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### Publications (selected)

1. Z. Wang, Monte Carlo and quasi Monte Carlo in parallel computing, *Proceedings of the 2008 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA'08)*, 346-351, CSREA Press, 2008.
2. D. Weirich, and Z. Wang, The study of online cataloging information systems, *Proceedings of the 2008 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA'08)*, 465-470, CSREA Press, 2008.
3. Z. Wang, et al., Principle and application of Fuzzy assessment decision, *Proceedings of the 11th World Multi-Conference on Systemics, Cybernetics and Informatics (WMSCI 2007)*, Vol. III, 12-16, IIS, 2007.
4. Z. Wang, et al., Quasi Monte Carlo schemes in the parallel computation of invariant measures for multidimensional dynamical systems, *Proceedings of the 2007 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA'07)*, Vol. I, 431-436, CSREA Press, 2007.
5. H. Yang, Z. Wang, and K. Li, A study of processor distribution in parallel computing of matrix-vector products, *Proceedings of the 2007 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA'07)*, Vol. II, 910-915, CSREA Press, 2007.
6. Z. Wang, et al., Web graphics for the computation of invariant measures, *Applied Mathematics and Computation*, 187(2), 1442-1452, 2007.
7. Z. Wang, et al., The study of quasi Monte Carlo in the parallel computation of invariant measures, *Proceedings of the 2006 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA'06)*, Vol. I, 427-430, CSREA Press, 2006.
8. H. Yang, Z. Wang, and J. Ding, Web computing on the invariant measures, *Proceedings of the 2005 International Conference on Internet Computing (ICOMP'05)*, 361-365, CSREA Press, 2005.
9. Z. Wang, et al., Parallel Monte Carlo simulation for the L1-error analysis in the invariant measure computation, *Proceedings of the 2005 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA'05)*, 974-978, CSREA Press, 2005.
10. Z. Wang and J. Ding, Efficiency analysis of the parallel computation for invariant measures and application, *Proceedings of the International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA'04)*, 49-53, CSREA Press, 2004.
11. Z. Wang and J. Ding, Parallel computation of invariant measure for 2-D dynamical systems, *Proceedings of the International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA'03)*, 333-337, CSREA Press, 2003.
12. J. Ding and Z. Wang, Approximation order analysis for the piecewise linear Markov method, *Stochastic Analysis and Applications*, 19(6), 911-923, 2001.
13. J. Ding and Z. Wang, Parallel computation of invariant measures, *Annals in Operations Research*, Vol.103, 283-290, 2001.

14. J. Ding, M. Paprzycki, B. Seyfarth, and Z. Wang, Parallel quasi-Monte Carlo computation of invariant measures, *Proceedings of 10<sup>th</sup> SIAM Conference on Parallel Processing for Scientific Computing*, 2001.
15. J. Ding and Z. Wang, A modified Monte Carlo approach to the approximation of invariant measures, *Integral Methods in Science and Engineering*, 125-130, Chapman & Hall/CPC, 2000.