BIBLIOGRAPHIC NOTICES

by

IRVING H. ANELLIS

Francine F. ABELES, *Infinitesimals are numbers*, Proceedings of the Canadian Society for the History and Philosophy of Mathematics/Société Canadienne d'Histoire et Philosophie des Mathématiques, vol. 9, Twenty-Second Annual Meeting, Brock University, St. Catharines, Ontario, May 30 – June 1, 1996, 38–47. Sketch of the history of the concept of infinitesimals, from Leibniz to Abraham Robinson's development of nonstandard analysis, with special consideration to the contributions of Charles L. Dodgson.

Rebecca ADAMS, *From analysis to general topology via the Borel Theorem*, Proceedings of the Canadian Society for the History and Philosophy of Mathematics/Société Canadienne d'Histoire et Philosophie des Mathématiques, vol. 9, Twenty-Second Annual Meeting, Brock University, St. Catharines, Ontario, May 30 – June 1, 48–62. An exposition of *compactness* through a historical discussion of its origins.

James E. BAUMGARTNER, *In Memoriam: Paul Erdös, 1913 – 1996*, Bulletin of Symbolic Logic **3** (1997), 70–72. This obituary of Erdös focuses on his contributions to set theory.

Leo CORRY, Review of José Ferreirós Dominguez, *El nacimiento de la teoria de conjuntos, 1854–1980*, LLULL: Revista de la Sociedad Español de Historia de las Ciencias y de las Técnias **19**, no. 37 (1996), 613–617.

José FERREIRÓS, *Traditional logic and the early history of sets, 1854 – 1908*, Archive for the History of Exact Sciences **50** (1996), 1–67. Asserts that Cantor is correctly regarded as the founder of transfinite set theory, but that Riemann and Dedekind already were using sets in their work.

Nadine GESSLER, *George Boole et l'algèbre de la logique*, in *Études logiques* (Neuchâtel, Université de Neuchâtel, 1993), 123–169. Explores the connections between Boole's ideas and the work of George Peacock and Augustus De Morgan and the influences which Peacock's symbolic algebra and De Morgan's formal logic had on Boole.

Mariano HORMIGON, Review of David Hilbert, *Fundamentos de las Matematicas* (Selección e introducción de Carlos Alvarez y Luis Felipe Segura), LLULL: Revista de la Sociedad Español de Historia de las Ciencias y de las Técnias **17**, no. 33 (1994), 525–527.

Donald A. MARTIN, *Recent work on large cardinals and determinacy*, Bulletin of Symbolic Logic **3** (1997), 80. Abstract of a talk delivered at the