The Bulletin of Symbolic Logic
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# THE BULLETIN OF SYMBOLIC LOGIC

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At the 1993 Annual meeting of the *Association for Symbolic Logic*, the Council of the association voted to establish a new journal to be called *The Bulletin of Symbolic Logic*. The intended goal of the Council was to produce a journal that would be both accessible and of interest to as wide an audience as possible, with the stated purpose of keeping the logic community abreast of important developments in all parts of our discipline. The first issue was to appear in March of 1995 and you now have it in your hands.

In accordance with the Council resolution, we intend to publish primarily two types of papers. The first section of *The Bulletin*, *Articles*, will usually be devoted to works of an expository or survey nature. These papers will generally present topics of broad interest in a way that should be accessible to a large majority of the members of the Association. Topics will be drawn from all areas of logic including mathematical or philosophical logic, logic in computer science or linguistics, the history or philosophy of logic, logic education and applications of logic to other fields. One view of a role that this section of *The Bulletin* will play is as an ongoing handbook of logic. Thus while most *Articles* will be of an introductory nature, we also see a role for expositions of more technical or specialized topics. In all cases, however, such *Articles* will be expected to pay attention to the history of the area and provide explanations for the general reader of its importance, concerns and achievements. We also expect to publish *Articles* based on major addresses delivered to the Association such as the Gödel Lectures and the Retiring Presidential Addresses when they seem appropriate for *The Bulletin*.

This issue, for example, contains two *Articles*. The first, "The mathematical work of S. C. Kleene" by Joseph Shoenfield, is a presentation of the basic work of a major figure in Logic who also played an important role in the history of the Association as both president of the association and editor of *The Journal of Symbolic Logic*. We commissioned this article last year in commemoration of Kleene's death. The second is "Platonism and mathematical intuition in Kurt Gödel's thought" by Charles Parsons and is based on his 1994 Retiring Presidential Address. It attempts to characterize both Gödel's well known realism and his conception of mathematical intuition which is described as belonging to what others might call a theory of reason.


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The second issue of *The Bulletin* should contain three *Articles*. The first will be "Inner models and large cardinals" by Ronald Jensen. It is a brief but wonderful survey of these areas of set theory as well as their relations to Axioms of Determinacy that is based on his 1990 Gödel Lecture. In addition to the major recent achievements in these areas, the article touches on both history and philosophy. The other two *Articles* will be by Angus Macintyre and Dirk van Dalen. Macintyre's piece will be based on his 1993 Gödel Lecture, "The logic of real and $p$-adic analysis: achievements and challenges" and his description of the work in this area by Alex Wilkie for which Wilkie shared the Karp prize awarded at this same meeting. Van Dalen's will be on Herman Weyl's views on constructivity. Using, in addition to the relevant publications, the correspondence between Weyl and Brouwer, it will relate Weyl's intuitionistic views to his earlier opinions and the work of Brouwer.

The second section of *The Bulletin*, *Communications*, will contain announcements of important new results and ideas in all aspects of logic. The *Communications* may be short papers in their final form or preliminary announcements (extended abstracts) of longer, full papers which will be published elsewhere. In any case, they should, in addition to a description of the new results or ideas, include enough history, background and explanation to make the significance of the work apparent to a wide audience. We will have a very fast track for refereeing and publishing the communications. Moreover, we expect them to appear within six months of the submission of final versions of the papers. As the standards for both results and exposition will be high and time to publication will be short, the *Association* expects *The Bulletin* to become *the* vehicle for keeping the entire community abreast of important developments in all areas of logic. This issue, for example, contains the *Communication* "$\mathrm{HOD}^{L(\mathbb{R})}$ is a core model" by John Steel. It is an announcement of major advances in the study of inner models, determinacy and large cardinals that will be described in the *Article* by Jensen described above.

*The Bulletin*, will also be taking over the publication of meeting reports, abstracts and announcements from the *Journal* as well as many of the notices that have appeared in the *Newsletter* of the *Association*. In addition, we will from time to time publish other items of general interest to the logic community. For example, in 1993 the *Council* adopted the "Guidelines for Logic Education" prepared by a committee chaired by Jon Barwise with a resolution to disseminate them in an appropriate fashion. In accordance with a later decision of the *Council*, we have published them as the first item in this issue of *The Bulletin*.

We encourage the members of the *Association* and other readers of *The Bulletin* to help us fulfill the goals of the *Council* and make *The Bulletin* into the outstanding, accessible and interesting journal we hope it will soon become. Survey and expository papers and suggestions of topics for such *Articles* should be submitted to Andreas R. Blass. Other possible *Articles* as well as *Communications* can be submitted to any of the other editors: Alexander S. Kechris, Daniel Lascar, Charles D. Parsons, Andrew M. Pitts or Richard A. Shore. Postal and email addresses for all the editors are listed on the inside back cover.

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