

## Table of Contents

**Introduction**

**Conference Program**

### Abstracts of Invited Papers

*Euler's Sums and Euler's Crumbs* 1  
William Dunham, Muhlenberg College

*The Calvin Center Writing Project* 3

### Papers with a Philosophical Emphasis

*The Deconstruction of Mathematics* 7  
David Stucki, Otterbein College

*Determinism, Chaos, and the Meaning of Randomness, or Quantum Theory and the Sovereignty of God* 22  
John Wicks, North Park University

### Papers with a Christian Emphasis

*Willing the Will of God* 42  
Harold Heie, Center for Christian Studies

*Can Mathematics Be Taught in a Christian Way?* 59  
Johan H. de Klerk, Potchefstroom University

*Lewis Carroll: Author, Mathematician, and Christian* 64  
David L. Neuhouser, Taylor University

### Papers on Mathematical Topics

*Hyperbolic Geometry and Poincare's Half-Plane Model* 81  
Robert Frank, Seton Hill College

*Using Mathematica to Explore Abstract Algebra* 96  
Al Hibbard, Central College

*Noncommutative Algebraic Geometry* 111  
Dennis Keller, University of Michigan

*Tracking the Trochoid on Safari* 115  
Andrew Simoson, King College

*On the Solutions of a Family of Sextic Thue Equations* 129  
Alain Togbe, Greenville College

## Reports on Some Experiences

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

## Book Reviews

- Fashionable Nonsense: Postmodern Intellectuals' Abuse of Science* 148  
Alan Sokal and Jean Bricmont  
reviewed by David J. Stucki, Otterbein College
- An Imaginary Tale: The Story of  $\sqrt{-1}$*  149  
Paul J. Nahin  
reviewed by Michael O'Leary, Concordia University (Illinois)
- Revolutions in Mathematics* 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* 151  
Paul Hoffman  
reviewed by Maria Zack, Point Loma Nazarene University
- The Language of Mathematics: Making the Invisible Visible* 153  
Keith Devlin  
reviewed by Charles Hampton, The College of Wooster
- Virtual Gods: The Seduction of Power and Pleasure in Cyberspace* 155  
edited by Tal Brooke  
reviewed by Jonathan R. Senning, Gordon College
- The Number Sense: How the Mind Creates Mathematics* 157  
Stanislas DeHaene  
reviewed by Mary Vanderschoot, Concordia College (Minnesota)
- Math: Facing an American Phobia* 159  
Marilyn Burns  
reviewed by Stephen L. Brown, Olivet Nazarene University
- The Philosophy of Mathematics* 166  
W.S. Anglin  
reviewed by Richard D. Rockwell, Pacific Union College

- List of Conference Delegates 167
- Conference Photograph 171