

CURRICULUM VITÆ — PELEG MICHAELI

CONTACT INFORMATION

Magen Avraham 13
Tel Aviv 6813340, Israel
Phone: (972) 54 2236818
E-mail: peleg.michaeli@math.tau.ac.il
WWW: www.math.tau.ac.il/~pelegm

EDUCATION

Tel Aviv University (2016–present) Pure Mathematics (for PhD)

- Supervisors: Prof. Michael Krivelevich and Prof. Asaf Nachmias

Tel Aviv University (2010–2016) Pure Mathematics (for MSc), *with excellence*

- Title of thesis: *The Trace of Random Walks on Random Graphs*
- Supervisor: Prof. Michael Krivelevich

Tel Aviv University (2006–2010) Pure Mathematics (for BSc), *with excellence*

- Studies included Computer Science, Psychology and Philosophy studies
- Three semesters were studied in **The Open University of Israel** while living in London (2007–2009)

Hakla'i Pardes-Hanna High School (1996–2000) Honours: Physics and Computer Science

AWARDS

School of mathematics award for excellence, Tel Aviv University 2016
Rector's list for excellence in teaching, Tel Aviv University 2012
Eljoseph award for excellence in teaching, Tel Aviv University 2011
School of mathematics award for excellence, Tel Aviv University 2010
The Open University of Israel's President Award 2008
Dean's List, Tel Aviv University 2007

PUBLICATIONS

1. *On the trace of random walks on random graphs* (2015), with Alan Frieze, Michael Krivelevich and Ron Peled, **submitted**, available at [arXiv:1508.07355](https://arxiv.org/abs/1508.07355)
2. *Small subgraphs in the trace of a random walk*, with Michael Krivelevich, *Electronic Journal of Combinatorics* **24** (2017), no. 1, Paper 28

TALKS

May 2017 *Small subgraphs in the trace of a random walk*, Students Probability Day VI, Weizmann Institute of Science, Israel

May 2016 *On the trace of random walks on random graphs*, Research Seminar in Combinatorics, Tel Aviv University, Israel

February 2016 *The trace of random walks on random graphs*, TAU-FUB Workshop on Positional Games, Freie Universität Berlin, Germany

May 2015 *The trace of random walks on random graphs*, Students Probability Day V, Weizmann Institute of Science, Israel

TEACHING

2009–present School of Mathematics, Tel Aviv University

- Lecturer, *Calculus*, Summer 2010, Summer 2011, Summer 2012, Summer 2013, Summer 2014, Summer 2015, Summer 2016, Fall 2016
- Lecturer, *Combinatorics*, Summer 2016
- Lecturer, *Math Refresher Workshop*, Summer 2015, Summer 2016
- Instructor, *Linear Algebra*, Fall 2015
- Tutor, *Young Students Program*, 2010–2012
- Instructor, *Set Theory*, Fall 2010, Fall 2011, Spring 2012, Fall 2012
- Instructor, *Combinatorics*, Spring 2011, Spring 2012
- Instructor, *Calculus*, Fall 2009, Fall 2010, Fall 2011
- Grading assignments in Calculus, Linear Algebra, Combinatorics, Graph Theory and Probability

2012–2013 IDC Herzliya — *Teaching Assistant*, grading assignments in Logics, Combinatorics and Set Theory

OTHER
ACTIVITIES

March 2017 FUB-TAU Research Workshop on Graph and Hypergraph Coloring, Tel Aviv University, Israel

February 2017 Recent trends in the study of expanders and high dimensional expanders, Weizmann Institute of Science, Israel

November 2016 Sage Days 79, The Hebrew University of Jerusalem, Israel

August 2016 Hungarian-Israeli combinatorial days, Technion, Israel

July 2016 High dimensional expanders, inverse theorems and PCPs, Weizmann Institute of Science, Israel

June 2016 Annual Meeting of the Israel Mathematical Union

January 2016 Combinatorics: Challenges and Applications, Tel Aviv University, Israel

August 2015 Mostly Markov Mixing (Summer Workshop), Technion, Israel

May 2015 Annual Meeting of the Israel Mathematical Union

March 2015 FUB-TAU Workshop on Positional Games and Extremal Combinatorics, Tel Aviv University, Israel

January 2015 The 18th Midrasha Mathematicae – In and Around Combinatorics, The Israel Institute for Advanced Studies, The Hebrew University of Jerusalem, Israel

June 2014 Second Joint International Meeting of the IMU and the AMS, Tel Aviv University, Israel

RESEARCH
INTERESTS

- Discrete random structures
- Random walks on graphs
- Percolation
- Hypergraphs
- Positional games