

## ● RADNO ISKUSTVO

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2017 – TRENUTNO

**VANREDNI PROFESOR** – UNIVERZITET U SARAJEVU, GRAĐEVINSKI FAKULTET

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Vanredni profesor/Matematika

Rukovodilac Katedre za matematiku i informatiku (od 2012.)

2012 – 2017

**DOCENT** – UNIVERZITET U SARAJEVU, GRAĐEVINSKI FAKULTET

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Docent/Matematika

2009 – 2012

**VIŠI ASISTENT** – UNIVERZITET U SARAJEVU, GRAĐEVINSKI FAKULTET

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Viši asistent/Matematika

2006 – 2009

**ASISTENT** – UNIVERZITET U SARAJEVU, GRAĐEVINSKI FAKULTET

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Asistent/Matematika

## ● OBRAZOVANJE I OSPOSOBLJAVANJE

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1998 – 2002 – Sarajevo

**MATURANT** – Treća gimnazija

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Učešće na 43. Međunarodnoj matematičkoj olimpijadi u Glazgovu 2002.  
Proglašen za đaka generacije.

07/10/2002 – 05/06/2006

**DIPLOMIRANI MATEMATIČAR** – Univerzitet u Sarajevu

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Dobitnik Zlatne značke Univerziteta u Sarajevu i proglašen za najuspješnijeg studenta Univerziteta u Sarajevu 2006.  
(prosjek ocjena: 10).

20/10/2006 – 21/05/2009

**MAGISTAR MATEMATIČKIH NAUKA** – Univerzitet u Istočnom Sarajevu

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13/09/2011

**DOKTOR MATEMATIČKIH NAUKA** – Univerzitet u Istočnom Sarajevu

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## ● PUBLIKACIJE

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E. Ilić-Georgijević, On the Jacobson radical of a groupoid graded ring, *J. Algebra* 573 (2021), 561-575.

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<https://doi.org/10.1016/j.jalgebra.2021.01.007>

E. Ilić-Georgijević, A description of the Cayley graphs of homogeneous semigroups, *Commun. Algebra* 48 (12) (2020), 5203-5214.

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<http://dx.doi.org/10.1080/00927872.2020.1783279>

E. Ilić-Georgijević, On graded UJ-rings, *Int. Electron. J. Algebra* 28 (2020), 193-205.

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<http://dx.doi.org/10.24330/ieja.768259>

E. Ilić-Georgijević, S. Şahinkaya, A note on the graded isoradical of a graded ring, *Commun. Algebra* 48 (7) (2020), 2818-2824.

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<http://dx.doi.org/10.1080/00927872.2020.1722829>

E. Ilić-Georgijević, Notes on the graded Jacobson radical: a graded version of the Jacobson stable set, *Commun. Algebra* 48 (6) (2020), 2624-2631.

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<http://dx.doi.org/10.1080/00927872.2020.1721730>

E. Ilić-Georgijević, On graded 2-nil good rings, *Krag. J. Math.* 43 (4) (2019), 513-522.

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[https://imi.pmf.kg.ac.rs/kjm/pub/kjom434/kjm\\_43\\_4-2.pdf](https://imi.pmf.kg.ac.rs/kjm/pub/kjom434/kjm_43_4-2.pdf)

E. Ilić-Georgijević, On radicals of graded ring constructions, in *Rings, Modules and Codes, Contemporary Mathematics*, vol. 727, Amer. Math. Soc., Providence, RI, 2019, pp. 167-176.

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<http://dx.doi.org/10.1090/conm/727/14633>

E. Ilić-Georgijević, On the Jacobson and simple radicals of semigroups, *Filomat* 32 (7) (2018), 2577-2582.

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<https://www.pmf.ni.ac.rs/filomat-content/2018/32-7/32-7-20-6245.pdf>

E. Ilić-Georgijević, S. Şahinkaya, On graded nil clean rings, *Commun. Algebra* 46 (9) (2018), 4079-4089.

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<http://dx.doi.org/10.1080/00927872.2018.1435791>

E. Ilić-Georgijević, On graded special radicals of graded rings, *J. Algebra Appl.* 17 (6) (2018), 1850109, 10.

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<http://dx.doi.org/10.1142/S0219498818501098>

E. Ilić-Georgijević, On graded Thierrin radicals of graded rings, *Commun. Algebra* 45 (9) (2017), 3886-3891.

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<http://dx.doi.org/10.1080/00927872.2016.1248243>

E. Ilić-Georgijević, M. Vuković, A note on general radicals of paragradsed rings, *Sarajevo J. Math.* 12 (2), suppl., (2016), 317-324.

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[http://www.anubih.ba/Journals/vol.12,no-3,y16/05Rev-general\\_radicals\\_KV.pdf](http://www.anubih.ba/Journals/vol.12,no-3,y16/05Rev-general_radicals_KV.pdf)

E. Ilić-Georgijević, M. Vuković, A note on radicals of paragradsed rings, *Sarajevo J. Math.* 12 (2), suppl., (2016), 307-316.

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<http://www.anubih.ba/Journals/vol.12,no-3,y16/04Rev-radicals-KVc.pdf>

M. Vuković, E. Ilić-Georgijević, O. Stevanović, On an application of Parseval's formula to problems of  $\mathcal{G}^{\theta, \kappa}$ -summability of eigenfunction expansion of the Laplacian operator, *Sarajevo J. Math.* 12 (25) (2016), 267-276.

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<http://www.anubih.ba/Journals/vol.12,no-2,y16/14Vukovic-Parseval-1183.pdf>

E. Ilić-Georgijević, On graded Brown—McCoy radicals of graded rings, *J. Algebra Appl.* 15 (8) (2016), 1650143, 13.

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<http://dx.doi.org/10.1142/S0219498816501437> <https://arxiv.org/pdf/1904.00033.pdf>

E. Ilić-Georgijević, On graded  $\Omega$ -groups, Filomat 29 (10) (2015), 2167-2183.

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<https://www.pmf.ni.ac.rs/filomat-content/2015/29-10/29-10-1-1703.pdf>

E. Ilić-Georgijević, A note on the Jacobson radical of a graded ring, Sarajevo J. Math. 11 (24) (2015), 165-170.

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<http://www.anubih.ba/Journals/vol.11,no-2,y15/03Rev-Georgijevic-Jacobson.pdf>

E. Ilić-Georgijević, M. Vuković, Primary decomposition of general graded structures, Bul. Acad. Stiint. Moldova. Mat. 77 (1) (2015), 87-96.

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<http://www.mathnet.ru/links/5fea250e937c9aa3d6cff36ffeba7927/basm379.pdf>

E. Ilić-Georgijević, M. Vuković, The Wedderburn—Artin Theorem for paragradsed rings, Fund. Appl. Math. 19 (6) (2014), 125-139, J. Math. Sci. 221 (3) (2017), 391-400.

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<https://doi.org/10.1007/s10958-017-3233-7> <http://mech.math.msu.su/~fpm/ps/k14/k146/k14606.pdf>

M. Vuković, E. Ilić-Georgijević, Paragradsed rings and their ideals, Fund. Appl. Math. 17 (4) (2012), 83-93, J. Math. Sci. 191 (5) (2013), 654-660.

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<https://doi.org/10.1007/s10958-013-1349-y>

E. Ilić-Georgijević, On the categories of paragradsed groups and modules of type  $\Delta$ , Sarajevo J. Math. 8 (21) (2012), 193-202.

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<http://www.anubih.ba/Journals/vol.8,no-2,y12/03RevGeorgijevic-2011.pdf>

E. Ilić-Georgijević, M. Vuković, Sheaves of paragradsed rings, Sarajevo J. Math. 7 (20) (2011), 153-161.

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<http://www.anubih.ba/Journals/vol.7,no-2,y11/04RevGeorgijevic-Vukovic.pdf>

E. Ilić-Georgijević, On the completion of pro-P groups, Sarajevo J. Math. 5 (18) (2009), 155-158.

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<http://www.anubih.ba/Journals/vol.5,no-2,y09/05revGeorgijevic.pdf>

E. Ilić-Georgijević, Uvod u teoriju grafova, Građevinski fakultet, Sarajevo, 2021.

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Udžbenik

E. Ilić-Georgijević, Inženjerska matematika III, Građevinski fakultet, Sarajevo, 2016.

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Udžbenik

## ● PREDMETI

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### Predmeti (trenutno)

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Univerzitet u Sarajevu, Građevinski fakultet: Inženjerska matematika I, II (I ciklus), Diskretna matematika (I ciklus), Inženjerska matematika III (II ciklus), Numerička matematika (III ciklus);  
Univerzitet u Sarajevu, Arhitektonski fakultet: Matematika 1, Matematika 2, Matematika (I ciklus);  
Univerzitet u Istočnom Sarajevu, Filozofski fakultet: Uvod u algebru, Algebra (I ciklus), Teorija prstena (II ciklus, konsultativno), Odabrana poglavlja algebre (II ciklus, konsultativno).

## ● RECENZIJE

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### Časopisi

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- *Discussiones Mathematicae - General Algebra and Applications*
- *Filomat*
- *International Electronic Journal of Algebra*
- *Journal of Algebraic Combinatorics*
- *Sarajevo Journal of Mathematics*
- *Siberian Electronic Mathematical Reports*

2017 – TRENUTNO

### Mathematical Reviews

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### Knjige

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- A. Hajdar, N. Tuno, A. Mulahusić, S. Tukić, *Osnove programiranja za građevinske i geodetske inženjere*, Građevinski fakultet, Sarajevo, 2018.

## ● MENTORSTVA

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### Magistarski radovi

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- Olivera Stevanović, *Problemi sumabilnosti s primjenom na višestruke Furijeove redove*, Univerzitet u Istočnom Sarajevu, 2014. (komentor)

### Master radovi

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- Mufid Mušić, *Adaptivno modeliranje korištenjem metode konačnih elemenata*, Univerzitet u Sarajevu, Građevinski fakultet, 2015. (jedan od mentora)
- Kenan Avdušinović, *Primjena Fourierove transformacije u ispitivanju dinamičkih osobina konstrukcije*, Univerzitet u Sarajevu, Građevinski fakultet, 2018. (jedan od mentora)
- Merima Isanović, *Primjena metode nekompatibilnih pomaka u metodi konačnih elemenata*, Univerzitet u Sarajevu, Građevinski fakultet, 2020. (jedan od mentora)

## ● ORGANIZACIJA NAUČNIH SKUPOVA

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**ECCOMAS Thematic Conference, 2nd International Conference on Multi-scale Computational Methods for Solids and Fluids, 10-12 June, 2015, Sarajevo, Bosnia and Herzegovina**

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Član organizacionog odbora

**Conference: Graded structures in Algebra and their applications, 22-24 September, 2016, Inter University Center, Dubrovnik, Croatia**

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Član organizacionog odbora

## ● ODABRANE KONFERENCIJE I SEMINARI

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**“On the Jacobson radicals of graded rings”, Conference: Noncommutative Rings and their Applications VI, Lens, France, June 24-27, 2019**

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**“On graded UJ-rings”, Mal'tsev Meeting 2018, Novosibirsk, Russian Federation, November 19-22, 2018**

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<http://www.math.nsc.ru/conference/malmeet/18/Main.htm>

**“Graded nil clean rings”, BMS Mathematical Conference, July 12-14, 2018, Sarajevo, Bosnia and Herzegovina**

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<http://www.pmf.unsa.ba/dokumenti/bmsprogram.pdf>

**“On graded 2-nil good rings”, 14th Serbian Mathematical Congress, May 16-19, 2018, Kragujevac, Serbia**

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[https://imi.pmf.kg.ac.rs/kongres/pdf/accepted-finished/45c8dde22a13ca259a1b4dad662520c9\\_11\\_04122018\\_122518/ID\\_88.pdf](https://imi.pmf.kg.ac.rs/kongres/pdf/accepted-finished/45c8dde22a13ca259a1b4dad662520c9_11_04122018_122518/ID_88.pdf)

**“On radicals of graded ring constructions”, Conference: Noncommutative Rings and their Applications V, Lens, France, June 12-15, 2017**

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<http://leroy.perso.math.cnrs.fr/Congres%202017/Main2017.html>

**“Elementary Equivalence of Linear Groups over Graded Rings with Finite Number of Central Idempotents”, Conference: Graded structures in algebra and their applications, Inter University Center, Dubrovnik, Croatia, September 22-24, 2016**

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Presentation of the paper on behalf of E. I. Bunina and A. V. Mikhalev.

[http://www.anubih.ba/images/novosti/IUC\\_2016/BOOK%20OF%20ABSTRACTS.pdf](http://www.anubih.ba/images/novosti/IUC_2016/BOOK%20OF%20ABSTRACTS.pdf)

**“A note on general radicals of paragraded rings”, with M. Vuković, Conference: Graded structures in algebra and their applications, Inter University Center, Dubrovnik, Croatia, September 22-24, 2016**

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[http://www.anubih.ba/images/novosti/IUC\\_2016/BOOK%20OF%20AB](http://www.anubih.ba/images/novosti/IUC_2016/BOOK%20OF%20AB)

**“A note on radicals of paragraded rings”, with M. Vuković, Conference: Graded structures in algebra and their applications, Inter University Center, Dubrovnik, Croatia, September 22-24, 2016**

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[http://www.anubih.ba/images/novosti/IUC\\_2016/BOOK%20OF%20A](http://www.anubih.ba/images/novosti/IUC_2016/BOOK%20OF%20A)

**“On general graded rings”, Algebra Seminar, Institute of Mathematics, University of Warsaw, Poland, October 9, 2014**

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<https://www.mimuw.edu.pl/general-graded-rings>

**“A note on the Jacobson radical of a graded ring”, The fourth Mathematical Congress of the Republic of Srpska, Trebinje, Bosnia and Herzegovina, June 5-7, 2014**

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**“On graded  $\Omega$ -groups”, 13th Serbian Mathematical Congress, May 22-25, 2014, Vrnjačka Banja, Serbia**

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<http://tesla.pmf.ni.ac.rs/people/smak/programme.php>

**“On Krasner-Vuković’s paragraded structures and some open questions”, a joint poster with M. Vuković, European Congress in Mathematics 2012, Krakow, July 2-7, 2012**

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[http://6ecm.ptm.org.pl/sites/default/files/webform/vukovic\\_poster\\_6ecm.pdf](http://6ecm.ptm.org.pl/sites/default/files/webform/vukovic_poster_6ecm.pdf)

**“On the category of paragraded groups and modules with the same set of grades”, The Sixth Bosnian-Herzegovinian Mathematical Conference, Sarajevo, Bosnia and Herzegovina, June 2011**

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<http://www.anubih.ba/Journals/vol.7,no-2,y11/18matskup6.pdf>

**“On the completion of pro-P groups”, The Fourth Bosnian-Herzegovinian Mathematical Conference, Sarajevo, Bosnia and Herzegovina, June 2009**

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<http://www.anubih.ba/Journals/vol.5,no-2,y09/17matskup4.pdf>