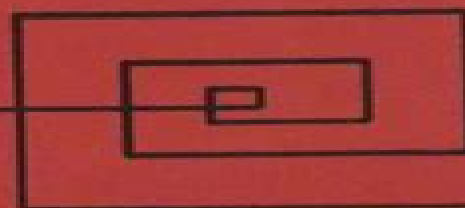


Deductive Systems:

Finite and Non-Euclidean Geometries

By Garth E. Runion and James R. Lockwood



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Deductive Systems Finite And Non Euclidean Geometries

Victor J. Katz



Deductive Systems Finite And Non Euclidean Geometries:

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substantive and elegant results are inaccessible in a one semester course At the end of each section is an ample collection of exercises of varying difficulty that provides problems that both extend and clarify results of that section as well as problems that apply those results At the end of chapters 3-7 a summary list of the new definitions and theorems of each chapter is included

Using History to Teach Mathematics Victor J. Katz, 2000-09-21 This volume examines how the history of mathematics can find application in the teaching of mathematics itself

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Guidelines for the Continuing Mathematical Education of Teachers 1988 Mathematical Association of America. Committee on the Mathematical Education of Teachers, 1988

Mathematics Education in Secondary Schools and Two-year Colleges Paul J. Campbell, Louise S. Grinstein, 1988

Modern Geometries James R. Smart, 1998 This comprehensive best selling text focuses on the study of many different geometries rather than a single geometry and is thoroughly modern in its approach Each chapter is essentially a short course on one aspect of modern geometry including finite geometries the geometry of transformations convexity advanced Euclidian geometry inversion projective geometry geometric aspects of topology and non Euclidean geometries This edition reflects the recommendations of the COMAP proceedings on Geometry's Future the NCTM standards and the Professional Standards for Teaching Mathematics References to a new companion text *Active Geometry* by David A Thomas encourage students to explore the geometry of motion through the use of computer software Using *Active Geometry* at the beginning of various sections allows professors to give students a somewhat more intuitive introduction using current technology before moving on to more abstract concepts and theorems

The MATYC Journal, 1978

Resources in Education, 1979

Developing Mathematically Promising Students Linda Jensen Sheffield, 1999 Developing mathematically promising students

MAA Notes, 1983

The Journal of Philosophy, Psychology and Scientific Methods, 1917

Reading in the Mathematics Classroom Cyrus F. Smith, Henry S. Kepner, 1981 The concept that it is important for students to learn how to read the language of mathematics is promoted Most mathematics teachers neither have the knowledge nor feel the responsibility to develop reading skills in their students The materials in this document are viewed to be of sufficient variety and potential for making important improvements in mathematics classrooms The teaching ideas are based on the well accepted notion that learning results from interest in a subject Providing that interest through readiness is considered the key Individual chapter titles are 1 The Reading Phase of Mathematics 2 The Instructional Framework 3 The Structured Overview 4 The Development of Mathematics Vocabulary 5 The Dilemma of Word Problems 6 The Readability of Mathematics Materials and 7

Concluding Remarks Additional Mathematics Reading Resources Teacher Focus Recreational Supplementary Resources
Student Focus and References are found at the conclusion of the document MP **Mathematics Magazine** ,1979
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