

Author Index

- Adhami, R. R., *see* Bhuiyan, S. M. A. 2 (2010) 171
Attoh-Okine, N., *see* Ayenu-Prah, A. 1 (2010) 1
Ayenu-Prah, A. and Attoh-Okine, N., *A Criterion for Selecting Relevant Intrinsic Mode Functions in Empirical Mode Decomposition* 1 (2010) 1
Bao, S., *see* Yan, T. 4 (2010) 463
Bhuiyan, S. M. A., Khan, J. F. and Adhami, R. R., *A Novel Approach of Edge Detection via a Fast and Adaptive Bidimensional Empirical Mode Decomposition Method* 2 (2010) 171
Boudraa, A.-O., *see* Khaldi, K. 1 (2010) 65
Capobianco, E., *see* Marullo, O. 3 (2010) 359
Chang, C.-C., *see* Tsui, P.-H. 1 (2010) 25
Chang, J., *see* Chang, Y.-M. 4 (2010) 415
Chang, Y.-M., Wu, Z., Chang, J. and Huang, N. A., *Model Validation Based on Ensemble Empirical Mode Decomposition* 4 (2010) 415
Chen, X., Wu, Z. and Huang, N. E., *The Time-Dependent Intrinsic Correlation Based on the Empirical Mode Decomposition* 2 (2010) 233
Chen, X.-Y., *see* Wang, G. 3 (2010) 277
Chiu, F.-Y., *see* Liaw, S.-S. 4 (2010) 509
Chu, Y.-P., *see* Kong, T.-Y. 2 (2010) 217
Dickey, D. A., *see* Yan, T. 4 (2010) 463
Doherty, J. F., *see* Roy, A. 3 (2010) 295
Dong, J., Liu, D., Zhang, C., Ma, J., Wang, G., Guo, D., Liu, Y., Zhong, H., Zhang, J., Peng, C.-K. and Fang, J., *Automated Sleep Staging Technique Based on the Empirical Mode Decomposition Algorithm: A Preliminary Study* 2 (2010) 267
Fang, J., *see* Dong, J. 2 (2010) 267
Guo, D., *see* Dong, J. 2 (2010) 267
Hirose, K., *see* Molla, M. K. I. 3 (2010) 313
Hsu, C.-F., *see* Kong, T.-Y. 2 (2010) 217
Hsu, T.-H., *see* Li, Y.-F. 1 (2010) 115
Huang, N. A., *see* Chang, Y.-M. 4 (2010) 415
Huang, N. E., *see* Chen, X. 2 (2010) 233
Huang, N. E., *see* Kong, T.-Y. 2 (2010) 217
Huang, N. E., *see* Pao, S.-H. 4 (2010) 521
Huang, N. E., *see* Tsui, P.-H. 1 (2010) 25
Huang, N. E., *see* Wang, G. 3 (2010) 277
Huang, N. E., *see* Wu, Z. 4 (2010) 397
Huang, N. E., *see* Yan, T. 4 (2010) 463
Huang, N. E., *see* Yeh, J.-R. 2 (2010) 135
Jager, G., *see* Pabel, R. 3 (2010) 337

- Kaslovsky, D. N. and Meyer, F. G., *Noise Corruption of Empirical Mode Decomposition and Its Effect on Instantaneous Frequency* 3 (2010) 373
- Khaldi, K., Turki-Hadj Alouane, M. and Boudraa, A.-O., *Voiced Speech Enhancement Based on Adaptive Filtering of Selected Intrinsic Mode Functions* 1 (2010) 65
- Khan, J. F., *see* Bhuiyan, S. M. A. 2 (2010) 171
- Koch, R., *see* Pabel, R. 3 (2010) 337
- Kong, T.-Y., Chu, Y.-P., Hsu, C.-F. and Huang, N. E., *An Anatomy of Economic Growth in Taiwan* 2 (2010) 217
- Kunoth, A., *see* Pabel, R. 3 (2010) 337
- Lee, H. C., *see* Tseng, C.-Y. 4 (2010) 429
- Len, K. H., *see* Li, Y.-F. 1 (2010) 115
- Li, Y.-F., Hsu, T.-H. and Len, K. H., *The Bridges with Unseating Prevention Devices Analyzed Through Nonlinear Time History Analysis and Hilbert–Huang Transform* 1 (2010) 115
- Liaw, S.-S. and Chiu, F.-Y., *Constructing Crossover-Fractals Using Intrinsic Mode Functions* 4 (2010) 509
- Lipovetsky, S., *Meaningful Regression Coefficients Built by Data Gradients* 4 (2010) 451
- Liu, D., *see* Dong, J. 2 (2010) 267
- Liu, Y., *see* Dong, J. 2 (2010) 267
- Ma, J., *see* Dong, J. 2 (2010) 267
- Mallikarjuna, C. and Raghu Kanth, S. T. G., *Forecasting the Air Traffic for North-East Indian Cities* 1 (2010) 81
- Marullo, O., Soggiu, A. and Capobianco, E., *Two-Dimensional Electrophoresis Gel Images Scan for Decomposition and Depletion Analysis* 3 (2010) 359
- Meade, A. J., *see* Srivastava, A. 1 (2010) 97
- Meyer, F. G., *see* Kaslovsky, D. N. 3 (2010) 373
- Molla, M. K. I. and Hirose, K., *Hilbert Spectrum in Time-Frequency Representation of Audio Signals Considering Disjoint Orthogonality* 3 (2010) 313
- Pabel, R., Koch, R., Jager, G. and Kunoth, A., *Fast Empirical Mode Decompositions of Multivariate Data Based on Adaptive Spline-Wavelets and a Generalization of the Hilbert–Huang–Transformation (HHT) to Arbitrary Space Dimensions* 3 (2010) 337
- Pai, P. F., *Circular Instantaneous Frequency* 1 (2010) 39
- Pao, S.-H., Young, C.-N., Tseng, C.-L. and Huang, N. E., *Smoothing Empirical Mode Decomposition: A Patch to Improve the Decomposed Accuracy* 4 (2010) 521
- Peng, C.-K., *see* Dong, J. 2 (2010) 267
- Pietrafesa, L. J., *see* Yan, T. 4 (2010) 463
- Qiao, F.-L., *see* Wang, G. 3 (2010) 277
- Raghu Kanth, S. T. G., *see* Mallikarjuna, C. 1 (2010) 81
- Raghu Kanth, S. T. G., *Intrinsic Mode Functions of Earthquake Slip Distribution* 2 (2010) 193
- Riemenschneider, S. D., *see* Wu, Q. 2 (2010) 157
- Roy, A. and Doherty, J. F., *Covert Communications Based on Signal Overlay* 3 (2010) 295
- Shieh, J.-S., *see* Yeh, J.-R. 2 (2010) 135

- Soggiu, A., *see* Marullo, O. **3** (2010) 359
- Srivastava, A. and Meade, A. J., *A Sparse Greedy Self-Adaptive Algorithm for Classification of Data* **1** (2010) 97
- Tseng, C.-L., *see* Pao, S.-H. **4** (2010) 521
- Tseng, C.-Y. and Lee, H. C., *Entropic Interpretation of Empirical Mode Decomposition and Its Applications in Signal Processing* **4** (2010) 429
- Tsui, P.-H., Chang, C.-C. and Huang, N. E., *Noise-Modulated Empirical Mode Decomposition* **1** (2010) 25
- Turki-Hadj Alouane, M., *see* Khaldi, K. **1** (2010) 65
- Wang, G., Chen, X.-Y., Qiao, F.-L., Wu, Z. and Huang, N. E., *On Intrinsic Mode Function* **3** (2010) 277
- Wang, G., *see* Dong, J. **2** (2010) 267
- Wu, Q. and Riemenschneider, S. D., *Boundary Extension and Stop Criteria for Empirical Mode Decomposition* **2** (2010) 157
- Wu, Z. and Huang, N. E., *On the Filtering Properties of the Empirical Mode Decomposition* **4** (2010) 397
- Wu, Z., *see* Chang, Y.-M. **4** (2010) 415
- Wu, Z., *see* Chen, X. **2** (2010) 233
- Wu, Z., *see* Wang, G. **3** (2010) 277
- Wu, Z., *see* Yan, T. **4** (2010) 463
- Yan, T., Pietrafesa, L. J., Dickey, D. A., Bao, S., Huang, N. E. and Wu, Z., *North Atlantic Ocean Basin Tropical Cyclone Activity as Related to Climate Factors for the 2010 Hurricane Season* **4** (2010) 463
- Yeh, J.-R., Shieh, J.-S. and Huang, N. E., *Complementary Ensemble Empirical Mode Decomposition: A Novel Noise Enhanced Data Analysis Method* **2** (2010) 135
- Young, C.-N., *see* Pao, S.-H. **4** (2010) 521
- Zhang, C., *see* Dong, J. **2** (2010) 267
- Zhang, J., *see* Dong, J. **2** (2010) 267
- Zhong, H., *see* Dong, J. **2** (2010) 267