20 May 1994

MATRICES IN MAY   **An Afternoon Full of Matrices**

The Department of Mathematical Sciences of the University of Tampere will organise a mini-workshop "Matrix Friday in May" on Friday, 20 May 1994. The idea of this mini-workshop is to gather together a very small group of scientists working on some joint problems in matrix methods (most of them on their way to Tartu Multivariate Conference and the IWMS-1994).

PRELIMINARY PROGRAMME:

12:00-12:25 Chipman, John S. (Minnesota)
        "Proofs" and proofs of the Eckart-Young theorem
12:25-12:50 Farebrother, R. William (Manchester)
        On history of elemental set methods
12:50-13:15 Im, Eric (Hawaii)
        Minimization of a scalar function of matrix
13:15-13:45 *Break*
13:45-14:10 Meyer, Renate (Aachen)
        Properties of estimators for linear statistical relationships
        via invariant matrix preorderings
14:10-14:35 Merikoski, Jorma Kaarlo (Tampere)
        Research problem: an inequality for the sum of elements of powers
        of nonnegative matrices
14:35-15:00 Neudecker, Heinz (Amsterdam)
        Proportionality of asymptotic variance matrices of the sample
        correlation matrix in elliptical and normal situations
15:00-15:30 *Break*
15:30-15:55 Nordström, Kenneth (Helsinki)
        Convexity results for the Moore-Penrose inverse
15:55-16:20 Styan, George P. H. (McGill, Montreal)
        On spanning trees and terminal weight numbers
16:20-16:45 Werner, Hans Joachim (Bonn)
        More on the Moore-Penrose inverse of bordered matrices
17:00-19:00 The Farewell Party in the Dept of Math Sci (4th Floor in Pinni)

The lectures will take place in the Lecture Room 2111 (2nd floor), in Pinni. If you are interested in attending please send the enclosed registration form to Simo Puntanen or to the Secretary of the Department, Riitta Järvinen, not later than Monday 9 May 1994.

Welcome to the Afternoon Full of Matrices!