THE UNIVERSITY OF MELBOURNE ARCHIVES

NAME OF COLLECTION	LOVE, ERIC RUSSELL
ACCESSION NO	2003.0021
CATEGORY	University, individuals
ACTIVITY	Academics - Mathematics
DATE RANGE	1961-1999
SIZE OF COLLECTION	6.3 metres (37 x 17cm boxes)
HISTORICAL NOTE	(Eric) Russell Love was born in London 31 March 1912 and came to Australia in 1922. He studied mathematics at the University of Melbourne 1930-33 under T M Cherry, residing at Ormond College, and winning the Aitchison Travelling Scholarship, and proceeding to Trinity College, Cambridge (Ph.D., 1938). After teaching in London and Durham, he and his wife returned to Melbourne in 1940, where he started as lecturer, becoming professor in 1952. During WWII he was seconded to the Munitions Supply Laboratories in Maribyrnong and later the Aeronautical Research Laboratories at Fishermans Bend. Professor Love also became chair of the Mathematics Standing Committee of the Schools Board [q.v.], and from 1963 head of department. Upon retirement he became professor emeritus and was appointed honorary professorial fellow with the title of professor. Renowned as a lecturer of great clarity, accuracy and completeness, his top priority was always his teaching. He died 7 August 2001.
DATE OF TRANSFER	16 Jun 2003
ACCESS CONDITIONS	Access: Open
DESCRIPTION	Correspondence, drafts, lecture documentation, course outlines, lecture notes, attendance sheets, papers and other publications, referee reports, leave and conference reports, overhead transparencies, photographs.
NOTE ON COLLECTIONS	Related Collections: Cherry, T M; Behrend, F.; Belz, M.;

LISTED BY	Anthony Ciavarella
DATE	16 July 2003

Collection: - Love, E.R		Accession: 103.21		
Box No	Series Number	Description		Dates

1		**Generalizations of Hardy's and Copson's Inequities - E.R. Love**	1983
1		**Inequalities Paper for W.N. Everitt Paper for W. Walter - E.R. Love**	1983
1		**B.G. Pachpatte**	1988
1		**R.R Huilgol**	1997
1		**M. Pinsky**	1997
1		**W.A. Rachinger**	1998
1		**P.C. Fenton**	1998
1		**E.Q. Tuck**	1998
1		**J. Gani**	1998
1		**Alzer**	1996
1		**Elliot**	1998
2		**Confluent Hypergeometric Integral Equation - Prabhakar & Kashyap - E.R. Love (also J.M.C. Joshi)**	1978, 1984
2		**Solutions of m!n!=r!**	1981
2		**Answers to recent queries**	1986
2		**Vu Kim Tuan & Nguyen Thi Tinh**	1993
2		**R.L. Hall's Conjecture - E.R. Love**	1988
2		**Oscillating Integrands With Ripples - R.L. Hall, E.R. Love**	1988
2		**Oberwolfach, Hardy's and Copson's Inequalities following on Oberwolfach, Nice - E.R. Love**	1983, 1982, 1982-84
3		**Portable Research Duplicates Taken Overseas - E.R. Love**	1980-81
3		**Series and Integrals of Products of Bessel Functions - A.R. Carr**	1977
3		**Almost Periodic Sequence Functions - E.R. Love**	c. 1960, 1982
3		**An Integral Operator Involving a Legendre Function - G.M. Habibullah; A Remark on inequalities involving convolutions - C.O. Imoru; Some Higher Dimensional Marcinkiewicz Theorems - F.S. Cater; I.Lahairi**	1980-81, 1989
3		**Oberwolfach & Brighton - E.R. Love**	May 1983
3		**Integral Inequalities of Copson and of Kadlec and Kufner, Oberwolfach**	1983
3		**Oberwolfach, Inequalities Between Norms in Sequence Spaces - E.R. Love**	1980-81
3		**Measure and Integral - E.R. Love, La Trobe University**	1984
3		**Oberwolfach - E.R. Love**	1977
4		**Diagonal of Quadrilateral - E.R. Love**	1981

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		Collection: - Love, E.R **Accession: 103.21**	
Box No	**Series Number**	**Description**	**Dates**
4		**Almost Periodic Functions Etc., C.J.F. Upton**	**1982**
4		**Continued Fraction Inequalities For Log (1+2) - E.R. Love**	**1980**
4		**The Ladder and Box Problem Irrational Numbers**	**1980**
4		**Ixengar's Inequality, Vasic, Milovanovic, Pecaric [Math Rev.]**	**1978**
4		**Closure Theorems and Converses**	**1978**
4		**Hypergeometric Polynomials, M.I. Qureshi & M.A. Pathan; Triple Hypergeometric Series, Ch. Wali Mohd & M.I. Qureshi; Generating Functions, M.A. Pathan & Yasmeen**	**1983-1985**
4		**Academic Press recommendations for articles**	**1995**
4		**Equation queries, T. Guttman**	**1995**
33		**Journal Article editing for Journal of Australian Mathematical Society**	**1980s-1990s**
5		**Journal Article editing for Journal of Australian Mathematical Society**	**1980s-1990s**
5		**Lecture Documentation: course outline, attendance sheet, lecture notes**	**1990-1994**
5		**Laplace & Whittaker Transforms - T.C. Preachy**	**1980**
5		**Integral Transforms - T.C. Preachy**	**1985, 1988**
6		**Lecture Documentation: course outline, attendance sheet, lecture notes**	**1984-1995**
6		**Various Manuscripts**	**1979**
6		**Assorted Notes**	**1979**
7		**Condenser**	**1987-90**
7		**A-Summability**	**1989-1992**
7		**H. Alzer**	**1996**
7		**Tuck's Double Integral**	**1995**
7		**J.E. Pecaric**	**1993**
7		**Finite-Part Integrals - D. Elliot**	**1993**
7		**Cishen Zhang**	**1994**
8		**Mathematical Reviews**	**1976, 1983**
8		**Geometric Mean Inequality - J.A. Cochran & C.S. Lee**	**1985-86**
34		**Lebesgue Points of Fractional Integrals**	**1978, 1986**
34		**Riesz Potentials (LP - Overaged Continuity)**	**1992, 1989**
34		**Lecture Documentation: course outline, attendance sheet, lecture notes**	**1984-1995**
9		**P.S. Bullen**	**1981**
9		**Generalisations of a classical inequality - Erdelyi, Craven, Miscellaneous.**	**1977**

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Box No	Series Number	Description	Dates

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9		Inequalities of Gronwall's Type	1981
9		Almost Periodic Generalized Functions	1982
9		C.V. Stanojevic	1982
9		A.D. Klemm's Integral	1983
9		S.P. Dasgupta	1969-1974
9		Mathematical Reviews	1987-95
9		W.F. Pfeffer Integration	1979
10		M.N. Hunter	1984-96
10		Expansions in Legendre Functions	1989
10		G.K. Forbes	1968
11		R.A. Dwyer	1972-75
11		W. Pye on Neumann's Integral	1962-66
11		Linear Diff Equns With Constant Coeffts; Int. J. Math. Educ. Sci. Technol.; Bulletin of I.M.A.	1978, 1989
11		Moments of Mono Functions - K.A. Landman	1998
11		Bulletin of the Australian Mathematical Society	1981
11		Khinchin's Inequality (P.A. Moran's Inequality)	1984
11		Strathclyde Refereeing	1984
11		G.D. Handley	1972-75
11		Unbound letters and documents	
12		J.A. Cochran	1987
12		Third Index Law	1984
12		St. Andrews Colloquium	1980
12		various posted journal articles ????	
12		Approximate Continuity and Lebesgue Points	1979
35		Mathematical Reviews	
35		Complex Analysis	1985
35		Unbound Documents	c. 1970s
35		Flett's Inequality	1976-77
35			
35		A Neumann Integral For Puv(Z) - Robert Anthony Dwyer [thesis]	
13		Integral Equations Lectures	c. 1960s-1970s
13		Complex Analysis, PM IV	1969
13		Since New Haven	1975
13		D.K. Ross	1978
13		Struve Transform; Fourier Integral	1984, 1988
13		Complex Analysis	1984
14		PM IV	1975
14		Some Solutions in 331 Complex Analysis	1977

Box No	Series Number	Description	Dates	

14		Linear Integral Equations	1974	
14		Real & Complex Analysis	1968-75	
14		Spherical Trigonometry	1975-76	
14		Lecture Documentation: course outline, attendance sheet, lecture notes	1973-78, 1982	
14		Real & Complex Analysis	1975-76	
15		Struve's Transform - McKellar and Box	1977, 1982	
15		Generalized Stieltjes Transform	1981	
15		PM III H Complex Analysis (Reservoir)	1951-2, 1964	
15		Generalized Stieltes Transform	1975-1980	
15		Struve Transform	1984	
16		P.C. Fenton	1971	
16		Fractional calculus - K.B. Oldham	1984	
16		Singular Integrals	1972	
16		Assorted lines of research	1975	
16		Infinite Integrals Involving Bessel Functions - S.N. Stuart	1979	
16		Generalized Stieltjes Transform of Distributions - J.N. Pandey	1975-76	
16		Self Reciprocal Functions for Hankel Transform	1979	
16		A Diffraction Integral - P. Kearney	1979	
16		Inequalities - J.L. Brenner	1980	
16		The Proximally Continuous Integrals - D.N. Sarkhel & A.K. De; Proximal Perron-Stieltjes Integral - M.K. Bose & S. Baidya	1979-80, 1984	
16		Inequalities for he capacity of an Annular Disc	1975	
16		Study Leave in Sheffield	1976	
16		N.Z. Conference	May 1978	
16		A. Byrne	1974-76	
17		Fractional Calculus and… generalized functions - A.C. McBride	1973-86	
17		Zeros of Bessel Functions - R.C. McCann	1979-81	
17		Hardy's Inequality, R.N. Mohapatra & D.C. Russell; - R.N. Mohapatra & K. Vajravelu; - P.D. Johnson & R.N. Mohapatra; H.M. Srivastava & R.K. Raina	1985-1990	
17		Even Mehlum and Jet Wimp spherical curves and quadratic relations for special functions	1983	
17		C.J.F. Upton & A.M. Russell	1978	
17		J.H. Loxton	1970	
17		J.A. Rickard & A.M. Russell	1979	
17		Behrend Memorial lecture	1976	
18		Dalitz & L.G. Woods	1956	

Box No	Series Number	Description	Dates
18		**Sequence Functions**	**c. mid 1950s- mid 1960s**
18		**T.R. Prabhakar**	**1970-71**
18		**M.J.C Baker**	**1969**
18		**Kronig - Kramers Transform - P.A. Dutton, J.L. Griffith; The Maximum Transform - A.N. Stokes; Generalized Integers - R.B. Eggleton**	**1968-1969**
18		**Ram Das Upadhyaya**	**1968**
18		**G.C. Wake & J.T. Campbell; N.D. Porter; F.R. Barrington & N.C. Powers**	**1967**
18		**Graven's Form of Green's Theorem**	**1963-64**
18		**Lecture notes in PM IV - B.D. Craven**	**1968**
18		**Lectures on topology - B.D. Craven**	**1968**
18		**Lecture notes on functional analysis - B.D. Craven**	**1965**
19		**Lecture Documentation: course outline, attendance sheet, lecture notes**	**1954**
19		**Degree Photographs**	
19		**E.J Williams re: G.H. Hardy & E.J.G. Pitman**	**Jan 1997**
19		**Correspondence - Prof. Hayman, Victor Kowalenko**	**1996-97**
19		**Mixed-mixed problem - V.I. Fabricant**	**1996**
19		**The Malayan Engineering & Science Students Society of Victoria**	**Sep 1963**
19		**Statistics for matriculation general maths - M.H. Belz**	**Sep 1954**
19		**Lebesgue-Stieltjes Measures - B.D. Craven**	**1970s**
19		**Various single issue journals [plastic cover]**	**1960s**
19		**Unbound documents, lectures, theories [plastic cover]**	**1970s**
20		**International Biography, Who's Who - D.S. Jones & D. Elliott, RE A. Erdelyi**	**1977-87**
20		**Lecture Documentation: course outline, attendance sheet, lecture notes**	**1978-1981**
20		**Integral Geometric Means - B.D. McKay**	**1979**
20		**Assorted Photocopies**	**1965-75**
20		**Armidale Question**	**1973-75**
20		**National Mathematics Summer School - Exam Papers**	**1980**
20		**Abel's Integral Equn - L.S. Bosanquet**	**1971**
20		**An introduction to Matrix transformations and sequence spaces with applications to Summability - lecture notes by L.S. Bosanquet**	**1970**
20		**Harmonic Function In A Half Space**	**1972**
20		**F.H. Northover**	**1974**

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20		M.N. Hunter	1975-78, 1980
20		Matrix 1965 - ed. Malcolm Clark, Richard Phillips	1965
21		Fabrikant's Method for potential problems	1986-89
21		Charged sphere, etc. - V.I. Fabrikant	1985
21		Fourth Year Projects - M.N. Hunter, T.C. Peachy	1974
22		theories, documents and correspondence Fractional Calculus [blue bank folder]	1983-84
22		St. Andrew photographs	1980
22		Inequalities like Opial's - Selpia	1984
22		A.M.S Conference, UNSW	May 1985
22		St. Lawrence University Conference	Jul 1985
22		General Inequalities 5 - Oberwolfach	May 1986
22		A.M.S abstract forms	1992
22			
22		Lecture Documentation: course outline, attendance sheet, lecture notes	1981-82
36		R.J. Wallace	1975 & 1984
36		Quantitative Methods - R.J. Wallace	1984
36		La Trobe Ph.D. Registration & correspondence - M.N. Hunter & R.J. Wallace	1985
36		J.C. Pottage [unpublished work]	1977
36		Lecture Documentation: course outline, attendance sheet, lecture notes	1977
36		W.N. Everitt's question on completeness of {Py+n}	1993
36		Expansions in series of Legendre functions	Mar 1988
23		Research reports - A.R. Carr	1976
23		Research reports - R.J. Williams	1977
23		Report of the Assessment Sub-committee of Teaching Committee on standardised and other tests	1979
23		Generalized Hardy and Hardy-Littlewood inequalities in rearrangement - invariant spaces - P.L. Butzer and F. Feher	1970
23		Academic press recommendations for articles	1988
23		A. Brown	c. 1980s
23		J.A. Cochran	1987
23	I	D.C. Russell	1980s
23	II	D.C. Russell	1980s
23	III	D.C. Russell	1980s
23		Andrew Laforgia	1983

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23		Notes from International Congress of Mathematicians, Helsinki, Finland	Aug 1978
23		Notes from International Congress of Mathematicians, Warsaw, Poland	Aug 1982
23		Notes from Australian Mathematical Society 21st Annual Meeting	1977
23		Notes from Australian Mathematical Society Conference	1966
23		Maurice Henry Belz	1976
23		Notes from International Conference on Banach Spaces and Classical Analyses	Jul-Aug 1985
24		Laguerre functions and attempts to extend Fejer's Formula for $L_m(x)$	1993
24		Expansion in Laguerre functions - M.N. Hunter	1994
24		Transparencies for overhead projector	1980s?
24		Expansions in Legendre functions - M.N. Hunter & E.R. Love	1987-91, 1996
24		Inequalities for Laguerre functions	1995-96
24		A fractional derivative version of Opial's Inequality	1995
24		Complex expansions in Legendre functions	1991-92
25		Journal Articles by E.R. Love [multiple copies]	1997
25		Integration of Legendre Series	1995
25		Expansion in Laguerre Functions, M.N. Hunter	1996
25		The Refinement - Ross - Riemann - Stieltjes Integrals	1981-82
25		Article draft by Brenner & Alzer	1990
25		Writing Paper	
25		Plastic Overhead Sheets	1998
25		Abel Summability Paper for PLMS	1993
25		Esztergom	1987
26		The Refinement - Ross - Riemann - Stieltjes Integrals	1981-82, 1988-90, 1993
26		Real Analysis Symposium, UBC Vancouver	Jul 1986
26		H.M. Srivastava	1999
26		Extensions of Various Results for Leendre Functions	1987-1992
26		Laguerre Series	1996
26		Third International Symposium on Functional Equations & Inequalities at Noszvaj, Hungary	Sep 1986
26		Thirty-First Annual Meeting of the Australian Mathematical Society	May 1987
26		Plovdiv	Aug 1992

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26		Evian, France	Oct 1992
26		AMS Meeting, Wollongong	1993
26		Nonlinear Analysis, Function Spaces and Applications, V, Prague	May 1994
26		Wollongong Miniconference	Jul 1993
27		Unbound Documents	
27		(x+s)/(x)	1998
27		Lyon's Inequality	1995-6
27		Expansions in series of Legendre Functions	1998
27		On an inequality conjectured by T.J. Lyons	1998
27		Handley	Aug 1996
27		Tremblay and Fugere	1998
27		Second Legendre Expansion	1997
27		Potential Theory, Praha (conference)	Jul 1987
27		Third International Conference on Functional Equations and Inequalities, Poland	Sep 1991
27		International Congress on "Extrapolation and Rational Approximation", Canary Islands, Spain	Jan 1992
27		Inequalities 50 years on, Birmingham	1987
27		Szczawnica	1987
28		Lyon's Conjecture	1999
28		Angelina Byrne	1992-93
28		Berlin Intelligencer ICM, Berlin	1998
28		International Congress of Mathematicians, Berlin	Aug 1998
28		International Congress of Mathematicians	Aug 1998
28		AMS 43rd Annual Conference	July 1999
28		Offprints and photos	1999
28		Expansions in Series of Legendre Functions, M.N. Hunter	1997
28		The International Workshop in Analysis and its Applications, Seventh Meeting	Jun 1997
28		International Conference on Function Spaces and Applications to Partial Differential Equations, Delhi	Dec 1997
28		Travel documents	1990s
28		ISAAC, Fukuoka	Aug 1999
28		Transform Methods & Special Functions, Varna, Second International Workshop	1996
29		Third International Symposium on O.P, Erice, Italy	Jun 1990
29		The Mathematical Gazette, Mathematical Association	Mar 1988

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29		Poisson Kernel for a Degenerate Elliptic Equation and Applications to Boundary Value Problems, Xinhua Ji	1995
29		In-Centres and Ex-Centres	1985
29		Proceedings of the London Mathematical Society	Nov 1994
29		Handley	late 1990s?
29		J. Pecaric	1994
29		W.N. Everitt	1992
29		D. Elliot	1993
29		ICMS, Edinburgh	1994
29		Communications in Applied Analysis	1996
29		On Expansions in Series of Legendre and Laguerre Functions, M.N. Hunter [dissertation]	1995
37		Gabushin's Inequality	1991
37		5th ICFEI, Poland	1995
37		Warszawa	Sep 1995
30		Personal Correspondence, Receipts, Travel Invoice & Documents	1990s
31		New Australian certificate of citizenship	1988
31		Who's Who in Australia	1997
31		Phase Portraits of Linear Systems (Part 1) [photocopy]	1990s?
31		Lecture Documentation: course outline, attendance sheet, lecture notes	1996-1998
31		Plovdiv	Aug 1997
31		The Ormond Newsletter	1983-86
32		Analytical Methods of Analysis and Differential Equations, Amade	Sep 1999
32		Abstracts, Second Congress ISAAC	1999
32	Vol. 203, No. 2	Journal of Mathematical Analysis and Applications	Oct 1996
32		Index Transforms, S.B. Yakubovich	1996
32	Vol. 120, No. 576	Factorizing the Classical Inequalities, Grahame Bennett	Mar 1996
32		Mathematical Reviews, Sections, American Mathematical Society	1999