

Aida TOMA¹

DR. ION VĂDUVA AN ENTHUSIASTIC, OPTIMISTIC AND VERY SUPPORTIVE PROFESSOR

On 11 July 2023, in Bucharest, Romania, the mathematical sciences community lost one of its greatest mathematicians. Professor Ion Văduva graduated in 1960 from the Faculty of Mathematics and Computer Science of the University of Bucharest and in 1968 he obtained his PhD in Mathematics at the Romanian Academy under the supervision of the Academician Gheorghe Mihoc. In 1969 he received a Master of Science in Automatic Computation from the Institute of Science and Technology, University of Manchester, United Kingdom. He spent his career first as scientific researcher at the "Simion Stoilow" Institute of Mathematics of the Romanian Academy, then as principal researcher at the Center for Mathematical Statistics of the Romanian Academy, and starting with 1970, as professor at the Faculty of Mathematics and Computer Science of the University of Bucharest.

His research work was deep and founded on creative and beautiful ideas. Professor Ion Văduva wrote more than 125 scientific articles, most of which appeared in prestigious journals. As he was passionate about science and mathematics in general, the breadth of problems he tackled was very wide. He was an exceptional scientist who made influential

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contributions in many areas of Statistics and Computer Science, including: stochastic modeling, density estimation, simulation, Monte-Carlo method, reliability and renewal, reliability of programs, intelligent systems based on uncertain and imprecise knowledge, information systems for management, fuzzy modeling, multi-attribute decision making, scan statistics. He conducted 56 PhDs in Statistics and Computer Science. By the means of the scientific seminary “Stochastic Modeling and Simulation”, he created a pleasant and useful framework for the exchange of ideas and for progress in research activity of his PhD students.

Professor Ion Văduva was extremely active in supporting the Romanian Society of Probability and Statistics, as well as the National Conference of the Romanian Society of Probability and Statistics, regularly having excellent remarks on different topics, underlying the key role of various statistical methods for applications in the age of data deluge.

Professor Ion Văduva was generous, enthusiastic, optimistic and very supportive. He had a massive impact on many mathematicians, both junior and senior. He was an outstanding leader, one whose enthusiasm and passion for science have been a motivation and a great source of inspiration for many. His absence will leave a huge hole in the hearts of many people who knew him.

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