PERSONAL INFORMATION   Iulia-Elena Chiru

POSITION   PhD STUDENT

2019 – Present	**Algebra, Cryptography**
	Babeș-Bolyai University, Mathematics and Computer Science, Cluj-Napoca, Romania
	• Seminar teacher
2022 - Present	**Calculus, Probabilities, Financial and Actuarial Mathematics, Cryptography**
	Babeș-Bolyai University, FSEGA, Cluj-Napoca, Romania
	• Seminar teacher

WORK EXPERIENCE

2019 – Present	**PhD in Algebra**
	Babes-Bolyai University, Cluj-Napoca, Romania
	▪ Algebra
2017 – 2018	**Master's Degree in Advanced Mathematics**
	Babes-Bolyai University, Cluj-Napoca, Romania
	▪ Advanced Mathematics
2014 – 2017	**Bachelor's Degree in Mathematics**
	Babes-Bolyai University, Cluj-Napoca, Romania
	▪ Mathematics

EDUCATION AND TRAINING

PERSONAL SKILLS

Mother tongue(s)	Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
	College Degree				
French	B1	B1	B1	B1	B1
	DELF				

Communication skills

Most of my communication skills have been gained through teaching the seminars during my PhD, as I have been put into contact with different types of students, both native and outside of the country.
A good increase on this part was being part of some international conferences, such as MaCS13 and MaCS14.

Papers

1. I.-E. Chiru, S. Crivei, Von Neumann regular matrices revisited, Linear Multilinear Algebra 71 (2023), 1352-1363. DOI: 10.1080/03081087.2022.2061402

2. I.-E. Chiru, S. Crivei, G. Olteanu, Strongly regular matrices revisited, Linear Algebra Appl. 658 (2023), No. 2 (February), 233-249. DOI: 10.1016/j.laa.2022.11.006

3. I.-E. Chiru, Strong inner and strong reflexive inverses in semiprime rings, Mathematica 65 (88) (2023), 215-218. DOI: 10.24193/mathcluj.2023.2.07

4. I.-E. Chiru, S. Crivei, Von Neumann local matrices, Mathematica 65 (88) (2023), 219-228. DOI: 10.24193/mathcluj.2023.2.08

5. I.-E. Chiru, S. Crivei, Matrices having nonzero outer inverses, Electron. J. Linear Algebra 40 (2024), 299-306. DOI: 10.13001/ela.2024.7901

Computer skills

Good understanding of the Microsoft Office Tools
Python Programming
Latex editing
Photoshop