

2024 · VOLUME 27 · NUMBER 5

JOURNAL OF GROUP THEORY

EDITORS-IN-CHIEF

Timothy C. Burness, Bristol

Christopher W. Parker, Birmingham

MANAGING EDITORS

Evgenii I. Khukhro, Lincoln

John S. Wilson, Oxford

FOUNDING EDITOR

John S. Wilson, Oxford

EDITORIAL BOARD

Olivier Dudas, Paris

Bettina Eick, Braunschweig

Michael Giudici, Perth

Robert Guralnick, Los Angeles

Adrian Ioana, San Diego

Benjamin Klopsch, Düsseldorf

Anton Klyachko, Moscow

Dessislava H. Kochloukova, Campinas

Frank Lübeck, Aachen

Andrea Lucchini, Padova

Cheryl Praeger, Perth

Rachel Skipper, Salt Lake City

Britta Späth, Wuppertal

Hung Tong-Viet, Binghamton

George Willis, Newcastle

DE GRUYTER

JOURNAL OF GROUP THEORY is devoted to the publication of original research articles in all aspects of group theory. Articles concerning applications of group theory and articles from research areas which have a significant impact on group theory will also be considered.

All information regarding notes for contributors, subscriptions, Open Access, back volumes and orders is available online at www.degruyter.com/jgt.

ABSTRACTED/INDEXED IN Baidu Scholar · Cabells Journalytics · CNKI Scholar (China National Knowledge Infrastructure) · CNPIEC: cnpLINKer · Dimensions · EBSCO (relevant databases) · EBSCO Discovery Service · Genamics JournalSeek · Google Scholar · Japan Science and Technology Agency (JST) · J-Gate · Journal Citation Reports/Science Edition · JournalGuide · JournalTOCs · KESLI-NDSL (Korean National Discovery for Science Leaders) · Mathematical Reviews (MathSciNet) · MyScienceWork · Naver Academic · Naviga (Softweco) · Primo Central (ExLibris) · ProQuest (relevant databases) · Publons · QOAM (Quality Open Access Market) · ReadCube · Scilit · SCImago (SJR) · SCOPUS · Semantic Scholar · Sherpa/RoMEO · Summon (ProQuest) · TDNet · Ulrich's Periodicals Directory/ulrichsweb · WanFang Data · Web of Science: Current Contents/Physical, Chemical and Earth Sciences; Science Citation Index Expanded · WorldCat (OCLC) · X-MOL · Yewno Discover · zbMATH Open.

ISSN 1433-5883 · e-ISSN 1435-4446 · CODEN JGTHFQ

RESPONSIBLE EDITORS Christopher W. Parker, School of Mathematics, The University of Birmingham, Edgbaston, Birmingham B15 2TT, United Kingdom
e-mail: c.w.parker@bham.ac.uk

Timothy C. Burness, School of Mathematics, University of Bristol, Bristol BS8 1UG, United Kingdom
e-mail: t.burness@bristol.ac.uk

Evgenii Khukhro, School of Mathematics and Physics, University of Lincoln, Brayford Pool, Lincoln, Lincolnshire LN6 7TS, United Kingdom
e-mail: khukhro@yahoo.co.uk

John S. Wilson, Mathematical Institute, University of Oxford, Andrew Wiles Building, Radcliffe Observatory Quarter, Woodstock Road, Oxford OX2 6GG, United Kingdom
e-mail: journalgrouptheory@gmail.com

PUBLISHER Walter de Gruyter GmbH, Berlin/Boston, Genthiner Straße 13, 10785 Berlin, Germany

JOURNAL COORDINATOR Natalia Białka, e-mail: natalia.bialka@degruyter.com

ADVERTISEMENTS e-mail: anzeigen@degruyter.com

© 2024 Walter de Gruyter GmbH, Berlin/Boston

TYPESETTING WisSat Publishing + Consulting GmbH, Fürstenwalde

PRINTING Franz X. Stickle Druck und Verlag e.K., Ettenheim



SAUL D. FREEDMAN, VERONICA KELSEY, COLVA M. RONEY-DOUGAL	
The relational complexity of linear groups acting on subspaces	899
MARCO FUSARI, ANDREA PREVITALI, PABLO SPIGA	
Cliques in derangement graphs for innately transitive groups	929
SHANNON EZZAT	
Representation zeta function of a family of maximal class groups: Non-exceptional primes	967
LIJUAN HE, HENG LV, DONGFANG YANG	
Character degrees of 5-groups of maximal class	989
HARISH KISHNANI, AMIT KULSHRESTHA	
Automorphic word maps and the Amit–Ashurst conjecture	1007
VICTOR S. MONAKHOV, IRINA L. SOKHOR	
Groups with subnormal or modular Schmidt pd -subgroups	1025
FILIPP D. DENISOV	
Finite normal subgroups of strongly verbally closed groups	1039
MALLIKA ROY, ENRIC VENTURA, PASCAL WEIL	
The central tree property and algorithmic problems on subgroups of free groups	1059
OWEN GARNIER	
Uniqueness of roots up to conjugacy in circular and hosohedral-type Garside groups	1091
JAVIER ARAMAYONA, GEORGE DOMAT, CHRISTOPHER J. LEININGER	
Isomorphisms and commensurability of surface Houghton groups	1129

