

>>December 2004

1) Journal papers

2004/12 (Robotics)

栗田 雄一, 上田 淳, 松本 吉央, 小笠原 司, "神経振動子を利用したロボットハンドによるマニピュレーション : 人間計測に基づく操作パターンの生成," 日本機械学会論文集, Vol.70 No.699, pp.3220-3226

2004/12 (Image Processing)

藤本昌宏, 井村誠孝, 安室喜弘, 眞鍋佳嗣, 千原國宏: AirGrabber: 小型カメラと傾斜センサを用いたバーチャルキーボード, 日本バーチャルリアリティ学会論文誌, Vol. 9, No. 4, pp. 413-422. Dec.2004.

2004/12 (Image Processing)

Osamu Oshiro, Yoshihiro Yasumuro, Tadao Sugiura, Kunihiro Chihara, Satoshi Kawata: An Ultrasound Catheter using LIB phenomenon, IEEJ Transaction on Sensors and Micromachines, Vol.124, pp.459-163, Dec.2004.

2004/12 (Computer Design and Test)

Tsuyoshi Iwagaki, Satoshi Ohtake, Hideo Fujiwara, "A design scheme for delay testing of controllers using state transition information," IEICE Trans. on Fundamentals of Electronics, Communications and Computer Sciences, Vol. E87-A, No. 12, pp.3200-3207, Dec.2004.

2004/12 (Computer Design and Test)

米田 友和, 藤原 秀雄, レジスタ転送レベル回路に対する連続透明化設計法, 電子情報通信学会論文誌(DI), Vol. J87-D-I, No. 12, pp.1110-1118, Dec 2004.

2004/12 (Computational Linguistics)

Kaoru Yamamoto, Taku Kudo, Akihiko Konagaya and Yuji Matsumoto, " Use of morphological analysis in protein name recognition," Journal of Biomedical Informatics, Volume 37, Issue 6, pp.471-482, December 2004.

2004/12 (Speech and Acoustics)

Rajkishore Prasad, Hiroshi Saruwatari, and Kiyohiro Shikano, "An ICA algorithm for separation of convolutive mixture of speech signals," International Journal of Signal Processing, Vol.1, No.3, pp.250-259, 2004.

2) International conferences/Workshops

2004/12 (Systems and Control)

Nami Kidane, Hisakazu Nakamura, Yuh Yamashita, Hirokazu Nishitani: Controller design for a nonlinear system with inputs restricted to a direct product of Minkowski balls, 43rd IEEE Conference on Decision and Control, December 2004.

2004/12 (Systems and Control)

Akira Ohtani, Yuji Matsumoto, " Japanese Subjects and Information Structure: A Constraint-based Approach," Proceedings of the 18th Pacific Asia Conference on Language, Information and Computation (PACLIC18), pp.93-104, Tokyo, December 2004.

2004/12 (Systems and Control)

Chooi-Ling Goh, Masayuki Asahara, Yuji Matsumoto, " Pruning False Unknown Words to Improve Chinese Word Segmentation," Proceedings of the 18th Pacific Asia Conference on Language, Information and Computation (PACLIC18), pp.139-149, Tokyo, December 2004.

2004/12 (Vision and Media Computing)

S. Ikeda, T. Sato, M. Kanbara, and N. Yokoya: " Immersive telepresence system using high-resolution omnidirectional video with locomotion interface", Proc. 14th Int. Conf. on Artificial Reality and Telexistence (ICAT 2004), pp. 188-193, Dec. 2004.

2004/12 (Vision and Media Computing)

K. Yamazawa, T. Ishikawa, T. Sato, S. Ikeda, Y. Nakamura, K. Fujikawa, H. Sunahara, and N. Yokoya: " Web-based telepresence system using omni-directional video streams", Proc. 5th Pacific Rim Conf. on Multimedia, Vol. 3, pp. 45-52, Dec. 2004.

2004/12 (Vision and Media Computing)

K. Makita, M. Kanbara, and N. Yokoya: " Shared annotation database for networked wearable augmented reality system", Proc. 5th Pacific Rim Conf. on Multimedia, Vol. 3, pp. 499-507, Dec. 2004.

2004/12 (Image Processing)

Masataka Imura, Yusuke Sakan, Yoshihiro Yasumuro, Yoshitsugu Manabe, Kunihiro Chihara: Pen-Shaped Device for Handwriting on Wearable Computers, Proceedings of the 14th International Conference on Artificial Reality and Telexistence, pp.457-460

Seoul, Korea. Dec. 2004.

2004/12 (Image Processing)

Koji Urawaki, Yasushi Masuda, Yoshihiro Yasumuro, Yoshitsugu Manabe, Kunihiro Chihara: Development of the Learning Environment for Sport-form Education with the Visualization of Biophysical Information, Proceedings of the 14th International Conference on Artificial Reality and Telexistence, pp.576-579 Seoul, Korea, Dec. 2004.

2004/12 (Internet Architecture and Systems)

K. Yamazawa, T. Ishikawa, T. Sato, S. Ikeda, Y. Nakamura, K. Fujikawa, H. Sunahara, and N. Yokoya: Web-based telepresence system using omni-directional video streams., Proc. 5th Pacific Rim Conf. on Multimedia, Vol. 3, pp. 45-52, Dec. 2004.

2004/12 (Communications)

T. Wada, K. Ohuchi, H. Okada, A. Jamalipour, and M. Saito, ``A study on effect of turbo codes with unequal power allocation on multi-hop networks," Proc. The 3rd Workshop on the Internet, Telecommunications and Signal Processing, Adelaide, Dec. 2004.