## Akimichi Takemura

## List of Publications by Year

 in descending orderSource: https:/|exaly.com/author-pdf/4893065/publications.pdf
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An asymptotically optimal policy for finite support models in the multiarmed bandit problem. Machine
Learning, 2011, 85, 361-391.
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Minimal Basis for a Connected Markov Chain over $3 \times 3 \times$ K Contingency Tables with Fixed
Two-Dimensional Marginals. Australian and New Zealand Journal of Statistics, 2003, 45, 229-249. 2
WHY DO NONINVERTIBLE ESTIMATED MOVING AVERAGES OCCUR?*. Journal of Time Series Analysis, 1986, 7, ..... 1.2
3 235-254. ..... 554 Validity of the expected Euler characteristic heuristic. Annals of Probability, 2005, 33, 1362.1.855
2.6 ..... 556 On connectivity of fibers with positive marginals in multiple logistic regression. Journal of1.0Multivariate Analysis, 2010, 101, 909-925.
Tail probabilities of the maxima of multilinear forms and their applications. Annals of Statistics, 2001,
5 29,.52
Holonomic gradient descent and its application to the Fisherâ€"Bingham integral. Advances in Applied ..... 0.7 ..... 52
$7 \quad$ Mathematics, 2011, 47, 639-658.3.151
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Weights of \$overline\{chi\} \{\}sp 2\$ distribution for smooth or piecewise smooth cone alternatives.
9 Annals of Statistics, 1997, 25, .
9 Annals of Statistics, 1997, 25, . ..... 2.6 ..... 2.6 ..... 51 ..... 51
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11 Some characterizations of minimal Markov basis for sampling from discrete conditional
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0.9 ..... 4112 Markov Bases in Algebraic Statistics. Springer Series in Statistics, 2012, , .
The holonomic gradient method for the distribution function of the largest root of a Wishart ..... 1.0 ..... 41
matrix. Journal of Multivariate Analysis, 2013, 117, 296-312.Exact MIMO Zero-Forcing Detection Analysis for Transmit-Correlated Rician Fading. IEEE Transactions9.241
on Wireless Communications, 2014, 13, 1514-1527.
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On the equivalence of the tube and Euler characteristic methods for the distribution of the maximum
Empirical characteristic function approach to goodness-of-fit tests for the Cauchy distribution with

    183-199.Goodness-of-fit tests for symmetric stable distributionsâ€"Empirical characteristic function approach.1.1Test, 2008, 17, 546-566.
    | 19 | Markov chain Monte Carlo exact tests for incomplete two-way contingency tables. Journal of Statistical Computation and Simulation, 2005, 75, 787-812. | 1.2 | 34 |
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| 20 | MIMO Zero-Forcing Performance Evaluation Using the Holonomic Gradient Method. IEEE Transactions on Wireless Communications, 2015, 14, 2322-2335. | 9.2 | 29 |
| 21 | Some Improvements in Numerical Evaluation of Symmetric Stable Density and Its Derivatives. Communications in Statistics - Theory and Methods, 2006, 35, 149-172. | 1.0 | 25 |
| 22 | Periodicity of hyperplane arrangements with integral coefficients modulo positive integers. Journal of Algebraic Combinatorics, 2008, 27, 317-330. | 0.8 | 23 |
| 23 | Indispensable monomials of toric ideals and Markov bases. Journal of Symbolic Computation, 2008, 43, 490-507. | 0.8 | 21 |
| 24 | Properties and applications of Fisher distribution on the rotation group. Journal of Multivariate Analysis, 2013, 116, 440-455. | 1.0 | 21 |
| 25 | Statistical Modeling of Soil Moisture, Integrating Satellite Remote-Sensing (SAR) and Ground-Based Data. Remote Sensing, 2015, 7, 2752-2780. | 4.0 | 21 |
| 26 | On a simple strategy weakly forcing the strong law of large numbers in the bounded forecasting game. Annals of the Institute of Statistical Mathematics, 2008, 60, 801-812. | 0.8 | 19 |
| 27 | Schur Complement Based Analysis of MIMO Zero-Forcing for Rician Fading. IEEE Transactions on Wireless Communications, 2015, 14, 1757-1771. | 9.2 | 19 |
| 28 | Distribution of eigenvalues and eigenvectors of Wishart matrix when the population eigenvalues are infinitely dispersed and its application to minimax estimation of covariance matrix. Journal of Multivariate Analysis, 2005, 94, 271-299. | 1.0 | 18 |
| 29 | Distance-reducing Markov bases for sampling from a discrete sample space. Bernoulli, 2005, 11, 793. | 1.3 | 17 |
| 30 | The largest group of invariance for Markov bases and toric ideals. Journal of Symbolic Computation, 2008, 43, 342-358. | 0.8 | 17 |
| 31 | Markov chain Monte Carlo tests for designed experiments. Journal of Statistical Planning and Inference, 2010, 140, 817-830. | 0.6 | 17 |

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& \text { Convergence of random series and the rate of convergence of the strong law of large numbers in } \\
& \text { game-theoretic probability. Stochastic Processes and Their Applications, 2012, 122,1-30. }
\end{aligned}
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Exact ZF Analysis and Computer-Algebra-Aided Evaluation in Rank-1 LoS Rician Fading. IEEE Transactions on Wireless Communications, 2016, 15, 5245-5259.
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A proof of independent Bartlett correctability of nested likelihood ratio tests. Annals of the Institute
of Statistical Mathematics, 1996, 48, 603-620. \(\quad 0.8\) 2
101 Conditions for swappability of records in a microdata set when some marginals are fixed.
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Journal of Multivariate Analysis, 2008, 99, 751-775.New Procedures for Testing Whether Stock Price Processes are Martingales. ComputationalEconomics, 2011, 37, 67-88.
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110 concentration of Bayesian prior in game-theoretic probability. Stochastic Processes and Their Applications, 2018, 128, 1466-1484.

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