

ALAMA 2024

Linear Algebra, Matrix Analysis and Applications



12-14 June 2024
University of Oviedo
Gijón (Asturias)

Thursday, June 13th. Session 5.

	A2 ROOM	A3 ROOM
	Minisymposium IV: Orthogonal Polynomials and Matrix Analysis Chair: Luis Miguel Anguas	Minisymposium III: Sobre el problema inverso de recuperación de las conductancias Chairs: Andrés M. Encinas
15:30-15:50	<i>Properties of eigenvalues and eigenpolynomials of finite order ordinary differential operators</i> Luis Miguel Anguas	<i>A 3D-realistic numerical and physical model of female breast</i> Enric Monsó
15:50-16:10	<i>Matrix Sobolev inner products, generalized eigenvalues and zeros of polynomials</i> Carmen Escribano	<i>Bisymmetric nonnegative Jacobi matrix realizations</i> Andrés M. Encinas
16:10-16:30	<i>On Sobolev bilinear forms and polynomial solutions of second-order differential equations</i> Juan C. García Ardila	<i>Inverse and Moore-Penrose inverse of a structured totally positive matrix: accurate and efficient computation</i> Ana Marco
16:30-16:50	<i>Positive bidiagonal factorization of oscillatory tetradiagonal Hessenberg matrices</i> Manuel Mañas	<i>Tridiagonal M-matrices whose group inverses are tridiagonal</i> Kadali Kranthi Priya



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