N. T. Kudryavtsev was chief of a team of authors who created the textbook "Applied Electrochemistry" published in 1975. He was the author of many textbooks which enjoy reputation and popularity among students.

N. T. Kudryavtsev was an active participant in various conferences, symposia, and meetings, often lectured in the House of Scientific–Technical Propaganda, and was an active member of the board of editors of the journal Zashchita Metallov. The work of Nikolai Tikhonovich Kudryavtsev was recognized with a number of high government awards, and he received the prestigious title of a "Honored Scientist and Engineer of the RSFSR."

N. T. Kudryavtsev's memory will forever remain in the hearts of his relatives and friends, colleagues and students.

VALERII ARNOL'DOVICH TYAGAI

S. I. Pekar, O. V. Snitko,
A. V. Gorodyskii, and V. E. Kazarinov

Soviet science suffered a heavy loss. Valerii Arnol'dovich Tyagai, Doctor of Chemical Sciences, a talented young scientist who had left a bright trace in Soviet science, head of the physical chemistry section of the Institute of Semiconductors, Academy of Sciences of the UkrSSR, member of the Council of Experts of the Institute of General and Inorganic Chemistry, Academy of Sciences of the UkrSSR, and chairman of the Section on the Kinetics and Thermodynamics of Electrode Processes of the Republic's Science Council, suddenly died on February 1, 1979.

V. A. Tyagai was born on December 19, 1938 in Kiev. After graduating from Kiev Polytechnic Institute he started graduate work at the Institute of Electrochemistry, Academy of Sciences of the USSR. Here he completed his first projects, which pioneered in the field of semiconductor electrochemistry and were the subject of the candidate's dissertation successfully defended in 1964. After the graduate work, V. A. Tyagai was leader, first of a group, then of a laboratory and section in the Institute of Semiconductors, Academy of Sciences of the UkrSSR and at the same time head of a group of research workers in the Institute of General and Inorganic Chemistry, Academy of Sciences of the UkrSSR.

V. A. Tyagai started a number of new lines of research in the physical chemistry of semiconductors. He was the first to study fluctuation phenomena at metal and semiconductor electrodes and showed that they contain important information about the microprocesses in electrochemical reactions; he experimentally verified the theory of electrochemical noise.

V. A. Tyagai did important research in the surface physics and electrochemistry of semiconductors and on electrooptical effects in semiconductors, determined basic band structure parameters of a wide selection of semiconductor crystals, and did theoretical calculations of electroreflectance and quantum-mechanical effects at semiconductor surfaces.

Valerii Arnol'dovich Tyagai had an unusually wide scientific horizon: from theoretical physics and chemistry to engineering realizations. He was the author of more than 100 scientific papers and four patents; His scientific activity was reflected in the proceedings of numerous symposia and conferences, both in our country and abroad.

The scientific ideas of Valerii Arnol'dovich Tyagai will be developed by his co-workers, colleagues, and friends, by all who had the fortune of working close to him.

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