



Francine F. Abeles, Mark E. Fuller (Eds.)

# Modern Logic 1850-1950, East and West

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- Presents the views of authors from the USA and Canada, and from France, Italy, the Netherlands, Poland and Russia
- Highlights the work of Charles Sanders Peirce and the lesser known history of alternative logics in the East and West

This book presents diverse topics in mathematical logic such as proof theory, meta-mathematics, and applications of logic to mathematical structures. The collection spans the first 100 years of modern logic and is dedicated to the memory of Irving Anellis, founder of the journal 'Modern Logic', whose academic work was essential in promoting the algebraic tradition of logic, as represented by Charles Sanders Peirce. Anellis's association with the Russian logic community introduced their school of logic to a wider audience in the USA, Canada and Western Europe. In addition, the collection takes a historical perspective on proof theory and the development of logic and mathematics in Eastern Logic, the Soviet Union and Russia. The book will be of interest to historians and philosophers in logic and mathematics, and the more specialized papers will also appeal to mathematicians and logicians.

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