

**Professor**  
**Julian Ławrynowicz**  
\* 8.04.1939 † 21.09.2020



**In memory of**  
**Professor Julian Ławrynowicz**

Professor Julian Ławrynowicz was born on April 8, 1939 in Łódź in a family of teachers, his father was a math teacher. In 1955 he graduated from Stefan Żeromski XXV Secondary School in Łódź. In the years 1955-1960 he studied mathematics and simultaneously physics at the Faculty of Mathematics, Physics and Chemistry of the University of Łódź. In 1960, after graduating from these two fields of study, he started working at his Alma Mater, and from 1961 also at the Polish Academy of Sciences in Warsaw. In 1964 he defended his PhD thesis "Variation methods in the theory of quasi-conformal mappings". This work, written under the supervision of Professor Zygmunt Charzyński, was distinguished of the Polish Mathematical Society award. As a post-doc he worked at the Imperial College in London and at the University of Cambridge. At the age of 29, he obtained a habilitation degree for the dissertation "New variational methods in the theory of conformal and quasi-conformal mappings". In 1971 he got a position of junior associate professor (in Polish - docent) at the Institute of Mathematics of the Polish Academy of Sciences, and then, in 1976, after receiving an academic title of professor, a position associate professor, and in

1992 full professor. Through many years he headed the Branch of the Institute of Mathematics of the Polish Academy of Sciences in Łódź and – in the nationwide scale – Independent Laboratory of Complex Analysis and Differential Geometry. From 1983 until his retirement, he also worked in the position of full professor at the Department of Solid State Physics at the Faculty of Physics and Applied Computer Science, University of Łódź.

Julian Ławrynowicz's scientific activity was related to many research centers in Poland and abroad. Especially fruitful was his cooperation with national centers in: Lublin, Kraków, Toruń and Warsaw. Abroad, in turn, he established close contacts with research centers in Bulgaria, France, Finland, Japan, Mexico, Germany, Italy, Ukraine and many other countries. He was a visiting professor in Helsinki, Pisa, Rome, Göttingen, Mexico City and Tokyo. He was an ordinary member (since 1995) of the Société Scientifique de Bruxelles and a foreign member (since 2001) of the Polish Scientific Society in Żytomierz (Ukraine).

He organized many seminars and scientific conferences on a national and international scale: several summer schools of Analytic Functions, Finnish-Polish and Finnish-Polish-Ukrainian summer schools of complex analysis and recently Hypercomplex Seminars in Będlewo (the Mathematical Research and Conference Center). He was an editor of many scientific proceedings from these conferences. Many of them have appeared in the Banach Center Publications series.

He was a member of the Łódź Scientific Society for 51 years. He directed the Mathematical and Physical Commission of this Society for many years. For 14 years (1983–1997) he was the general Secretary of the Society responsible for its publishing activities. He was the founder and the editor-in-chief (until his death) of the series *Recherches sur les Deformations* of the *Bulletin de la Société des Sciences et des Lettres de Łódź*. He was also the chairman of the editorial team of the publishing series of the Society "Problems of Social Scientific Movement". He was a member of the editorial boards of journals: "Reports on Mathematical Physics", "Nepali Mathematical Sciences Report", "Selecta Gaussiana". In 1992-1995 he was the editor-in-chief of the publishing series of the Łódź Scientific Society "Along the Science Trail". Since 1984, he was also a member of the nationwide Council of Scientific Societies.

He was a supervisor in twelve PhD theses in mathematics and three in physics. When he headed the Łódź Branch of the Institute of Mathematics at the Polish Academy of Sciences, he gathered – together with Professor Włodzimierz Waliszewski – a strong team of passionate young mathematicians. This team includes many professors of universities: Grzegorz Andrzejczak, Jerzy Kalina, Tadeusz Krasieński, Jan Kubarski, Dariusz Partyka, Andrzej Piątkowski, Antoni Pierzchalski, Paweł Walczak, Józef Zajac and many others.

Professor Julian Ławrynowicz was a person on unusually broad spectrum of scientific and research interests. He was a titan of work and thus his legacy is enormous. It includes both theoretical and application-related research, monographs and manuals, materials and reports from conferences and seminars, scientific research works and articles popularizing science. His list of publications counts over 400 items in mathematics, physics, biology, ethics and history. Most of them were published in journals and magazines with international reputation. He could work in teams. He could establish permanent personal and professional contacts with representatives of the world of science. He had joint publications with many scientists. With one co-author, Osamu Suzuki, he had 40 research papers. His circle of cooperation include eminent representatives of various fields of science both from home and abroad.

The family played an important role in the Professor's life. Primarily his wife Maria, with whom he had been together 53 years, and children Aleksandra, Mirosław and Olgierd, as well as grandchildren Anna, Julia, Jakub and Jan. Professor Maria Ławrynowicz is an outstanding scientist, biologist, a valued specialist in the field of mycology and has been associated "since always" with the University of Łódź. She was his devoted life companion until the last moments of his life.

Professor Julian Ławrynowicz died on September 21, 2020.

Tadeusz Krasiński