

CURRICULUM VITAE
SHAI SHECHTER

GENERAL INFORMATION.

Name: Shai Shechter

Date and place of birth: 22/08/1985, Haifa, Israel

Citizenship: Israeli

Languages: Hebrew (native), English (fluent), German (upper-intermediate)

Marital Status: Married +1

Corresponding Address: Faculty of Mathematics and Computer Science, The Weizmann Institute of Science
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PROFESSIONAL EXPERIENCE.

1/11/2019 – Present day	Teaching assistant	Faculty of Mathematics and Computer Science, WIS , Generalized functions,
20/10/2018 – Present day	Postdoctoral Fellow	Faculty of Mathematics and Computer Science, WIS
1/2/2019 – 30/6/2019	Teaching assistant	Gateway to academy preparatory school for applicants to engineering degrees from Bedouin communities in the Negev , Real analysis I
1/10/2011 – 30/2/2019	Teaching assistant	Department of Mathematics, BGU , Real analysis I & II, Algebra I, Discrete Mathematics
1/7/2017 – 30/7/2017	Undergraduate thesis reviewer	Ministry of Education
1/11/2016 – 30/1/2017	Lecturer	Department of Education, BGU , Pre-Calculus for high-school teachers
1/8/2014 – 30/8/2014	Undergraduate thesis reviewer	Ministry of Education
7/1/2004 – 30/1/2007	Military Service	Paratrooper Reconnaissance Unit, IDF , combatant

EDUCATION.

Doctorate	Ph.D Mathematics, Ben Gurion University of the Negev, Beer Sheva, Israel THESIS: <i>On Regularity and Approximative Regarding the Representation Zeta Functions of Groups</i> ADVISOR: Prof. Uri Onn SUBMITTED: 2/10/2018 ACCEPTED: 4/6/2019
Master's	M.Sc Mathematics, Ben Gurion University of the Negev, Beer Sheva, Israel THESIS: <i>The Representation Zeta Function of the Special Linear Group of Certain Division Algebras over a Local Field</i>

ADVISOR: Prof. Uri Onn

Undergraduate

B.Sc Mathematics, Ben Gurion University of the Negev, Beer Sheva, Israel, Graduated 2010

PUBLISHED RESEARCH PAPERS.

Citation numbers are based on Google Scholar and exclude self-citations.

3. S. Shechter. “Regular characters of classical groups over complete discrete valuation rings”. In: *J. Pure Appl. Algebra* 223.10 (2019), pp. 4384–4425 arXiv : 1709.01685 (Citations: 1)
2. A. Carnevale, S. Shechter, and C. Voll. “Enumerating traceless matrices over compact discrete valuation rings”. In: *Israel J. Math.* 227.2 (2018), pp. 957–986 arXiv : 1709.02717 (Citations: 2)
1. S. Shechter. “Characters of the norm-one units of local division algebras of prime degree”. In: *J. Algebra* 474 (2017), pp. 134–165 arXiv : 1512.02448

RESEARCH TALKS.

Invited and contributed presentations.

- 23/7/2019 **Approximating the Representation Zeta Function of Finite Groups of Lie-type**, contributed talk at the *Advanced School on Representations of Pro-p Groups*, ICMAT, Spain
- 1/7/2017 **On Regular Characters of Classical Groups**, invited talk at the *Fourth International Workshop on Zeta Functions in Algebra and Geometry*, Bielefeld University, Germany
- 18/6/2014 **On The Representation Zeta Function for the Group $SL_1(D)$, for D a Division Algebra Over a Local Field**, poster at the *Biccoca Workshop on Representation Theory*, UNIMIB, Italy
- 23/9/2013 **On the Representation Zeta Function of the Special Linear Group of Division Algebras over Local Fields**, student lecture at the workshop *Zeta Functions of Groups and Related Subjects*, University of Padova, Italy

Selected seminar talks.

- 4/3/2019 **Approximating the Representation Zeta Function of Finite Groups of Lie-type**, Algebra Seminar, Haifa University, Israel
- 4/12/2018 **Approximating the Representation Zeta Function of Finite Groups of Lie-type**, Algebraic Geometry and Representation Theory Seminar, The Weizmann Institute of Science, Israel
- 22/6/2016 **On Regular Characters of Groups**, Algebraic Geometry and Number Theory Seminar, Ben-Gurion University
- 5/11/2014 **Representation Zeta Functions of Norm One Subgroups of a Local Division Algebra**, Algebra Seminar, Bar-Ilan University

AWARDS.

- 8/5/2018 Hillel Gauchman Scholarship for excellence in mathematical research (10,000 USD)

FUNDING AND SCHOLARSHIPS.

- 20/10/2018 – Present day Feinberg Graduate School Postdoctoral Fellowship at the Weizmann Institute of Science
- 6/7/2014 – 24/9/2014 Grant for summer visit at the Heinrich Heine University, Düsseldorf, under the mentorship of Prof. B. Klopsch, NRW Scholarship program for students from Israel
- 25/2/2014 – 30/11/2019 Negev Scholarship for PhD students, Ben-Gurion University- Zin Fellowship

10/7/2011– 30/10/2011	Summer Scholarship for outstanding applicants, Mathematics Department, Ben-Gurion University
1/11/2007 – 1/10/2008	Suzzane Zlotowski Scholarship for B.Sc students, Ben-Gurion University