12th ACMS Conference Proceedings Table of Contents

Gordon College (1999)

INTRODUCTION

CONFERENCE PROGRAM

ABSTRACTS OF INVITED PAPERS

- "Euler's Sums and Euler's Crumbs", p.1
 William Dunham, Muhlenberg College
- "The Calvin Center Writing Project", p.3

PAPERS WITH A PHILOSOPHICAL EMPHASIS

- "The Deconstruction of Mathematics", p.7
 David Stucki, Otterbein College
- "Determinism, Chaos, and the Meaning of Randomness, or Quantum Theory and the Sovereignty of God", p.22
 John Wicks, North Park University

PAPERS WITH A CHRISTIAN EMPHASIS

- "Willing the Will of God", p.42
 Harold Heie, Center for Christian Studies
- "Can Mathematics Be Taught in a Christian Way?", p.59
 Johan H. de Klerk, Potchefstroom University
- "Lewis Carroll: Author, Mathematician, and Christian", p.64
 David L. Neuhouser, Taylor University, page 64

PAPERS ON MATHEMATICAL TOPICS

- "Hyperbolic Geometry and Poincare's Half-Plane Model", p.81
 Robert Frank, Seton Hill College
- "Using Mathematica to Explore Abstract Algebra", p.96
 Al Hibbard, Central College
- "Noncommutative Algebraic Geometry", p.111
 Dennis Keller, University of Michigan

- "Tracking the Trochoid on Safari", p.115
 Andrew Simoson, King College
- "On the Solutions of a Family of Sextic Thue Equations", p.129
 Alain Togbe, Greenville College

REPORTS ON SOME EXPERIENCES

- "A Mathematician at the Science and Theology Book Club", p.138
 Greg Crow, Point Loma Nazarene University
- "Doubt and Certainty-A Book and Idea Review", p.141
 Richard Laatsch, Miami University (Ohio)
- "Teaching Linear Algebra and Abstract Algebra With Two Way Video and Audio", p.146 Edward Reinke, Concordia University (Nebraska), page 146

BOOK REVIEWS

- "Fashionable Nonsense: Postmodern Intellectuals' Abuse of Science", p.148
 Alan Sokal and Jean Bricmont reviewed by David J. Stucki, Otterbein College
- "An Imaginary Tale: The Story of ?-1", p.149
 Paul J. Nahin
 reviewed by Michael O'Leary, Concordia University (Illinois)
- "Revolutions in Mathematics", p.150
 edited by Donald Gillies
 reviewed by Kevin Vander Meulen, Redeemer College
- "The Man Who Loves Only Numbers: The Story of Paul Ernos and the Search for Mathematical Truth", p.151
 Paul Hoffman reviewed by Maria Zack, Point Loma Nazarene University
- "The Language of Mathematics: Making the Invisible Visible",
 p.153
 Keith Devlin
 reviewed by Charles Hampton, The College of Wooster
- "Virtual Gods: The Seduction of Power and Pleasure in Cyberspace", p.155
 edited by Tal Brooke
 reviewed by Jonathan R. Senning, Gordon College

- "The Number Sense: How the Mind Creates Mathematics", p.157
 Stanislas DeHaene
 reviewed by Mary Vanderschoot, Concordia College (Minnesota)
- "Math: Facing an American Phobia", p.159
 Marilyn Burns
 reviewed by Stephen L. Brown, Olivet Nazarene University
- "The Philosophy of Mathematics", p.166
 W.S. Anglin
 reviewed by Richard D. Rockwell, Pacific Union College

LIST OF CONFERENCE DELEGATES, p.167

CONFERENCE PHOTOGRAPH, p.171