

# MODERN LOGIC

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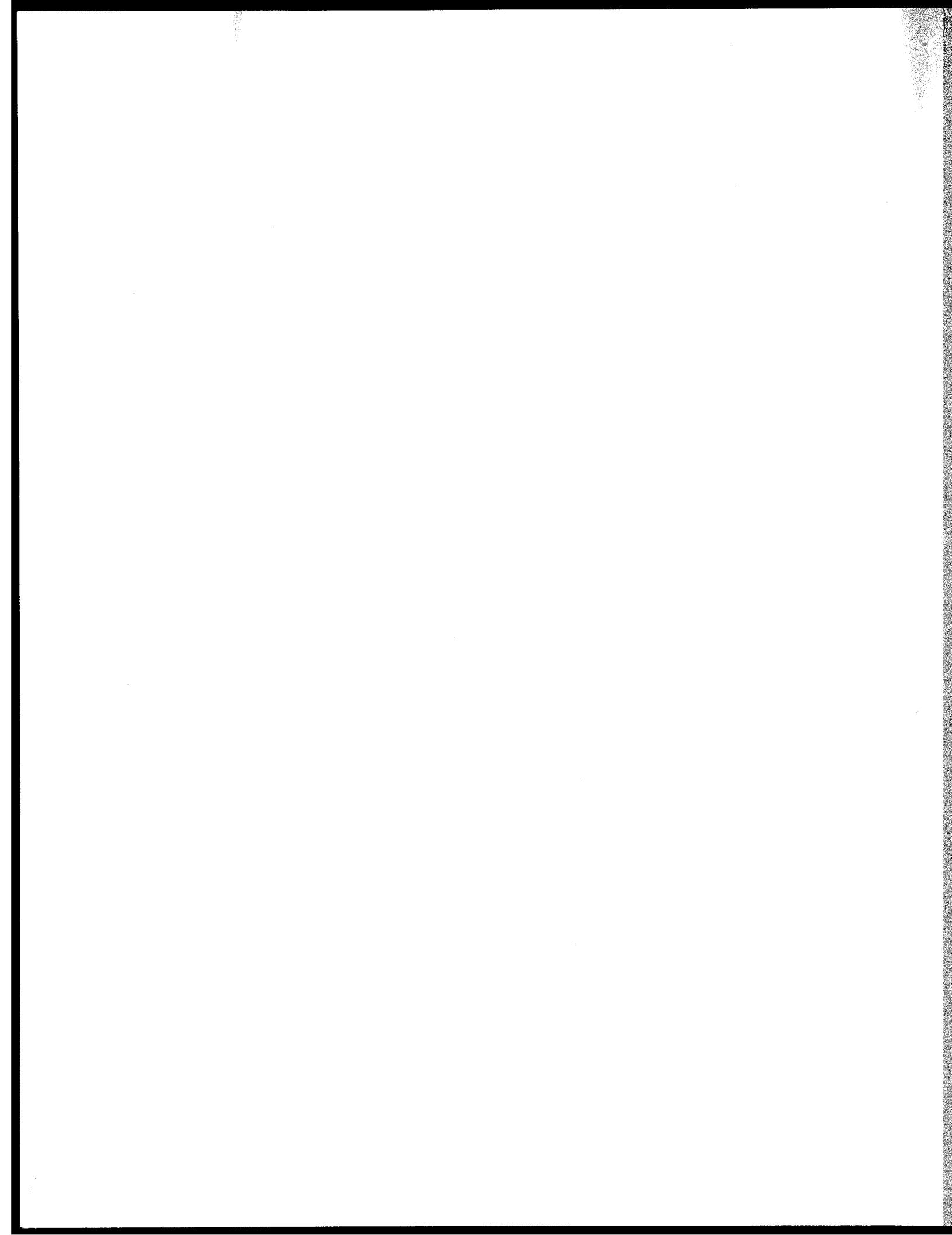
Vol. 4, no. 3

(July 1994)

*Mathematical logic...is the modern form of logic developed in the last hundred years.*  
— Rudolf Carnap (1954)

Modern Logic Publishing – Irving H. Anellis, Editor & Publisher  
Box 1036, Welch Avenue Station  
Ames, Iowa 50014–1036, USA

ISSN 1047–5982



# $\aleph$ Modern Logic $\omega$

International Journal of the History of Mathematical Logic, Set Theory, and  
Foundations of Mathematics

Revue International d'Histoire de Logique Mathématique, Théorie des Ensembles et des  
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Internationale Zeitschrift für Geschichte der mathematischen Logik, Mengenlehre und  
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Volume 4, no. 3  
(July 1994)

## Modern Logic Publishing

(Member of COSMEP – The International Association of Independent Publishers)

Irving H. Anellis, Publisher; Henry Kormin, Executive Administrator

2408 1/2 Lincoln Way (Upper Level)

Ames, Iowa 50014-7217, USA

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e-mail: F1.MLP@ISUMVS (bitnet); F1.MLP@ISUMVS.IASTATE.EDU (internet)

Printed by Sigler Printing & Publishing  
413 Northwestern Avenue, Ames, IA 50010-0887, USA

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International Journal of the History of Mathematical Logic, Set Theory,  
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Published by Modern Logic Publishing, Dr. Irving H. Anellis, Editor & Publisher;  
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vol. 4, no. 3  
(July 1994)

ISSN 1047-5982

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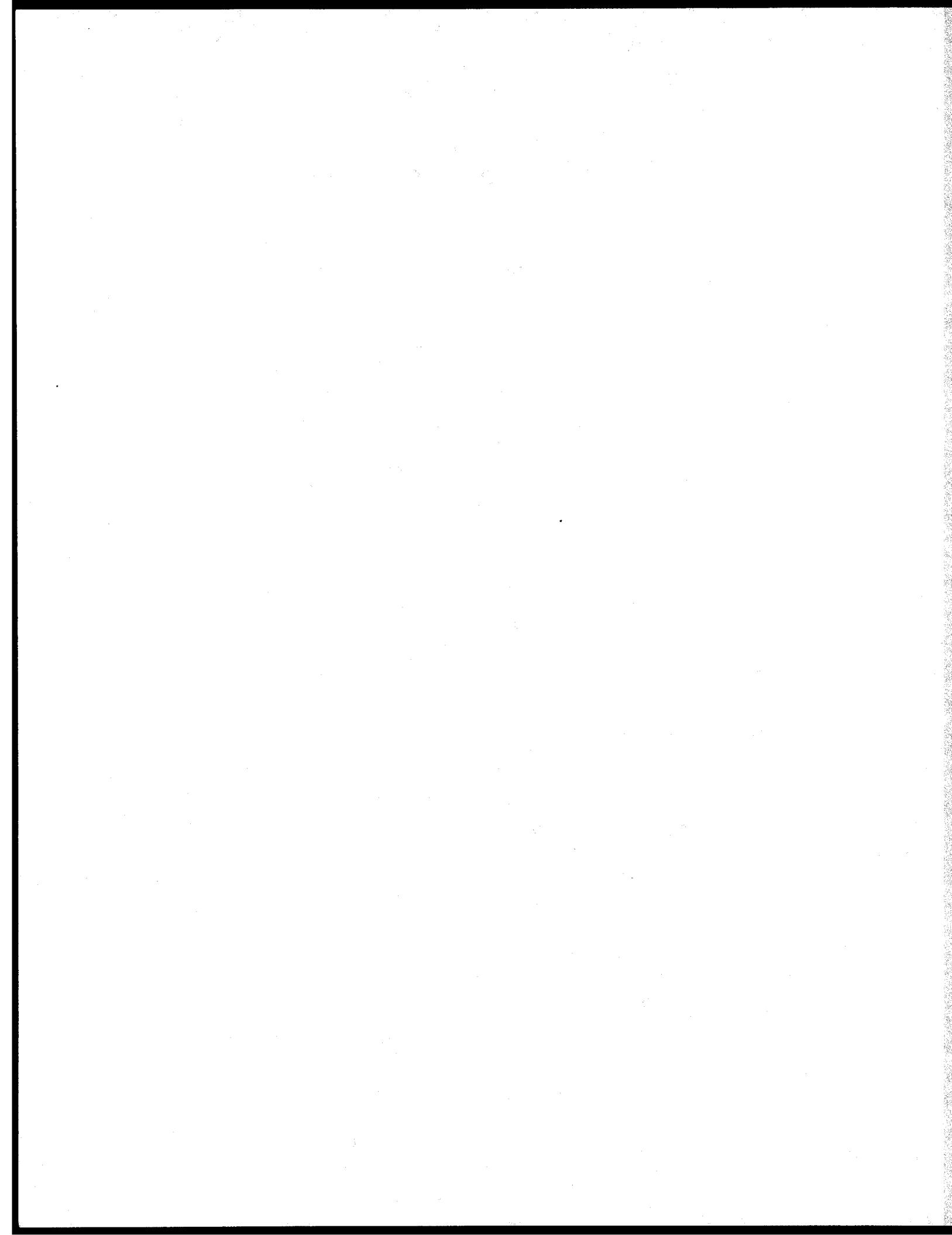
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Irving H. ANELLIS, *Van Heijenoort: Logic and Its History in the Work and Writings of Jean van Heijenoort*

Jean van Heijenoort (1912 – 1986) was best known as a historian of logic and for his influential anthology *From Frege to Gödel* collecting many of the research papers that shaped the early history of mathematical logic. His own contributions to mathematical logic, especially to the falsifiability tree method, hitherto generally unknown, are detailed here by his last doctoral student.

Anellis chronicles van Heijenoort's academic life and scholarly career. The central focus are van Heijenoort's contributions to mathematical logic and to the study of its history, using van Heijenoort's publications, classroom lectures, and unpublished notes and manuscripts. Also covered are van Heijenoort's education, the influence of his seven years as Trotsky's personal secretary and bodyguard, his development as a teacher, logician and historian of logic, and his views on philosophy of logic and mathematics.

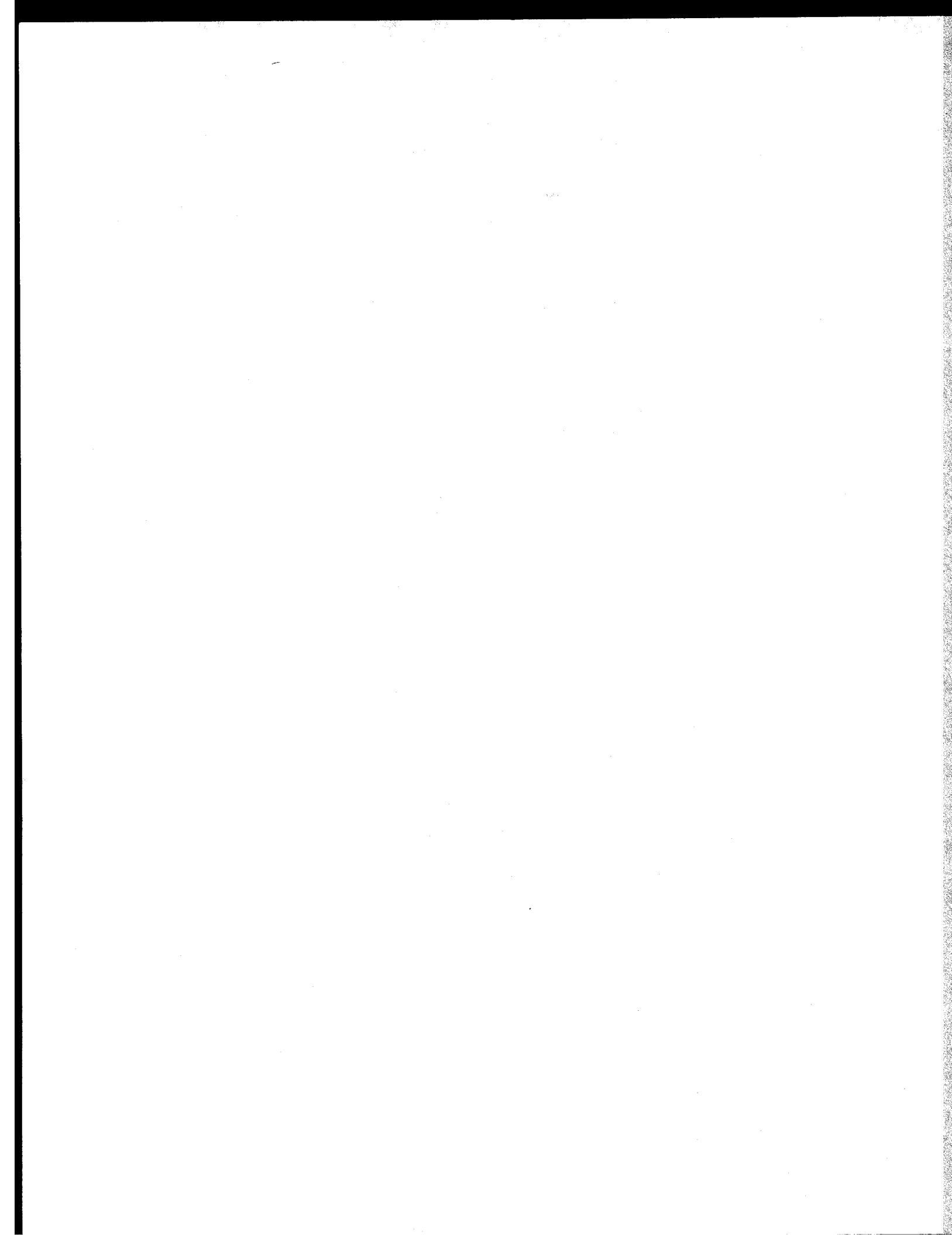
Pre-publication comments:

"A thorough and impressive job on van Heijenoort. I am much informed."  
– W.V. QUINE (Harvard University)

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