



Eduard Stefan Grigoriuc

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WORK EXPERIENCE

09/2022 – CURRENT Cluj-Napoca, Romania

RESEARCH ASSISTANT "TIBERIU POPOVICIU" INSTITUTE OF NUMERICAL ANALYSIS, ROMANIAN ACADEMY

Website www.ictp.acad.ro

EDUCATION AND TRAINING

10/2020 – CURRENT Cluj-Napoca, Romania

PHD IN MATHEMATICS "Babes-Bolyai" University, Faculty of Mathematics and Computer Science

Title of the thesis: Modern approaches in the theory of univalent mappings in $\mathbb{C}$ and $\mathbb{C}^n$

Scientific supervisors: Prof. dr. Gabriela Kohr & Prof. dr. Mirela Kohr

Website www.cs.ubbcluj.ro | **Level in EQF** EQF level 8

10/2018 – 07/2020 Cluj-Napoca, Romania

MASTER DEGREE IN ADVANCED MATHEMATICS "Babes-Bolyai" University, Faculty of Mathematics and Computer Science

Title of the thesis: Loewner chains and the Loewner differential equation on the unit disc in $\mathbb{C}$ and on the unit ball in $\mathbb{C}^n$

Scientific supervisor: Prof. dr. Gabriela Kohr

Website www.cs.ubbcluj.ro | **Level in EQF** EQF level 7

10/2015 – 07/2018 Cluj-Napoca, Romania

BACHELOR DEGREE IN MATHEMATICS "Babes-Bolyai" University, Faculty of Mathematics and Computer Science

Title of the thesis: Loewner differential equation on the unit disc in the complex plane

Scientific supervisor: Prof. dr. Gabriela Kohr

Website www.cs.ubbcluj.ro | **Level in EQF** EQF level 6

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Matlab | Microsoft Office | LaTeX

CONFERENCES AND SEMINARS

National conferences/workshops

1. [NA-NM-AT 2024](#) (as part of the [Cluj Academic Days](#)), "Tiberiu Popoviciu" Institute of Numerical Analysis, Romanian Academy, Cluj-Napoca (Romania), 4-7 November 2024 (online);
2. [Sixth Romanian Itinerant Seminar on Mathematical Analysis and its Applications \(RISMAA\)](#), Faculty of Mathematics and Computer Science, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 30-31 May 2024
3. [Student Scientific Communications \(Mathematics\)](#), Faculty of Mathematics and Computer Science, Department of Mathematics, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 25 May 2024;
4. [NANMAT Workshop for Young PhD Students \(NANMAT-WYPhDS-2023\)](#), "Tiberiu Popoviciu" Institute of Numerical Analysis, Romanian Academy, Cluj-Napoca (Romania), 25-26 November 2023;
5. [NA-NM-AT 2022](#) (as part of the [Cluj Academic Days](#)), "Tiberiu Popoviciu" Institute of Numerical Analysis, Romanian Academy, Cluj-Napoca (Romania), 26-28 October 2022 (online);
6. [Students' Scientific Communication Session](#), Faculty of Mathematics and Computer Science, Department of Mathematics, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 21 May 2022;
7. [Fourth Romanian Itinerant Seminar on Mathematical Analysis and its Applications \(RISMAA\)](#), Transilvania University, Braşov (Romania), 19 – 21 May 2022;
8. [Workshop for Young Researchers in Mathematics – 11th Edition \(hybrid\)](#), The Institute of Mathematics "Simion Stoilow" of the Romanian Academy, Bucharest (Romania), 19 – 20 May 2022;
9. [Workshop for Young Researchers in Mathematics – 10th Edition](#), The Institute of Mathematics "Simion Stoilow" of the Romanian Academy, Bucharest (Romania), 20-21 May 2021 (online);
10. [Conference of Doctoral Schools from the "Universitaria" Consortium \(CSDCU-MIF2020\)](#), Third Edition, "Alexandru Ioan Cuza" University, Iaşi (Romania), 22-24 October 2020 (online);
11. [Students' Scientific Communication Session](#), Faculty of Mathematics and Computer Science, Department of Mathematics, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 17 May 2019;
12. [Students' Scientific Communication Session](#), Faculty of Mathematics and Computer Science, Department of Mathematics, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 25 May 2018;

International conferences/workshops:

1. [4th Edition of The Workshop dedicated to the memory of Professor Gabriela Kohr – "Geometric Function Theory in Several Complex Variables and Complex Banach Spaces"](#), Faculty of Mathematics and Computer Science, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 29 November – 1 December 2024;
2. [3rd Edition of The Workshop dedicated to the memory of Professor Gabriela Kohr – "Geometric Function Theory in Several Complex Variables and Complex Banach Spaces"](#), Faculty of Mathematics and Computer Science, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 1-3 December 2023;
3. [9th International Conference on Mathematics and Informatics](#), Sapientia Hungarian University of Transylvania (Department of Mathematics and Informatics), Târgu Mureş, Romania, 7-8 September 2023;
4. [2nd Edition of The Workshop dedicated to the memory of Professor Gabriela Kohr – "Geometric Function Theory in Several Complex Variables and Complex Banach Spaces"](#), Faculty of Mathematics and Computer Science, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 1-3 December 2022;
5. [14th Joint Conference on Mathematics and Computer Science \(the 14th MaCS\)](#), "Babeş-Bolyai" University, Cluj-Napoca (Romania), 24-27 November 2022;
6. [International Students' Conference StudMath-IT](#), Faculty of Exact Science, "Aurel Vlaicu" University, Arad (Romania), 23-24 November 2022 (online);
7. [Early Career Researchers in Mathematics \(ECRM\)](#), Department of Mathematics, University College London, United Kingdom, 21 – 24 June 2022;
8. [Workshop dedicated to the memory of Professor Gabriela Kohr – "Geometric Function Theory in Several Complex Variables and Complex Banach Spaces"](#), Faculty of Mathematics and Computer Science, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 1-3 December 2021 (online participant);
9. [International Students' Conference StudMath-IT](#), Faculty of Exact Science, "Aurel Vlaicu" University, Arad (Romania), 18-19 November 2021 (online);
10. [The 16th International Symposium on Geometric Function Theory and Applications \(GFTA 2021\) – Dedicated to the memory of Professor Gabriela Kohr](#), "Lucian Blaga" University, Sibiu (Romania), 15-18 October 2021 (online);
11. [8th International Conference on Mathematics and Informatics](#), Sapientia Hungarian University of Transylvania (Department of Mathematics and Informatics), Târgu Mureş, Romania, 9-10 September 2021 (online);
12. [The 13th International ISAAC Congress](#), University of Ghent, Ghent (Belgium), 2-6 August 2021 (online participant);
13. [The International Conference on Complex Analysis and Related Topics \(dedicated to the 90-th anniversary of Anatolii Asirovich Goldberg, 1930-2008\)](#), Ivan Franko National University, Lviv (Ukraine), 28 June – 1 July 2021 (online);
14. [8th European Congress of Mathematics](#), Portorož (Slovenia), Talk in the Minisymposium: *Current topics in Complex Analysis* organized by Prof. Dr. Stanislaw Kanas, 20-26 June 2021 (online);
15. [Young Researchers in Mathematics \(10th Edition\)](#), University of Bristol, Bristol (United Kingdom), 7-9 June 2021 (online);
16. [International Conference of Young Mathematicians](#), Institute of Mathematics of NAS of Ukraine, Kyiv (Ukraine), 3-5 June 2021 (online);
17. [International Conference on Analysis and Its Applications \(ICAA-NEPAL-2021\)](#), Kathmandu University, Kathmandu (Nepal), 9-11 April 2021 (online);

18. [Joint meeting of the British Mathematical Colloquium and the British Applied Mathematics Colloquium \(BMC-BAMC 2021\)](#), Glasgow (United Kingdom), 6–9 April 2021 (online participant);
19. [International Students' Conference StudMath-IT](#), Faculty of Exact Science, "Aurel Vlaicu" University, Arad (Romania), 26–27 November 2020 (online);
20. [13th Joint Conference on Mathematics and Computer Science \(the 13th MaCS\)](#), Eotvos Lorand University, Budapest (Hungary), 1–3 October 2020 (online);
21. [International Students' Conference StudMath-IT](#), Faculty of Exact Science, "Aurel Vlaicu" University, Arad (Romania), 21–22 November 2019;

Research seminars

1. [Seminar of the Research Group in Complex Analysis "Prof. dr. Gabriela Kohr"](#), Faculty of Mathematics and Computer Science, Department of Mathematics, "Babes-Bolyai" University of Cluj-Napoca, Romania
 - 6 June 2024
 - 7 March 2024
 - 8 June 2023
 - 13 October 2022
 - 31 March 2022
 - 27 September 2021
 - 4 March 2021
 - 12 December 2019
2. Seminar of the Research Group in Numerical Analysis, "Tiberiu Popoviciu" Institute of Numerical Analysis, Romanian Academy, Cluj-Napoca, Romania
 - 28 February 2024
 - 3 May 2023
 - 22 March 2023
 - 14 December 2022
 - 9 November 2022

DRIVING LICENCE

Driving Licence: AM

Driving Licence: B1

Driving Licence: B

PUBLICATIONS

Scientific papers

1. **E.S. Grigoriuc**, *g-Loewner Chains and the Graham-Kohr Extension Operator in Complex Banach Spaces*, Comput. Methods Funct. Theory, accepted
2. P. Dicu, M. Dicu, **E.S. Grigoriuc**, *Univalence criteria for certain integral operator*, Bull. Transilv. Univ. Brasov, Ser. III, Math. Comput. Sci., accepted
3. **E.S. Grigoriuc**, *New subclasses of univalent functions on the unit disc in $\mathbb{C}$* , Stud. Univ. Babes-Bolyai Math., **69** (2024) no. 4, pp. 769-787.
4. **E.S. Grigoriuc**, *A Stancu type extension of the Cheney-Sharma Chlodovsky operators*, J. Numer. Anal. Approx. Theory, **53** (2024) no. 1, 103-117.
5. **E.S. Grigoriuc**, *New subclasses of univalent mappings in several complex variables: extension operators and applications*, Comput. Methods Funct. Theory, **23** (2023) no. 3, 533-555.
6. **E.S. Grigoriuc**, *On some convex combinations of biholomorphic mappings in several complex variables*, Filomat, **36** (16) (2022), 5503-5519;
7. **E.S. Grigoriuc**, *Some general distortion results for $K(\alpha)$ and $S^*(\alpha)$* , Mathematica (Cluj), **64** (87) (2022) no. 2, 222-232.
8. **E.S. Grigoriuc**, *On some classes of holomorphic functions whose derivatives have positive real part*, Stud. Univ. Babeş-Bolyai Math., **66** (3) (2021), 479-490

Elementary mathematics

1. **E.S. Grigoriuc**, *Abordare sistematică prin intermediul sistemelor de ecuații liniare a unor probleme de ciclu primar*, Didactica Mathematica, **38** (2020), pp. 45-53.