Books Received

Books marked with an asterisk (*) are still available for review.

*Irving H. ANELLIS, *Van Heijenoort: Logic and Its History in the Work and Writings of Jean van Heijenoort* (Ames, Modern Logic Publishing, 1994)

*Sasaki CHIKARA, Sugiura MITSUO and Joseph W. DAUBEN (editors), *The Intersection of History and Mathematics* (Basel/Boston/Berlin, Birkhäuser, 1994)

*Б.И. ФЕДОРОВ & З.О. ДЖАЛИАШБИЛИ, *Логика компьютерного диалога* (Москва, «Онега», 1994)

Solomon FEFERMAN, *et al* (editors), *Kurt Gödel. Collected Works, volume III: Unpublished Essays and Lectures* (New York/Oxford, Oxford University Press, 1995)

Philip EHRLICH (editor), *Real Numbers, Generalization of the Reals, and Theories of Continua* (Dordrecht/Boston/London, Kluwer, 1994)

*Dov GABBAY, Ian HODKINSON & Mark REYNOLDS, *Temporal Logic: Mathematical Foundations and Computational Aspects*, vol. 1 (New York, Oxford University Press, 1994)

Alexander GEORGE (editor), *Mathematics and Mind* (New York, Oxford University Press, 1994)

Shaughan LAVINE, *Understanding the Infinite* (Cambridge, MA/London, Harvard University Press, 1994)

*Norman MACRAE, *John von Neumann* (New York, Pantheon, 1992)

Grzegorz MALINOWSKI, *Many-Valued Logics* (Oxford, Clarendon Press, 1993)

*Witold MARCISZEWSKI and Roman MURAWSKI, *Mechanization of Reasoning from a Historical Perspective* (Amsterdam/Atlanta, Rodopi, 1995)

*Jean-Paul PIER (editor), *Development of Mathematics 1900 – 1950* (Basel/Boston/Berlin, Birkhäuser, 1994)

Jarmo PULKKINEN, *The Threat of Logical Mathematism: A Study on the Critique of Mathematical Logic in Germany at the Turn of the 20th Century* (Frankfurt am Main/Berlin/Bern/New York/Paris/Vienna, Peter Lang GmbH, 1994)

*W.V. QUINE, *Selected Logic Papers* (Cambridge, MA, Harvard University Press, enlarged edition, 1995)

N. SHANKAR (editor), *Metamathematics, Machines, and Gödel's Proof* (Cambridge, Cambridge University Press, 1994)

Sun-Joo SHIN, *The Logical Status of Diagrams* (Cambridge/New York, Cambridge University Press, 1994)

*Charles L. SILVER, *From Symbolic Logic ... To Mathematical Logic* (Dubuque/Melbourne/Oxford, Wm. C. Brown, 1994)

Raymond M. SMULLYAN, *Diagonalization and Self-Reference* (New York/Oxford, Oxford University Press, 1994)

Josef SPECK (editor), *Grundprobleme der großen Philosophen. Philosophie der Neuzeit VI. Tarski, Reichenbach, Kraft, Gödel, Neurath* (Göttingen, Vandenhoeck & Ruprecht, 1992). [Reviewed this issue.]

Alfred TARSKI (edited by Jan Tarski), *Introduction to Logic and to the Methodology of the Deductive Sciences* (New York/Oxford, Oxford University Press, 4th ed., 1994)

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Carlos J. ÁLVAREZ, *Sur l'origine de l'hypothèse du continu*, Sciences et techniques en perspective **26** (1993), 250–273. The history of the origin of the Continuum Hypothesis in Cantor's work is presented, along with Cantor's developing views on CH.

Michael BYRD, "Part V of *The Principles of Mathematics*", *Russell* n.s. **14** (no. 1, Summer 1994), 47–86. The author provides a collation of the printer's copy of Part V of *The Principles of Mathematics* and the printed text of the first edition and sketches the differences which developed in Russell's thought on continuity and infinite between November 1900 when much of the manuscript for Part V arrived at Cambridge University Press (much of the printer's copy of Part V is dated November 1900) and May 1903 when the book was published. Russell's alterations reflect advances made in his thought as a result of taking up a study of Peano's work.

Robert GOLDBLATT, *Mathematics of Modality* (Cambridge U. Press, CSLI Lecture Notes, 1993). A collection of Goldblatt's papers on modal logic.

Carlos GÓMEZ BERMÚDEZ, *Sistemas de números, infinito y teoría de conjuntos en la obra de Cantor*, Ph.D. thesis, University of Barcelona. An effort to present a philosophy-free history of the origin of Cantor's set theory, beginning with the original purpose of extending the notion of *number* up to ordinals and cardinals.

Hilbert issue, Revue International de Philosophie **47** (1993), 249–353. The entire issue is devoted to Hilbert.

Jan WOLEŃSKI, Review of Elke Brendel, *Wahrheit über der Lügner. Eine philosophisch-logische Analyse der Antinomie des Lügner*, From the Logical Point of View **3/93** (1993), 64–65. The reviewer agrees with the book's author that Tarski's solution of the Liar is the best modern treatment.

E. A. ZAITSEV, *In Memoriam: Feodr Andreevich Medvedev*, Historia Mathematica **22** (1995), 88–89. This is a reprinting, with minor differences in wording, of the obituary which appeared as the same author's "In Memoriam Fyodor Andreevich Medvedev (1923-1993)" in *Modern Logic* **4** (1994), 283–285.

E. A. ZAITSEV (compiler), *Bibliography of Scientific Books and Articles of F. A. Medvedev*, Historia Mathematica **22** (1995), 90–92.