

Introducing **Modern Logic**

The new international journal **Modern Logic** is intended to serve as a vehicle for the rapid publication of high-quality historical studies and expository surveys of nineteenth and twentieth century mathematical logic, set theory, and foundations of mathematics. We shall strive to represent every major area of mathematical logic, including model theory, recursion theory, algebraic logic and Boolean algebras, general set theory and point-set theory, proof theory and constructive mathematics. Topics are defined broadly, to include the connections of logic and set theory with such related areas as universal algebra, lattice theory and ordered sets, combinatorics, category theory, foundations of analysis, topology, and computer science.

Historical studies which extend the knowledge of specialists, which provide historical background to contemporary researchers in logic who are not specialists in the history of logic, or which present new interpretations of materials already available are all welcome. These goals are not necessarily mutually exclusive, and **Modern Logic** will therefore consider both original historical research and historical surveys. As a service to the community, we will also publish research bibliographies, reviews of books on the history of logic and books which have had significant impact on the development of logic, as well as reviews of collections of the works of leading logicians, and previously unpublished or newly discovered writings of logicians that are of historical interest. To this same purpose, we will also publish news and announcements of special interest.

Expository surveys of recent and contemporary research in the specialized subfields of logic and closely related areas are also welcome. The goals of these studies may be to provide to researchers working in other various specialized subfields an overview of the work surveyed, to summarize the most important new and recent results in these areas, for possible use in their own work by colleagues who may not be familiar with those results, or in general to provide a unified and coherent understanding of contemporary work in mathematical logic as a discipline.

Papers will be accepted in Dutch, English, French, German, Italian, Polish, Russian, and Spanish. In exceptional cases, papers in Portuguese or Japanese may also be considered. Authors are also asked to include a descriptive summary or abstract (not to exceed one page in length) in at least one other of these languages, preferably English, French, German, or Russian. (To ensure that topics of proposed contributions are suitable, prospective authors may prefer to submit extended abstracts for approval prior to submitting complete manuscripts and are encouraged to do so if they wish.)

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