

Journal of the  
**AUSTRALIAN  
MATHEMATICAL  
SOCIETY**

*Published for the Australian  
Mathematical Society*

*Editor: Jon Berrick*

Volume 115 • Issue 1 • August 2023



**CAMBRIDGE**  
UNIVERSITY PRESS

# THE AUSTRALIAN MATHEMATICAL SOCIETY

President: Prof. Jessica Purcell

School of Mathematics,  
Monash University,  
Victoria 3800, Australia.

Secretary: Dr Deborah Jackson

Department of Mathematics and Statistics,  
La Trobe University,  
Bundoora Victoria 3086, Australia.

Treasurer: Prof. Lilia Ferrario

Mathematical Sciences Institute,  
The Australian National University,  
Canberra ACT 0200, Australia.

Editor of the Journal:  
Prof. Jon Berrick

School of Mathematics and Statistics,  
The University of Sydney,  
NSW 2006, Australia.

Deputy Editor of the Journal:  
Michael Coons

Department of Mathematics and Statistics,  
California State University,  
Chico, CA 95929, USA.

Assistant Managing Editor of the Journal:  
Judith D. Borwein

School of Mathematical and Physical Sciences,  
University of Newcastle,  
Callaghan, NSW 2308, Australia.

## ASSOCIATE EDITORS

Dmitry Badziahin (University of Sydney)  
Daniel Chan (University of New South Wales)  
Florica Cirstea (University of Sydney)  
Lisa Orloff Clark

James McCoy (The University of Newcastle)  
Milena Radnović (University of Sydney)  
Nathan Ross (The University of Melbourne)  
Jeroen Schillewaert (University of Auckland)  
Aidan Sims (University of Wollongong)

(Victoria University of Wellington)  
James East (Western Sydney University)  
Nora Ganter (The University of Melbourne)  
Michael Giudici

Terence Tao  
(University of California at Los Angeles)  
Graeme Wilkin (University of York)

(University of Western Australia)  
Finnur Lárusson (University of Adelaide)  
Ji Li (Macquarie University)

George Willis  
(The University of Newcastle)  
Oded Yacobi (University of Sydney)

Ben Martin  
(University of Aberdeen)

Robert Yuncken  
(Université de Lorraine)

---

**Membership and correspondence:** Applications for membership, notices of changes of address or title or position, members' subscriptions and correspondence related to accounts should be sent to the Treasurer. All other correspondence should be sent to the Secretary.

**Subscriptions:** Two volumes of three parts are planned for 2023. Subscription prices for 2023 are £641 (\$1181 in USA, Canada and Mexico) which includes print and electronic access. The electronic-only access price for 2023 is £490/€548 (\$905 in USA, Canada and Mexico). Prices include delivery by air where appropriate. EU subscribers who are not registered for VAT should add VAT at their country's rate. VAT registered subscribers should provide their VAT registration number. Orders, which must be accompanied by payment, should be sent to a subscription agent, book-seller, or direct to the publishers: Cambridge University Press, University Printing House, Shaftesbury Road, Cambridge CB2 8BS or, in the USA, Canada and Mexico, Cambridge University Press, Journals Fulfilment Department, 1 Liberty Plaza, Floor 20, New York, NY 10006. Japanese prices are available from Kinokuniya Company Ltd, PO Box 55, Chitose Tokyo 156, Japan. Periodicals postage is paid at New York, NY and additional mailing offices. POSTMASTER: send address changes in USA, Canada and Mexico to *Journal of the Australian Mathematical Society*, Cambridge University Press, Journals Fulfilment Department, 1 Liberty Plaza, Floor 20, New York, NY 10006.

This journal is included in the Cambridge Core service. Further information, and online access for subscribers, is available at [cambridge.org/jaz](http://cambridge.org/jaz).