

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)
- В. А. БАЖАНОВ, *Прерванный полет. История "Университетской" философии и логики в России* (Москва, Издат. Московского Государственного Университета, 1995)
- Sasaki SHIKARA, Sugiura MITSUO and Joseph W. DAUBEN (editors), *The Intersection of History and Mathematics* (Basel/Boston/Berlin, Birkhäuser, 1994)
- *Joseph Warren DAUBEN, *Abraham Robinson. The Creation of Nonstandard Analysis. A Personal and Mathematical Odyssey* (Princeton, Princeton University Press, 1995)
- Martin DAVIS (editor), *Solvability, Provability, Definability: The Collected Works of Emil Post* (Basel/Boston/Berlin, Birkhäuser, 1994)
- Philip EHRLICH (editor), *Real Numbers, Generalization of the Reals, and Theories of Continua* (Dordrecht/Boston/London, Kluwer, 1994)
- *Б.И. Федоров & З.О. ДЖАЛИАШВИЛИ, *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 Collected Works, volume III: Unpublished Essays and Lectures* (New York/Oxford, Oxford University Press, 1995)
- 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)
- М КАТЁТОВ and P. SIMON (editors), *The Mathematical Legacy of Eduard Čech* (Basel/Boston/Berlin, Birkhäuser, 1993)
- *Tadeusz KWIATKOWSKI, *Szkice z historii logiki ogólnej* (Lublin, Daimonion, 1993)
- 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)
- *Josep PLA I CARRERA, *Axiomes Alternatius de la Teoria de Conjunts i Llor Influència en Matemàtiques* (Barcelona, Institut d'Estudis Catalans, 1993)

- 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)
- *Ansgar RICHTER, *Der Begriff der Abduktion bei Charles Sanders Peirce* (Frankfurt am Main, Peter Lang, 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)
- 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)
- *Nicla VASSALLO, *La Depsicologizzazione della Logica. In confronto tra Boole e Frege* (Milaon, FrancoAngeli, 1995)
- *Ewa ZARNECKA-BIAŁY, *Mała logika* (Kraków, Uniwersytet Jagielloński, 1993)

BIBLIOGRAPHIC NOTES

by

Irving H. ANELLIS

W. S. ANGLIN & J. LAMBEK, *The Heritage of Thales* (New York/Berlin/Heidelberg/London/Paris/Tokyo, Springer-Verlag, 1995). A general expository, but incomplete, history of mathematics which gives consideration to several topics in the history of logic, including a proof of Gödel's incompleteness theorem(s) and a discussion of their implications and the elements of category theory.

Kirby A. BAKER, *Bjarni Jónsson's contributions in algebra*, *Algebra Universalis* **31** (1994), 306–336. A review of Jónsson's contributions to algebra, including his work on Boolean algebras and on relational structures for algebras.

J. L. BELL, *Type Reducing Correspondences and Well-orderings: Frege's and Zermelo's Constructions Re-examined*, *Journal of Symbolic Logic* **60** (1995),