

# Yuval Bistriz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7238490/publications.pdf>

Version: 2024-02-01

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  | Fraction-free computation of the unit-circle resultant with any singularity profile. Linear and Multilinear Algebra, 2021, 69, 377-393.  | 1.0 | 0         |
| 2  | 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         |
| 3  | Testing Stability of Bivariate Continuous-Time System Polynomials. , 2020, , .   |     | 1         |
| 4  | 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         |
| 5  | Discriminative Joint Vector And Component Reduction For Gaussian Mixture Models. , 2019, , .   |     | 0         |
| 6  | Speaker verification with mostly voiced speech for GMM/UBM and GMM/IBM systems. , 2017, , .  |     | 0         |
| 7  | Gaussian Mixture Models Reduction by Variational Maximum Mutual Information. IEEE Transactions on Signal Processing, 2015, 63, 1557-1569.  | 5.3 | 6         |
| 8  | Skew Gaussian mixture models for speaker recognition. IET Signal Processing, 2014, 8, 860-867.   | 1.5 | 12        |
| 9  | Fraction-Free Unit Circle Stability Tests. Circuits, Systems, and Signal Processing, 2014, 33, 3783-3807.  | 2.0 | 2         |
| 10 | 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         |
| 11 | Speaker recognition with rival penalized EM training. , 2011, , .  |     | 1         |
| 12 | Discriminative simplification of mixture models. , 2011, , .   |     | 4         |
| 13 | Fraction-free inversion of a Toeplitz matrix. , 2010, , .  |     | 2         |
| 14 | Integer Levinson algorithms for Toeplitz and certain Toeplitz-like matrices. , 2010, , .   |     | 1         |
| 15 | Phone-based speaker verification with various adaptation configurations. , 2008, , .   |     | 0         |
| 16 | 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         |
| 17 | An Efficient Integer-Preserving Stability Test for Discrete-Time Systems. Circuits, Systems, and Signal Processing, 2004, 23, 195-213.   | 2.0 | 11        |
| 18 | Real-Polynomial Based Immittance-Type Tabular Stability Test for Two-Dimensional Discrete Systems. Circuits, Systems, and Signal Processing, 2003, 22, 255.                                | 2.0 | 6         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Title is missing!. Multidimensional Systems and Signal Processing, 2002, 13, 55-77.  | 2.6 | 11        |
| 20 | 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        |
| 21 | 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        |
| 22 | Losslessness and stability of LDI ladders and filters. Circuits, Systems, and Signal Processing, 1992, 11, 325-352.  | 2.0 | 1         |