CONTENTS

ARTICLES

- by David W. Lyons
- 107 The Dinner-Diner Matching Problem, by Barbara H. Margolius

NOTES

- 119 A Natural Generalization of the Win-Loss Rating System, by Charles Redmond
- 126 Volume, Surface Area, and the Harmonic Mean, by Paul Fjelstad and Ivan Ginchev
- 129 Markov Chains for the RISK Board Game Revisited, by Jason A. Osborne
- 136 Proof Without Words: The Cube as an Arithmetic Sum, by Roger B. Nelsen
- 137 Visualizing a Nonmeasurable Set, by Saleem Watson and Arthur Wayman
- 142 Math Bite: Convergence of *p*-series, by Sidney H. Kung
- 143 A Classification of Matrices of Finite Order Over C, R, and \mathbb{Q} , by Reginald Koo
- 149 Math Bite: The Extra Distance in an Outer Lane of a Running Track, by Elliott A. Weinstein

PROBLEMS

- 152 Quickies 929–930
- 152 Solutions 1643–1646
- 155 Answers 929–930

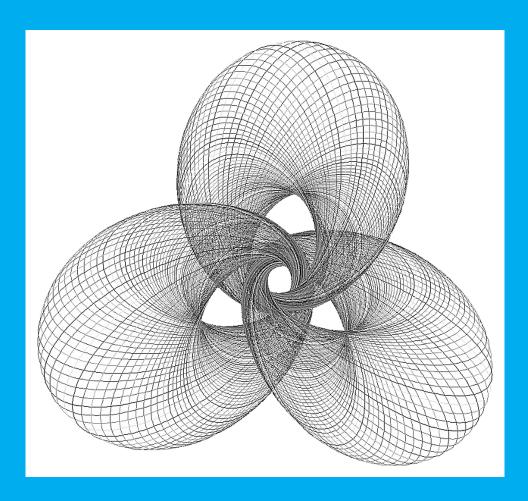
REVIEWS

NEWS AND LETTERS

158 31st United States of America Mathematical Olympiad



MATHEMATICS MAGAZINE



- An Elementary Introduction to the Hopf Fibration
- C. S. Peirce and the Bell Numbers
- The Dinner-Diner Matching Problem

An Official Publication of The MATHEMATICAL ASSOCIATION OF AMERICA