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MSI05. Realization formulas, rational inner functions, and real algebraic geometry.
Organizers: Ryan Tully-Doyle, James Pascoe, Kelly Bickel.
MONDAY, 11:10-11:40: AULA 5. On the minimum
    number of Toeplitz factors of a matrix. peaker: Daniel Seco.
MONDAY, 11:40-12:10: AULA 5. The wonders of the Cesàro matrix. William T. Ross.
MONDAY, 12:10-12:40: AULA 5. Packages
    of curves associated with the numerical range. Pamela Gorkin.
MONDAY, 12:40-13:10: AULA 5. A moment theoretic approach to
    estimate the cardinality of certain algebraic varieties. Raúl E. Curto.
TUESDAY, 11:10-11:40: AULA 5. Contractive realizations of
    rational functions on polynomially defined domains and contractive
    determinantal representations of stable polynomials. Victor Vinnikov.
TUESDAY, 11:40-12:10: AULA 5. Hankel forms over a free monoid. Michael T. Jury.
TUESDAY, 12:10-12:40: AULA 5. Realizations of rational
    inner functions in the full Fock space. Robert T. W. Martin.
TUESDAY, 12:40-13:10: AULA 5. Spectrahedral Shadows
    and Completely Positive Maps on Real Closed Fields. Mario Kummer.
THURSDAY, 11:10-11:40: AULA 5. Ranks of linear
    matrix pencils separate simultaneous similarity orbits. Igor Klep.
THURSDAY, 11:40-12:10: AULA 5. Clark measures associated with RIFs. Linus Bergqvist.
THURSDAY, 12:10-12:40: AULA 5. Facial structure of matrix convex sets. Tea Strekelj.
THURSDAY, 12:40-13:10: AULA 5. Free Extreme points of
    free spectrahedrops and generalized free spectrahedra. Eric Evert.
FRIDAY, 11:10-11:40: AULA 5. Nonnegative polynomials, sums of squares and sums of
    nonnegative circuit polynomials - a story of three convex cones. Moritz Schick.
FRIDAY, 11:40-12:10: AULA 5.
    Projection Theorems in Free Semialgebraic Geometry. Tim Netzer.
FRIDAY, 12:10-12:40: AULA 5. Positivity
    of state polynomials with applications. Jurij Volcic.
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