

MSC07. The interplay between linear–multilinear algebra and rational approximation.

Organizers: Claude Brezinski, Michela Redivo-Zaglia, Ahmed Salam.

MONDAY, 17:00–17:30: AULA 6. Efficient computation of the Wright function. Lidia Aceto.

MONDAY, 17:30–18:00: AULA 6. Numerical approximation of the symbol of an operator with local spectral mean values evaluations. Jean-Paul Chehab.

MONDAY, 18:00–18:30: AULA 6. Efficient Inversion of Matrix ϕ -Functions of Low Order. Luca Gemignani.

MONDAY, 18:30–19:00: AULA 6. Structured-barycentric forms and the AAA framework for modeling second-order dynamics from data. Ion Victor Gosea.

TUESDAY, 17:00–17:30: AULA 6. Rational extrapolation methods, Anderson acceleration, and solution of systems of equations. Claude Brezinski.

TUESDAY, 17:30–18:00: AULA 6. On generalized inverse of a vector, with applications to vector epsilon algorithm. Ahmed Salam.

TUESDAY, 18:00–18:30: AULA 6. Computing the generalized rational minimax approximation. Nir Sharon.

TUESDAY, 18:30–19:00: AULA 6. Perfect shifts for Hessenberg-Hessenberg pencils. Marc Van Barel.

TUESDAY, 19:00–19:30: AULA 6. A Rational Preconditioner for Multi-dimensional Riesz Fractional Diffusion Equations. Mariarosa Mazza.

THURSDAY, 17:00–17:30: AULA 6. The Short-term Rational Lanczos Method and Applications. Stefano Pozza.

THURSDAY, 17:30–18:00: AULA 6. A tensor bidiagonalization method for higher-order singular value decomposition with applications. Anas El Hachimi.

THURSDAY, 18:00–18:30: AULA 6. Error bounds for the approximation of matrix functions with rational Krylov methods. Igor Simunec.

THURSDAY, 18:30–19:00: AULA 6. Applications of trace estimation techniques. Yousef Saad.

THURSDAY, 19:00–19:30: AULA 6. Extrapolation methods for choosing a regularization parameter. Giuseppe Rodriguez.

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