Elsayed Ahmed

University of Tampa   Oce: MKE 104
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RESEARCH INTERESTS

Geometric group theory and number theory. Groups generated by automata. Polynomial dynamics on the ring of d-adic integers. Bireversible automata.

EDUCATION

08/2014 – 12/2018	Ph.D. in Mathematics University of South Florida Tampa, Florida, USA Advisor: Dr. D. Savchuk Title: Groups Generated by Automata Arising from Transformations of the Boundaries of Rooted Trees
08/2014 – 05/2016	M.A. in Mathematics, University of South Florida Tampa, Florida, USA
09/2013 – 08/2014	PrePhD Diploma in Mathematics, The International Centre for Theoretical Physics (ICTP) Trieste, Italy Advisor: Dr. Dr. Advisor:

WORK EXPERIENCE

08/2020 – present   Assistant Teaching Professor
University

5. Algebra and Analysis Summer School, Cairo University, Cairo, Egypt, July 2009.

TEACHING EXPERIENCE

University of Tampa

Teaching the following courses:

MAT 155	Finite Mathematics for Liberal Arts
MAT 160	College Algebra
MAT 170	Precalculus
MAT 225	Calculus for Business

Florida Polytechnic University

Teaching the following courses:

MAC 1147	Precalculus Algebra and Trigonometry
MAC 2311	Calculus I
MAC 2312	Calculus II
MAC 2313	Calculus III
MAP 2302	Di erential Equations
MAS 3114	Computational Linear Algebra

University of South Florida

Teaching the following courses:

MAC 1147	Precalculus Algebra and Trigonometry
MAC 2312	Calculus II

Help Sessions in the following courses:

MAC 2233	Business Calculus

Tutoring the following courses:

MAC 1105	College Algebra
MGF 1106	Finite Mathematics
MAC 1147	Precalculus Algebra and Trigonometry

Mansoura University

Recitation Sessions in the following courses:

Math 111	Algebra and Geometry
Math 112	Di erential and Integral Calculus
Math 211	Real Analysis
Math 215	Linear Algebra I
Math 218	Solid Analytic Geometry
Math 412	Graph Theory
Math 414	Functional Analysis
Math 415	Lie Algebras
Math 418	Lattice Theory

SKILLS

Languages	Arabic (native) and English (uent)
Computer	I have experience working in GAP and Maple and in publishing scienti c documents with LATEX