

**YU ISSN 1450-5932**

**MATHEMATICA MORAVICA**

**Vol. 7 (2003)**

**UNIVERSITY OF KRAGUJEVAC**  
**Technical Faculty of Čačak**

# MATHEMATICA MORAVICA

---

---

**Editorial Board:** Mališa Žižović - Managing Editor, Stojan Bogdanović, William O. Bray, Roman Dwilewicz, Leon Hall, Shouchuan Hu, Ljubiša D.R. Kočinac, Petronije S. Milojević, Gradimir Milovanović, Milutin Obradović, Vladimir Rakočević, Marion Scheepers, Časlav V. Stanojević, Vera B. Stanojević, Milan R. Tasković.

---

---

# MATHEMATICA MORAVICA

## EDITORIAL BOARD:

MALIŠA ŽIŽOVIĆ, Managing Editor, University of Kragujevac

STOJAN BOGDANOVIĆ:	University of Niš, Serbia & Montenegro
WILLIAM O. BRAY:	University of Maine, Orono, USA
ROMAN DWILEWICZ:	University of Missouri, Rolla, USA
LEON HALL:	University of Missouri, Rolla, USA
SHOUCHUAN HU:	Southwest Missouri State University, Springfield, USA
LJUBIŠA KOČINAC:	University of Niš, Serbia & Montenegro
PETRONIJE S. MILOJEVIĆ:	N.J. Institute of Technology, Newark, USA
GRADIMIR MILOVANOVIĆ:	University of Niš, Serbia & Montenegro
MILUTIN OBRADOVIĆ:	University of Belgrade, Serbia & Montenegro
VLADIMIR RAKOČEVIĆ:	University of Niš, Serbia & Montenegro
MARION SCHEEPERS:	Boise State University, Boise, Idaho, USA
ČASLAV V. STANOJEVIĆ:	University of Missouri, Rolla, USA
VERA B. STANOJEVIĆ:	Southwest Missouri State University, Springfield, USA
MILAN R. TASKOVIĆ:	University of Belgrade, Serbia & Montenegro

I Secretary: Dragan Đurčić  
University of Kragujevac, Technical Faculty of Čačak

II Secretary: Siniša N. Ješić  
University of Belgrade, Faculty of Mechanical Engineering

Corresponding address:  
University of Kragujevac, Technical Faculty of Čačak  
32000 Čačak, Svetog Save 65  
Serbia & Montenegro

Printed by

**precision** Čačak

Technical support: ŽELJKO HRČEK,  
Beograd, Serbia & Montenegro, 381-11-518-039, e-mail: [hzeljko@beotel.yu](mailto:hzeljko@beotel.yu)

# MATHEMATICA MORAVICA

Is published yearly. It publishes original papers in all fields of pure and applied mathematics.

## INSTRUCTION FOR AUTHORS

All manuscripts (original and copy) must be written in English. The extent of the papers must not exceed 16 pages; manuscripts over 16 pages are accepted only exceptionally. Manuscript should not require many language corrections.

MATHEMATICA MORAVICA is produced in L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>. Authors are encouraged to prepare their manuscripts using L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>. Only a hard copy should be submitted for assessment, but if the paper is accepted the author will be asked to send the text on an IBM PC compatible diskette.

The author(s) should write their names, addresses, and the title of the paper on a separate sheet. All manuscripts should start with short Abstract and include the footnote 1991 Mathematics Subject Classification on the first page.

Figures are included in the text and must be numbered (by arabic numbers) and mentioned in the text. Equations (or formulas) must be numbered (for future references) in parentheses () at the left margin.

References should be listed alphabetically in the following form:

- [1 ] J. Karamata, *Sur un mode de croissance régulière des fonctions*, *Mathematica (Cluj)*, **4** (1930), 38–53.
- [2 ] J. Schwartz, *Nonlinear functional analysis*, Gordon and Breach, New York, 1969.

A total of 30 reprints of each paper will be available free of charge; additional reprints can be ordered.

All correspondence concerning both manuscripts and exchange should be addressed to:

MATHEMATICA MORAVICA, TECHNICAL FACULTY OF ČAČAK,  
SVETOG SAVE 65, 32000 ČAČAK, SERBIA & MONTENEGRO

Monastery Studenica (Church of the Virgin), the end of XII century, its founder was Stevan Nemanja (1113-1199), it is accepted that education in Serbia similar to university education of today was started at this monastery. Hospital was also working in the monastery in 1208.

*Idea of graphics in this volume:* prof. dr Dragan Trifunović.