

Anatolij Dvurečenskij; Gejza Wimmer
Professor Lubomír Kubáček septuagenarian

Mathematica Slovaca, Vol. 51 (2001), No. 5, 593--594

Persistent URL: <http://dml.cz/dmlcz/136855>

Terms of use:

© Mathematical Institute of the Slovak Academy of Sciences, 2001

Institute of Mathematics of the Academy of Sciences of the Czech Republic provides access to digitized documents strictly for personal use. Each copy of any part of this document must contain these *Terms of use*.



This paper has been digitized, optimized for electronic delivery and stamped with digital signature within the project *DML-CZ: The Czech Digital Mathematics Library* <http://project.dml.cz>

PROFESSOR LUBOMÍR KUBÁČEK SEPTUAGENARIAN

Professor Lubomír Kubáček, the founder of the Slovak school of mathematical statistics, lives to a significant anniversary. He was born on 1st February 1931 in Bratislava. He graduated from the Faculty of Civil and Geodesic Engineering of the Slovak University of Technology in Bratislava in 1954, and two times from the Faculty of Natural Sciences of Comenius University in Bratislava: in mathematical analysis in 1957 and in probability & mathematical statistics in 1964. He worked at the Geodesic Institute in Bratislava in the years 1954–1962 and as a scientific worker at the Institute of Measurement of the Slovak Academy of Sciences in the years 1962–1981. From the year 1981 he was a leading scientific worker at the Mathematical Institute of the Slovak Academy of Sciences, in the years 1988–1991 he was its director. He was conferred upon the scientific degree DrSc. in 1980. He became a corresponding member of the Slovak Academy of Sciences in 1987, a corresponding member of the Czechoslovak Academy of Sciences in 1991. Since 1995 Professor Kubáček has been the director of the Department of Mathematical Analysis and Applied Mathematics of the Faculty of Natural Sciences of Palacký University in Olomouc.

Professor Kubáček's papers from the beginning period of his scientific activity deal with a development of statistic algorithms for a more adequate evaluation of measurement results. They include development of new, more appropriate measurement models. They are based on a deep knowledge of mathematical statistics as well as on a brilliant acquaintance with technological problems. They were always motivated by concrete problems. Professor Kubáček formulated problems and found their solutions on such an abstract level that a solution of a whole class of concrete problems can be reached from there. By his deep consideration of problems of linear regression model, as well as experiments that can be modelled by it, Professor Kubáček formulated 6 typical situations (models) covering the most sophisticated measurements available till now. He models the most sophisticated complexes of scientific experiments by replicated multistage and multiepoch models. Estimating and testing procedures he uses in these models create a view into a future for many areas of science and technology, and are examples of a deep insight into problems by means of very sophisticated and complicated mathematical technologies. Apart from his original and uncommon theoretical results, Professor Kubáček is also an example of a scientist able in an extraordinary way to find mathematical-statistical models as adequate as possible for solution of a practical problems related to a wide variety of scientific and/or technical areas. His solutions are usually to a great degree more adequate and proper than previous solutions.

Professor Kubáček influenced the development of science and mathematical statistics by his direct influence and creating of the Slovak school of mathematical statistics as well as by his collaboration/cooperation with many scientific and scientific-technological institutions in Slovakia. He was a founder and director of the theoretical department, more precisely, the Department of Mathematical Statistics of the Institute of Measurement of the Slovak Academy of Sciences. He creatively collaborated with other departments of this Institute and actively contributed to the development of measurement theory, which became a significant scientific branch of the department founded and directed by Professor Kubáček. At

PROFESSOR LUBOMÍR KUBÁČEK SEPTUAGENARIAN

the Institute of Measurement of the Slovak Academy of Sciences, Slovak mathematicians Prof. Dvurečenskij, Dr. Luha, Prof. Pázmán, Assoc. Prof. Pulmannová, Assoc. Prof. Rublík, Assoc. Prof. Štulajter, Dr. Šujan, Assoc. Prof. Volaufová and Assoc. Prof. Wimmer were educated. Professor Kubáček was a tutor of Assoc. Prof. Janiga, Dr. Luha, Dr. Moll, Assoc. Prof. Volaufová, Assoc. Prof. Wimmer and others. Professor Kubáček was a member and chairman of committees for defending of CSc. (=PhD.) and DrSc. thesis, a member and chairman of many outstanding scientific committees at the Slovak Academy of Sciences, Comenius University, Slovak University of Technology and elsewhere for dozens of years.

Professor Kubáček was awarded many significant scientific awards. These include:

- Premium of the congress “Federation International des Geometres” for the best scientific paper of a geodesist younger than 35 years, in 1966,
- Silver Honorary Aurel Stodola Plaque for merits in technical sciences,
- Premium of the Slovak Literary Fund for the book “Foundations of the Estimation Theory”,
- Memorial Medal of the anniversary of the Slovak University of Technology for significant merits for development of the Slovak University of Technology,
- Honourable Mention of the Faculty of Mathematics and Physics of Comenius University for merits in development of the Faculty, mathematical-physical sciences and their teaching,
- Gold Honorary Plaque of Juraj Hronec for merits in mathematical sciences.
- Gold Plaque of Bernard Bolzano for merits in development of mathematical sciences,
- Gold Medal of the Faculty of Mathematics and Physics of Comenius University,
- Medal of the Slovak Academy of Sciences for merits in development of the science,
- Memorial Medal of the President of the Czech and Slovak Federal Republic, as well as, e.g., Honorary Plaque of the chairman of the Slovak Office of Geodesy and Cartography for merits in development of geodesy and cartography, the Prize of the Committee of the Slovak Medical Society for the best publication in 1975.

Professor Kubáček lectured, acted as thesis tutor, and organized seminars for statisticians from the praxis, he was a leading personality of the Slovak mathematical statistics in many scientific areas; geodesy, medicine, measurement theory, etc.

Professor Kubáček is the author and co-author of 7 books, 129 scientific papers, 91 professional papers, 6 lecture notes, 22 research reports and 13 popularization articles. His results were cited in more than 450 scientific papers. He belongs to the most renowned mathematical statisticians in Europe and worldwide. The complete list of his reach publication activities can be found in *Tatra Mt. Math. Publ.* **22** (2001).

By the occasion of his birthday, all his former and contemporary colleagues, students, friends, the whole Slovak and Czech mathematical community wishes Professor Kubáček good health and many further successes in solving of mathematical problems.

Ad multos annos!

Anatolij Dvurečenskij Gejza Wimmer