

>>May 2004

1) Journal papers

2004/5 (Computational Linguistics)

浅原正幸, 松本裕治, "日本語固有表現抽出におけるわかち書き問題の解決," 情報処理学会論文誌, Vol.45, No.5, pp.1442-1450, May 2004.

2004/5 (Robotics)

竹村 裕, 上田 淳, 松本 吉央, 小笠原 司, "神経振動子経由の左右揺動運動・姿勢反射を用いた四脚ロボットの三次元適応歩行", 日本ロボット学会誌, Vol.22, No.4, pp.528-534, 2004.5.

2004/5 (Computer Design and Test)

Erik Larsson, Klas Arvidsson, Hideo Fujiwara, Zebo Peng, "Efficient Test Solutions for Core-based Designs," IEEE Trans. on CAD, Vol. 23, No. 5, pp. 758-775, May 2004.

2004/5 (Communications)

駒井 知央、堀 俊和、長 敬三、山本 平一、岡田 実、"マイクロセル用 V 字形ダイバーシチアンテナ"電子情報通信学会論文誌 B , Vol.J87-B, No.5, pp.685-694, May 2004

2004/5 (Communications)

Takao Hara, Yoshikazu Tsuji, Heiichi Yamamoto, "Design Optimization of a TDMA Burst Modem for Small Earth Stations in a Channel Containing Two Nonlinear Devices", Electronics and Communications in Japan, Part 1, Vol.87, No.8, pp.47-62, 2004, John Wiley & Sons

2004/5 (Communications)

M. Saito, T. Hara, T. Gima, M. Okada, and H. Yamamoto: Spreading sequences for multi-carrier CDMA systems with nonlinear amplifier, European Transactions on Telecommunications Journal, Vol. 15, No. 3, pp. 215-222, May, 2004

2004/5 (Internet Architecture and Systems)

垣内 正年, 森島 直人, 砂原 秀樹, "仮想包囲方形に基づくパラメータフィルタの設計と実装," 電子情報通信学会論文誌, Vol.J87-D-I No.5, May 2004

2) International conferences/Workshops

2004/5 (Computational Linguistics)

Hiroya Takamura, Yuji Matsumoto, Hiroyasu Yamada, "Modeling Category Structures with a Kernel Function," In Proceedings of The Eighth Conference on Natural

Language Learning (CoNLL-2004), Boston, May 2004.

2004/5 (Computational Linguistics)

Mitsuo Shimohata, Eiichiro Sumita, Yuji Matsumoto, "Building a Paraphrase Corpus for Speech Translation," 4th International Conference on Language Resources and Evaluation (LREC), pp.453-457, Lisbon, May 2004.

2004/5 (Image Processing)

Masataka Imura, Toshiyuki Umeda, Benoit Macq, Kunihiro Chihara, Real-Time Human Motion Analysis Based on Quantized Depth Map, Nicograph International 2004, pp. 79- 84, Hsinchu, Taiwan, May 2004.

2004/5 (Robotics)

Yoshio Matsumoto, Jun'iti Ido, Kentaro Takemura, Masanao Koeda, Tsukasa Ogasawara, Portable Facial Information Measurement System and Its Application to Human Modeling and Human Interfaces, The 6th International Conference on Automatic Face and Gesture Recognition (FGR2004), pp. 475- 480, May 2004.

2004/5 (Speech and Acoustics)

Akinobu Lee, Kiyohiro Shikano, Tatsuya Kawahara, "Real-Time Word Confidence Scoring using Local Posterior probabilities on Tree Trellis Search," Proceedings of IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP2004), Vol.I, pp.793--796, May 2004.

2004/5 (Speech and Acoustics)

Tsuyoki Nishikawa, Hiroshi Abe, Hiroshi Saruwatari, Kiyohiro Shikano, "Overdetermined Blind Separation for Convolutional Mixtures of Speech Based on Multistage ICA using Subarray Processing," Proceedings of IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP2004), Vol.I, pp.225--228, May 2004.

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Ryuichi Nisimura, Akinobu Lee, Hiroshi Saruwatari, Kiyohiro Shikano, "Public Speech-Oriented Guidance System with Adult and Child Discrimination Capability," Proceedings of IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP2004), Vol.I, pp.433--436, May 2004.

2004/5 (Speech and Acoustics)

Tomoya Takatani, Tsuyoki Nishikawa, Hiroshi Saruwatari, Kiyohiro Shikano, "Blind

Separation of Binaural Sound Mixtures Using SIMO-Model-Based Independent Component Analysis," Proceedings of IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP2004), Vol.IV, pp.113--116, May 2004.

2004/5 (Speech and Acoustics)

Satoshi Ukai, Hiroshi Saruwatari, Tomoya Takatani, Ryo Mukai, Hiroshi Sawada "SIMO-Model-Based Blind Source Separation Combining Frequency-Domain ICA and Time-Domain ICA," Proceedings of IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP2004), Vol.IV, pp.109--112, May 2004.

2004/5 (Speech and Acoustics)

Kazuki Adachi, Tomoki Toda, Hiromichi Kawanami, Hiroshi Saruwatari, Kiyohiro Shikano, "Perceptual Evaluation of Quality Deterioration Owing to Prosody Modification," Proceedings of the 4th International Conference on Language Resources and Evaluation (LREC2004), May 2004 (accepted).

2004/5 (Foundations of Information Science)

Yuki Kato, Hiroyuki Seki and Tadao Kasami: "Subclasses of Tree Adjoining Grammar for RNA Secondary Structure," 7th International Workshop on Tree Adjoining Grammar and Related Formalisms (TAG+7), Vancouver, Canada, May 2004, to appear.

2004/5 (Vision and Media Computing)

T. Sato, S. Ikeda, and N. Yokoya: "Extrinsic camera parameter recovery from multiple image sequences captured by an omni-directional multi-camera system", Proc. European Conf. on Computer Vision (ECCV2004), Vol. 2, pp. 326-340, May 2004.

2004/5 (Computer Design and Test)

Tsuyoshi Iwagaki, Satoshi Ohtake, Hideo Fujiwara: A Design Methodology to Realize Delay Testable Controllers Using State Transition Information, Proc. 9th IEEE European Test Symposium (ETS'04), pp. 315-320, May 2004.

2004/5 (Computer Design and Test)

Samiha Mourad, Hideo Fujiwara: Design for Reliability, Proc. Instrumentation and Measurement Technology Conference (IMTC 2004), May 2004.

2004/5 (Computer Design and Test)

Yannick Bonhomme, Tomokazu Yoneda, Hideo Fujiwara, Patrick Girard: An Efficient Scan Tree Design for Test Time Reduction, Proc. 9th IEEE European Test Symposium (ETS'04), pp. 321-326, May 2004.

2004/5 (Systems and Control)

Hirokazu Nishitani: Art's Influence on Our research for Plant Operations, Symposium to Honor Professor Arthur Westerberg's Promotion to Professor Emeritus, May 2004.

2004/5 (Software Engineering)

Masao Ohira, Reishi Yokomori, Makoto Sakai, Ken-ichi Matsumoto, Katsuro Inoue, Koji Torii: Empirical Project Monitor: A tool for mining multiple project data, International Workshop on Mining Software Repositories (MSR2004), pp. 42-46, May 2004.