DRAGOŠ CVETKOVIĆ - CURRICULUM VITAE

Dragoš Cvetković was born on March 6, 1941, in Sremska Mitrovica (Serbia, Former Yugoslavia). He graduated in Electrical Engineering at the University of Belgrade in 1964, and in 1971 the University awarded him a doctorate in Mathematics. Since graduating he has worked in the Department of Mathematics, Faculty of Electrical Engineering, University of Belgrade. In 1986 he became a Full Professor in Mathematics.

Present and Previous Positions

* since 2010 Chairman of the Scientific Council of the Mathematical Institute of the Serbian Academy of Sciences and Arts, Belgrade,
* 2012 - 2016 Chairman of the Department of Mathematics, Physics and Geo-Sciences of the Serbian Academy of Sciences and Arts,
* 2006-2008 Research Full Professor, Mathematical Institute of the Serbian Academy of Sciences and Arts, Belgrade,
* 1986-2006 Full Professor in Mathematics, Department of Mathematics, Faculty of Electrical Engineering, University of Belgrade, in retirement since 2006,
* 1979-1986 Associate Professor, Department of Mathematics, Faculty of Electrical Engineering, University of Belgrade,
* 1985-1986 Carnegie Research Fellow, Department of Mathematics, University of Stirling, Scotland, UK,
* 1973-1979 Assistant Professor, Department of Mathematics, Faculty of Electrical Engineering, University of Belgrade,
* 1975-1976 Postdoctoral Fellow, Department of Mathematics, Technological University Eindhoven, The Netherlands,
* 1964-1973 Collaborator, Department of Mathematics, Faculty of Electrical Engineering, University of Belgrade.

For shorter periods of time Cvetković was a guest of the University of Manitoba, Winnipeg, Canada, a visiting professor at Technische Hochschule Ilmenau, Ilmenau, Germany, and at many other places.

Fields of Scholarship

* Discrete mathematics,
* Graph theory,
* Combinatorics,
* Linear algebra,
* Combinatorial optimization,
* Artificial intelligence.

1

His major field of interest is Discrete Mathematics. He has published over 200 scientific papers and over 70 books (monographs and textbooks, including repeated editions) in graph theory, combinatorics, linear algebra, artificial intelligence, etc.

Dragoš Cvetković's monograph *Spectra of Graphs* (co-authors: M.Doob, University of Manitoba, Winnipeg, and H.Sachs, Technische Hochschule Ilmenau, Ilmenau) had three English editions (1980, 1982, 1995) and a Russian edition (1984).

During the period 1980-1984 he implemented (together with a group of collaborators) the interactive programming system "Graph", an expert system for graph theory. The system "Graph" has been installed at several institutions at home and abroad.

Honours and Awards

* 1985 Corresponding member of the Serbian Academy of Sciences and Arts,

* 1994 Full member of the Serbian Academy of Sciences and Arts,

* 1991 - 1995 and 1997 - 2001 Honorary Professor at the University of Stirling, Stirling, Scotland,

* 1997 - 2001 The President of Yugoslav Society for Applied and Industrial Mathematics,

* 2005 Member of the International Academy for Mathematical Chemistry,

* 2011 Special Issue of Linear Algebra and Its Applications in honor of Dragoš Cvetković,

* 2012 Member of the Academia Europaea (London).

He has several times been engaged as an advisor to the Serbian Ministry of Science.

He has attended numerous international conferences on graph theory and related fields; he was an invited speaker on many occasions, and also an organizer or chairman of the programming committee for some of the conferences.

Cvetković was an invited speaker at the following scientific conferences (a selection):

* Algebraic Methods in Graph Theory, Szeged, Hungary, 1978,

* Algebraic Combinatorics, Stirling, Scotland, 1986,

* Workshop on Algebraic Graph Theory, Edinburgh, Scotland, 1993,

* 27th Australian-Asian Conference for Combinatorial Mathematics and Combinatorial Computing, Newcastle, Australia, 2002,

* Aveiro Workshop on Graph Spectra, Aveiro, Portugal, 2006,

* SGT in Rio, Workshop on Spectral Graph Theory with Applications on Computer Science, Combinatorial Optimization and Chemistry, Rio de Janeiro, Brazil, 2008,

* Applications of Graph Spectra to Computer Science, Barcelona, Spain, 2012.

Cvetković was an organizer of the following conferences:

* Workshop on Algebraic Graph Theory, Edinburgh, Scotland, 1993,

* European Workshop on Algebraic Graph Theory, Edinburgh, Scotland, 2001.

Cvetković was the chairman of programming committees for the following conferences:

* Aveiro Workshop on Graph Spectra, Aveiro, Portugal, 2006,

* SGT in Rio, Workshop on Spectral Graph Theory with Applications on Computer Science, Combinatorial Optimization and Chemistry, Rio de Janeiro, Brazil, 2008.

Dragoš Cvetković is a member or former member of the Editorial Boards of four Serbian mathematical journals, and Editor-in-Chief for one of them. Cvetković also belongs to the Editorial Board of *Ars Mathematica Contemporanea.* He was one of the Editors of the journal *Linear and Multilinear Algebra* and a member of the Editorial Board of the *Journal of Graph Theory* for some time. Cvetković has been Guest Editor for a special issue of *Linear and Multilinear Algebra* and for three special issues of *Linear Algebra and Its Applications.*

Professor Cvetković has had 8 doctoral students, among them Ivan Gutman, Slobodan Simić and Dragan Stevanović.