

Author Index

- Bao, S., Pietrafesa, L. J., Huang, N. E., Wu, Z., Dickey, D. A., Gayes, P. T. and Yan, T., *An Empirical Study of Tropical Cyclone Activity in the Atlantic and Pacific Oceans: 1851–2005* **3** (2011) 291
- Bao, Y., *see* Xiong, T. **4** (2011) 447
- Barnhart, B. L., Nandage, H. K. W. and Eichinger, W., *Assessing Discontinuous Data Using Ensemble Empirical Mode Decomposition* **4** (2011) 483
- Bennun, L., *Considerations About the Neural Network Approach for Atomic and Nuclear Spectral Analysis* **3** (2011) 351
- Borgnat, P., *see* Moghtaderi, A. **1&2** (2011) 41
- Brawanski, A., *see* Faltermeier, R. **4** (2011) 509
- Breitenreicher, D., Lellmann, J. and Schnörr, C., *Sparse Template-Based Variational Image Segmentation* **1&2** (2011) 149
- Chan, R. H., Liang, H.-X. and Ma, J., *Positively Constrained Total Variation Penalized Image Restoration* **1&2** (2011) 187
- Chen, C.-S., *see* Wang, C.-Y. **4** (2011) 417
- Chen, X., *see* Huang, N. E. **1&2** (2011) 63
- Chen, X., *see* Wu, Z. **1&2** (2011) 95
- Chung, E. T., Efendiev, Y. and Gibson, Jr., R. L., *An Energy-Conserving Discontinuous Multiscale Finite Element Method for the Wave Equation in Heterogeneous Media* **1&2** (2011) 251
- Daubechies, I., *see* Wu, H.-T. **1&2** (2011) 29
- Dickey, D. A., *see* Bao, S. **3** (2011) 291
- Dubrovina, A. and Kimmel, R., *Approximately Isometric Shape Correspondence by Matching Pointwise Spectral Features and Global Geodesic Structures* **1&2** (2011) 203
- Efendiev, Y., *see* Chung, E. T. **1&2** (2011) 251
- Eichinger, W., *see* Barnhart, B. L. **4** (2011) 483
- Faheem, M. T., *see* Rashwan, S. **3** (2011) 401
- Faltermeier, R., Zeiler, A., Tomé, A. M., Brawanski, A. and Lang, E. W., *Weighted Sliding Empirical Mode Decomposition* **4** (2011) 509
- Flandrin, P., *see* Moghtaderi, A. **1&2** (2011) 41
- Flandrin, P., *see* Wu, H.-T. **1&2** (2011) 29
- Gayes, P. T., *see* Bao, S. **3** (2011) 291
- Gibson, Jr., R. L., *see* Chung, E. T. **1&2** (2011) 251
- Hou, T. Y. and Shi, Z., *Adaptive Data Analysis via Sparse Time-Frequency Representation* **1&2** (2011) 1
- Hu, Z., *see* Xiong, T. **4** (2011) 447
- Huang, C.-K., *see* Wang, C.-Y. **4** (2011) 417
- Huang, D. and Xu, Y., *A New Application of Ensemble EMD Ameliorating the Error from Insufficient Sampling Rate* **4** (2011) 493

- Huang, N. E., Chen, X., Lo, M.-T. and Wu, Z., *On Hilbert Spectral Representation: A True Time-Frequency Representation for Nonlinear and Nonstationary Data* **1&2** (2011) 63
- Huang, N. E., *see* Bao, S. **3** (2011) 291
- Huang, N. E., *see* Wu, Z. **1&2** (2011) 95
- Jaidane, M., *see* Mhamdi, F. **3** (2011) 363
- Jiang, Y., Mao, D. and Xu, Y., *A Fast Algorithm for Computing Sample Entropy* **1&2** (2011) 167
- Jing, L., Ng, M. K. and Zeng, T., *On Gene Selection and Classification for Cancer Microarray Data Using Multi-Step Clustering and Sparse Representation* **1&2** (2011) 127
- Kim, D., *see* Park, M. **4** (2011) 527
- Kimmel, R., *see* Dubrovina, A. **1&2** (2011) 203
- Lang, E. W., *see* Faltermeier, R. **4** (2011) 509
- Lei, S.-L. and Wang, X., *Dripping and Jetting in Coflowing Liquid Streams* **1&2** (2011) 269
- Lellmann, J., *see* Breitenreicher, D. **1&2** (2011) 149
- Li, H., *see* Zhang, L. **3** (2011) 325
- Liang, H.-X., *see* Chan, R. H. **1&2** (2011) 187
- Lipovetsky, S., *Conditional and Multinomial Logits as Binary Logit Regressions* **3** (2011) 309
- Lo, M.-T., *see* Huang, N. E. **1&2** (2011) 63
- Ma, J., *see* Chan, R. H. **1&2** (2011) 187
- Mao, D., *see* Jiang, Y. **1&2** (2011) 167
- Meade, Jr., A. J., *see* Varnava, T. M. **3** (2011) 385
- Mhamdi, F., Poggi, J.-M. and Jaidane, M., *Trend Extraction for Seasonal Time Series Using Ensemble Empirical Mode Decomposition* **3** (2011) 363
- Moghtaderi, A., Borgnat, P. and Flandrin, P., *Trend Filtering: Empirical Mode Decompositions Versus ℓ_1 and Hodrick–Prescott* **1&2** (2011) 41
- Nandage, H. K. W., *see* Barnhart, B. L. **4** (2011) 483
- Ng, M. K., *see* Jing, L. **1&2** (2011) 127
- Oh, H.-S., *see* Park, M. **4** (2011) 527
- Park, M., Kim, D. and Oh, H.-S., *A Reinterpretation of EMD by Cubic Spline Interpolation* **4** (2011) 527
- Pietrafesa, L. J., *see* Bao, S. **3** (2011) 291
- Poggi, J.-M., *see* Mhamdi, F. **3** (2011) 363
- Ramakrishnan, T. V., *see* Sebastian, S. **3** (2011) 339
- Rashwan, S., Sarhan, A., Faheem, M. T. and Youssef, B. A., *Automatic Protein Spots Quantification in Two-Dimensional Gel Images* **3** (2011) 401
- Sarhan, A., *see* Rashwan, S. **3** (2011) 401
- Schnörr, C., *see* Breitenreicher, D. **1&2** (2011) 149
- Sebastian, S. and Ramakrishnan, T. V., *Multi-Fuzzy Extensions of Functions* **3** (2011) 339
- Shi, Z., *see* Hou, T. Y. **1&2** (2011) 1
- Tomé, A. M., *see* Faltermeier, R. **4** (2011) 509
- Tropp, J. A., *Improved Analysis of the Subsampled Randomized Hadamard Transform* **1&2** (2011) 115

- Varnava, T. M. and Meade, Jr., A. J., *An Initialization Method for Feedforward Artificial Neural Networks Using Polynomial Bases* **3** (2011) 385
- Vassilevski, P. S., *Coarse Spaces by Algebraic Multigrid: Multigrid Convergence and Upscaling Error Estimates* **1&2** (2011) 229
- Wang, C.-Y., Huang, C.-K. and Chen, C.-S., *Damage Assessment of Beam by a Quasi-Static Moving Vehicular Load* **4** (2011) 417
- Wang, X., *see* Lei, S.-L. **1&2** (2011) 269
- Wu, H.-T., Flandrin, P. and Daubechies, I., *One or Two Frequencies? The Synchrosqueezing Answers* **1&2** (2011) 29
- Wu, Z., Huang, N. E. and Chen, X., *Some Considerations on Physical Analysis of Data* **1&2** (2011) 95
- Wu, Z., *see* Bao, S. **3** (2011) 291
- Wu, Z., *see* Huang, N. E. **1&2** (2011) 63
- Xiong, T., Bao, Y., Hu, Z., Zhang, R. and Zhang, J., *Hybrid Decomposition and Ensemble Framework for Stock Price Forecasting: A Comparative Study* **4** (2011) 447
- Xu, Y., *see* Huang, D. **4** (2011) 493
- Xu, Y., *see* Jiang, Y. **1&2** (2011) 167
- Yan, T., *see* Bao, S. **3** (2011) 291
- Youssef, B. A., *see* Rashwan, S. **3** (2011) 401
- Zeiler, A., *see* Faltermeier, R. **4** (2011) 509
- Zeng, T., *see* Jing, L. **1&2** (2011) 127
- Zhang, J., *see* Xiong, T. **4** (2011) 447
- Zhang, L. and Li, H., *A Novel Signal Decomposition Approach — Adaptive Fourier Decomposition* **3** (2011) 325
- Zhang, R., *see* Xiong, T. **4** (2011) 447