

## Utah State University Mini-Conference: Combinatorial Matrix Theory

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### Logan, Utah: May 24–25, 1996—Report by LeRoy B. Beasley

An annual event at the Department of Mathematics and Statistics at Utah State University (USU) is the USU Mini-Conference sponsored by the College of Science and the Vice President for Research at USU. This year the topic was "Combinatorial Matrix Theory" and was organized by LeRoy B. Beasley. This was the third Mini-Conference at USU with a topic in the area of linear algebra, the previous ones being in 1983 and 1987. This year there were 25 participants from the U.S. and Canada. There were five one-hour lectures and five half-hour lectures. The one-hour lectures were presented by David Gregory, Steve Kirkland, John Maybee, Sylvia Monson, and Bryan Shader. The half-hour lectures were presented by Tracy Hall (student at Brigham-Young University), Daniel Nakano, Mohammad Othman Omran (student at Brigham-Young University), Don Robinson and Cindy Wyels. An informal problem session followed the formal lectures. Following the conference, eight of the participants remained at USU for 3 to 5 days for an informal research workshop.

## 5th International Workshop on Matrix Methods for Statistics

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### Shrewsbury, England: July 18–19, 1996—Report by George P. H. Styan

The 5th International Workshop on Matrix Methods for Statistics was held at The Gateway Education and Arts Centre in Shrewsbury, Shropshire, England, on Thursday–Friday, July 18–19, 1996. The Organising Committee comprised Richard William Farebrother (Victoria University of Manchester, UK; Chair), Simo Puntanen (University of Tampere, Finland), George P. H. Styan (McGill University, Montreal, Canada), and Hans Joachim Werner (University of Bonn, Germany). Sheila Farebrother (Royal Shrewsbury Hospital) served as Administrative Assistant and Hans Jessen (Victoria University of Manchester) as Editorial Assistant. The participants were: Philip V. Bertrand (University of Birmingham, UK), John S. Chipman (University of Minnesota, Minneapolis, USA), Tom Downs (University of Texas, Houston, USA), Luis Firingueti (University of Santiago, Chile), John C. Gower (Open University, Milton Keynes, UK), Patrick J. F. Groenen



(University of Leiden, Netherlands), Michael Harrison (Trinity College Dublin, Ireland), Jan Hauke (Adam Mickiewicz University, Poznań, Poland), Berthold Heiligers (Universität Magdeburg, Germany), Erin M. Hodgess (University of Houston-Downtown, USA), Eric Iksoon Im (University of Hawaii, USA), George G. Joseph (Victoria University of Manchester, UK), Augustyn Markiewicz (Agricultural University of Poznań, Poland), Heinz Neudecker (University of Amsterdam, Netherlands), Anthony O'Hagan (University of Nottingham, UK), D. Stephen G. Pollock (Queen Mary and Westfield College London, UK), Peter Šemrl (University of Maribor, Slovenia), George P. H. Styan (McGill University, Montreal, Canada), H. Taeger (Universität Dortmund, Germany), Götz Trenkler (Universität Dortmund, Germany), Sven-Oliver Troschke (Universität Dortmund, Germany), Bart J. van Os (University of Leiden, Netherlands), Song-Gui Wang (Beijing Polytechnic University, China), and Hans Joachim Werner (University of Bonn, Germany). The Welcome Reception was held in the Clive House Museum with the Mayor of Shrewsbury welcoming the participants; a delicious Workshop Dinner was served at the Rowton Castle Hotel on the Thursday followed by a most interesting evening visit to the Wroxeter 'Roman' Vineyard on the Friday—we can definitely recommend the Madeleine Superior! Many thanks go to Sheila Farebrother, without whose enormous help this Workshop would not have been possible. Photograph by Eric Iksoon Im.

## Selected Forthcoming Linear Algebra Events

### AMS Regional Meeting: Four Sessions on Matrix Theory

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Chattanooga, Tennessee: October 11–12, 1996

The AMS Regional Meeting at Chattanooga, Tennessee, October 11–12, 1996, will feature four Sessions on Matrix Theory organized by Jason Li, Ron Smith, and Frank Uhlig. The Invited Speakers are: Session I, Matrix Completions (Friday am): C. R. Johnson, M. Bakonyi, W. Barrett, L. Rodman; Session II, Numerical Linear Algebra (Friday pm): R. Mathias, N. Nachtigal, G. Poole, M. Berry, I. Ipsen, B. Plemmons; Session III, General Linear Algebra and Matrix Theory (Saturday am): T.-Y. Tam, C.-K. Li, T. Markham, T. Pate, F. Zhang; Session IV, Graph Theoretical/Sign Patterned Matrix Theory (Saturday pm): R. Brualdi, F. Hall, P. Gibson, P. Nylén, D. Stanford, C. Eschenbach, J. Weaver There will be other special sessions (see *AMS Notices*), contributed paper sessions, and a special session on Reform in Undergraduate Mathematics Education. Details are available via the AMS web page: <http://www.ams.org> and from the organizers of the special Sessions on Matrix Theory: Jason Li, [matzli@gsusgi2.gsu.edu](mailto:matzli@gsusgi2.gsu.edu); Ron Smith & Shu-An Hu, [rsmith@utc.utcvcm.edu](mailto:rsmith@utc.utcvcm.edu) & Frank Uhlig, [uhligfd@mail.auburn.edu](mailto:uhligfd@mail.auburn.edu).

### Mark Krein International Conference on Operator Theory & Applications

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Odessa, Ukraine: August 20–23, 1997

We announce our intention to conduct the commemorative conference on operator theory and applications timed to coincide with the 90th birthday anniversary of one of the distinguished Reformers of Analysis Professor Mark Krein. The conference will be held in Odessa, Ukraine, where the great mathematician's productive period took place. The dates are likely August 20–23, 1997. The aim of the conference is to bring together experts interested in Operator Theory, Function Theory and their applications to Mechanics, Physics, Systems and Control. The main themes of the conference will be recent advances in Operator Theory and Applications and classes of problems related to Mark Krein's creative legacy. At this time funding for the conference is being studied, and we hope that a modest amount of support for some participants will be available. If you are interested in participating or in receiving further announcements, please contact one of the local organisers: Vadim Adamyan, Damir Arov, Genady Popov, Lev Sakhnovich, Institute of Mathematics, University of Odessa, ul. Petra Velikogo 2, 270100 Odessa, Ukraine; [1.krein@imem.odessa.ua](mailto:1.krein@imem.odessa.ua), [2.krein@dtp.odessa.ua](mailto:2.krein@dtp.odessa.ua); FAX (380) 482-238200.