



Center for Scientific Computation And Mathematical Modeling

University of Maryland College Park



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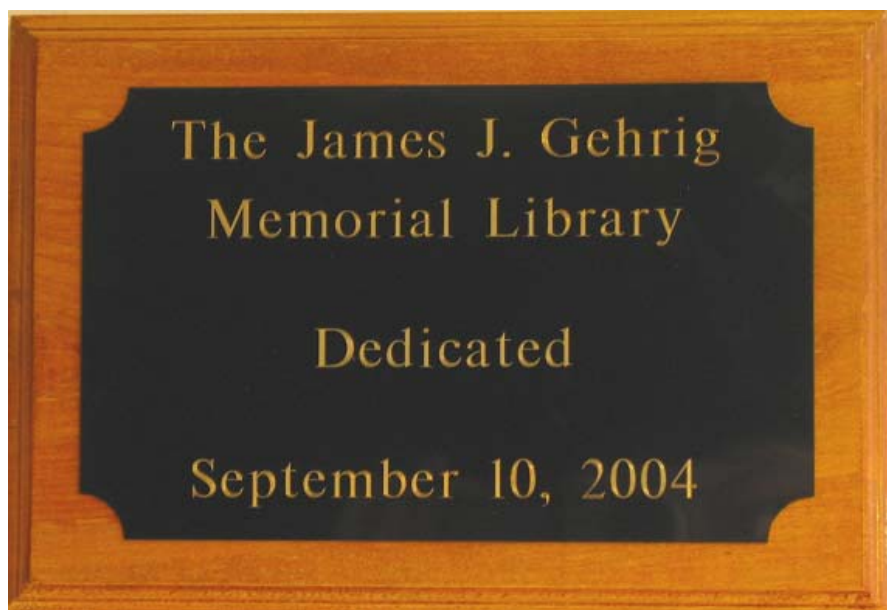


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James Joseph Gehrig 1921-2003

James Joseph Gehrig was born in 1921 in Milwaukee, Wisconsin and moved to Manitowoc, Wisconsin at a young age. He developed a lifelong interest in mathematics while attending high school in Manitowoc, because, as he tells it, “I got good grades in math”! Jim subsequently majored in mathematics at the University of Wisconsin. His studies there were interrupted by World War II, in which he saw combat as a platoon leader in the Philippine Islands, and was awarded the Bronze Star with Valor. In 1946, he resumed his studies at University of Wisconsin-Madison, graduating in ‘49 with a Bachelors of Science in Mathematics. He, then, continued at Wisconsin towards a Masters degree, and eventually with subsequent course work at the University of Delaware and UCLA over the next few years, while simultaneously starting a family and working, completed his Masters of Science in Mathematics, also from University of Wisconsin-Madison.

Jim’s work career started in applied mathematics and modeling at the Army’s Aberdeen Proving Grounds in Maryland from 1949-53, he then moved across the country west to Los Angeles to work for Northrop Aircraft, Inc. as a supervisor in advanced design for 8 years. In 1961, he made his last move, back east again, to Washington D.C., to work as a special assistant to United States Senator Stuart Symington of Missouri, who at that time, was a member of the U.S. Senate Aeronautical and Space Sciences Committee. Jim became staff director of this committee for eight years. During these years his wife Susan, and Jim, raised 8 children, instilling in the family an extremely high regard for education. As a result, their children have earned 14 college degrees, including 7 advanced degrees, and they count among them a successful physician, architect, lawyer, health worker, businessmen and women, and two investment bankers.

Throughout his school and work years Jim kept his mathematics books and gradually added to them. Since retiring in 1981, one of his hobbies, along with teaching mathematics at area colleges for 8 years, had been to actively expand this collection, primarily by attending book sales throughout the Washington D.C. area. This resulted in a wonderful, classic collection of more than 2,300 mathematics books which Jim, his wife Susan, and children Jay, Leigh, Wink, Teresa, Renee, Ben, Helen, and Paul, now gladly and with pride and satisfaction, donate to the University of Maryland.



Author	Title	Call Number
Aaboe, Asger	Episodes from the Early History of Mathematics	QA22 .A13
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Abbott, J. C. ed.	The Chauvenet Papers Vol I-II	QA7 .C43*
Abramowitz, Milton	Handbook of Mathematical Functions with Formulas, Graphs, and Mathematical Tables	QA3 .U5 no. 55
Abramowitz, Milton	Handbook of Mathematical Functions, with Formulas, Graphs, and Mathematical Tables	QA47 .A34 1965
Acton, Forman S.	Numerical Methods that Work	QA297 .A33 1990
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Adkins, C. J.	Equilibrium Thermodynamics	QC318.T47 A34 1983
Adler, Irving	A New Look at Geometry	QA445 .A3
Adler, Irving	The New Mathematics	QA93 .A3
Ahlfors, Lars Valerian	Riemann Surfaces	QA333 .A43
Aitken, Alexander Craig	Determinants and Matrices	QA191 .A5 1948
Akivis, Maks Aizikovich	An Introduction to Linear Algebra and Tensors	QA184 .A3913 1977
Albers, Donald J. ed.	Mathematical People : Profiles and Interviews	QA28 .M37 1985
Albers, Donald J. ed.	More Mathematical People : Contemporary Conversations	QA28 .M67 1990
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Albert, Abraham Adrian ed.	Studies in Modern Algebra	QA251 .A32
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Aleksandrov, Pavel Sergeevich	Elementary Concepts of Topology	QA611 .A3813
Allen, Edward Switzer	Six-Place Tables	QA47 .A5 1941
Amateur Rocket Association	Rocket and Space Science Series Vol I - Propulsion	TL782.5 .A54 1967
American Mathematical Society	Statistical Data Analysis	QA276.16 .S82 1983
American Mathematical Society	The Mathematics of Networks	T57.85 .M374 1982
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Anderson, David R.	Statistics : Concepts and Applications w/ Soln Manual	QA276 .A599 1986

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Apostol, Tom M. ed.	Selected Papers on Precalculus	QA7 .S44
Apostol, Tom M. ed.	A Century of Calculus Part II: 1969-1991	QA303 .A*
Arfken, George B.	Mathematical Methods for Physicists	QA37.2 .A74 1970
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Arnold, B. H.	Intuitive Concepts In Elementary Topology.	QA611 .A7
Arzimovich, Lev A.	Elementary Plasma Physics	QC718 .A713 1965
Ash, J. M. ed.	Studies in Harmonic Analysis	QA403 .S88
Asimov, Issac	Realm of Numbers	QA141.3 .A85
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Asimov, Issac	Understanding Physics Vol I-II	QC23 .A8
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~ B ~

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Barbeau, Edward J	Power Play	QA161.E95 B37 1997
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Cremona, Luigi	Elements of Projective Geometry	QA471 .C713 1960

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Crouch, Ralph B.	The Structure of Abstract Algebra	QA266 .C713
Crow, Edwin L.	Statistics Manual : with Examples Taken from Ordnance Development	QA276.12 .U17 1955
Crowder, Norman A	Adventures In Algebra	QA157 .C93
Crowe, Michael J.	A History of Vector Analysis : the Evolution of the Idea of a Vectorial System	QA433 .C76 1985
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D'Abro, A.	The Evolution of Scientific Thought from Newton to Einstein	QC6 .A3 1950
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Dantzig, George Bernard	Linear Programming and Extensions	QA265 .D3 1963
Dantzig, George Bernard ed.	Studies in Optimization	QA402.5 .S78
Dantzig, Tobias	Number, the Language of Science; a Critical Survey Written for the Cultured Non-Mathematician	QA9 .D2 1954
Dartmouth College Writing Group	Modern Mathematical Methods And Models: a Book of Experimental Text Materials	QA37 .D33
Dauben, Joseph Warren	Georg Cantor : His Mathematics and Philosophy of the Infinite	QA248 .D27 1990
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Davis, Harry F.	Introduction to Vector Analysis	QA261 .D33 1967
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De Broglie, Louis	Matter and Light; the New Physics	QC173 .B8532 1939
De Bruijn, Nicolaas Govert	Asymptotic Methods in Analysis	QA221 .B7
de Laplace, Marquis	A Philosophical Essay on Probabilities	QA273 .L32 1952
Dean, Richard A.	Elements of Abstract Algebra	QA266 .D4
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Demidovich, B. P.	Computational Mathematics	QA297 .D413 1987

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Dickson, Leonard E.	Linear Groups, with an Exposition of the Galois Field Theory	QA171 .D5 1958
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Dickson, Leonard Eugene	On Invariants and the Theory of Numbers	QA244 .D47
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Dubinsky, Ed ed.	The Concept of Function : Aspects of Epistemology and Pedagogy	QA331 .C6538 1992
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Erdélyi, Arthur	Asymptotic Expansions	QA431 .E7
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Fauvel, John ed.	Let Newton Be!	QC16.N7 L47 1988
Felix, Lucienne	The Modern Aspect of Mathematics	QA9 .F433
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Fetisov, A. I.	Proof In Geometry	QA481 .F433
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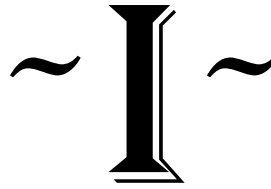
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Hadley, George	Linear Programming	T57.74 .H33
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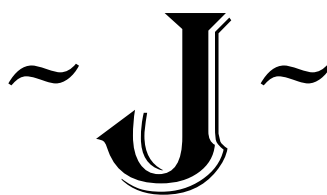
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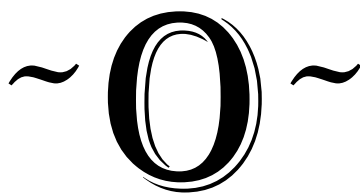
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Marsden, Jerrold	Calculus II	QA303 .M3372 1985b
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Menzel, Donald Howard	Fundamental Formulas of Physics Vol I-II	QA401 .M492
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Merriman, Gaylord Maish	To Discover Mathematics	QA37 .M56
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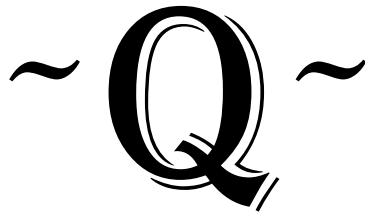
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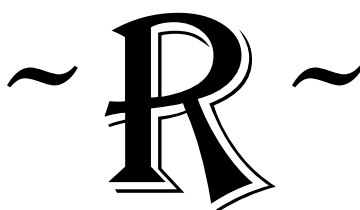
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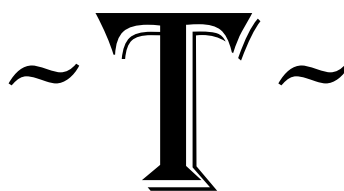


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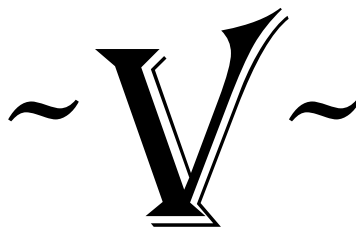


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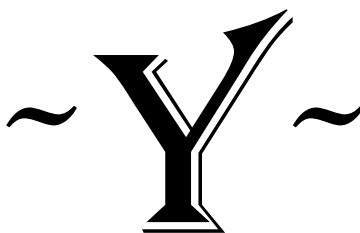
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