

Selected Publications – Ole Nielsen

- *Computer Architecture and Organization*. Chapter in Encyclopedia of Biostatistics, second edition. Ole M. Nielsen, Wiley InterScience, 2005
- *Quantifying Vulnerability: A methodology for those at risk to natural hazards*. A. Dwyer, C. Zoppou, O. Nielsen, S. Day, S. Roberts. International Journal of Mass Emergencies and Disasters (In review)
- *An Iterative Approach to Determining the Length of the Longest Common Subsequence of Two Strings*. Hilary S Booth, Ole M Nielsen, Susan R Wilson. Methodology And Computing In Applied Probability 6 (4): 401-421, Kluwer Press December 2004
- *Multidimensional Smoothing Using Hyperbolic Interpolatory Wavelets*. Markus Hegland, Ole M. Nielsen and Zuowei Shen, Electronic Transactions on Numerical Analysis 17:168-180, 2004.
- *Parallelisation of Sparse Grids for Large Scale Data Analysis*. Jochen Garcke, Markus Hegland and Ole Nielsen. In P.M.A. Sloot, D. Abrahamson, A. Bogdanov, J. Dongarra, and J Gorbachev, editors, Computational Science - ICCS 2003, volume 2659 of Springer Lecture Notes in Computer Science, pages 683-692, 2003.
- *Parallel Computing Techniques for High Performance Probabilistic Record Linkage*. Peter Christen, Markus Hegland, Stephen Roberts, Ole M Nielsen, T. Churches, and K Lim. Proceedings of the symposium on Health Data Linkage, 2002.
- *Data Mining with Python*. Ole M. Nielsen, Peter Christen, Markus Hegland and Tatiana Semenova, Proceedings of the 9th International Python Conference, Long Beach, California, March 2001. Foretec Seminars, Inc
- *Scalable Parallel Algorithms for Surface Fitting and Data Mining*. Peter Christen, Markus Hegland, Ole M. Nielsen, Stephen Roberts, Peter E. Strazdins and Irfan Altas, Elsevier Journal of Parallel Computing, special issue on *Aspects of Parallel Computing for Linear Systems and Associated Problems*, September 2000.
- *Data Mining of Administrative Claims Data of Pathology Services*. Simon Hawkins, Graham Williams, Rohan Baxter, Peter Christen, Michael Fett, Markus Hegland, Fuchun Huang, Ole Nielsen, Tatiana Semenova and Andrew Smith, Thirty-Fourth Hawaii International Conference on System Sciences (HICSS-34), January 2001.
- *Parallel Performance of Fast Wavelet Transforms*. Ole Møller Nielsen and Markus Hegland, International Journal of High Speed Computing, Vol. 11, No. 1 (2000) 55-74. World Scientific Publishing Company
- *High Dimensional Wavelet Smoothing, CTAC99 proceedings*. Ole Nielsen, Journal of the Australian Mathematical Society Series B - Applied Mathematics, June 2000
- *Wavelet Analysis for Power System Transients*. Anthony Wayne Galli and Ole Møller Nielsen, IEEE Computer Applications in Power, Volume 12, Number 1, January 1999.