UDC: 929(Hadžić, Olga)

IN MEMORIAM
ACADEMICIAN PROF. OLGA HADŽIĆ, PhD (1946–2019)

Academician Prof. Olga Hadžić, PhD, a full-time professor at the Faculty of Sciences, University of Novi Sad and a full member of the Serbian Academy of Sciences and Arts (SASA), died on 21st January 2019 in Novi Sad, at the age of 73.

She was born on 25th August 1946 of father Lazar Hadžić, who was an eminent lawyer from Novi Sad and mother Radmila Hadžić, who was a descendent of the well-known Atanacković family from Bijeljina. She finished elementary school, high school and ''Isidor Bajić'' secondary school of music in Novi Sad. In 1964, she enrolled at the department of mathematics at the Faculty of Philosophy in Novi Sad, where she graduated in June 1968, after which she was chosen for an assistant at the newly-established Faculty of Sciences in Novi Sad. The finished her master's studies at the Faculty of Sciences and Mathematics in Belgrade, and defended her doctoral thesis in 1972 at the Faculty of Sciences in Novi Sad. She was appointed a full-time professor at the Faculty of Sciences in Novi Sad in 1981. From 1984 she was a corresponding member, and from 1990 a full member of the Academy of Sciences and Arts of Vojvodina (VANU), and then a full member of the Department of Sciences and Mathematics of SASA since 1991, and of the Department of Mathematics, Physics and Geosciences of SASA since 1998.

In 1996 she was appointed the first female rector of the University in Novi Sad. From 1998 to 2000 she was the president of the Senate of the University in Novi Sad. She was awarded the October Award of the City of Novi Sad for her scientific achievements.

The field of her research in mathematics was numerical mathematics: the theory of a fixed point in topological vector and probabilistic metric spaces. In that domain, she published about 170 scientific papers and 15 scientific monographs. In the scientific circles especially outstanding was her book *Fixed Point Theory in Probabilistic Metric Spaces* (co-author Endre Pap, published by Kluwer Academic Publishers, 2001). The main part of this monograph is based on the works of the authors. She introduced the class of a *t-norm of Hadžić-type (H-type)* into the fixed point theory in probabilistic metric spaces, which is widely applied in this theory.

Being aware of the importance of culture for the development of international tourism, in 2003 she got interested in one of the numerous forms of tourism, where the visit to tourist destinations is motivated primarily by the cultural needs, as well as by the needs to familiarize with the cultural characteristics of certain peoples. In 2006, at the Faculty of Sciences in Novi Sad, she defended her doctoral thesis on the subject in the field of strategic management in cultural tourism. Her scientific engagement in cultural tourism was extremely noticeable. Being successful in this field required broad knowledge of management, mathematics, sociology and psychology. She strove to promote the application of mathematical and statistical methods in the researches in the domain of tourism

and social geography, and encouraged young researchers as well to direct their research to these scientific fields. Successfully uniting the acquired knowledge, she was motivated to write the coauthored monograph *Cultural tourism* (2005) and other scientific publications which are highly valued in scientific circles both in Serbia and abroad. Her works have been referred to more than 2,300 times (according to the data of Google Scholar in March 2019). She mentored several doctoral theses in the field of mathematics and management.

Olga Hadžić was always clearly focused on the objective interests of teaching and science. She was loved by her students, colleagues and young researchers, and she paid special intention to the gifted scientists and students who originated from poor families. Besides her brilliant scientific results in the fields of mathematics, tourism and cultural geography, in the last years her focus of interest was primarily in the field of organizational psychology.

The engagement of Olga Hadžić in the work of the Geographical Institute "Jovan Cvijic" SASA was of great importance for the personnel, institutional and organizational development of the Institute. She was included in the work of the Managing Board of the Institute from 2012-2016, and in 2013 she became a member of the Scientific Council of the Institute. Her work as an educator and a scientist had a great influence on the development of the personnel in the field of social geography in the Institute, as well as on the application of mathematical and statistical methods in scientific researches.

She was a member of the Presidency of the Society of Mathematicians, Physicists and Astronomers of Vojvodina, as well as a member of the editorial board of several journals: Journal of Mathematics, Novi Sad; Mathematical Reviews; Zentralblatt für Mathematik; Collected Papers (Zbornik radova) of the Faculty of Sciences, the University of Novi Sad, the series for mathematics. Besides the aforementioned, for many years Olga Hadžić was a very active member of the Editorial Board of Journal of the Geographical Institute "Jovan Cvijić" SASA, where she participated in writing scientific papers, reviewing the texts as an expert reviewer and helping the authors and editors selflessly with her wise advice and well-intentioned suggestions.

Academician Prof. Olga Hadžić, PhD will be remembered as an extraordinary scientist, professor, educator, visionary and orator, and, above all, as a great person and humanist with such emotional and academic intelligence, unique approach and exceptional charisma that inspired and motivated many generations who could learn a lot from her about the mental complexity of life. May her rest in peace with eternal glory and our eternal gratitude!

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