

## CLASSROOM RESOURCE MATERIALS

Classroom Resource Materials is intended to provide supplementary classroom material for students—laboratory exercises, projects, historical information, textbooks with unusual approaches for presenting mathematical ideas, career information, etc.

*101 Careers in Mathematics*, 3rd edition edited by Andrew Sterrett

*Archimedes: What Did He Do Besides Cry Eureka?*, Sherman Stein

*Arithmetical Wonderland*, Andrew C. F. Liu

*Calculus: An Active Approach with Projects*, Stephen Hilbert, Diane Driscoll Schwartz, Stan Seltzer,  
John Maceli, and Eric Robinson

*Calculus Mysteries and Thrillers*, R. Grant Woods

*Cameos for Calculus: Visualization in the First-Year Course*, Roger B. Nelsen

*Conjecture and Proof*, Miklós Laczkovich

*Counterexamples in Calculus*, Sergiy Klymchuk

*Creative Mathematics*, H. S. Wall

*Environmental Mathematics in the Classroom*, edited by B. A. Fusaro and P. C. Kenshaft

*Excursions in Classical Analysis: Pathways to Advanced Problem Solving and Undergraduate Research*, by Hongwei Chen

*Explorations in Complex Analysis*, Michael A. Brilleslyper, Michael J. Dorff, Jane M. McDougall,  
James S. Rolf, Lisbeth E. Schaubroeck, Richard L. Stankewitz, and Kenneth Stephenson

*Exploratory Examples for Real Analysis*, Joanne E. Snow and Kirk E. Weller

*Exploring Advanced Euclidean Geometry with GeoGebra*, Gerard A. Venema

*Game Theory Through Examples*, Erich Prisner

*Geometry From Africa: Mathematical and Educational Explorations*, Paulus Gerdes

*The Heart of Calculus: Explorations and Applications*, Philip Anselone and John Lee

*Historical Modules for the Teaching and Learning of Mathematics* (CD), edited by Victor Katz and  
Karen Dee Michalowicz

*Identification Numbers and Check Digit Schemes*, Joseph Kirtland

*Interdisciplinary Lively Application Projects*, edited by Chris Arney

*Introduction to the Mathematics of Computer Graphics*, Nathan Carter

*Inverse Problems: Activities for Undergraduates*, Charles W. Groetsch

*Keeping it R.E.A.L.: Research Experiences for All Learners*, Carla D. Martin and Anthony Tongen  
*Laboratory Experiences in Group Theory*, Ellen Maycock Parker  
*Learn from the Masters*, Frank Swetz, John Fauvel, Otto Bekken, Bengt Johansson, and Victor Katz  
*Math Made Visual: Creating Images for Understanding Mathematics*, Claudi Alsina and Roger B. Nelsen  
*Mathematics Galore!: The First Five Years of the St. Marks Institute of Mathematics*, James Tanton  
*Methods for Euclidean Geometry*, Owen Byer, Felix Lazebnik, and Deirdre L. Smeltzer  
*Ordinary Differential Equations: A Brief Eclectic Tour*, David A. Sánchez  
*Oval Track and Other Permutation Puzzles*, John O. Kiltinen  
*Paradoxes and Sophisms in Calculus*, Sergiy Klymchuk and Susan Staples  
*A Primer of Abstract Mathematics*, Robert B. Ash  
*Proofs Without Words: Exercises in Visual Thinking*, Roger B. Nelsen  
*Proofs Without Words II: More Exercises in Visual Thinking*, Roger B. Nelsen  
*Proofs Without Words III: Further Exercises in Visual Thinking*, Roger B. Nelsen  
*Rediscovering Mathematics: You Do the Math*, Shai Simonson  
*She Does Math!*, edited by Marla Parker  
*Solve This: Math Activities for Students and Clubs*, James S. Tanton  
*Student Manual for Mathematics for Business Decisions Part 1: Probability and Simulation*, David Williamson, Marilou Mendel, Julie Tarr, and Deborah Yoklic  
*Student Manual for Mathematics for Business Decisions Part 2: Calculus and Optimization*, David Williamson, Marilou Mendel, Julie Tarr, and Deborah Yoklic  
*Teaching Statistics Using Baseball*, Jim Albert  
*Visual Group Theory*, Nathan C. Carter  
*Which Numbers are Real?*, Michael Henle  
*Writing Projects for Mathematics Courses: Crushed Clowns, Cars, and Coffee to Go*, Annalisa Crannell, Gavin LaRose, Thomas Ratliff, and Elyn Rykken

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