

Canadian
of Mathematics

Journal

canadien de
mathématiques

2022, 74/6

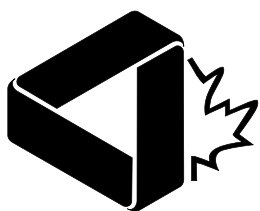
December / décembre



Canadian Mathematical Society
Société mathématique du Canada



CAMBRIDGE
UNIVERSITY PRESS



CANADIAN JOURNAL OF MATHEMATICS

JOURNAL CANADIEN DE MATHÉMATIQUES

EDITORS-IN-CHIEF / RÉDACTEURS-EN-CHEF

Henry Kim & Robert McCann

University of Toronto, Canada

cjm-editors@cms.math.ca / jcm-redacteurs@smc.math.ca

ASSOCIATE EDITORS / RÉDACTEURS ASSOCIÉS

Fabrizio Andreatta
Università degli Studi di Milano

Lia Bronsard
McMaster University

Octav Cornea
Université de Montréal

Ailana Fraser
University of British Columbia

Erwin Lutwak
Courant Institute

William Ross
University of Richmond

Daniel Wise
McGill University

Hans Boden
McMaster University

Lucy Campbell
Carleton University

Shaun Fallat
University of Regina

Joel Kamnitzer
University of Toronto

Rahim Moosa
University of Waterloo

Alistair Savage
University of Ottawa

Jianhong Wu
York University

Kathrin Bringmann
University of Cologne

Benoit Collins
Kyoto University

Ilijas Farah
York University

Matilde Lalin
Université de Montréal

Malabika Pramanik
University of British Columbia

Valentino Tosatti
McGill University

© Canadian Mathematical Society / Société mathématique du Canada, 2022

All rights reserved / tous droits réservés

Suite 209, 1725 St. Laurent Blvd., Ottawa, ON K1G 3V4

ISSN 0008-414X (Print / imprimé), 1496-4279 (Online / électronique)

The geometric figure on the cover, a four-dimensional polytope, was redrawn from the inside cover page of the celebrated book 'Regular Polytopes' by Harold Scott MacDonald Coxeter (1907–2003), one of the greatest geometers of the 20th century. Coxeter, a Fellow of the Royal Society of Canada and a Fellow of the Royal Society (London), joined the University of Toronto in 1936 and worked there enthusiastically for 60 years. Since 1978, the Canadian Mathematical Society has awarded the Coxeter-James Prize in his honor.

La figure géométrique sur la couverture, un polytope en dimension quatre, a été reprise du plat intérieur du célèbre ouvrage Regular Polytopes de Harold Scott MacDonald Coxeter (1907–2003), l'un des plus grands géomètres du XXe siècle. Membre de la Société royale du Canada et de la Royal Society (Londres), H.M.S. Coxeter s'est joint au corps professoral de l'Université de Toronto en 1936, où il a travaillé avec enthousiasme pendant 60 ans. Depuis 1978, la Société mathématique du Canada décerne le prix Coxeter-James en son honneur.

- | | | |
|------|---|--|
| 1517 | Automorphisms and opposition in spherical buildings of exceptional type, I | <i>James Parkinson and Hendrik Van Maldeghem</i> |
| 1579 | Nontame Morse–Smale flows and odd Chern–Weil theory | <i>Daniel Cibotaru and Wanderley Pereira</i> |
| 1625 | Combinatorics of the geometry of Wilson loop diagrams II: Grassmann necklaces, dimensions, and denominators | <i>Susama Agarwala, Siân Fryer, and Karen Yeats</i> |
| 1673 | Wick polynomials in noncommutative probability: a group-theoretical approach | <i>Kurusch Ebrahimi-Fard, Frédéric Patras, Nikolas Tapia, and Lorenzo Zambotti</i> |
| 1700 | Interpolation between noncommutative martingale Hardy and BMO spaces: the case $0 < p < 1$ | <i>Narcisse Randrianantoanina</i> |
| 1745 | Approximation in the Zygmund and Hölder classes on \mathbb{R}^n | <i>Eero Saksman and Odí Soler i Gibert</i> |