

>>January 2006

1) Journal papers

(Speech and Acoustics)

Tomoki Toda, Hisashi Kawai, Minoru Tsuzaki, and Kiyohiro Shikano, "An evaluation of cost functions sensitively capturing local degradation of naturalness for segment selection in concatenative speech synthesis," *Speech Communication*, Vol.48, No.1, pp.45-56, Jan. 2006.

Yoshitaka Nakajima, Hideki Kashioka, Nick Cambell, Kiyohiro Shikano, "Non-Audible Murmur (NAM) Recognition", *IEICE Trans. Information and Systems*, Vol.E89-D, No.1, pp.1-8, Jan. 2006.

(Systems and Control)

Xiwei Liu, Hiroaki Kosaka, Masaru Noda, Hirokazu Nishitani, "Model-based static evaluation of graphic panels for plant operations," *ヒューマンファクターズ* 10 巻 2 号, pp.103-113 Jan.. 2006.

鈴木 剛, 坂田晃一, 野田 賢, 西谷紘一, "現場作業 OJT 教材開発プロセスの提案," *ヒューマンファクターズ* 10 巻 2 号, pp.83-93 Jan. 2006.

喜種奈美, 中村文一, 山下裕, 西谷紘一, "入力制約つき非線形システムに対する逆最適制御," *計測自動制御学会論文集*, 42, 1, pp.26-34, Jan. 2006

小坂洋明, 小山弘樹, 森岡俊之, 野田賢, 西谷紘一, "出会い頭事故発生時のドライバーの視線移動," *自動車技術会論文集*, 37 1 pp.191-195, Jan. 2006.

倉恒匡輔, 西谷紘一, "プラント運転知識の電子化と活用に関する考察," *ヒューマンファクターズ*, 10, 2, pp.122-132, Jan. 2006.

(Artificial Intelligence)

上田博唯, 小林亮博, 佐竹純二, 近間正樹, 佐藤淳, 木戸出正継, "ユビキタス環境における対話型ロボットインタフェースのための対話戦略の構築", *情報処理学会論文誌*, Vol.47, No.1, pp. 87-97, Jan. 2006.

(Software Engineering)

Yuichiro Kanzaki, Akito Monden, Masahide Nakamura, Ken-ichi Matsumoto, "A Software Protection Method Based on Instruction Camouflage," *Electronics and Communications in Japan, Part 3*, 89, 1, pp. 47-59, Jan. 2006.

大杉 直樹, 角田 雅照, 門田 暁人, 松村 知子, 松本 健一, 菊地 奈穂美, "企業横断的収集データに基づくソフトウェア開発プロジェクトの工数見積もり," SEC journal, 5, pp.16-25, Jan. 2006.

(Internet Engineering)

門林雄基, オーバーレイ・ネットワーク コンピュータソフトウェア, 日本ソフトウェア科学会, Vol.23, No.1, pp.15-23, Jan.2006.

(Robotics)

竹村 憲太郎, 松本 吉央, 小笠原 司, "複数人の視線計測に基づく「場の注意」の推定," ヒューマンインタフェース学会, Vol.8, No.1 pp.185-194, Jan. 2006.

(Computational Linguistics)

北村美穂子, 松本裕治, 言語資源を活用した実用的な対訳表現抽出, 自然言語処理, Vol.13, No.1, pp.3-25, Jan. 2006.

2) International conferences/Workshops

(Communications)

Y.C. Yu, M. Okada, H. Yamamoto, "Effect of Dummy elements on Monopole-Array assisted Doppler Spread Compensator for Digital Terrestrial Television Broadcasting Receiver," IEEE Radio and Wireless Symposium, Jan. 2006.

K. Anwar, H. Yamamoto, "A New Design of Carrier Interferometry OFDM with FFT as Spreading Codes," IEEE Radio and Wireless Symposium, Jan. 2006.

(Image Processing)

Shi Ying Li, Yoshitsugu Manabe, Kunihiro Chihara: Estimating Reflectance Parameters from Saturated Spectral Images, Proc. of Electronic Imaging Spectral Imaging: 8th International Symposium on Multispectral Color Science, SPIE-IS&T Vol.6062, 606208-1-10 (2006/01/16) San Jose, California, USA, Jan. 2006.

Kenta Takanohashi, Yoshitsugu Manabe, Yoshihiro Yasumuro, Masataka Imura, Kunihiro Chihara: 3D Measurement of Ball Trajectory using Motion Blur, International Workshop On Advanced Image Technology 2006, P04-8 (2006/01/11) Naha, Japan.

Jumpei Mishima, Yoshihiro Yasumuro, Masataka Imura, Yoshitsugu Manabe and Kunihiro Chihara: MEASUREMENT OF SPORT MOTION BY MARKING ON A

SEGMENT WITH CIRCULAR-RING MARKER, International Workshop On Advanced Image Technology, P05-5 (2006/01/11) Naha,Okinawa, Jan. 2006.

(Computer Design and Test)

Masahide Miyazaki, Tomokazu Yoneda, Hideo Fujiwara, "A memory grouping method for sharing memory BIST logic," 11th Asia and South Pacific Design Automation Conference(ASP-DAC2006) pp.671-676, Jan. 2006

(Vision and Media Computing)

A. Iketani, T. Sato, S. Ikeda, M. Kanbara, N. Nakajima, and N. Yokoya:
"Super-resolved video mosaicing for documents based on extrinsic camera parameter estimation", Proc. Asian Conf. on Computer Vision (ACCV2006), Vol. 2, pp. 101-110, Jan. 2006.

Y. Yokochi, S. Ikeda, T. Sato, and N. Yokoya: "Extrinsic camera parameter estimation based-on feature tracking and GPS data",
Proc. Asian Conf. on Computer Vision (ACCV2006), Vol. 1, pp. 369-378, Jan. 2006.

(Artificial Intelligence)

Yuko Miyake, Yasuyuki Kono, Naoki Saiwaki, Tatsuyuki Kawamura, Masatsugu Kidode, "Integrating object finding function into everyday fashion," Third Workshop on Multi-User and Ubiquitous User Interfaces (MU3I 2006), pp.18-19, Jan. 2006.

Tatsuyuki Kawamura, Yasuyuki Kono, Masatsugu Kidode Towards, "Towards Wearable Cognitive Prostheses for Supporting "What" and "Who" Type Memory Activities," First International Workshop on Cognitive Prostheses and Assisted Communication (CPAC 2006), pp.6-9, Jan. 2006.

(Software Engineering)

Hiroki Yamauchi, Yuichiro Kanzaki, Akito Monden, Masahide Nakamura, Ken-ichi Matsumoto, "Software Obfuscation from Crackers' Viewpoint," Proc. IASTED International Conference on Advances in Computer Science and Technology (IASTED ACST 2006), pp.286-291, Jan. 2006.

(Internet Engineering)

Eiji Kawai, Suguru Yamaguchi, Tomohisa Akafuji, and Keishi Kandori, "A Framework of a Content Distribution Service Synchronized with TV Broadcasting Programs," IEEE Consumer Communications and Networking Conference, Jan. 2006.

