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Državljanstvo: SRBIJA

## Školovanje

Osnovna škola: VUK KARADŽIĆ, KRUŠEVAC, 1975-1983.

Srednja škola: GIMNAZIJA, KRUŠEVAC, 1983-1987.

Studije matematike: PMF KRAGUJEVAC, 1987-1992.

Poslediplomske studije: PMF KRAGUJEVAC, 1992-1996.

Doktorske studije: PMF KRAGUJEVAC, 1996-2000.

## Profesionalna karijera

Asistent: KATEDRA ZA MATEMATIKU I INFORMATIKU,  
PMF KRAGUJEVAC, 1992-2000.

Docent: KATEDRA ZA MATEMATIKU I INFORMATIKU,  
PMF KRAGUJEVAC, 2000-2007.

Vanredni profesor: KATEDRA ZA MATEMATIKU I INFORMATIKU,  
PMF KRAGUJEVAC, 2007-

Nastava: ANALIZA 3, ANALIZA 4, FUNKCIONALNA ANALIZA 1 (osnovne studije matematike), PARCIJALNE I INTEGRALNE JEDNAČINE, FUNKCIONALNA ANALIZA 2 (diplomske studije matematike), TEORIJA OPERATORA I FUNKCIONALNI PROSTORI, NUMERIČKO REŠAVANJE PDJ (doktorske studije matematike)

Naučna oblast: MATEMATIČKA ANALIZA SA PRIMENAMA

## I Magistarska teza i doktorska disertacija

1. D.R. Bojović, *Primena teorije interpolacije pri odredjivanju brzine konvergencije diferencijskih shema za parcijalne jednačine parabolickog tipa*, Magistarska teza, PMF Kragujevac 1996.
2. D.R. Bojović, *Diferencijske sheme za parabolické probleme s generalisanim rešenjima*, Doktorska disertacija, PMF Kragujevac 2000.

## II Naučni radovi

1. D.R. Bojović, B.S. Jovanović, *Application of interpolation theory to the analysis of the covergence rate for finite difference schemes of parabolic type*. Mat. Vesnik 49 (1997), 99-107.
2. D.R. Bojović, B.S. Jovanović, *Covergence of a finite difference method for the heat equation–interpolation tehique*. Mat. Vesnik 49 (1997), 257-264.
3. B.Z. Popović, D.R. Bojović, B.S. Jovanović, *Convergence of finite difference method for the third BVP–interpolation tehique*, PRIM 98 (2000), 93-101.
4. B.S. Jovanović, D.R. Bojović, *Finite difference method for the heat equation with coefficient from anisotropic Sobolev space*. Facta Univ., Ser.Math.Infor. 15(2000), 113-122.
5. D.R. Bojović, *Convergence of finite difference method for parabolic problem with variable operator*. Lect. Notes Comp. Sci., 1988 (2001), 110-116.
6. D.R. Bojović, B.S. Jovanović, *Fractional order convergence rate estimates of finite differnce method on non-uniform meshes*, Comp.Meth.Appl.Math., Vol.1(2001), No.3, 213-221.
7. D.R. Bojović, *Convergence in  $W_2^{1,1/2}$  norm of finite difference method for parabolic problem*, Comp.Meth.Appl.Math., Vol.3(2003), No.1, 45-58.
8. D.R. Bojović, B.S. Jovanović, P.P.Matus, *On the strong stability of first-order operator-differntial equations*, Diff.Equat., Vol.40(2004), No.5, 703-710.
9. D.R. Bojović, B.Z. Popović, B.S. Jovanović *The strong stability of the second-order operator-differntial equations*, Lect.Notes.Comp.Sci., 3401 (2005), 187-194.

10. D.R. Bojović, B.S. Jovanović, *Convergence of finite difference method for the parabolic problem with concentrated capacity and variable operator*, J.Comp.Appl. Math., 189 (2006), 286-303.
11. D.R. Bojović, *Finite difference method for the parabolic problem with delta function*, Krag. J. Math. 33 (2010) 71-82.
12. D.R. Bojović, B.S. Jovanović, *Finite difference method for a parabolic problem with concentrated capacity and time-dependent operator*, Approx. Comp., Springer Optimization and its Applications 42 (2010) 277-288.
13. D.R. Bojović, B.S. Jovanović, *Convergence of finite difference method for 2D parabolic interface problem*, J.Comp.Appl.Math. (na recenziji)

### III Saopštenja na konferencijama

1. D.R. Bojović, B.S. Jovanović, *Application of interpolation theory to the analysis of the convergence rate for finite difference schemes of parabolic type*, XI Conference of Applied Mathematics PRIM 1996, Budva (Jugoslavija), 1996.
2. D.R. Bojović, B.S. Jovanović, *Convergence of a finite difference method for the heat equation - interpolation technique*, 4th Symposium on Mathematical Analysis and its Applications, Arandjelovac (Srbija), 1997.
3. B.Z. Popović, D.R. Bojović, B.S. Jovanović, *Convergence of finite difference method for the third BVP - interpolation technique*, XIII Conference on Applied Mathematics PRIM 1998, Igalo (Jugoslavija), 1998.
4. B.S. Jovanović, B.Z. Popović, D.R. Bojović, *Convergence of finite difference method for the parabolic equation - interpolation technique*, Second International Conference "Finite-Difference Methods: Theory and Application", Minsk (Belorusija), 1998.
5. D.R. Bojović, *Convergence of finite difference method for parabolic problem with variable operator*, NAA 2000, Ruse (Bugarska), 2000.
6. D.R. Bojović, B.S. Jovanović, *Fractional order convergence rate estimates of finite difference method on non-uniform meshes*, CFT, Varna (Bugarska), 2002.

7. D.R. Bojović, B.Z. Popović, B.S. Jovanović, *The strong stability of the second-order operator-differential equations*, NAA 2004, Ruse (Bugarska), 2004.
8. D.R. Bojović, B.S. Jovanović, *Convergence of finite difference method for the parabolic problem with concentrated capacity and variable operator*, ICCAM 2004, Luven (Belgija), 2004.
9. D.R. Bojović, *Finite difference method for parabolic problem with time dependent operator*, ICNAM 2006, Kragujevac (Srbija), 2006.
10. D.R. Bojović, *FDM for the parabolic problem with concentrated capacity and time dependent operator*, APPCOM 2008, Niš (Srbija), 2008.
11. D.R. Bojović, B.S. Jovanović, *Convergence of finite difference method for 2D parabolic interface problem*, ICCAM 2010, Luven (Belgija), 2010.

#### **IV    Angažovanje na projektima**

1. Projekat 04M03/C, 1996-2000.
2. Projekat 1840, 2002-2005.
3. Projekat 144005, *Aproksimacija linearnih operatora*, 2006-2010.
4. Medjunarodni projekat Matematičkog instituta Nacionalne akademije nauka Belorusije i Univerziteta u Beogradu, *Stability of differential-operator equations and operator-difference schemes*, 2002-2004.

#### **V    Univerzitetski udžbenici**

1. D. Bojović, B. Popović, M. Stanić, *Parcijalne i integralne jednačine – zbirka zadataka*, PMF Kragujevac, 2006.
2. M. Stanić, S. Dimitrijević, S. Simić, D. Bojović, *Funkcionalna analiza – zbirka zadataka*, PMF Kragujevac, 2007.

## **VI Članstvo u redakcijama**

1. Kragujevac Journal of Mathematics
2. Zentralblat Math.