**ISSN 1446-7887** 

## Journal of the AUSTRALIAN MATHEMATICAL SOCIETY

Published for the Australian Mathematical Society

*Editor: George A. Willis* Volume 103 • Issue 3 • December 2017



ttps://doi.org/10.1017/51446788716000768 Published online by Cambridge University Press

## THE AUSTRALIAN MATHEMATICAL SOCIETY

President: K. A. Smith-Miles	School of Mathematical Sciences, Monash University, Victoria 3800, Australia.
Secretary: Prof. Peter J. Stacey	Department of Mathematics and Statistics, La Trobe University, Bundoora Victoria 3086, Australia.
Treasurer: Dr Algy Howe	Department of Mathematics, Australian National University, Canberra ACT 0200, Australia.
Editor of the Journal: Prof. George A. Willis	School of Mathematical and Physical Sciences, University of Newcastle, Callaghan, NSW 2308, Australia.
Assistant Managing Editor of the Journal: Judith D. Borwein	School of Mathematical and Physical Sciences, University of Newcastle, Callaghan, NSW 2308, Australia.

## ASSOCIATE EDITORS

Brian Alspach (The University of Newcastle)	Finnur Lárusson (University of Adelaide)
Lynn M. Batten (Deakin University)	Ben Martin (University of Auckland)
Daniel Chan (University of New South Wales)	Christopher Meaney (Macquarie University)
Michael Coons (The University of Newcastle)	Warren Moors (University of Auckland)
James East (Western Sydney University)	Michael K. Murray (University of Adelaide)
Barry J. Gardner (University of Tasmania)	Igor E. Shparlinski
Michael Giudici (University of Western Australia)	(University of New South Wales)
Andrew M. Hassell	Aidan Sims (University of Wollongong)
(Australian National University)	Valery T. Stefanov
Anthony Henderson (University of Sydney)	(University of Western Australia)
Marcel G. Jackson (La Trobe University)	Terence Tao
Vaithilingam Jeyakumar	(University of California at Los Angeles)
(University of New South Wales)	Wadim Zudilin (The University of Newcastle)

**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 2017. Subscription prices for 2017 are £479 (\$881 in USA, Canada and Mexico) which includes print and electronic access. The electronic-only access price for 2017 is £390 (\$718 in USA, Canada and Mexico). Single parts cost £92 (\$169 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, 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.