

## Contributed

Session #	First Name	Last Name	Title
9	Mohammad	Adm	Recent Applications of the Cauchon Algorithm to the Totally Nonnegative Matrices
8	Kensuke	Aihara	Numerical study on combining the CGS-type methods and the residual smoothing technique
7	Changjiang	Bu	Some combinatorial analysis of tensors
2	Manami	Chatterjee	Inequalities regarding group invertible $H$ matrices
6	Chunli	Deng	The Minc-type bound and the eigenvalue inclusion sets of the general product of tensors
4	Hamide	Dogan	Ideals of Lower Triangular Toeplitz Matrices
1	Kenneth	Driessel	Schwartz's Model of Business Cycles
3	Jillian	Glassett	Spectrally Arbitrary Zero-Nonzero Patterns over Rings with Unity.
1	Xinqi	Gong	Singular value decomposition based deep learning architecture for functional motion prediction of super-large protein complexes
4	Gary	Greaves	Equiangular line systems in Euclidean space
6	Gennadij	Heidel	Second Order Riemannian Methods for Low-Rank Tensor Completion
7	Bokhee	Im	Approximate Latin squares and triply stochastic cubic tensors
11	Tianpei	Jiang	The operator monotonicity of $k$ -isotropic functions
5	Sivakumar	K.C.	Singular $M$ -matrices: Some Recent Results
2	Hana	Kim	Riordan matrices related to the Mertens function
14	Nikolai	Krivulin	Methods of tropical optimization in rank-one approximation of positive matrices
5	Hiroshi	Kurata	Some Theorems on the Core Inverse of Matrices and the Core Partial Ordering
5	Ivan	Kyrchei	Determinantal Representations of the Quaternion Weighted Moore-Penrose Inverse Using Its Weighted Singular Value Decomposition.
3	Minerva	Catral	Spectral study of $\{R, s+1\}$ -potent matrices
12	Haifeng	Li	Principal eigenvectors and spectral radii of uniform hypergraphs
4	Rachid	Marsli	Bounds for the Smallest and the Largest Eigenvalues of Hermitian Matrices
2	Little Hermie	Monterde	On the sum of strictly $k$ -zero matrices
13	Keiichi	Morikuni	Contour integral methods for rectangular eigenproblems

			Matrices whose hermitian part is positive semidefinite.
9	Projesh	Nath Choudhury	
14	Evelyn	Nitch-Griffin	Backwards Stability of the Schur Canonical Form Lipschitz stability of Jordan bases of general and $\mathcal{H}$ -selfadjoint matrices under small perturbations
8	Vadim	Olshevsky	
7	Marko	Orel	Connections between preserver problems, graph theory, and finite geometry
12	Travis	Peters	LIGHTS OUT! on Cartesian Products
9	Rachel	Quinlan	Counting matrices over finite fields On the minimal partial realizations of a sequence of vectors
14	Alicia	Roca	Merging of positive maps: a construction of various classes of positive maps on matrix algebras
11	Adam	Rutkowski	
			On the convergence rate of the DGMRES method by using the polynomial numerical hulls of matrices
10	Abbas	Salemi Parizi	
			BOUNDS FOR THE ZEROS OF POLYNOMIALS FROM NUMERICAL RADIUS INEQUALITIES
10	Khalid	Shebrawi	Sign and ray $k$ -potent sign and ray patterns that admit $k$ -potence
3	Jeffrey	Stuart	Polynomial system solving and numerical linear algebra
13	Simon	Telen	Fast Determination of the Tensorial and Simplicial Bernstein Enclosure
6	Jihad	Titi	Global convergence of Jacobi-type algorithms for symmetric tensor diagonalization
6	Konstantin	Usevich	A generalization of skew adjacency matrices and spectra
12	Enzo	Wendler	Some results on the generalized joint numerical ranges for rectangular matrices
10	Mohsen	Zahraei	