

Bulletin of the  
**AUSTRALIAN  
MATHEMATICAL  
SOCIETY**

*Published for the Australian  
Mathematical Society*

*Editor: John Loxton*

Volume 100 • Issue 2 • October 2019

**CAMBRIDGE  
UNIVERSITY PRESS**

# THE AUSTRALIAN MATHEMATICAL SOCIETY

President: J. Ramagge

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

Secretary: D. C. Jackson

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

Treasurer: A. Howe

Department of Mathematics  
The Australian National University  
Canberra ACT 0200, Australia

Editor of the *Bulletin*: John Loxton

Senior Academic Adviser  
University of Western Sydney  
Penrith, NSW 2751, Australia

## ASSOCIATE EDITORS

R. S. Anderssen

O. D. Jones

T. W. Ng

A. Sims

J. Cossey

G. I. Lehrer

J. Parkinson

B. Sims

B. A. Davey

R. J. Loy

P. Portal

D. E. Taylor

A. Francis

K. L. McAvaney

J. H. Rubinstein

T. Trudgian

J. Grotowski

M. Murray

J. Simpson

---

**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:** The *Bulletin of the Australian Mathematical Society* began publication in 1969. Normally two volumes of three issues are published annually. Subscription prices for 2019 are £427 (\$779 in USA, Canada and Mexico) which includes print and electronic access. The electronic-only access price for 2019 is £366 (\$664 in USA, Canada and Mexico). Single parts cost £82 (\$149 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, bookseller 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 *Bulletin 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/baz](http://cambridge.org/baz).

**Copying:** This journal is registered with the Copyright Clearance Center (CCC), 222 Rosewood Drive, Danvers, MA 01923, USA. Organisations in the USA who are registered with the CCC may therefore copy material beyond the limits permitted by sections 107 and 108 of US copyright law subject to payment to CCC of the per-copy fee of \$16.00. This consent does not extend to multiple copying for promotional and commercial purposes. Code 0004-9727/2019 \$16.00.

Organisations authorised by the Copyright Licensing Agency may also copy material subject to the usual conditions. For all other use, permission should be sought from Cambridge or the American branch of Cambridge University Press.

Published by Cambridge University Press for the Australian Mathematical Publishing Association Incorporated. Printed in the United Kingdom at Bell & Bain Ltd, Glasgow.

© 2019 Australian Mathematical Publishing Association Inc.