

## BIBLIOGRAPHIC NOTES

by

Irving H. ANELLIS

Peter ACKROYD, *The road to Wonderland*, The New York Times Book Review, November 12, 1995, p. 13. Review of Morton N. Cohen, *Lewis Carroll: A biography*. Cohen's biography, the reviewer says, "asks" and "answers" the question: "What turned the mathematician Charles Dodgson into the storyteller Lewis Carroll? Go ask Alice." (See note on [Cohen 1995].)

Irving H. ANELLIS, *Non-euclidean geometry in the pre-Principia development of Russell's logical program, from An Essay on the Foundations of Geometry (1897) to "The Axioms of Geometry" (1899)*, in A. P. Shirokov (editor), *In Memoriam N. I. Lobachevskii*, vol. III, pt. 2. *Collection des mémoires présentés par les savants de divers pays à la Société Physico-Mathématique de Kazan à l'occasion de la célébration du bicentenaire de N. I. Lobachevsky* (Kazan, Izdat. Kazanskogo Universiteta, 1995), 104–115. Argues that "Russell's studies of non-euclidean geometry in the 1890's was a very important prelude to his later work in logic and foundations of mathematics, leading up to his work with Whitehead on the *Principia Mathematica*."

В. А. БАЖАНОВ, *Прерванный полет. История "Университетской" философии и логики в России* (Москва, Издат. Московского Государственного Университета, 1995). This monograph is a slightly expanded version of the paper originally appearing as *История "Университетской" философии и логики в России. Взгляд из Казани* in *Modern Logic* 4 (1994), 109–147.

George BOOLOS, *Gödel's second incompleteness theorem explained in words of one syllable*, *Mind* 103 (1994), no. 409, 1–3. Shows how to derive the formalized Gödel second incompleteness theorem from the Hilbert-Bernays derivability conditions using the diagonalization lemma.

George BOOLOS, *Frege's theorem and the Peano postulates*, *Bulletin of Symbolic Logic* 1 (1995), 317–326. Argues and sets out to prove that Frege "provided a consistent theory of natural numbers altogether different from those of Dedekind, Russell and Whitehead, Zermelo, von Neumann, and the several founders of combinatory logic and the lambda-calculus" since Frege derived arithmetic from Frege arithmetic, which is "equi-consistent with full second-order arithmetic" (p. 317).

Nathalie CHARRAUD, *Infini et inconscient. Essai sur Georg Cantor. Psychanalyse* (Paris, Anthropos, 1994). The author attempts to psychoanalyze Cantor and his work and to provide a psychological history of Cantor's work and its origins.

Morton N. COHEN (editor), *Lewis Carroll: Interviews and recollections* (Iowa City, University of Iowa Press, 1989). A wide-ranging miscellany of anec-