Yuval Bistritz

List of Publications by Year
in descending order

22 papers	120 citations	1478505 6 h-index	1372567 10 g-index
22 all docs	22 docs citations	22 times ranked	53 citing authors

#	Article	IF	Citations
1	Reflections on Schur-Cohn matrices and Jury-Marden tables and classification of related unit circle zero location criteria. Circuits, Systems, and Signal Processing, 1996, 15, 111-136.	2.0	26
2	Immittance-type tabular stability test for 2-D LSI systems based on a zero location test for 1-D complex polynomials. Circuits, Systems, and Signal Processing, 2000, 19, 245-265.	2.0	19
3	Skew Gaussian mixture models for speaker recognition. IET Signal Processing, 2014, 8, 860-867.	1.5	12
4	Title is missing!. Multidimensional Systems and Signal Processing, 2002, 13, 55-77.	2.6	11
5	An Efficient Integer-Preserving Stability Test for Discrete-Time Systems. Circuits, Systems, and Signal Processing, 2004, 23, 195-213.	2.0	11
6	Optimal Fraction-Free Routh Tests for Complex and Real Integer Polynomials. IEEE Transactions on Circuits and Systems I: Regular Papers, 2013, 60, 2453-2464.	5.4	7
7	Real-Polynomial Based Immittance-Type Tabular Stability Test for Two-Dimensional Discrete Systems. Circuits, Systems, and Signal Processing, 2003, 22, 255.	2.0	6
8	Gaussian Mixture Models Reduction by Variational Maximum Mutual Information. IEEE Transactions on Signal Processing, 2015, 63, 1557-1569.	5.3	6
9	Discriminative simplification of mixture models. , 2011, , .		4
10	A fraction-free unit-circle zero location test for a polynomial with any singularity profile. Linear and Multilinear Algebra, 2019, 67, 1420-1459.	1.0	4
11	Bounded-Input Bounded-Output Stability Tests for Two-Dimensional Continuous-Time Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2134-2147.	5.4	4
12	Levinson algorithm over integers for strongly regular Hermitian toeplitz matrices. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	2
13	Fraction-free inversion of a Toeplitz matrix. , 2010, , .		2
14	Fraction-Free Unit Circle Stability Tests. Circuits, Systems, and Signal Processing, 2014, 33, 3783-3807.	2.0	2
15	Losslessness and stability of LDI ladders and filters. Circuits, Systems, and Signal Processing, 1992, 11, 325-352.	2.0	1
16	Integer Levinson algorithms for Toeplitz and certain Toeplitz-like matrices. , 2010, , .		1
17	Speaker recognition with rival penalized EM training. , 2011, , .		1
18	Testing Stability of Bivariate Continuous-Time System Polynomials. , 2020, , .		1

#	Article	IF	Citations
19	Phone-based speaker verification with various adaptation configurations. , 2008, , .		0
20	Speaker verification with mostly voiced speech for GMM/UBM and GMM/IBM systems. , 2017, , .		0
21	Discriminative Joint Vector And Component Reduction For Gaussian Mixture Models. , 2019, , .		0
22	Fraction-free computation of the unit-circle resultant with any singularity profile. Linear and Multilinear Algebra, 2021, 69, 377-393.	1.0	0