

Canadian  
of Mathematics

# Journal

canadien de  
mathématiques

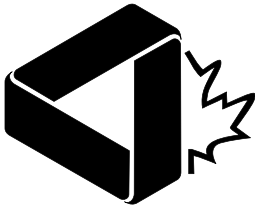
2023, 75/3  
June / juin



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

Hans Boden  
McMaster University

Kathrin Bringmann  
University of Cologne

Lia Bronsard  
McMaster University

Lucy Campbell  
Carleton University

Guillaume Chapuy  
Université Paris-Diderot

Jingyi Chen  
University of British Columbia

Benoît Collins  
Kyoto University

Octav Cornea  
Université de Montréal

Shaun Fallat  
University of Regina

Ilijas Farah  
York University

Ailana Fraser  
University of British Columbia

Philippe Gille  
CNRS & Université  
Claude-Bernard-Lyon-1

Alex Iosevich  
University of Rochester

Dmitry Jakobson  
McGill University

Joel Kamnitzer  
University of Toronto

Matilde Lalin  
Université de Montréal

Erwin Lutwak  
Courant Institute

Rahim Moosa  
University of Waterloo

Robert Osburn  
University College Dublin

Julia Plavnik  
Indiana University - Bloomington

Malabika Pramanik  
University of British Columbia

Frédéric Rochon  
Université du Québec à Montréal

William Ross  
University of Richmond

Alistair Savage  
University of Ottawa

Valentino Tosatti  
McGill University

Shawn XianFu Wang  
University of British Columbia

Daniel Wise  
McGill University

Jianhong Wu  
York University

© Canadian Mathematical Society / Société mathématique du Canada, 2023

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.

---

687	Bounds for the distribution of the Frobenius traces associated to products of non-CM elliptic curves	<i>Alina Carmen Cojocaru and Tian Wang</i>
713	Effective rigid analytic trivializations for Drinfeld modules	<i>Chalinee Khaochim and Matthew A. Papanikolas</i>
743	Special cube complexes revisited: a quasi-median generalization	<i>Anthony Genevois</i>
778	Eisenstein metrics	<i>Cameron Franc</i>
804	Galois module structure of square power classes for biquadratic extensions	<i>Frank Chemotti, Ján Mináč, Andrew Schultz and John Swallow</i>
828	Existence of stationary vortex sheets for the 2D incompressible Euler equation	<i>Daomin Cao, Guolin Qin and Changjun Zou</i>
854	Club stationary reflection and the special Aronszajn tree property	<i>Omer Ben-Neria and Thomas Gilton</i>
912	Loewner's theorem for maps on operator domains	<i>Michiya Mori and Peter Šemrl</i>
945	On elliptic curves with $p$ -isogenies over quadratic fields	<i>Philippe Michaud-Jacobs</i>
965	$p$ -adic $L$ -functions via local–global interpolation: the case of $GL_2 \times GU(1)$	<i>Daniel Disegni</i>
1018	Multiplicity one theorems over positive characteristic	<i>Dor Mezer</i>