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

Feature Interviews
“Luck, location, and leaves of absence”
An Interview with Russ Merris, by Wasin So ................................................................. 3

“An atmosphere full of unwavering support and encouragement”
An Interview with Heike Faßbender, by Beatrice Meini ................................................. 7

Book Announcement
Exploiting Hidden Structure in Matrix Computations: Algorithms and Applications (Cetraro, Italy 2015), by M. Benzi and V. Simoncini (Editors) ................................................................. 9

Articles
Development of Linear Algebra in Korea, by Seok-Zun Song and Sang-Gu Lee .................. 11
Supplementary Notes on Gaussian Elimination, by Richard William Farebrother .................. 12

Linear Algebra Education
Teaching Advanced Spectral Theory to Undergraduates Using Computer Labs, by Emily J. Evans .................................................. 15
Teaching Non-Math Majors the Theory of Linear Algebra Through Proofs, by Martha Lee Kilpack .................................................. 16

Conference Report
Matrix Equations and Tensor Techniques Workshop, Italy, February 13–14, 2017 .................. 17

Book Review
Introduction to Linear Algebra, 5th Edition, by Gilbert Strang,
Reviewed by Douglas Farenick .................................................. 18

Send News for IMAGE Issue 59 ................................................................. 19

Journal Announcement
Guidance for the ELA Refereeing Process ................................................................. 21

Obituary
Takayuki Furuta 1935–2016 ................................................................. 23

Upcoming Conferences and Workshops
The 8th Linear Algebra Workshop (LAW’17), Slovenia, June 12–16, 2017 ...................... 25
The Householder Symposium XX on Numerical Linear Algebra, USA, June 18–23, 2017 .................................................. 25

Contents continued on page 2.
Preservers Everywhere, Hungary, June 19–23, 2017 ................................................................. 26
The Second Malta Conference in Graph Theory and Combinatorics (2MCGTC 2017), Malta, June 26–30, 2017 ........ 26
Special Western Canada Linear Algebra Meeting honouring Peter Lancaster, Canada, July 7–9, 2017 ...................... 26
Rocky Mountain-Great Plains Graduate Research Workshop in Combinatorics (GRWC 2017), USA, July 9–22, 2017 .......................................................... 27
Graduate Student Modeling Workshop (IMSM 2017), USA, July 16–26, 2017 .................................................. 27
ILAS 2017: Connections
30th Birthday of ILAS, USA, July 24–28, 2017 ........................................................................... 27
Preconditioning 2017 – International Conference on Preconditioning Techniques for Scientific and Industrial Applications, Canada, July 31–August 2, 2017 ........................................................................ 29
Algebraic and Extremal Graph Theory Conference, USA, August 7–10, 2017 ................................................. 29
Matrix Analysis and its Applications – A Special Session for PRIMA 2017, Mexico, August 14–18, 2017 ............ 29
MAT-TRIAD’2017 - International Conference on Matrix Analysis and its Applications, Poland, September 25–29, 2017 .................................................................................. 30
International Conference on Linear Algebra and its Applications, India, December 11–15, 2017 ...................... 30
SIAM Conference on Applied Linear Algebra (SIAM-ALA18), China, May 4–8, 2018 ........................................ 30

ILAS News
Honors for ILAS Members ................................................................................................................. 31
ILAS Election Results ......................................................................................................................... 31
ILAS President/Vice President Annual Report: March 31, 2017 .................................................... 31
ILAS 2016–2017 Treasurer’s Report .............................................................................................. 34

IMAGE Problem Corner: Old Problems with Solutions
Problem 56-2: Determinant of a Sum of Squares .................................................................................. 37
Problem 56-5: Probability That a Large $\mathbb{F}_q$-Matrix is Singular .................................................. 38
Problem 56-6: An Asymptotic Moment Property for Unitary Matrices ............................................. 39
Problem 57-1: Perfect Condition Number ............................................................................................ 40
Problem 57-3: A PSD Matrix Decomposition ...................................................................................... 41
Problem 57-5: Eisenstein Circulant Matrices ...................................................................................... 41
Problem 57-6: A Commuting Matrix Problem .................................................................................... 42

IMAGE Problem Corner: New Problems
Problem 58-1: Singular Value Decomposition of Involuntary and Skew-Involuntary Matrices ..................... 44
Problem 58-2: A Matrix Exponential Problem ...................................................................................... 44
Problem 58-3: Upper and Lower Bounds of Ranks of Matrices ......................................................... 44
Problem 58-4: Characteristic Polynomials of 3 by 3 Real Correlation Matrices ................................... 44

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 LATEX. Photographs for this issue were obtained from websites referenced in articles, university department websites, or from reporters directly.

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. The cost to receive print copies of each issue of IMAGE, including ILAS membership, is $60/year.

Editor-in-Chief: Kevin N. Vander Meulen, Department of Mathematics, Redeemer University College, Ancaster, ON, Canada, L9K 1J4 (kvanderm@redeemer.ca).

Managing Editor: Louis Deaett, Department of Mathematics, Quinnipiac University, Hamden, Connecticut 06518, USA (Louis.Deaett@quinnipiac.edu).

Contributing Editors: Minerva Catral (catralm@xavier.edu), Michael Cavers (mcavers@ucalgary.ca), Douglas Farenick (Douglas.Farenick@uregina.ca), Carlos Fonseca (carlos@sci.kuniv.edu.kw), Bojan Kuzma (bojan.kuzma@upr.si), 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.