About IMAGE .............................................................. 2

Feature Interviews
“There were a few linear algebraists in this part of the world…”
An Interview with Peter Lancaster, by Shaun Fallat ......................... 3
“Well, I guess I ought to try this.”
An Interview with Wayne Barrett, by Steve Butler .............................. 7

Send News for IMAGE Issue 61......................................................... 10

Feature Article
Continuous-Time Quantum Walks in Graphs, by Gabriel Coutinho and Chris Godsil ......................................................... 12

Linear Algebra Education
An Introductory Linear Algebra Course Featuring Computation, by Robert A. Beezer ......................................................... 22
CuratedCourses: A Fine-Grained Educational Repository Demonstrated with Linear Algebra Resources, by Robert A. Beezer, Petra Bonfert-Taylor, Sarah Eichhorn, David Farmer, and Jim Fowler ........................................ 26

Book Review
Matrices: Algebra, Analysis and Applications, by Shmuel Friedland,
Reviewed by Igor Klep .................................................................. 28

Conference Reports
International Conference on Matrix Inequalities and Matrix Equations (MIME2017), China, June 6–8, 2017 .......... 30

Upcoming Conferences and Workshops
The 26th International Workshop on Matrices and Statistics (IWMS-2018), Canada, June 5–7, 2018 ......................... 30
International Conference on Matrix Inequalities and Matrix Equations (MIME2018), China, June 8–10, 2018 ...... 31
Prairie Discrete Mathematics Workshop, Canada, June 12–15, 2018 .............................................................. 31
The Fourteenth Workshop on Numerical Ranges and Numerical Radii, Germany, June 13–17, 2018 ...................... 31
The 7th International Conference on Matrix Analysis and Applications (ICMAA2018), Japan, June 22–25, 2018 ........ 32
The 6th IMA Conference on Numerical Linear Algebra and Optimization, UK, June 27–29 2018 ......................... 32
Riordan Arrays and Related Topics (5RART 2018), Republic of Korea, June 25–29, 2018 ......................... 33
International Conference on Algebra and Related Topics (ICART 2018), Morocco, July 2–5, 2018 ..................... 33

Contents continued on page 2.
Numerical Analysis and Scientific Computation with Applications (NASCA 2018), Greece, July 2–6, 2018 ............33
The 24th Industrial Mathematical & Statistical Modeling (IMSM) Workshop for Graduate Students, USA, July 15–25, 2018 ..................................................................................................................34
The Linear Algebra and Applications Workshop (LAAW2018), Brazil, July 30–31, 2018 ................................................34
ILAS 2019: Linear Algebra Without Borders, Brazil, July 8–12, 2019..........................................................34
Householder Symposium XXI on Numerical Linear Algebra, Italy, June 14–19, 2020 ........................................34

ILAS News
Françoise Tisseur to deliver Olga Taussky-Todd Lecture at ICIAM 2019 ........................................................35
Nominations Sought for Hans Schneider Prize ..................................................................................35
ILAS Election Results ..................................................................................................................35
ILAS President/Vice President Annual Report: March 31, 2018 .......................................................36
ILAS 2017–2018 Treasurer’s Report ........................................................................................36

IMAGE Problem Corner: Old Problems with Solutions
Problem 59-1: Rationality of the Matrix Exponential .................................................................41
Problem 59-2: Root of Cauchy-Bunyakovsky-Schwarz .............................................................41
Problem 59-3: A Matrix Limit ..................................................................................................42
Problem 59-4: Path Connectedness .........................................................................................46

IMAGE Problem Corner: New Problems
Problem 60-1: Skew-Symmetric Forms and Determinants .........................................................48
Problem 60-2: A System of Matrix Equations ..............................................................................48
Problem 60-3: Distance in the Commuting Graph ......................................................................48
Problem 60-4: An Agreeable Permutation Problem ..................................................................48

About IMAGE
ISSN 1553-8991. Produced by the International Linear Algebra Society (ILAS). Two issues are published each year, on June 1 and December 1. The editors reserve the right to select and edit material submitted. All issues may be viewed at http://www.ilasic.org/IMAGE. IMAGE is typeset using L\LaTeX. Photographs for this issue were obtained from websites referenced in articles, university department websites, or from reporters directly, unless indicated otherwise here:

Advertisers: Contact Amy Wehe (awehe@fitchburgstate.edu).
Subscriptions: Contact ILAS Secretary-Treasurer Leslie Hogben (hogben@aimath.org) to subscribe or send a change of address for IMAGE.

Editor-in-Chief: Louis Deaett (louis.deaett@quinnipiac.edu).
Contributing Editors: Jillian McLeod (jillian.mcleod@gmail.com), Sebastian Cioabă (cioaba@udel.edu), Colin Garnett (Colin.Garnett@bhsu.edu), Carlos Fonseca (cmdafonseca@hotmail.com), Rajesh Pereira (pereirar@uoguelph.ca), Naomi Shaked-Monderer (nomi@tx.technion.ac.il), David M. Strong (David.Strong@pepperdine.edu), and Amy Wehe (awehe@fitchburgstate.edu).

For more information about ILAS, its journals, conferences, and how to join, visit http://www.ilasic.org.