

SYMPOSIUM ON MATRIX COMPUTATIONS

Monday, 13 April

09:30	Opening session	A. S. Householder
10:00	A resume of the position of the practical eigenvalue problem	J. H. Wilkinson
11:30	The unsymmetric eigenvalue problem (Rutishauser).....	Peter Lauchli
12:15	LUNCH	
14:00		V. N. Faddeeva

Tuesday, 14 April

09:30	A comparison of the QR and Laguerre methods for finding eigenvalues	Beresford Parlett
11:00	Calculating the singular values and pseudo-inverse of a matrix	Gene H. Golub
12:15	LUNCH	
14:00	Least square approximation	Peter Lauchli
15:00		A. A. Abramov

Wednesday, 15 April

09:30	Some extremum problems in matrix space.....	R. L. Causey
11:00	Ljapenov, Hessenberg, and companion	Wallace Givens

FREE AFTERNOON

Thursday, 16 April

- 09:30 Noncommutative continued fractions Peter Wynn
- 11:00 Index of primitivity of nonnegative matrices..... M. Stuart Lynn
- 12:15 LUNCH
- 14:00 Is a graph characterised by the eigenvalues of its
adjacency matrix Alan Hoffman
- 15:00 Totally positive matrices..... Ky Fan
- 15:00 *Lees*
- 16:30 *Schneider*
- 19:30 *Kahan Wilkinson*

Friday, 17 April

- 09:30 Families of matrices with uniformly bounded powers..... Heinz-Otto Kreiss
- 11:00 Gerschgorin-type bounds for eigenvalues of matrices..... R. S. Varga
- 12:15 LUNCH
- 14:00 Location of proper values of matrices Miroslav Fiedler
- 16:30 *Householder Fiedler Tornheim*

Saturday, 18 April

- 09:00 The Cayley transform of a matrix..... Olga Taussky
- 10:00 Variation-resistant matrices..... A. M. Ostrowski

ADJOURNMENT