

AUTHOR'S BIOGRAPHICAL STATEMENT

Dr. Arkadij D. Zakrevskij graduated in 1956 from the Tomsk State University (Russia) with the BS degree in Radio-physics and Electronics. In 1960 he earned the Ph.D. degree also from at Tomsk State University. His dissertation title was "A matrix method for synthesis of digital systems". In 1967 earned the Dr.Sc. degree from the Institute of Automatics and Remote Control (Moscow). The title of that dissertation was "Programming language LYaPAS and automation of discrete automata synthesis".

During the years 1956-1971 he was a postgraduate student, Assistant, Associate and Full Professor at Tomsk State University - Siberian Physical-Technical Institute. He also served as the Head of the Chair of mathematical logic and programming. He taught courses on the theory of digital systems, programming, logical foundation of computers, mathematical logic, theory of probabilities, theory of Boolean functions, automata theory, and other related subjects.

Since 1971 he is the Head of the laboratory of logical design and a principal researcher at the Institute of Engineering Cybernetics (now the United Institute of Informatics Problems) of the National Academy of Sciences of Belarus. He is also a Professor at the Belarussian State University and at Belarussian State University of Informatics and Radioelectronics, Minsk, Belarus. He has taught courses on Boolean functions, graph theory, logical design of digital systems, discrete mathematics with application to CAD systems, and on the theory of logical control devices.

His research areas are on the logical theory of digital devices, theory of Boolean functions, programming automation, hard logical-combinatorial problems, logical recognition, solving logical equations, and parallel algorithms for logical control. He has published 11 books (see list below) in the above areas and also over 400 research papers. In 1972 Dr. Zakrevskij was elected a member of the National Academy of Science (NAS) of Belarus.