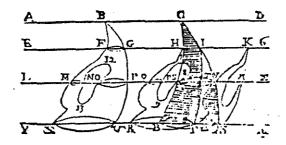
PROCEEDINGS OF THE

Canadian Society for the History and Philosophy of Mathematics

Société Canadienne d'Histoire et Philosophie des Mathématiques



Volume 9
Twenty-Second Annual Meeting

Brock University
St. Catherines, Ontario
May 30-June 1, 1996

Edited by

J.J. Tattersall
Providence College
Providence, Rhode Island

Proceedings of the CSHPM/SCHPM 22ed Annual Meeting Brock University May 30-June 1, 1996

Table of Contents

P	r	e	f	a	c	e

Special Session/Session Spéciale Ancient Mathematics

William S. Anglin (University of Toronto) Did Zhao Shuang Prove the Theorem of Pythagorus?	•	•	٥	•	. 1
Daryn Lehoux (University of Toronto) The Locus Theorem in Pappus and Proclus		•	. •	•	13
Jonathan P. Selden (Concordia University) Two Remarks on Ancient Greek Geometry	•	•	•		26
Glen Van Brummelen (The King's University) Use and Abuse of Statistics in Ancient Astronomy				•	31

Regular Session/Session Ordinaire Contributed Papers

Francine F. Abeles (Kean College of New Jersey) Infinitesimals <u>are Numbers</u>
Rebecca Adams (Southern California College) From Analysis to General Topology via the Borel Theorem
Christopher Baltus (SUNY College at Oswego) Separating Roots of a Polynomial: Lagrange and his Successors
Thomas L. Barlow (Villanova University) Kenneth O. May and the Theory of Social Choice 73
Edward L. Cohen (University of Ottowa) Gregorian Dates for the Jewish New Year
Hardy Grant (York University) Some Thoughts on the History of Beauty in Mathematics 91
Barnabus Hughes (California State University, Northridge) Early Voyages into Logarithmic Seas
Israel Keiner (York University) A Historically Focused Course in Abstract Algebra 108
Erwin Kreyszig (Carleton University) Leonard Euler as an Applied Mathematician and Engineer
Gregory H. Moore (McMaster University) Felix Hausdorff and the Emergence of Order: 1900-1908 121
James J. Tattersall (Providence College) Davenant's problem