

>>April 2004

1) Journal papers

2004/4 (Robotics)

Jun Ueda, Tsuneo Yoshikawa, "Mode Shape Compensator for Improving Robustness of Manipulator Mounted on Flexible Base", IEEE Transactions on Robotics and Automation, Vol. 20, No.2, pp. 256-268, 2004.4.

2004/4 (Speech and Acoustics)

山出慎吾, 馬場朗, 芳澤伸一, 李晃伸, 猿渡洋, 鹿野清宏, "実環境における頑健な音声認識のための音韻モデルの教師なし話者適応", 電子情報通信学会論文誌, Vol.J87-D-II, No.4, pp.933--941, April 2004.

2004/4 (Artificial Intelligence)

小作浩美, 内山将夫, 井佐原均, 河野恭之, 木戸出正継. 新聞記事コーパスでの単語出現特徴を利用した観光イベント情報の検索支援. 人工知能学会論文誌, Vol.19, No.4, Apr. 2004

2004/4 (Computational Linguistics)

今村賢治, 隅田英一郎(ATR), 松本裕治, 「直訳性を利用した機械翻訳知識の自動構築」
自然言語処理, Vol.11, No.2, pp.85-99, April 2004.

2004/4 (Computational Linguistics)

藤田篤, 乾健太郎, 松本裕治, 「自動生成された言い換え文における不適格な動詞格構造の検出」
情報処理学会論文誌, Vol.45, No.4, pp.1176-1187, April 2004.

2004/4 (Software Engineering)

Masahide Nakamura, Pattara Leelaprute, Ken'ichi Matsumoto, Tohru Kikuno: On detecting feature interactions in the programmable service environment of Internet telephony, Computer Networks, April 2004.

2) International conferences/Workshops

2004/4 (Robotics)

Yuichi Kurita, Jun Ueda, Yoshio Matsumoto, Tsukasa Ogasawara, "CPG-Based Manipulation : Generation of Rhythmic Finger Gaits from Human Observation", Proceedings of the 2004 IEEE International Conference on Robotics and Automation (ICRA 2004), pp.1204-1209, New Orleans, LA, USA, 2004.4.

2004/4 (Speech and Acoustics)

Hiroshi Saruwatari, "SIMO-Model-Based ICA - Concept and Its Applications -," 18th International Congress on Acoustics (ICA2004), Vol.I, pp.93--96, April 2004 (Invited Talk).

2004/4 (Speech and Acoustics)

Tsuyoki Nishikawa, Hiroshi Abe, Hiroshi Saruwatari, Kiyohiro Shikano, "Overdetermined Blind Separation of Acoustic Signals Based on MISO-Constrained Frequency-Domain ICA," 18th International Congress on Acoustics (ICA2004), vol.IV, pp.3143--3146, April 2004.

2004/4 (Speech and Acoustics)

Tomoya Takatani, Tsuyoki Nishikawa, Hiroshi Saruwatari, Kiyohiro Shikano, "Comparison between SIMO-ICA with least squares criterion and SIMO-ICA with information-geometric learning," 18th International Congress on Acoustics (ICA2004), Vol.I, pp.329--332, April 2004.

2004/4 (Speech and Acoustics)

Raj Kishore Prasad, Hiroshi Saruwatari, Kiyohiro Shikano, "Blind Detection of CLT Disobeying Frequency Bind for Audio Source Separation by Fixed-Point ICA," 18th International Congress on Acoustics (ICA2004), vol.IV, pp.3151--3154, April 2004.

2004/4 (Speech and Acoustics)

Yosuke Tatekura, Yu Nagata, Hiroshi Saruwatari, Kiyohiro Shikano, "Adaptive algorithm of iterative inverse filter relaxation to acoustic fluctuation in sound reproduction system," 18th International Congress on Acoustics (ICA2004), vol.IV, pp.3163--3166, April 2004.

2004/4 (Speech and Acoustics)

Tatsunori Asai, Yoichi Hinamoto, Hiroshi Saruwatari, Kiyohiro Shikano, "Interface for Barge-in Free Spoken Dialogue System Using Adaptive Sound Field Control and Microphone Array," 18th International Congress on Acoustics (ICA2004), vo.I, pp.755--758, April 2004.

2004/4 (Speech and Acoustics)

Masahiro Fukui, Yoichi Yamashita, Hiroshi Saruwatari, Kiyohiro Shikano, "Pitch recognition for successive musical cords using short-term estimation method for peak frequencies," International Symposium on Musical Acoustics (ISMA2004), April 2004 (Invited talk).

2004/4 (Artificial Intelligence)

Tatsuyuki Kawamura, Takahiro Ueoka, Yasuyuki Kono, Masatsugu Kidode. Relational Analysis among Experiences and Real World Objects in the Ubiquitous Memories Environment. Pervasive 2004 Workshop on Memory and Sharing of Experiences, pp.79-85, Apr. 2004.

2004/4 (Artificial Intelligence)

Yasuyuki Kono, Kaoru Misaki. Remembrance Home: Storage for re-discovering one's life. Pervasive 2004 Workshop on Memory and Sharing of Experiences, pp.25-29, Apr. 2004.

2004/4 (Image Processing)

Katsunori Ishii, Sachiko Suzuki-Yoshihashi, Kunihiro Chihara, Kunio Awazu: FT-IR analysis of phosphorylated protein SPIE Photonics Europe 2004, Proceeding of SPIE, Vol.5461, Vol.5, No.32, Strasbourg, France, Apr. 2004.

2004/4 (Image Processing)

Ryunosuke Tsuji, Masafumi Matsumura, Kanji Nohara, Takashi Tachimura, Takeshi Wada: Analysis of tongue force adaptation to the change of palatal shape based on measurement of palatolingual contact pressure, The 18th International Congress on Acoustics II, pp. 1331-1334, Kyoto, Japan, Apr. 2004.

2004/4 (Software Engineering)

Ken-ichi Matsumoto, Akito Monden, Toshiyuki Kamei, Development of a software search engine for the World Wide Web, Proceedings of Workshop on Software Product Archiving and Retrieving System, pp.39-44, Kyoto, Japan, Apr. 2004.

2004/4 (Software Engineering)

Naoki Ohsugi, Masateru Tsunoda, Akito Monden, Ken-ichi Matsumoto: Applying collaborative filtering for effort estimation with process metrics, Lecture Notes in Computer Science, 5th International Conference on Product Focused Software Process Improvement (Profes2004), Vol.3009, pp.274-286, Kyoto, Japan, Apr. 2004.

2004/4 (Software Engineering)

Takeo Kasubuchi, Hiroshi Igaki, Hajimu Iida, Ken-ichi Matsumoto, Compositional pattern search method for reuse of software process elements, Proceedings of Workshop on Software Product Archiving and Retrieving System, pp. 21-28, Kyoto, Japan, Apr. 2004.