Lawk Mineh

CONTACT INFORMATION	Room 8035, Building 54 Mobile: 07341667845

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Room 8035, Building 54
University Road, SO17 1BJ
Southampton, UK

Mobile: 07341667845
✉ E-mail: L.Mineh@soton.ac.uk
Homepage: https://lawk-mineh.github.io/

EDUCATION

PhD in Mathematics — Oct. 2020 – Present
University of Southampton, Southampton, UK
Supervisor: Ashot Minasyan

Master of Mathematics — Oct. 2015 – June 2019
University of Warwick, Coventry, UK (1st class Hons.)
Dissertation: Boundaries of relatively hyperbolic groups, supervised by Saul Schleimer

EMPLOYMENT HISTORY

Teaching assistant, Analysis, *University of Southampton*	Oct. 2021 – Dec. 2022
Marker, Group theory, *University of Southampton*	Oct. 2021 – Dec. 2022
Marker, Linear algebra I/II, *University of Southampton*	Oct. 2020 – May 2022
Private tutor, *Ivy Education*	Aug. 2019 – Sep. 2020
Undergraduate supervisor, *University of Warwick*	Oct. 2018 – June 2019
Teaching assistant, *Further Mathematics Support Program*	Jan. 2018 – April 2019

RESEARCH INTERESTS

Geometric, combinatorial, and topological methods in group theory. Hyperbolic groups and their generalisations. Profinite and residual properties of groups.

PUBLICATIONS

1. *Structure of quasiconvex virtual joins.*   In preparation

2. *Separability in Morse local-to-global groups*, with D. Spriano (2023).
   Preprint, arXiv:2308.11603

3. *Quasiconvexity of virtual joins and separability of products in relatively hyperbolic groups*, with A. Minasyan (2022).   Preprint, arXiv:2207.03362

ACTIVITIES

DEDIC representative, *University of Southampton*	Oct. 2022 – Present
Postgraduate student representative, *University of Southampton*	Oct. 2022 – Present
Organiser, *Southampton Pure Mathematics Postgraduate Seminar*	Oct. 2021 – Sep. 2022
Academic support officer, *Warwick Maths Society*	Oct. 2018 – June 2019
Secretary, *Warwick Drumming Society*	Oct. 2018 – June 2019
Undergraduate mentor, *Warwick Maths Society*	Nov. 2017 – June 2018

SELECTED TALKS

"Separability and combinations of quasiconvex subgroups" — February 2023
Junior Geometry Seminar, *University of Cambridge*

"Combining quasiconvex subgroups in hyperbolic groups" — January 2023
Dynamics and Group Geometry Early Researchers Seminar, *University of Warwick*

"Combining quasiconvex subgroups in hyperbolic groups" — November 2022
Bristol Junior Geometry Seminar, *University of Bristol*

"Separability of products in relatively hyperbolic groups" — October 2022
Junior Topology and Group Theory Seminar, *University of Oxford*

"Separability and quasiconvexity in relatively hyperbolic groups" — September 2022
Modern advances in geometric group theory, *University of Manchester*

CONFERENCE ORGANISING

Co-organiser, "Early Career Symposium for Topology, Actions, and Symmetry" — August 2023
University of Southampton