

Journal of the
**AUSTRALIAN
MATHEMATICAL
SOCIETY**

*Published for the Australian
Mathematical Society*

Editors: Jonathan M. Borwein and George A. Willis

Volume 98 • Issue 3 • June 2015

CAMBRIDGE
UNIVERSITY PRESS

THE AUSTRALIAN MATHEMATICAL SOCIETY

President: T. R. Marchant

School of Mathematics and Applied Statistics,
University of Wollongong,
Wollongong, NSW 2522, 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.

Editors of the Journal:

Laureate Prof. Jonathan M. Borwein and
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)
Lynn M. Batten (Deakin University)
Frank Calegari (Northwestern University)
Daniel Chan (University of New South Wales)
Peter C. Fenton (University of Otago)
Barry J. Gardner (University of Tasmania)
Andrew M. Hassell
(Australian National University)
Anthony Henderson (University of Sydney)
Marcel G. Jackson (La Trobe University)
Vaithilingam Jeyakumar
(University of New South Wales)
Finnur Lárusson (University of Adelaide)

Ben Martin (University of Auckland)
Christopher Meaney (Macquarie University)
Warren Moors (University of Auckland)
Michael K. Murray (University of Adelaide)
Alan J. Pryde (Monash University)
Igor E. Shparlinski
(University of New South Wales)
Aidan Sims (University of Wollongong)
Valery T. Stefanov
(University of Western Australia)
Terence Tao
(University of California at Los Angeles)
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 2015. Subscription prices for 2015 are £434 (\$799 in USA, Canada and Mexico) which includes print and electronic access. The electronic-only access price for 2015 is £353 (\$651 in USA, Canada and Mexico). Single parts cost £80 (\$146 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, 100 Brook Hill Drive, West Nyack, NY 10994-2133. 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, 100 Brook Hill Drive, West Nyack, NY 10994-2133.

This journal is included in the Cambridge Journals Online service. Further information, and online access for subscribers, is available at journals.cambridge.org/jaz.