

Adela LUPESCU

PERSONAL DATA

PLACE AND DATE OF BIRTH: Arad, Romania | 19 May 1989
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WORK EXPERIENCE

<i>Current</i> AUG 2018	Teacher Royal School in Transylvania , Cluj-Napoca, Romania Teaching mathematics, statistics, theoretical mechanics, accounting (UK curriculum), computer science and ICT for children from Secondary School, High School, ICGSE and A Level
<i>Jan 2020</i> OCT 2017	Mathematics tutor (self-employed) "Isoscel Education" , Cluj-Napoca, Romania Teaching mathematics for children from Secondary School and High School
<i>Sept 2018</i> OCT 2013	Teaching Assistant (as PHD Student) "Babes-Bolyai" University , Cluj-Napoca, Romania Teaching seminars (in Romanian and/or English) on: Algebra, Basic Algebraic Structures, Linear Algebra, Introduction to Cryptography, Complements of Algebra, Affine Geometry; Students' homework grading; Students' exams grading.

EDUCATION

OCT 2013 - PRESENT	Ph.D in GEOMETRY, "Babes-Bolyai" University , Cluj-Napoca Thesis-In Preparation: "Circular Morse Theory" Advisor: Prof. Dorin ANDRICA INTERESTS: Differential Geometry; Algebraic Topology; Functional Analysis; Morse Theory, Reeb Graph of an application.
OCT 2011 - SEPT 2013	Master's Degree in DIDACTIC MATHEMATICS, "Babes-Bolyai" , Cluj-Napoca Thesis: "Remarcable centers of a triangle" Advisor: Daniel VACARETU
OCT 2008 - SEPT 2011	Bachelor's Degree in MATHEMATICS, "Babes - Bolyai" , Cluj-Napoca Thesis: "Loci Problems in Geometry" Advisor: Daniel VACARETU
SEPT 2004 - JUL 2008	High School MATHEMATICS AND NATURAL SCIENCES "Moise Nicoara" National College , Arad, Romania

TRAINING

MATHEMATICS: Cambridge Extension Course IGCSE(0580)
COMPUTER SCIENCE: Cambridge Introductory Course (0478)
GENERAL: Introduction to Cambridge Lower Secondary and ALISON ABC IT

LANGUAGES

ROMANIAN: Mother tongue
ENGLISH: Fluent
FRENCH: Good working knowledge
SPANISH: Good working knowledge

PERSONAL SKILLS

Good communication skills gained through my research experience and interaction with research groups.

Leadership (currently teaching groups of 30 students) time management skills and organizational skills (Research Coordinator for MatLan "Emil Racovita" National College Project).

Very well organized and attentive to detail. Fast learner and good team player.

COMPUTER SKILLS

LaTeX; Symbolic and numerical computation (Maple, Mathematica, Matlab);
Web Design (HTML/CSS Basics); Data Structure and Algorithms; Python

ADDITIONAL INFORMATION

PUBLICATIONS "Note on the minimum number of critical points of real or circular" Lupescu, Adela; Pinte, Cornel; *Mathematica*, 2017
"Circular mappings with minimal critical sets" Andrica, Dorin; Lupescu, Adela; Pinte, Cornel; *Studia*, 2014;
"Note on the adjoint Spieker points" Andrica, Dorin; Lupescu, Adela; Barbu Catalin; *IJG* 2017;
"Note on an Algorithm for Computing the Reeb Graph" Adela Lupescu; *IJG*, 2017;
"Remarkable centers of a triangle", Master's thesis, 2015.
"Loci Problems in Geometry", Bachelor's Thesis, 2013;

PRESENTATIONS "Circular mappings with minimal critical sets" - (MaCS 2014), Cluj-Napoca.

CONFERENCES 10th Joint Conference on Mathematics and Computer Science (MaCS 2014), Cluj-Napoca, May 21-25, 2014;
National Conference "Didactics of Mathematics", Bihor County, 2014;
National Conference "Didactics of Mathematics", Mures County, 2013;
Le 26e congres MATH.en.JEANS, Lyon, France;
Le 25e congres MATH.en.JEAN, Avignon, France;
Le 24e congres MATH.en.JEANS, Lyon, France;

CONFERENCES Third International Conference on Numerical Analysis and Approximation Theory (NAAT), Cluj-Napoca, Romania (2014) (*organizing team*)

DRIVING LICENCE B