

CANADIAN SOCIETY FOR THE HISTORY AND PHILOSOPHY OF MATHEMATICS

ANNUAL MEETING - JUNE 7 - 8, 1984

UNIVERSITY OF GUELPH

ALL SESSIONS ARE HELD IN ROOM 316, MACKINNON BUILDING

Thursday, June 7

- 10.00 A.M. Alejandro R. Garciadiego, Universidad Nacional Autonoma de Mexico: "The Emergence of Some of the Non-logical Set-theoretic Paradoxes, 1903 - 1908."
- 10.30 A.M. Marshall Walker, York University: "The Mathematical Commentary on lines 31b - 32c of Plato's Timaeus."
- 11.00 A.M. Irving Anellis, University of Iowa: "Russel's Reaction to Cantorian Set Theory 1896-97"
- 12.00 A.M. Lunch
- SPECIAL SESSION TO COMMEMORATE THE 300TH ANNIVERSARY OF LEIBNIZ'S FIRST PUBLICATION ON THE CALCULUS.
- 1:30 P.M. Erwin D. Kreyszig, University of Windsor: "Gottfried Wilhelm Leibniz: 300 Years of Calculus."
- 2:00 P.M. Craig Fraser, University of Toronto: "D'Alembert, Infinitesimals and Mechanics"
- 3:00 P.M. Ross Willard, University of Waterloo: "A Foundational Difficulty in the Calculus Arising from the Isochronism of the Cycloid."
- 3:30 P.M. S. Thomeier, Memorial University: "The History of Calculus and its importance in the Mathematics Curriculum."
- 4:00 P.M. Edward Barbeau, University of Toronto: "What are Lagrange Multipliers?"
- 5:00 P.M. to 6:30 P.M. RECEPTION, Presidents House, University of Guelph.

Friday, June 8, 1984

- 9:30 A.M. Israel Kleiner, York University: "Some Events in the Evolution of Group Theory"
- 10:30 A.M. COFFEE
- 10:45 A.M. Lesley Cormack, University of Toronto: "The Canon Mathematicus: Early Thought on Algebra by Francois Vieta."
- 11:15 A.M. Francine Abeles, Kean College of New Jersey: "Determinants and Linear Systems: Charles Dodgson's Looking glass View"
- 11:45 A.M. Lunch and Business Meeting.
- 1.30 P.M. Abe Shenitzer, York University: "History and the Teaching of Mathematics: Two Educational Concerns."
- 2:00 P.M. Louis Charbonneau, Universite de Quebec a Montreal: "History and Teaching: Why I Lost Some Hope, or CAN YOU HELP ME!?"
- 3:00 P.M. Roger Herz-Fishler, Carleton University, & Leonard Curchin, University of Western Ontario: "De Quand Date le Premier Rapprochement Entre la Suite de Fibonacci et la Division en Extreme et Moyenne Raison?"
- 3:30 P.M. Len Berggren, Simon Fraser University: "The History of Islamic Mathematics: The Present State of the Art"