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Liberal Arts and Sciences  
Mathematics  
Lee A. Rubel Papers, 1945-2001

Box 1:

Biographical Information

Vita, 1987  
Vita, 1991  
Vita, 1994  
Bibliographies, 1986, 1989, 1994  
Personal Notes, 1983-84, 1993  
Personal Notes, 1985  
Memorials and Obituaries, 1995

Course Materials

Grades, 1964-79  
Grades (Gradebooks), 1958-59, 1964-72  
Grades (Gradebooks), 1973-81, 1981-87, 1983, 1988-89  
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Lectures, "Entire Functions," Math 445, Spring, 1962-63  
(2 Folders & 2 Bound Copies)  
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Exam Problems, (handwritten drafts)

Lecture Notes

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ALGALL, 1983  
ALGGAP, Lecture, 1983  
Bedrock, 1983  
Boshru Lecture  
CAS "Future," 1989-90  
Colloquium at Arizona State University, 1989-90  
DA Runge, 1985-86  
Differentially Cyclic & Autonomous Functions, De Paul, 1989-90  
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"Extraordinary" Lectures, 1984  
EXTSEP, 1986  
FAMA, 1989  
How Fast Can A Function Grow?  
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Indianapolis, 1991  
Iowa Lectures, 1983  
Ithaca, Conference Lecture  
Loomis Lecture, 1989  
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MRC Spline Lecture, 1984

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 New Tensor  
 Philosophy Lecture on ADEs, 1983  
 Post-Tensor, 1986  
 Pre-Harmonic, 1986  
 Q-Sohn IV, 1989  
 Rungiad-Translation of Poles, 1986  
 Siskakis PLOO, 1982-83  
 Tensor Lecture, 1986  
 Time Universal, 1983, 1986  
 Universal Beckman, 1989

Lecture Audio Tapes

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 tape, 1970

Publications

1957, 1960, 1963-64, 1966-70  
 1974  
 1975-78  
 1979-83

Box 2:

1984-86  
 1987-88  
 1991-92  
 1993-95  
 Reviews of Complex Analysis, 1985  
 Publication Notes, 1980

Unpublished Manuscripts

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 "Explicit Solution of the Eikonal and Related Equations by a Method of Quasi-Solutions,"  
 ca. 1987  
 "Normal Families of Meromorphic Functions In Several Variables"  
 Problems for the Monthly  
 "The Ring of All Holomorphic Functions on a Region is Not Isomorphic to any Ring of  
 Differentially Algebraic Functions"  
 "Solipsism, Nonadology and Algebraic Differential Equations," 1984  
 "Survey of a Fournier Series Method for Meromorphic Functions," 1973  
 "Uniform Approximation by Splines of Polynomials and of Entire Functions," 1974  
 Three Unpublished Manuscripts, 1986

Algebraic Differential Equations-Research Problems, (5 unpublished papers)

Research Materials

- Bibliographies
- Bibliographies, 1986
- Book on Entire Functions
- A Palimpsest on the Electronic Analog Art, 1955 (2 Folders)

Research Notes

- 1965, 1967, 1971-76, 1980-81, 1983-85 (2 Folders)
- 1983-91
- 1985-87
- 1989-90
- ca. 1993

Research Notebooks

- Pot Theory
- Quotations
- Problem Notebook, 1984
- Math Notes, 1983
- Notes, ca. 1979-80
- Mathematics Papers, Books, Problems, 1972
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Box 3:

- Notebook, 1956-63
- Datebook, 1955

Thesis Students

- Clinton W. Kennell, 1970
- Vichian Laohakosol, 1983
- Richard M. Timoney, 1978
- Subramanian Venkateswaran, 1972-73

Pocket Calendars

- July 1977 - December 1978
- January 1979 - December 1990

Box 4:

January 1991 - April 1995

## Correspondence

Oliver Aberth, 1981  
Shreeram Abhyanker, 1976-82  
Jose L. Abreu, 1975-76  
Academic Press, 1974-77  
Lars Ahlfors, 1968-82  
Air Force Office of Scientific Research, 1970-71, 1983 (2 folders)  
E. J. Akutowicz, 1971-77  
SUNY at Albany, 1980  
Herb Alexander, 1984  
W. R. Allaway, 1977  
Daniel Alpert, Center for Advanced Study, UIUC, 1979  
Eric Amar, 1979-81  
American Mathematical Monthly, Unsolved Problems, 1977-86, 1989  
William F. Ames, 1980-81  
American Mathematical Society (AMS), 1970-84  
S. K. Anand, 1979, 1983-84  
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Aldo Andriotti, 1972  
Stuart Amtman, 1979, 1986  
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Eric Bedford, 1980  
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Chuck Belna, 1976-77  
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Robert D. Berman, 1982-83  
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Errett Bishop, 1961, 1972-73  
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Andreas Blass, 1990  
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Ralph P. Boas, 1966, 1970, 1977-79, 1983  
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Bill Boone, 1971, 1985  
Itshak Borosh, 1977  
Lancelot Bosanquet, 1970  
Michael Boshernitzan, 1981-88 (2 folders)  
Karen Bracken, 1971  
Bob Brandt, 1983-84 (2 folders)  
Bob Brandt, Research Board Application, 1984  
David A. Brannan, 1973, 1975-76, 1979  
George Brauer, 1972, 1977  
John W. Briggs, 1979  
Felix Browder, 1982  
James E. Brennan, 1981  
Larry Brown, 1975, 1980-81  
Leon Brown, 1973-81  
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Richard K. Brown, 1968

Box 5:

W. Dale Brownwell, 1981  
Andrew M. Bruckner, 1983-88 (3 folders)  
R. Creighton Buck, 1967, 1969, 1972-73, 1978-81, 1984  
J. D. Buckholtz, 1969-76  
Huy-Quy Bui, 1989  
Jacob Burbea, 1981  
Robert B. Burckel, 1972, 1974, 1984-85

D. Burkholder, 1977  
Herbert Busemann, 1978  
Eugenio Calabi, 1981  
Alberto P. Calderon, 1972, 1981  
William H. Calvin, 1983-84  
Douglas Campbell, 1979  
Canary-Israel trip, 1987-88  
G. T. Cargo, 1970  
Lennart Carleson, 1967-70  
Leonard Carlitz, 1975, 1983  
George F. Carrier, 1986  
Frank Carroll, 1971-72, 1974, 1978, 1983-84, 1986, 1988  
Afton H. Cayford, 1969-72, 1973, 1975  
Center of Advanced Studies, UIUC, 1979, 1981, 1988  
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Paul Chauveheid, 1971  
Ward Cheney, 1974, 1979, 1987  
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Charles Chui, 1971, 1978-80  
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James B. Cooper, 1967-69, 1970, 1977  
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P. K. Das, 1980  
Kenneth R. Davidson, 1978, 1983  
A. M. Davis, 1970-71  
P. J. Davis, 1979, 1989

Kenneth Dawson, 1984  
Lokenath Debnath, 1978, 1982, 1983, 1987  
James A. Deddens, 1972  
Karel DeLeeuw, 1969, 1972  
Charles Delzell, 1983  
W. E. (Gene) Deskins, 1968, 1971, 1984  
Harold G. Diamond, 1970, 1978, 1980  
Doug Dickson, 1978, 1979, 1985  
Sean Dineen, 1978  
J. Diximer, 1967  
J. L. Doob, 1974  
Leonard Dor, 1979  
Milos Dostal, 1974  
Steve Dragosh, 1977  
David Drasin, 1973, 1978, 1980, 1985  
Jim Drouilhet, 1974  
Ed Dubinsky, 1965, 1979  
Richard J. Duffin, 1981, 1988  
Peter L. Duren, 1971, 1974-76, 1978-79  
Dzrbasjan, 1978  
East Coast Trip, December, 1979  
A. Edrei, 1967, 1971  
Robert E. Edwards, 1971, 1974  
Leon Ehrenpreis, 1967, 1975, 1979  
Errata for the "Report of the Insitute in the Theory of Numbers"  
Paul Erdős, 1972, 1973, 1977, 1979, 1981  
Alexander Eremenko, 1983, 1986, 1988-90 (2 folders)  
Dan Eustice  
Ronald Evans, 1973  
John Ewing, 1982-83, 1991 (2 folders)  
Doyn Farmer, 1983  
Robert P. Feinerman, 1978  
A. Figa-Talamanca, 1979  
Michael Filaseta  
Steve Fisher, 1969, 1971-73, 1976, 1980, 1984, 1986, 1990  
Harley Flanders  
Leopold Flatto, 1964, 1966-67  
T. M. Fleet, 1970, 1976  
Michael Fleiss, 1987  
Ciprian Foias, 1980  
Frank Forelli, 1969-70, 1977, 1984-85, 1987  
John E. Fornæss, 1978-79

Foundation, UIUC, 1976, 1979  
Aviezri S. Fraenkel, 1971  
Freeze (Sane-Freeze Committee - Bill Sleator), 1989  
Michael D. Fried, 1975, 1978  
Wolfgang H. J. Fuchs, 1968-73, 1988  
Bent Fuglede, 1981  
Harry Furstenberg, 1972-73, 1976  
M. C. Gaer, 1973  
Dieter Gaier  
Ted W. Gamelin, 1968, 1970, 1973-74, 1976, 1979-80  
Paul Garabedian, 1986  
John B. Garnett, 1968, 1972, 1975, 1979  
Hillel Gauchman, 1986-88, 1991  
Paul Gauthier, 1974, 1976-77, 1980  
Fred W. Gehring, 1968, 1973-74, 1976, 1979  
Robert Gervais, 1979-80  
Robert Gethner, 1985-86, 1991  
Samuel Gitler, 1979  
Irving Glicksberg, 1980-81  
Michael Goldberg, 1980  
Richard R. Goldberg, 1974  
"gold form," 1982-84, 1987 (2 folders)  
Myron Goldstein, 1981  
H. W. Gould, 1978  
M. Seetharama Gowda, 1986  
K. N. Gowrisankarn, 1978-80  
Phillip A. Griffiths, 1980  
Fred Gross, 1981, 1985, 1989  
Stephen Grossbreg, 1984  
E. Grosswald, 1975, 1979-80  
V. Guillemin, 1980  
Gary Gundersen, 1975-80, 1986, 1990  
R. Gunning, 1972  
Reuben Gurgvic, 1982-83, 1985-87  
Y. Gurevich, 1980  
Richard Guy, 1980  
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Paul R. Halmos, 1975, 1979-80, 1983  
Joseph Hardy, 1989  
Leo Harrington, 1978-79  
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Morisake Hasumi, 1971-73, 1980-81



V. P. Havin, 1967  
Walter K. Hayman, 1972, 1977, 1989  
Dennis Hejhal, 1980  
William Helton, 1981  
W. Hengartner, 1978  
Wilhelm Hennekemper, 1976  
Douglas Hensley, 1986

Box 6:

C. Ward Henson, 1973-76, 1979, 1980-86, 1988-89, 1992 (3 folders)  
Felix E. Herrera, 1973  
William R. Hintzman, 1973  
Kurt Hirsch, 1967  
I. I. Hirschman, Jr., 1972  
E. Hlawka, 1970  
Mel Hochster, 1979  
Lothar Hoischen, 1979  
Finbarr Holland, 1978, 1980  
John Horvath, 1976, 1980  
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Paul Humke, 1976, 1980  
James S. Hwang, 1981, 1984  
IAS (Institute for Advanced Study), 1974, 1980  
Illinois State Academy of Science, 1981-82  
University of Illinois, 1967, 1969-77, 1980-84, 1987-88, 1991  
Indiana University Math Journal, 1979  
Iran 1992 (Annual Iranian Mathematics Conference), 1991-92  
John Isbell, 1973, 1975, 1978  
Takeshi Ito, 1978  
Atle Jackson  
Erik Jacobsson  
James Jenkins, 1976  
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Meyer Jerison, 1975  
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Jobs, 1977, 1982-83  
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T. Kaczynski, 1969  
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V. Kasten, 1977  
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William E. "Britt" Kirwan, 1978-81  
B. Kjellberg, 1968  
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Igor Kluvanek, 1973-74, 1979  
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Paul Koosis, 1974  
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Gregers Krabbe, 1978, 1985  
Steve Krantz, 1988  
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Eric Kronstadt, 1974, 1977  
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Ü. Kuran, 1977  
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Philip Laird, 1973, 1977  
T. Y. Lam  
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J. Leray, 1966  
Letters of Reference, 1980-83, 1986  
Alain Lewis, 1985  
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Leonard Lipshitz, 1982-86, 1988-89 (2 folders)  
Peter Loeb  
G. G. Lorentz, 1981  
Heinrich Lotz, 1976, 1979, 1987-88  
Daniel Loecking, 1975-82, 1990  
Charles Luning, 1978  
Donald Lutz (University of Wisconsin, Madison), 1974, 1980  
W. A. J. Luxemburg, 1967, 1969, 1978, 1980  
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Paul Malliavin, 1969, 1971, 1977-80, 1982  
Morris Marden, 1967, 1971  
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Donald Marshall, 1980, 1983  
D. A. Martin, 1978  
A. Martineau, 1962  
Pesi R. Masani, 1970  
Mas'ja, 1983  
Maryland HP (Special Year in Complex Analysis), 1985  
Math Reviews, 1984-85  
Carlton Maxon, 1979  
Mike McAsey, 1982-83  
Curruth McGehee, 1969, 1978  
Walter Scott McVoy, 1978  
Tom A. Metzger, 1968, 1972, 1974, 1976, 1979, 1983  
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James W. Moeller, 1980

Deane Montgomery, 1974  
 Hugh Montgomery, 1970, 1974-75, 1979  
 Elliott W. Montroll, 1980  
 Calvin C. Moore, 1982  
 Larry Morley, 1980  
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 Jan Mycielski, 1981, 1983-84, 1986, 1988  
 John Myhill, 1981  
 Alex Nagel, 1978  
 B. Nagy, 1982  
 Named Lectures Committee, 1985-86, 1988  
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 Raghavan Narasimhan, 1972, 1976, 1979

Box 7:

National Academy of Sciences  
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 Zeev Nehari, 1968-71  
 Anil Nerode, 1980-81, 1985  
 John W. Neuberger, 1981  
 Neuroscience Center Proposal, 1987  
 F. Neuman, 1988  
 C. W. Neville, 1985  
 Newfoundland, 1982  
 Donald J. Newman, 1970, 1972-75, 1978-79, 1984  
 Wei-Ming Ni, 1981  
 Harry Niederreiter, 1969-70, 1973-74, 1981  
 N. Nikolskii, 1978  
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 Katsuyuki Nishimoto, 1975  
 M. Noverraz, 1967, 1969  
 National Security Agency Mathematical Sciences Program, 1990  
 Daniel M. Oberlin, 1975-76  
 Oberwolfach Problem  
 Robert Oehmke, 1983  
 Anthony G. O'Farrell, 1975-76, 1978, 1981, 1989  
 Ohio State University, 1978  
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 Robert Olin, 1981  
 Charles Osgood, 1981, 1987  
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Mitsura Ozawa, 1980  
Richard Palais, 1979, 1986  
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Wayne Patty, 1973  
Tenney Peck  
Jack Peetre, 1983  
William Pell, 1973, 1978  
Aleksandr Pelczynski, 1972, 1976  
J. W. Peltason, 1968, 1975  
John Pesek, 1976  
Klaus Peters, 1979  
T. Pheidas, 1989  
Robert R. Phelps, 1969  
W. Philipp  
Ralph S. Phillips, 1969  
Philosophy, 1977-78  
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Allan Pinkus, 1981  
Francois Lust-Piquard, 1977-79  
George Piranian, 1968-69, 1971, 1973-74, 1976  
Charles Pisot, 1969, 1979  
Everett Pitcher, 1972, 1976  
University of Pittsburgh, 1971  
Poland (Conference on Analytical Functions), 1982  
Harry Pollard  
Carl Pomerance, 1979-81  
Christian Pommerenke, 1975-76, 1985  
M. Pomniesz  
Stanley J. Poreda, 1972-73, 1975, 1978  
Marion B. Pour-El, 1980-81, 1984-85, 1988  
Carl Prather, 1982  
Princeton University, 1967-68  
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C. R. Putnam, 1971, 1979  
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Alladi Ramakrishnan, 1967, 1969  
M. Rajagopalan, 1976  
Donald Ramirez, 1972  
J. P. Ramis, ca. 1978  
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A. R. Reddy, 1966, 1975-76  
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Axel Reich, 1986  
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H. L. Reshikoff, 1983  
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Peter Reynolds, 1976-77  
Bruce Reznick, 1980-81, 1984, 1988  
Ian Richards, 1980-81  
Stuart Vyse, 1985  
H. E. Richert, 1966  
David Richman, 1983-85  
Charles E. Rickart, 1974  
March Rieffel, 1981  
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C. A. Rogers, 1972, 1977  
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M. Rosenlicht, 1983  
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Elemér E. Rosinger, 1985, 1987  
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Ranjan Roy, 1985  
Lee A. Rubel, 1969, 1974, 1978, 1982, 1985, 1989  
    CAS (Center for Advanced Study) Application, 1980  
Rubel Megillah Short Form  
L. Rubel, A. Schinzel, H. Tverberg Collaboration, 1975, 1978-79  
Jean Rubin, 1970, 1980  
Mary Ellen Rudin, 1972-73, 1978  
Walter Rudin, 1967, 1969-70, 1972, 1974, 1976-80, 1984  
John Ryff, 1968-70  
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Jorge Sanz  
Donald Sarason, 1966, 1969, 1971-73, 1978, 1980, 1983  
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John Schlipf, 1979  
Georg Schmidt, 1984  
Wolfgang M. Schmidt, 1972-74, 1988  
F. J. Schnitzer, 1983  
Glenn Schober, 1979-81, 1983  
Paul Schupp, 1978, 1982  
Jerry Schuur, 1968  
Brian M. Scott, 1973  
Second Fundamental Theorem  
Select Committee on a Promotion Appeal, 1979-80  
George R. Sell, 1980  
Stephen Semmes, 1985  
Jean-Pierre Serre, 1983  
Arjen Sevenster, 1982  
S. M. Shah, 1983  
Daniel B. Shapiro, 1990  
Harold S. Shapiro, 1964, 1969-71, 1975-76, 1980-81  
Joel Shapiro, 1970, 1972, 1980  
John K. Shaw, 1976, 1980  
Dan Shea, 1971, 1974, 1983  
Isador M. Sheffer, 1985  
Dan Sheingold, 1985

Don R. Sherbert  
 University of Sherbrooke, 1979  
 Allen L. Shields, 1969-74, 1979-80  
 Oved Shisha, 1975, 1981  
 A. A. Shkalikov, 1980  
 Y. Sibuya 1989  
 Jamil Siddiqi, 1972, 1979  
 R. Siddiqi, 1978, 1982-83  
 Stuart Sidney, 1976  
 Annette Sinclair, 1980-81  
 I. M. Singer, 1980-81  
 Michael Singer, 1983-84, 1986-89 (2 folders)

Box 8:

U. N. Singh, 1970, 1973  
 Aristomenes Siskakis, 1981-83  
 Joel Smoller, 1985  
 C. Smorynski, 1981  
 Herbert Snyder, 1980-81  
 Linda Sons, 1977, 1981  
 Jerome Spanier, 1974  
 Joel Spencer, 1972  
 R. Spigler, 1980-81  
 Springer-Vorlag Publishers, 1979, 1981, 1984-85, 1987-92  
 William A. Squires, 1977, 1979-81  
 E. P. Starke, 1975  
 David Stegenga, 1975  
 Elias Stein, 1968, 1978, 1980, 1982-83  
 J. Steinig  
 Norbert Steinmetz, 1980  
 Kenneth Stepaenson, 1977-79, 1981  
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 Wilhelm Stoll, 1966, 1980-82  
 E. L. Stout, 1972, 1979  
 Ernst G. Straus, 1967, 1972-73  
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 Carl Sundberg, 1978  
 Allen Swett, 1975  
 P. Tamrazov, 1974



Angus E. Taylor, 1962  
B. A. Taylor, 1964-65, 1967-81, 1984 (2 folders)  
Gerald D. Taylor, 1970  
Joseph L. Taylor, 1970  
Teaching, 1978  
Texas A & M, 1978-79  
Thai Association Directory, 1982  
Ed Thomas, 1981  
Erik Thomas, 1978  
Tran van Thuong, 1978  
Richard M. Timoney, 1976-82, 1984-85, 1989  
Philippe Tondeur, 1986  
Sakari Toppila, 1983  
Travel, 1971, 1981  
Marvin Tretkoff, 1980  
F. Treves, 1981  
Helge Tverberg, 1978, 1985  
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Lou van der Dries, 1985, 1988-89, 1991  
Alf van der Poorten, 1985, 1988-89, 1991  
Richard S. Varga, 1972-73, 1979  
L. N. Vasershtein, 1979  
M. Venkataraman, 1976  
S. Venkateswaran, 1970, 1972, 1974, 1976  
Orlando Villamayer, 1980  
Albert Vitter, 1981  
Wayne J. Walker, 1967  
Daniel Waterman, 1972  
Nelson Wax, 1980  
Elliot Weinberg, 1976  
Guido Weiss, 1981, 1982  
Max Weiss, 1971-72  
Allen Weitsman, 1982  
Charles P. Wells, 1968-69  
John Wermer, 1972, 1974-75  
Joseph Wiener, 1984-85  
Albert Wilansky, 1967, 1976  
Herb Wilf, 1985-86  
James Williams, 1971-72  
Lloyd B. Williams, 1968  
Przemyslaw Wojtaszczyk, 1977, 1979  
Jang-Mei Gloria Wu, 1974

"Xanadu," 1987-88

Correspondence regarding legal action concerning purchase of 704 W. University property from Francis and Thalia Anastasia.

Yale University, 1974, 1978

Chung-Chun Yang, 1979-83 1985, 1989, 1991-92 (2 folders)

Lo Yang, 1985

A. Yoshikawa, 1982

R. Younis

Lawrence Zalzman, 1968-69, 1972, 1976, 1978-81, 1985

Zygmunt Zahorski, 1984

Richard A. Zalik, 1981

Wilson Zaring, 1978-79, 1981

D. Zeilberger, 1985

Dr. Spiros Zervos, 1960, 1983

William Ziemer, 1980

Jay Zimmerman, 1977

Antoni Zygmund, 1968, 1973, 1979

#### Grants

Grants, 1986

Grant Proposals, 1985-88 (2 folders)

Grant Proposals, 1989

Grants, 1992-93 (2 folders)

Grant Proposals, 1988, 1991

SCREMS (Scientific Computing Research Equipment for the Mathematical Sciences), 1989-91 (3 folders)

#### Box 9:

##### Research Board

Application, 1989-90 (2 folders)

G.R., 1990

1990-91

Summer, 1992

Reinhart, 1991-92

Reinhart, 1993

publications for, 1993

National Science Foundation (NSF), 1994-95

KIM Research Board, 1992

Macintosh SE 30, 1990

National Security Agency (NSA), Mathematical Sciences Program, 1988

National Security Agency (NSA), 1992

Guggenheim Fellowship application, 1984, 1986

Application for Funding through the AT&T Affiliates Program, 1987

National Science Foundation (NSF) \$1500.00 flap, 1984-85  
 Beckman Institute, 1985  
 National Science Foundation Application, 1984-86  
 National Science Foundation Application, 1988  
 Research Prospectus, "Algebraic Differential Equations, Analog Computers, and the Central Nervous System"  
 Second Discipline, 1991-92

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**SECOND ACCESSION: four boxes were transferred to the archive in 2015.**

**Materials in this accession were arranged as follows:**

**Series 1: Personal writing, correspondence, and research notes, 1945-2000**

This series contains personal and research notes, professional and personal correspondence, calendars, notebooks, Rubel's short stories and poems, and high school yearbooks.

**Box 10**

1. Bateman, Paul, 1961-1975
2. Alex Bernstein, 1965
3. Calendars, 1967-1971
4. Calendars, 1972-1974
5. Calendars, 1975-1977
6. Daniel Crohn, circa 1970s
7. Rose Crohn, 1976
8. Billie and George Crooke, 1976
9. Diary, circa 1980s
10. Dickler, 1962
11. Drawings, undated
12. Family Information, circa 1970s
13. Earl F. Finder, circa 1970s
14. General Math Notes, 1989
15. Heini Halberstam, 1983
16. Hannah Herman, 1976
17. High School Journals, 1945
18. Illinois (O.), 1958-1980
19. Institute for Advanced Study (IAS), 1957
20. Joe, 1967
21. Journal, 1991
22. Kahane, 1959
23. Boris Korenblum, 1971
24. Korenblum letter, 1978
25. K.C. Krafter, 1974
26. Mortimer Kroll, 1975
27. Rosalie Kroll, 1975-76
28. H. Marcus, 1960
29. Math (Lee), 1950s

**Series 1: Personal writing, correspondence, and research notes****Box 10**

30. Math Journal, 1993
31. Math Miscellaneous, 1983
32. Math Miscellany, 1985
33. Math Notes, circa 1980s
34. Math Problems, 1950
35. Armand Maurer, 1970
36. Jan Mycielski, circa 1970s
37. Non + Math Notes, 1976
38. Notebook, 1981
39. Notebook, 1987
40. Notebook, 1989-1994
41. Notebook, 1994
42. Notes, 1983-1986
43. Notes of all Kinds, 1980
44. Personal Journal, 1965
45. Pictures, circa 1950s-1980s
46. Posters, circa 1970s
47. Retirement Guest Notebook, 1993
48. Norma Richards, 1984
49. Franklin Roosevelt Jr. – Correspondence, 1954
50. Naomi C. Roseman, 1975
51. Rubel Ancestors – Zsolnay, circa 2000s
52. Arthur Rubel, circa 1960s

**Box 11**

1. Lee Rubel – Letter to Harold Brodkey, 1984
2. Lee Rubel – Letter to Lokenath Debnath, 1983
3. Lee Rubel – Letter to Dick, 1978
4. Lee Rubel – Letter to U. Karen, 1978
5. Lee Rubel – Letter to Natasha Rubel, 1984
6. Lee Rubel – Letter to Glenn Schober, 1983
7. Lee Rubel – Letter to the editor of The Courier, Urbana, IL, 1971
8. Lee Rubel – Letter to Walter, 1978
9. Lee Rubel – Letter to WICD of Champaign, IL, 1975
10. Marcella Crohn Rubel, circa 1960s
11. Nina Rubel, 1950s-1960s
12. Rubel Short Stories, 1 of 2, circa 1950s-1960s
13. Rubel Short Stories, 2 of 2, circa 1950s-1960s
14. Paul and Sara Schepel, 1976
15. Science Yearbook – Broxsn High School of Science, 1947
16. Aunt Seid, 1976
17. A. Siskakis, 1983
18. The Morning Courier – Profile of Lee Rubel, 1979
19. Traffic Court Summons, 1974
20. Ulku, 1978
21. Eva Vincent, 1965
22. Paul Wells, circa 1970s
23. Herbert Wilf, 1973
24. Wisconsin PhD Certificate, 1954

**Series 2: Lee A. Rubel Collected Works, 1950-2001**

This series contains correspondence and other material related to the creation of Lee A. Rubel's collected works as well as material related to Professor Rubel's memorial service including programs, obituaries, and notes of condolences. Gathered by Nina Rubel, the material contains correspondence and material related to Nina's effort to produce a CD of Rubel's collected works. It also contains a bibliography of Rubel's publications and biographical sketches.

**Box 11**

25. Beckman Institute, 1994
26. Bibliography, 1998
27. CD-Rom correspondence, 1996-1999
28. CD- Rubel Collected Works, 1998
29. Correspondence- Rubel Collected Works Project, 1998-2001
30. Danielyan, 1995-1999
31. Email about Lee, 1995-1999
32. Glickman, 1995-1996
33. Lee, 1993
34. Lee – Death, 1995
35. Lee – Final Week, 1995
36. Lee's Mail – Answered, 1994-1997
37. Lee – Miscellaneous Information, 1978-1985
38. Lee – Obituary, 1995
39. Memorial Service, 1995
40. MDS Sympathy, 1995
41. Photos, 1950-1998
42. Professional Correspondence and notes, 1985-1998
43. The Doors, circa 1990s

**Series 3: Publications, 1957-1999**

This series contains publications from 1957 to 1999, including posthumously published articles after 1995. It also includes a draft and published copy of Professor Rubel's book *Entire and Meromorphic Functions*.

**Box 11**

44. Publications, 1957-1976
  - L.A. Rubel (1957), Invariance of the Discriminant of a Quadratic Form, American Mathematical Monthly LXIV
  - L.A. Rubel (1960), An Abelian theorem for number-theoretic sums, Acta Arithmetica VI
  - L.A. Rubel (1961), Correction to 'An Abelian theorem for number-theoretic sums' Acta Arithmetica VI
  - L.A. Rubel and B.A. Taylor (1968), Correction: Uniqueness theorems for analytic functions of one and of several complex variables, Proc. Camb. Phil. Soc. 64
  - L.A. Rubel and B.A. Taylor (1968), A Fourier Series Method for Meromorphic and Entire Functions, Bulletin de la societe mathematique de France
  - L.A. Rubel and B.A. Taylor (1969), Correction to 'Functional analysis proofs of some theorems in function theory'
  - L.A. Rubel (1969), Symposia on theoretical physics and mathematics, New York: Plenum Press.
  - I.D. Berg and L.A. Rubel (1970), Erratum: Densities on locally compact abelian groups, Depot Legal no. 903

## 44. Publications, 1957-1976 (continued)

- L.A. Rubel (1970), Erratum, *Journal of Mathematical Analysis and Applications* 31
- L.A. Rubel (1970), Errata: Some applications of the Gauss-Lucas theorem, *L'Enseignement mathématique* XVI
- Marvin C. Gaer and L.A. Rubel (1971), The Fractional Derivative via Entire Functions, *Journal of Mathematical Analysis and Applications* 34
- L.A. Rubel and A.L. Shields (1972), The Failure of Interior-Exterior Factorization in the polydisc and the Ball, *Tohoku Mathematical Journal* 24
- L.A. Rubel and Chung-Chun Yang (1973), Interpolations and unavoidable families of meromorphic functions, *Michigan Mathematical Journal* 20
- Paul M. Gauthier and Lee A. Rubel (1975), Interpolation in separable frechet spaces with applications to spaces of analytical functions, *Can J. Math* XXVII
- L. Shibelids; L. A. Rubel (1975), Invariant subspaces of  $L^8$  and  $H^8$ , *Journal für die reine und angewandte Mathematik* 272
- T Gamelin; J Garnett; Lee A. Rubel; A Shields (1976), On badly approximable functions, *Journal of Approximation Theory* 17
- L.A. Rubel (1976), How to use Runge's Theorem, *L'Enseignement mathématique*, T. XXII
- L. A. Rubel (1976), Harmonic analysis of harmonic functions in the plane, *Proceedings of the American Mathematical Society* 54

## 45. Publications, 1977-1992

- L.A. Rubel (undated), Holomorphic endomorphisms of regions in  $C^n$ , *Problem* 17
- Henson, Rubel, Takeuti (1977), *Dissertationes Mathematicae*, Warsaw
- L.A. Rubel (1977), Errata: How to Use Runge's Theorem, *L'Enseignement Mathématique* 22
- Lee A. Rubel (1977), Linear partial differential operators and mean-automorphic functions, *Journal of Differential Equations* 24
- W. Kennel; L. A. Rubel (1977), Locally Outer Functions, *Journal of the London Mathematical Society*, s2-15 (3)
- L.A. Rubel, W.A. Squires, B.A. Taylor (1978), Irreducibility of certain entire functions with applications to harmonic analysis, *Annals of Mathematics* 108
- Lee A. Rubel (1979), Möbius-invariant spaces of continuous functions, *Bulletin of the Greek Mathematical Society* 20
- Joseph Becker, C. Ward Henson, and Lee. A Rubel (1979), First-order conformal invariants, *Annals of Mathematics*
- Nigel Kalton and Lee Rubel (1980), Gap-Interpolation theorems for Entire Functions,
- Lee A. Rubel (1981), A universal differential equation, *Bulletin of the American Mathematical Society* 42
- Harold G. Diamond; Carl Pomerance; Lee Rubel (1981), Sets on which an entire function is determined by its Range, *Mathematische Zeitschrift* 176
- L.A. Rubel (1982), An Elimination Theorem for Systems of Algebraic Differential Equations, *Houston Journal of Mathematics* 8
- L.A. Rubel (1983), Solutions of Algebraic Differential Equations, *Journal of Differential Equations* 49
- L.A. Rubel (1983), A Counterexample to Elimination in systems of algebraic differential equations, *Mathematika* 30
- L.A. Rubel (1983), Internal-External Factorization in Lumer's Hardy Spaces, *Advances in Mathematics* 50
- L.A. Rubel (1983), Some research problems about algebraic differential equations, *Transactions of the American Mathematical Society* 280

## 45. Publications, 1977-1992 (continued)

- L.A. Rubel (1984), A Characterization of internal functions on multiply connected regions, Nagoya Mathematical Journal 96
- C. Ward Henson and L.A. Rubel (1986), Correction to 'Some applications of Nevanlinna theory to mathematical logic: identities of exponential functions', Transactions of the American Mathematical Society 294
- J. Brian Conrey and L.A. Rubel (1988), Erratum to 'On the Location of the Zeros of the Derivative of a Polynomial', Proceedings of the American Mathematical Society 104
- Leonard Lipshitz and L.A. Rubel (1988), Corrigendum to 'A Differentially algebraic replacement theorem, and analog computability,' Proceedings of the American Mathematical Society 104
- Lee A. Rubel (1992), Sums of squares of real entire functions of one complex variable, Proceedings of the international conference on Complex Analysis at the Nankai Institute of Mathematics

## 46. Publications, 1994-1995

- Lee. A. Rubel, with James E. Colliander (Draft, 1994), Entire and Meromorphic Functions
- Lee. A. Rubel, with James E. Colliander (1995), Entire and Meromorphic Functions

## 47. Publications, 1995-1999

- J. Johnson; G. M. Reinhart; L. A. Rubel (1995). Some Counterexamples to Separation of Variables, Journal of Differential Equations 121
- W. K. Hayman; Lee A. Rubel (1995), Unavoidable systems of functions, Mathematical Proceedings of the Cambridge Philosophical Society 117
- Lee A. Rubel and Chung-Chun Yang (1995), The Factorization of  $A(z) + B(w)$  Under Composition, Illinois Journal of Mathematics 39
- Lee A. Rubel (1995), Correction to my paper 'closed-form solutions of some partial differential equations via quasi-solutions II,' Illinois Journal of Mathematics 39
- Lee. A. Rubel (1995), An essay on Diophantine equations for analytic functions, Expo. Math. 13
- R. Alexander; C. E. Blair; L. A. Rubel (1995), Approximate version of Cauchy's functional equation, Illinois Journal of Mathematics 39
- L.A. Rubel (1995), Errata, Journal of Mathematical Analysis and Applications 189
- Karl Dilcher and Lee A. Rubel (1996), Zeros of Sections of Divergent Power Series, Journal of Mathematical Analysis and Applications 198
- Alexandre Eremenko; L. A. Rubel (1996), On The Zero Sets Of Certain Entire Functions, Proceedings of the American Mathematical Society 124
- Lee A. Rubel (1996), Uniform Approximation by Rational Functions Which All Satisfy the Same Algebraic Differential Equation, Journal of Approximation Theory 84
- Alexandre Eremenko and Lee A. Rubel (1996), The Arithmetic of Entire Functions under Composition, Advances in Mathematics 125
- Jeong H. Kim and L.A. Rubel (1997), Integer Translation of Meromorphic Functions, Transactions of the American Mathematical Society 349
- Rod Downey, Zoltan Furedi, Carl G. Jockusch Jr, L.A. Rubel (1998), Difference sets and computability theory, Annals of Pure and Applied Logic 93
- A.A. Danielyan and L.A. Rubel (1998), Uniform Approximation by Entire Functions that are all bounded on a given set, Constructive Approximation 14
- A.A. Danielyan and L.A. Rubel (1999), Erratum: Uniform Approximation by Entire Functions that are all bounded on a given set, Constructive Approximation 15

**Processing Notes for Second Accession:**

Added folder titles are indicated by [ ]. Duplicates, transactional documents, secondary literature, and unrelated newspaper articles were discarded. Processed by Peter Wright, under the supervision of Susanne Belovari, March 2019.