

Europass CURRICULUM VITAE



PERSONAL INFORMATION

Name / Surname

Miomir Andjic

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Nationality

Montenegrin

Date of birth

10/10/1955

Gender

Male

OCCUPATION

- Associate professor at the Faculty of Information Technology, University "Mediterranean" Podgorica
- Independent Advisor for General Secondary Education and Vocational Education, Ministry of Education of Montenegro

WORK EXPERIENCE

September 2014 to now

Independent Advisor for General Secondary Education
Ministry of Education of Montenegro, Vaka Djurovica bb, Podgorica

August 2012 to now

Associate professor
Faculty of Information Technology, University „Mediterranean” Podgorica

- Lecturer of Mathematics I, Mathematics II, Probability and Statistics

[Business or sector](#) Education

July 2007 – August 2012

Assistant professor
Faculty of Information Technology, University „Mediterranean” Podgorica

- Lecturer of Mathematics I and Mathematics II

[Business or sector](#) Education

October 2006 – July 2007

PhD in Mathematics
Faculty of Information Technology, University „Mediterranean” Podgorica

- Mathematics I, Mathematics II, and Probability and Statistics Teaching Assistant

[Business or sector](#) Education

October 2005 - October 2006

PhD in Mathematics

Faculty of Philosophy Niksic, University of Montenegro

- Lecturer of Methodology of Mathematics

Business or sector Education

December 1994 - now

Inspector for Mathematics and Chief Inspector of Education

Ministry of Education of Montenegro

- Inspector for Mathematics and Chief Inspector of Education

Business or sector Inspectorate of Education

March 1979 – December
1994

Graduate degree in Mathematics

Secondary school "Vukadin Vukadinovic" Berane

- Mathematics teacher

Business or sector Education

EDUCATION AND TRAINING

2012	Associate Professor	Faculty of Information Technology, University "Mediterranean" Podgorica
ISCED 2011	8	
2007	Assistant Professor	Faculty of Information Technology, University "Mediterranean" Podgorica
ISCED 2011	8	
2005	PhD in Mathematics	Faculty of Sciences, University of Novi Sad
ISCED 2011	8	
2000	MSc in Mathematics	Faculty of Sciences, University of Novi Sad
ISCED 2011	7	
1979	MMath in Mathematics	Faculty of Sciences, University of Belgrade
ISCED 2011	64	

Publications

1. **An Approach to Proving Irrational Numbers**, *Nastava matematike*, XXXVII, 4, Belgrade, 1992, pp. 34-37, YU ISSN 0351-4463.
2. **An Implementation of Inference**, *Vaspitanje i obrazovanje*, 5-6, Podgorica, 1992, pp. 43-47, YU ISSN 0350-1094.
3. **Puzzles in Further Maths Lessons**, *Prosvjetni rad*, 9-10, Podgorica, 15 September 1993, pp. 20, ISSN 0033-1686.
4. **Mathematical Puzzles**, *Prosvjetni rad*, 5, Podgorica, February 1995, pp. 6-8, ISSN 0033-1686
5. **Great People about Mathematics**, *Prosvjetni rad*, 7-8, Podgorica, 22 May 1995, pp.10, ISSN 0033-1686.
6. **Great People about Mathematics**, *Prosvjetni rad*, 13-14, Podgorica, 22 May 1995, pp.10, ISSN 0033-1686.
7. **Some Step-by-Step Linear Functions**, *Nastava matematike*, XLI, 1-2, Belgrade, 1995, p.23-27, YU ISSN 0351-4463.
8. **Morley's Trisector Theorem**, *Nastava matematike*, XLIII, 4, Belgrade, 1998, pp.43-45, YU ISSN 0351-4463.
9. **Some Sum Totals in Mathematics Teaching**, *Triangle*, 2, Sarajevo, 1998, pp.178-180, UDK 51 ISSN 1512-553X.
10. **Morley's Trisector Theorem**, *Tangent*, 15, Novi Sad, 1998/99 – 1, pp.1-2, YU ISSN 0354-656X.
11. **Contest Problem No. 18**, *Tangent*, 15, Novi Sad, 1998/99 – 1, p.22, YU ISSN 0354-656X.
12. **Solution for Contest Problem No. 18**, *Tangent*, 18, Novi Sad, 1999/2000 – 2, pp.13-14, YU ISSN 0354-656X.
13. **Interesting Implementation of Viète's Rules**, *Nastava matematike*, XLV, 1-2, Belgrade, 2000, pp.31-34, YU ISSN 0351-4463.
14. **An Original Problem**, *Gama*, 1, Matematička gimnazija, Podgorica, 2001, pp.12-14.
15. **Solving Extremum Problems in Elementary Way**, *Vaspitanje i obrazovanje*, 4, Podgorica, 2001, pp.93-113, YU ISSN 0350-1094.
16. **On a Chessboard**, *Matematičko – računarski mozaik*, 5, Podgorica, September 2001, pp.46-47, ISSN 1450-9261.
17. **Knight's Secrets**, *Matematičko – računarski mozaik*, 6, Podgorica, December 2001, pp.49-50. UDK 51 ISSN 1450-9261.
18. **Chess and Probability**, *Matematičko – računarski mozaik*, 8, Podgorica, April 2002, pp.46-51. UDK 51 ISSN 1450-9261.
19. **Chess and Number Theory**, *Matematičko – računarski mozaik*, 8, Podgorica, April 2002, pp.46-51. UDK 51 ISSN 1450-9261.
20. **Chess and Cryptanalysis**, *Matematičko-računarski mozaik*, 9, Podgorica, Septembar 2002, pp.48-52, UDK 51 ISSN 1450-9261
21. **Chess and Number Theory**, *Triangle*, 6, Sarajevo, 2002, p.87-95, UDK 51 ISSN 1512-553X.
22. **Solving Extremum Problems in Elementary Way, I**, *Nastava matematike*, 47, Belgrade, 1-2, 2002, pp.33-42, YU ISSN 0351-4463
23. **Solving Extremum Problems in Elementary Way, II**, *Nastava matematike*, 47, Belgrade, 3-4, 2002, pp.20-27, YU ISSN 0351-4463
24. **Interactive Teaching (Internet Presentation of Number Theory)**, *Vaspitanje i obrazovanje*, 4, Podgorica, 2004, pp. 101-114, YU ISSN 0350-1094.
25. **Miomir Andić and Romeo Meštrović, A congruence for Fermat quotient**, *Matematički Bilten*, Vol.39 (LXV) No.2, 2015(13-18), Skopje, FYR Macedonia, ISSN 0351-336X
26. **About Irrational Numbers**, *MAT-KOL*, Banja Luka, XXII (2), 2016, pp. 91-105, <http://www.imvibl.org/dmbl/dmbl.htm>, ISSN 0354-6969(o), ISSN 1986-5828(o)
27. **Miomir Andić, Aleksandar M Andić, Methodical Transformations of contents un University Education**, *Istraživanje matematičkog obrazovanja*, <http://www.imvibl.org/dmbl/meso/imo/imo2.htm>, Vol.VIII (2016), No. 15, pp. 1-8, ISSN(p) 2303-4890, ISSN(o) 1986-518X
28. **Miomir Andić and Romeo Meštrović, An Identity in commutative rings with unity with applications to various sums of powers**, *Discrete Dynamics in Nature and Society*, Vol.2017(2017), Article ID 9092515, 7 pages; ISSN 1026-0226.
29. Romeo Meštrović and **Miomir Andić, Certain congruences for harmonic numbers**, to appear in *Mathematika Montisnigri*, 7 pages; ISSN 0354-2238.
30. **Miomir Andić, Aleksandar M Andić, Control tasks at several levels in the teaching of informatics in high school**, *Vaspitanje i obrazovanje*, 2, Podgorica, 2019, pp. 165-204, UDK 37 ISSN 0350-1094.

Works Cited

1. **About Irrational Numbers**, MAT-KOL, Banja Luka, XXII (2), 2016, pp. 91-105, <http://www.imvibl.org/dmbl/dmbl.htm>, ISSN 0354-6969(o), ISSN 1986-5828(o), cited 195 times, until 11.09.2020 (according to Academia.edu), of which 28 are in highly cited papers.
2. Rad Romeo Meštrović and Miomir Anđić, **Certain congruences for harmonic numbers**, to appear in, *Mathematika Montisnigri*, vol. XXXVIII, 5-11; ISSN 0354-2238, cited in Congruences involving sums of harmonic numbers and binomial coefficients, *Mathematika Montisnigri*, vol. XLVII, 15-21;

Published Books

1. Kasalica, D., Scepanovic, R., **Andjic, M.** *A Collection of Mathematical Problems for 3rd grade of Secondary School*, Laboratory for Mathematics and Computing, Podgorica, 2003. CIP-372.851(075.3)(076).
2. **Andjic, M.** *Introduction to Number Theory – Theory and Examples*. Podgorica, 2005.
3. Scepanovic, R., **Andjic, M.** *A Collection of Solved Problems for Secondary School Contests in Mathematics*, Laboratory for Mathematics and Computing, Podgorica, 2005. COBISS.CG-ID 8987408.
4. **Andjic, M.** *Mathematics I (theorems, definitions, examples, problems)*, University „Mediterranean“, Faculty of Information Technology, Podgorica, 2009. ISBN 978-9940-514-10-5.
5. **dr Miomir Anđić** *Mathematics II (theorems, definitions, examples, problems)*, University „Mediterranean“, Faculty of Information Technology, Podgorica, 2009. ISBN 978-9940-514-09-9.
6. **Andjic, M.**, Scepanovic, R. *A Collection of Solved Problems in Algebra for Further Maths Lessons and Secondary School Contests*. Institute for Textbook Publishing and Teaching Aids, Podgorica, 2013
7. Scepanovic, R., **Andjic, M.** *A Collection of Solved Problems in Geometry and Analysis for Further Maths Lessons and Secondary School Contests*. Institute for Textbook Publishing and Teaching Aids, Podgorica, 2013
8. **Miomir Anđić**, Aleksandar M. Anđić. *Engineering Mathematics (theorems, definitions, examples, problems)*, University "Mediterranean". Podgorica, 2019, ISBN 978-9940-514-59-4
9. **Miomir Anđić**, Aleksandar M. Anđić. *Engineering Mathematics (theorems, definitions, examples, problems)*, University "Mediterranean". Podgorica, 2019, ISBN 978-9940-514-60-0.

Books ready for Publishing

1. Planimetry and Stereometry.
2. Function $\lfloor x \rfloor$ and Its Implementations.
3. Binomial Formula and Its Implementations.
4. Introduction to Number Theory.

Reviewing	Reviewer of textbooks, handbooks and workbooks:
	<ol style="list-style-type: none"> 1. Dr Radoje Scepanovic, Dragoje Kasalica, <i>Mathematics for 2nd grade, Workbook</i>, Laboratory for Mathematics and Computing, Podgorica, 2003 2. Djoko Markovic, MSci, <i>Geometric Polymorphism</i>, 3M Makarija, Podgorica, 2006 3. Prof. Predrag Obradovic, PhD, Ivana Ognjanovic, PhD, <i>Probability and Statistics with Workbook</i>, University "Mediterranean" Podgorica, Podgorica, 2014
Congresses	<ol style="list-style-type: none"> 1. "Some Step-by-Step Linear Functions and Their Applications", The 9th Congress of Mathematicians of Yugoslavia, Petrovac, 1995. 2. "Solving Extremum Problems in Elementary Way", The 10th Congress of Mathematicians of Yugoslavia, Belgrade, 2001. 3. "Magical World of Numbers", The 11th Congress of Mathematicians of Serbia and Montenegro, Petrovac, 2004. 4. "Magic Number Phi", the 12th Serbian Mathematical Congress, Novi Sad, 2008 5. "Some Congruencies for Fermat Quotient, Some Congruencies that Contain Harmonic Numbers", the 5th Congress of Mathematicians of Macedonia, Ohrid, 2014 6. Romeo Meštrović and Mimir Anđić, Some congruences involving harmonic numbers, <i>V Congress of Mathematicians of Macedonia</i>, Ohrid, R. Macedonia, September 2014
Conferences	<ol style="list-style-type: none"> 1. "Internet Presentation of Number Theory", The Conference on Applied Mathematics, Budva, 2004
Seminars	<ol style="list-style-type: none"> 1. <i>Legal Regulation in the area of Education</i>, seminar for high school and primary school principals, Pljevlja, 2006. 2. <i>RaNa Seminar</i>, Department of Mathematics and Computing, Novi Sad, 2003, "Internet Presentation of Number Theory", 3. Regular presentations at daily seminars for Mathematics teachers, Ministry of Education of Montenegro
Round tables	<ol style="list-style-type: none"> 1. <i>Changes in Educational System in Montenegro</i> round table. Ministry of Education and Science, 2004. "Interactive Teaching"
Summer schools for young mathematicians	<ol style="list-style-type: none"> 1. Summer schools for young mathematicians, Bijeljina, 1997 2. Summer schools for young mathematicians "Piramida", Podgorica, 2001
Competition Committees	<ol style="list-style-type: none"> 1. Member of all Mathematics Committees on municipal, regional, republic and national competitions in Montenegro, since 1980 2. Member of all Mathematics Committees on federal competitions for primary and secondary school students, from 1980 to 2006 3. Member of two-member Mathematics Committee of Montenegro on the 15th Balkan Mathematical Olympiad, held in Cyprus, in June 2011 4. Member of two-member Mathematics Committee of Montenegro on the Senior Balkan Mathematical Olympiad, held in Turkey, 2012 5. Member of two-member Mathematics Committee of Montenegro on the 16th Junior Balkan Mathematical Olympiad, held in Greece, in June 2012 6. Member of two-member Mathematics Committee of Montenegro on the 17th Junior Balkan Mathematical Olympiad, held in Turkey, in June 2013 7. Member of two-member Mathematics Committee of Montenegro on the 18th Junior Balkan Mathematical Olympiad, held in Ohrid, FYRM, in June 2014
Awards	<ul style="list-style-type: none"> - Special Award of "Science to the Youth of Montenegro Movement" - Acknowledgment by the University of Donja Gorica for exceptional contribution to the realization of the "Conference for high school teachers in Montenegro", UDG, January 17-18, 2019

Engagements at faculties

1. Held lectures on Methodology of Teaching Mathematics at the Faculty of Philosophy, Niksic, Department of Teacher Education
2. Curriculum developer for Methodology of Teaching Mathematics at the Faculty of Philosophy, Niksic, in compliance with contemporary demands of reformed primary school and the Bologna Declaration
3. Curriculum developer for *Geometry and Methodology of Teaching Mathematics for prospective Master's and Doctoral Studies* at the Faculty of Philosophy, Niksic
4. Teaching Assistant for *Mathematics I, Mathematics II* and *Probability and Statistics* at the Faculty of Information Technology, University "Mediterranean" Podgorica, October 2006-June 2007
5. Assistant Professor of *Mathematics I* and *Mathematics II* at the Faculty of Information Technology, University "Mediterranean" Podgorica, October 2007 – August 2012.
6. Associate professor of *Mathematics I, Mathematics II* at the Faculty of Information Technology, University "Mediterranean" Podgorica, since August 2012.
7. Professor of *Probability and Statistics* at the Faculty of Information Technology, University "Mediterranean" Podgorica, since September 2015.
8. President and member of committees for assessment of final and specialist's papers at the Faculty of Information Technology, University "Mediterranean" Podgorica
9. President of the Disciplinary committee at the Faculty of Information Technology, University "Mediterranean" Podgorica
10. Member of the Faculty Grant Commission at the Faculty of Information Technology, University "Mediterranean" Podgorica
11. President and member of review commission for lecturer eligibility at the Faculty of Information Technology, University "Mediterranean" Podgorica
12. President and a member of the hiring committee for teaching assistants at the Faculty of Information Technology, University "Mediterranean" Podgorica
13. Member of the Commission for the inaugural lecture of a candidate for promotion to the title of full professor at the Faculty of Information Technology, University "Mediterranean" in Podgorica.

Other engagements

1. Test maker for national testing at Examination Center of Montenegro, decided on the basis of the EC Public Announcement in 2006
2. Member of the Government Committee for drafting Spatial Plan for area of special purpose "Bjelasica-Komovi", 2009.
3. Member of Government Working group for education for monitoring the realisation of Action Plan for Implementation of Anti-Corruption Strategy
4. Coordinator of the Committee for drafting the Strategy of secondary education in Montenegro 2015-2020.
5. Member of Working Group for development of Action Plan for implementation of the General secondary school education strategy in Montenegro 2017-2018.
6. Member of Coordinating entity for monitoring implementation of the General secondary school education strategy and Action plan for implementation of the General secondary school education strategy in Montenegro (2017-2018).
7. Member of the Committee for designing new patterns of pedagogical documents for general secondary education for the period from 2015.
8. Member of the National Committee for monitoring matura examination.
9. Member of the Working Group for drafting the Rules on amendments to the Rules on methods, procedure and evaluation of criteria for registration in high schools.
10. Member of the committees for licensing adult learning institutions.
11. Member of the Committee for licensing private high schools.
12. Member of the Working Group for drafting the Law on Amendments to the Law on High School.
13. Multiannual mentor to Montenegrin high-school students for junior and senior Balkans Olympiad, where two silver and four bronze medals have been won.
14. President of the Sector Committee for Science at the Ministry of Education of Montenegro.

Personal skills and competences

Mother tongue Montenegrin

Other languages

Russian

Selfassessment

CEFR (*)

Comprehension		Speaking		Writing
Listening	Reading	Speaking interaction	Speaking production	
B1	B1	B1	B1	B1

(*)<http://europass.cedefop.europa.eu/en/resources/european-language-levels-cefr>

Computer skills and competences

Microsoft Office package (Word, Excel, PowerPoint, Outlook), the Internet

Other skills and competences

Good knowledge of chess

Driving license

B category