

EDITORIAL:

IN CELEBRATION OF THE CENTENARY OF THE BIRTH OF
SOF'YA ALEKSANDROVNA YANOVSKAYASOF'YA ALEKSANDROVNA YANOVSKAYA
(1896 – 1966)

Sof'ya Aleksandrovna Yanovskaya was born on 31 January 1896. The present issue of *Modern Logic* is dedicated to the celebration of the centenary of her birth. She died on 24 October 1966 after devoting much of her life to teaching at Moscow State University and struggling during the grim Stalinist years of Russian history to justify and preserve the dignity of mathematical logic as a discipline. She influenced several generations of students, including historians of logic such as N. I. Styazhkin, and she was responsible, directly and indirectly, for

translation into Russian of many of crucial contemporary Western works in mathematical logic

Sof'ya Aleksandrovna Yanovskaya was first and foremost an historian of logic, but she also contributed immensely to the philosophy of logic and to the history and philosophy of mathematics generally.

This issue includes personal reminiscences by two of her foremost surviving students and colleagues, logician Boris Kushner and historian of mathematics Boris Rosenfeld.

It also includes the first English translation of a paper, written jointly by A. A. Markov, A. S. Kuzichev, and Z. A. Kuzicheva for a popular audience, on Yanovskaya's work in mathematical logic.

The paper "Sof'ya Aleksandrovna Yanovskaya's Contributions to Logic and History of Logic" by Irving Anellis details Yanovskaya's most important work in mathematical logic and its history and presents an extended expository survey of Yanovskaya's two most important surveys on Soviet contributions to mathematical logic in the periods 1917-47 and 1948-57.

In "Yanovskaya's 'Ghost'", Irving Anellis brings together reflections and reminiscences of Yanovskaya by her student, the late F. A. Medvedev, and others, and explores some of the influences of Yanovskaya's work as well as some of the Yanovskaya-legends which still rebounded and resounded in the halls of the mathematics faculty at Moscow State University in 1987.

Most of the photographs of "Yanovskaya's 'Children'" which accompany "Yanovskaya's 'Ghost'" were taken by Irving Anellis during the "Symposium on Philosophical Problems of the Development of Mathematics" organized by A. G. Barabashev as part of LMPS'87, the International Congress of Logic, Methodology and Philosophy of Science held in Moscow in August 1987.

Contributions by Sergei S. Demidov and by Boris Trakhtenbrot were completed too late for use in the current issue and will be included in a future issue of *Modern Logic*.

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The photographs are the property of Irving Anellis.

Editor