

>>April 2003

1) Journal papers

2003/4 (Software Engineering)

松村知子, 門田暁人, 松本健一, “ 潜在コーディング規則違反を原因とするフォールトの検出支援方法の提案 ”, 情報処理学会論文誌, Vol.44, No.4, pp.1070-1082 (平 15-4).

2003/4 (Speech and Acoustics)

南條 浩輝, 加藤 一臣, 李 晃伸, 河原 達也, "大規模な日本語話し言葉データベースを用いた講演音声認識", 電子情報通信学会論文誌, Vol.J86-D-II, No.4, pp.450--459, April 2003.

2003/4 (Speech and Acoustics)

T.Nishikawa, H.Saruwatari, K.Shikano, "Blind source separation of acoustic signals based on multistage ICA combining frequency-domain ICA and time-domain ICA," IEICE Trans. Fundamentals, Vol.E86-A, No.4, April, 2003.

2003/4 (Systems and Control)

中村文一、山下 裕、西谷紘一:同次ディファレンシャル・インクルージョンに対する Lyapunov 関数、計測自動制御学会論文集、Vol.39, No.4, 365-374, 2003.

2) International conferences/Workshops

2003/4-5 (Computer Design and Test)

Erik Larsson, and Hideo Fujiwara, "Test Resource Partitioning and Optimization for SOC Designs," Proc. 21st IEEE VLSI Test Symposium (VTS'03), pp. 319-324, April-May 2003.

2003/4-5 (Computer Design and Test)

Tomokazu Yoneda and Hideo Fujiwara, "Design for Consecutive Transparency of Cores in System-on-a-Chip," Proc. 21st IEEE VLSI Test Symposium (VTS'03), pp.287-292, April-May 2003.

2003/4 (Software Engineering)

Shinji Uchida, Akito Monden, Hajimu Iida, Ken-ichi Matsumoto and Hideo Kudoh, “ Analysis of program reading process in software debugging based on multiple-view analysis model, ” Proc. 6th Joint Workshop on System Development (JWSD2003), CD-ROM Edition, Nagoya, Japan, Apr. 2003.

2003/4 (Computational Linguistics)

Hiroyasu Yamada and Yuji Matsumoto, "Statistical dependency analysis with Support Vector Machines," In Proc. 8th International Workshop on Parsing Technologies (IWPT), pp.195-206, April 2003.

2003/4 (Computational Linguistics)

Ryu Iida, Kentaro Inui, Hiroya Takamura and Yuji Matsumoto, "Incorporating contextual clues in trainable models for coreference resolution," EACL2003 Workshop on The Computational Treatment of Anaphora, April 2003.

2003/4 (Computational Linguistics)

Kenji Imamura, Eiichiro Sumita (ATR) and Yuji Matsumoto, "Automatic construction of machine translation knowledge using translation literalness," In Proc. 10th Conference of the European Chapter of the Association for Computational Linguistics (EACL), April 2003.

2003/4 (Computational Linguistics)

Masayuki Asahara and Yuji Matsumoto, "Filler and disfluency identification based on morphological analysis and chunking," In Proc. ISCA & IEEE Workshop on Spontaneous Speech Processing and Recognition, April 2003.

2003/4 (Speech and Acoustics)

Y.Hinamoto, K.Mino, S.Saruwatari, K.Shikano, "Spoken dialogue system based on sound field control and microphone array", Proceedings of IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP2003), Vol. ,pp509-512, April 2003

2003/4 (Speech and Acoustics)

S.Araki, S.Makino, R. Aichner, T.Nishikawa, S.Saruwatari, "Blind Source Separation for Convolutional Mixtures of Speech", Proceedings of IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP2003), Vol. ,pp509-512, April 2003

2003/4 (Speech and Acoustics)

T.Toda, H.Kawai, M.Tsuzaki, K.Shikano, "SEGMENT SELECTION CONSIDERING LOCAL DEGRADATION OF NATURALNESS IN CONCATENATIVE SPEECH SYNTHESIS", Proceedings of IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP2003), Vol. ,pp.696-699, April 2003

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T.Takatani, T.Nishikawa, H.Saruwatari, "Blind Source Separation based on Binaural ICA", Proceedings of IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP2003), Vol. ,pp321-324, April 2003

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Y.Nakajima, H.Kashino, K.Shikano, N.Campbell, "RECOGNITION INPUT INTERFACE USING STETHOSCOPIC MICROPHONE ATTACHED TO THE SKIN", Proceedings of IEEE International

Conference on Acoustics, Speech, and Signal Processing (ICASSP2003), Vol. ,pp708-711, April 2003

2003/4 (Speech and Acoustics)

Tsuyoki Nishikawa, Hiroshi Saruwatari, Kiyohiro Shikano, "Stable Learning Algorithm for Blind Separation of Temporally Correlated Signals Combining Multistage ICA and Linear Prediction," Proceedings of Fourth International Symposium on Independent Component Analysis and Blind Signal Separation, pp.327-342, April 2003.

2003/4 (Speech and Acoustics)

Shoko Araki, Shoji Makino, Robert Aichner, Tsuyoki Nishikawa, Hiroshi Saruwatari, "Subband Based Blind Source Separation with Appropriate Processing for Each Frequency Band," Proceedings of Fourth International Symposium on Independent Component Analysis and Blind Signal Separation, pp.499-504, April 2003.

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Tsuyoki Nishikawa, Hiroshi Saruwatari, Kiyohiro Shikano, Shoko Araki, Shoji Makino, "Multistage ICA for Blind Source Separation of Real Acoustic Convolutional Mixture," Proceedings of Fourth International Symposium on Independent Component Analysis and Blind Signal Separation, pp.523-528, April 2003.

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Hiroshi Saruwatari, Tomoya Takatani, Hiroaki Yamajo, Tsuyoki Nishikawa, Kiyohiro Shikano, "Blind Separation and Deconvolution for Real Convolutional Mixture of Temporally Correlated Acoustic Signals Using SIMO-Model-Based ICA," Proceedings of Fourth International Symposium on Independent Component Analysis and Blind Signal Separation, pp.549-554, April 2003.

2003/4 (Speech and Acoustics)

Tomoya Takatani, Tsuyoki Nishikawa, Hiroshi Saruwatari, Kiyohiro Shikano, "SIMO-Model-Based Independent Component Analysis for High-Fidelity Blind Separation of Acoustic Signals," Proceedings of Fourth International Symposium on Independent Component Analysis and Blind Signal Separation, pp.993-998, April 2003.

2003/4 (Speech and Acoustics)

Hiroshi Saruwatari, Katsuyuki Sawai, Akinobu Lee, Kiyohiro Shikano, Atsunobu Kaminuma, Masao Sakata, "Speech Enhancement and Recognition in Car Environment using Blind Source Separation and Subband Elimination Processing," Proceedings of Fourth International Symposium on Independent Component Analysis and Blind Signal Separation, pp.367-372, April 2003.

2003/4 (Speech and Acoustics)

Rajkishore Prasad, Hiroshi Saruwatari, Akinobu Lee, Kiyohiro Shikano, "A Fixed-Point ICA Algorithm for Convolved Speech Signal Separation," Proceedings of Fourth International Symposium on Independent Component Analysis and Blind Signal Separation, pp.579-584, April 2003.

2003/4 (Information Technology Center)

Osamu Tobe, Hisakazu Hada, Yuusuke Kawakita, and Hideki Sunahara, "Design of the Server Selection Mechanism for the Internet-Based Correction System" Proceedings of GNSS2003, Graz Austria, Apr, 2003.