SOF'YA ALEKSANDROVNA YANOVSKAYA'S WORK
IN THE FIELD OF MATHEMATICAL LOGIC*

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Sof'ya Aleksandrovna Yanovskaya devoted considerable vigor and energy to the study of the foundations of mathematics and mathematical logic. She wrote articles on foundations of mathematics and mathematical logic, composed commentaries to translations on their problematic, conducted special seminars, delivered lectures. In her papers "Foundations of Mathematics and Mathematical Logic" (written so clearly and charmingly that it was recommeneded that it be included in a collection of papers surveying the state of mathematics in the USSR during the 30 years since the 1917 revolution, all the more that she put a completely accessible face on the subject, not calling for any special mathematical expertise) and "Mathematical Logic and Foundations of Mathematics"[1] in which she gave an outline and analysis of the work of Soviet students of the field of mathematical logic and foundations of mathematics.

Here we stop to consider in detail two of Sof'ya Aleksandrovna's works devoted to the subject of definition by abstraction. The first of

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