Statistics Agendas	box 14
Institute of Mathematical Statistics Committee on History of Statistics	box 14
Institute of Mathematical Statistics Committee on Teaching and Placement of Statisticians Correspondence (4)	box 14
Institute of Mathematical Statistics Draft for National Roster Organization	box 14
Institute of Mathematical Statistics Organization	box 14
I.M.S Committee on the Teaching of Statistics Correspondence	box 15
I.M.S Committee on the Teaching of Statistics Memoranda	box 15
I.M.S Committee on the Teaching of Statistics Memoranda/ Correspondence	box 15
I.M.S Committee on the Teaching of Statistics Pre-1944	box 15
I.M.S Committee on the Teaching of Statistics Proposals for Statistical Institute, Columbia University	box 15
I.M.S Committee on the Teaching of Statistics Report, 1947	box 15
I.M.S Committee on the Teaching of Statistics Reports (2)	box 15
I.M.S Committee on the Teaching of Statistics Southern Regional Education Board	box 15
Institute National D'Etude du Travail	box 16
Institute for Research in Social Science (2)	box 16
Institute of Statistics	box 16
International Congress of Mathematicians	box 16
Inter-American Statistical Institute	box 16
International Encyclopaedia of Social Sciences	box 16
International Statistical Institute (2)	box 17

International Statistical Institute Conference, 1960	box 17
International Statistical Institute Conference, 1961, 1967	box 17
Journal of the American Statistical Association	box 17
National Academy of Sciences	box 17
National Recovery Administration	box 17
National Science Foundation	box 17
Personnel Journal	box 17
Princeton Bicentennial: Problems of Mathematics, Dec. 1946	box 17
U.S. Office of Naval Research Appointments	box 18
U.S. Office of Naval Research Contract and Renewal Applications	box 18
U.S. Office of Naval Research Correspondence	box 18
U.S. Office of Naval Research European Trip, 1953	box 18
U.S. Office of Naval Research European Trip, 1957	box 18
U.S. Office of Naval Research Finances and Plans	box 18
U.S. Office of Naval Research Miscellaneous	box 18
U.S. Office of Naval Research Operating Rules	box 18
U.S. Office of Naval Research Personnel	box 18
U.S. Office of Naval Research Problems	box 18
U.S. Office of Naval Research Reports, 1947-52	box 19
U.S. Office of Naval Research Reports, 1953-1959	box 20
U.S. Office of Naval Research Miscellaneous	box 20
U.S. Civil Service Commission	box 21
U.S. Office of Scientific Personnel	box 21
Watumull Foundation	box 21
Publishers	box 21
Statistical Organizatons Meetings, Conferences	box 21
University of North Carolina Administrative Transportation	box 22
University of North Carolina Advisory committee	box 22
University of North Carolina Appointments	box 22
University of North Carolina Book Exchange	box 22
University of North Carolina Budget: general, 1946 & 1947	box 22

University of North Carolina Budget: general, 1947-1951	box 22
University of North Carolina Correspondence	box 22
University of North Carolina Courses, 1948 & 1949	box 22
University of North Carolina Department Meetings	box 22
University of North Carolina Departmental Reports	box 22
University of North Carolina European Trips, 1951 & 1953	box 22
University of North Carolina Fellowship Information and Correspondence	box 22
University of North Carolina Fellowship and Assistantship Applications, 1956	box 22
University of North Carolina Graduate Council and Administrative Board	box 22
University of North Carolina Grad. S-Z	box 23
University of North Carolina Grad Students	box 23
University of North Carolina Graduate Programs for Statistics Majors, Regional Conference on Statistics. R, VA	box 23
University of North Carolina Mathematical Statistics, Applications for Graduate Appointment, 1948	box 23
University of North Carolina Memoranda	box 23
University of North Carolina Miscellaneous Directories	box 23
University of North Carolina New Building	box 23
University of North Carolina North Carolina State College, 1941	box 23
University of North Carolina Offices and Office Furniture	box 23
University of North Carolina PhD Candidates	box 23
University of North Carolina Publicity	box 23
University of North Carolina Publicity - Future	box 23
University of North Carolina Sabbatical Leave	box 23
University of North Carolina Salary Policies	box 23
University of North Carolina Statistics Department	box 23
University of North Carolina Statistics Department Directories	box 23
University of North Carolina Statistics for Students Outside Regular Graduate Group	box 23
University of North Carolina University Research Funds	box 23
University of North Carolina War Problems	

	box 23
University of North Carolina Working Rules	box 23
University of North Carolina Statistics Colloquium	box 24
University of North Carolina Correspondence	box 24
University of North Carolina Institute of Statistics, 1945, 1946 and earlier	box 24
University of North Carolina Air Force - Design of Experiments	box 24
University of North Carolina Air Force - Multivariate	box 24
University of North Carolina Army Air Force Problems	box 24
University of North Carolina Cloud Seeding	box 24
University of North Carolina Early Planning	box 24

Series VI: Manuscripts	
Subseries VI.1: Works by Hotelling	
Title/Description	Instances
Analysis of a Complex of Statistical Variables in Prinical Components	box 25
The Behavior of Some Standard Statistical Tests Under Non-Standard Conditions	box 25
Causes of Birth Rate Fluctuations	box 25
Correlation	box 25
The Correlation Coefficient and Its Transformations: A New Look	box 25
Cycles and Forecasts	box 25
Depreciation	box 25
Different Meanings of Experimental Design	box 25
Dr Perters' Criticism of Fisher's Statistics	box 25
Econometric Paper No. 19-B	box 25
Effect of a Tax on the Price of an Isolated Monopolized Article	box 25
The Efficiency of the Sample Median	box 25
Fitting an Mixture of Two Univariate Normal Distributions by the Method of Moments	box 25

Future Research Workers Need Mathematics Now	box 25
A Generalized T Measure of Multivariate Dispersion	box 25
The General Welfare, to 1938	box 25
The Impact of R.A. Fisher on Statistics	box 26
Mathematical Economics	box 26
The Mathematical Training of Social Scientists	box 26
The Measure of the Hypersphere and Its Interior	box 26
Memorandum on the Science of Statistics	box 26
The Moments of the Sample Median	box 26
The Moniac	box 26
More Research Needed Here	box 26
The Most Predictable Criterion	box 26
Multivariate Analysis	box 26
Multivariate Methods on Testing Complex Eqipment	box 26
Multiple Partial Correlation	box 26
New Light on the Correlation Coefficient and Its Transforms	box 26
New State Tax	box 26
Note on Matric Theorem of A. Craig	box 26
On the Nature of Supply and Demand Functions, et al	box 26
The Place of Statistics in the University	box 26
Problems of Prediction	box 26
Professor I. Fisher's Proposed Income Tax Revision	box 26
Prosperity Through Increased Production	box 26
Rank Correlations, etc, 1935 & 1936	box 26
Relations Between Two Sets of Variates, 1936	box 26
Relations of the Newer Multivariate Statistical Method to Factor Analysis	box 26
H. Schultz as Economist	box 27
Sir Ronald Fisher 1890 - 1963, the Early Years	box 27
Some Mathematical Contributions to Economics, (Max.Min.)	box 27
Some New Methods in Matrix Calculation	box 27

Haroid Hotelini	g papers 40/0401
Statistical Inference(2)	box 27
Statistical Theory	box 27
Stochastic Processes and Difference Equations	box 27
Summary of the Scientific Activity of G. Leti	box 27
Tubes in n-space	box 27
Utility Functions and Applications	box 27
Why We Have the Two-Party System	box 27
Subseries VI.2: Works by others (by author)
Title/Description	Instances
Agricultural Economics (Conference)	box 28
Allais, M.	box 28
American Standard Association	box 28
Anderson, T.T.	box 28
Army Air Force Training Command	box 28
Atchinson, W.F.	box 28
Bain	box 28
Bargman, R	box 28
Bechhofer, R.E. et al	box 28
Berger, A. and Gold, R.	box 28
Bowker, A.	box 28
Bradley, R.A. and Terry, M.E.	box 28
Brown, F.F. and Masket, A.V.	box 28
Byl, A.	box 28
Carlson, J.L.	box 29
Chacko, G.K.	box 29
Churchman, C.W.	box 29
Committee on the Teaching of Statitics	box 29
Cowan, T.A.	box 29
Cowles, A.	box 29
Crutcher, H.L.	box 29
Debreu, G.	box 29

Demand for Related Goods

box 29

Divisia, F.	box 29
Dorfman, R.	box 29
Dugue, D.	box 29
Duncan, D.B.	box 29
Emmons, H.W.	box 30
Eyraud, D.H.	box 30
Fand, D.I.	box 30
Frankel, L. and Stock, J.S.	box 30
Freeman, H.	box 30
Frisch, R.	box 30
Furbush, M.	box 30
Geisser, S.	box 30
Halperin, M.	box 30
Hamilton, C.H.	box 30
Hildreth, C.	box 30
Hoeffding, W.	box 30
Horton, W.H.	box 30
Houthakker, H.S.	box 30
Hunter, J.S.	box 30
Hutt, W.H.	box 30
Ihm, P.	box 30
Institute of Statistics	box 30
Johnson, R.B.	box 31
Jones, L.K.	box 31
Kaiser, H.F.	box 31
Kempthorne, 0.	box 31
Kettenring, J.R.	box 31
Kimball, B.F.	box 31
Koopmans, T.	box 31
Latane, H.A.	box 31
Location of Competitors	box 31
Lord, F.M.	box 31

Lucas, H.L.	box 31
Lum, Mary D.	box 31
McKenzie, L.W.	box 31
Meany, G. and Thomas, R.J.	box 31
Mudgett, B.D.	box 31
Morrison, D.F.	box 31
Morrison, N. (2)	box 32
Morrow, D.J.	box 32
Murthy, V.K.	box 32
National Research Council	box 32
N.Y. State Public Service Commission	box 32
Nicholson	box 32
Ogawa, J. (2)	box 32
Olkin	box 32
Payne, L.E. et al	box 32
Pfouts, R.W.	box 32
Price, D.O.	box 32
Roodkowsky, N.D. and Thorndike, R.L. (5)	box 33
Roy, S.N.	box 33
Simon, H.A	box 33
Sistani, M.	box 33
Smith, W.L.	box 33
Social Science Research Council	box 33
Southern Bell Telephone & Telegraph Co.	box 33
Stacy, E.W.	box 33
Stein, C.	box 33
Stuart, A.	box 33
Tufts College	box 33
Uspensky, J.V.	box 33
Wald, A.	box 33
Walker, V.W.	box 33
Wilks, S.S.	box 33

Williams, E.	box 33
Wilson, E.B.	box 33
Yang, Chung-How	box 33

rang, Chung-now	υох ээ
Subseries VI.3: Chapters from Hotelling	s's Books
Title/Description	Instances
Chapter 1 (5): (drafts and research)	box 34
Chapter 2 (2)	box 35
Chapter 3	box 35
Chapter 4	box 35
Chapter 5	box 35
Chapters 5-7	box 35
Chapter 6	box 35
Chapter 7	box 35
Chapter 9 (3)	box 36
Chapter 10 (2)	box 36
Chapters 11-12	box 36
Chapter 11 (3)	box 36
Chapter 12	box 37
Chapter 13 (3)	box 37
Chapter 14 (2)	box 37
Chapter 15	box 37
Chapter 16 (2)	box 38
Chapter 17	box 38
Chapter 18	box 38
Chapter 19	box 38
Chapter 20	box 38
Chapter 21 (2)	box 39
Chapter 22	box 39
Chapter 23	box 39
Chapter 24 (2)	box 39
Chapters 25-26	box 39
Miscellaneous 1 - Least Squares (2)	box 39

Miscellaneous (2-5)	box 39
Reference for books	box 40
Bibliographies	box 40
Corrections	box 40
Footnote References	box 40

Series VII: Research Data	
Title/Description	Instances
Agriculture I, II, III, IV	box 41
Building Industry	box 41
Correlation Research, 1953	box 41
Experimental Determination	box 41
Experiments in Coin Tossing	box 41
Hip Girth and Stature	box 41
Miscellaneous	box 41
Rare Mathematical Notes	box 41
Seattle Elections Data, 1910-1919	box 41
T2	box 41

Series VIII: Titled Problems	
Title/Description	Instances
Accelerated Iterative Calculation of Principal Components Analysis into Principal Components	box 42
Analysis into Principal Components:1) Unpublished material ;1) Calculations ;1) Meetinf in December 1931 of Unitary Traits Committee	box 42
City Planning	box 42
Comparison of Two Tetrachoric Tables	box 42
Correlation with Incomplete Data	box 42
Couchy Distribution, esp	box 42

Calculations Relating to: "Differential Equations and Population Estimates" 1927	box 42
Carious Teeth and Pregnancy, 1934	box 42
Discriminant Functions	box 42
Distributions of Quadratic Forms (2)	box 42
Effects of Non-Normality	box 42
Exploitation of Irreplaceable Assets	box 42
Least Squares Problems of Col. Wm. F. Bark	box 42
Manifolds of Orthagonal ennuples	box 43
Methods of Matric Calculation (3)	box 43
Multiple R	box 43
Multivariate Analysis	box 43
Multivariate Periodogram Analysis	box 44
Multivariate Analysis of Variance	box 44
Population Problems	box 44
Sampling Errors of Trends	box 44
Selection of Predictors	box 44
Spaces of Statistical Parameter	box 44
Tinter, G. Various problems	box 44
The Transformation of Statistics	box 44
Truncated Normal Distributions	box 44
Volume of a Thin Tube in a Curved Space	box 44

[^] Return to Table of Contents

Seris IX: Miscellaneous Problems

Scope and Contents

And 1 oversize folder

Title/Description	Instances
Miscellaneous Problems, 1923-1965	box 45
Unsolved Problems	box 45
Miscellaneous Problems, undated	box 45

Physical Description: (2)

Title/Description	Instances
Lectures by Hotelling	box 46
Lectures by Hotelling: Economics of Obsolescence and Research	box 46
Lectures (by others) (2)	box 46
Advanced Mathematical Economics	box 47
Advanced Mathematical Statistics	box 47
Approximation Techniques	box 47
Correlation, Contingency and x2	box 47
Determinants and Matrices	box 47
Least Squares and Time Series	box 47
Least Squares and Time Series - Exams	box 47
Mathematical Economics (3)	box 48
Mathematical Theory of Probability and Statistics	box 48
Statistics	box 48
Statistical Inference, 1927	box 49
Statistical Inference	box 49
Statistical Inference - Exams	box 49
Stochastic Process	box 49
Theses	box 49
Time Series Analysis	box 49
Exam Questions	box 49
Grade Reports	box 49
Photographs of Students	box 49

[^] Return to Table of Contents

Series XI: Employment and Biographical	
Title/Description	Instances

Harold Hotelling papers 4078401

Employment Opportunities	box 50
Misc. Personnel Problems	box 50
Prospective Personnel	box 50
Refugees and Other Europeans (wanting jobs)	box 50
Research Men in Stochastic Process	box 50
Secretarial Prospects	box 50
Students and Ex-Students Wanting Jobs	box 50
Certificates	box 51
Biographical materials	box 51
Clippings	box 51
Financial/Personal	box 51
Passports and secutiry clearance	box 51

Series XII: Printed Material	
Title/Description	Instances
Works by Hotelling	box 52
Works by Hotelling	box 53
Works by other authors	box 54
Works by other authors	box 55
Works by other authors	box 56
Works by other authors	box 57
Works by other authors	box 58

[^] Return to Table of Contents