

## >>October 2003

### 1 ) Journal papers

2003/10 ( Computer Design and Test )

F. Azais, S. Bernard, Y. Bertrand, M. Comte, M. Renovell, "A-to-D Converter Static Error Detection from Dynamic Parameter Measurements," MEJO: Microelectronics Journal, Vol. 34, No.10, pp. 945-953, Oct. 2003.

2003/10/01 ( Image Processing )

Osamu Oshiro, Kumi Kamada, Masataka Imura, Kunihiro Chihara, Eiji Toyota, Yasuo Ogasawara, Fumihiko Kajiya: Kidney Glomerulus Observation in Interactive VR Space, International Journal of Image and Graphics, 3, pp.629-637 (2003/10/01)

2003/10 ( Vision and Media Computing )

奥村 文洋, 町田 貴史, 横矢 直和: "多重スケール環境マップを用いた粗さが不均一な材質への写り込みの高速レンダリング", 映像情報メディア学会誌, Vol.57, No.10, pp.1300-1306, October 2003.

2003/10 ( Vision and Media Computing )

佐藤 智和, 神原 誠之, 横矢 直和, 竹村 治雄: "マーカと自然特徴点の追跡による動画像からのカメラ移動パラメータの復元", 電子情報通信学会論文誌(D-II), Vol.J86-D-II, No.10, pp.1431-1440, October 2003.

### 2 ) International conferences/Workshops

2003/10 ( Computer Design and Test )

S. Bernard, M. Comte, F. Azais, Y. Bertrand, M. Renovell, "A new methodology for ADC test flow optimization," Proc. International Test Conference, pp.201--209, Oct. 2003.

2003/10 ( Computer Design and Test )

Y. Bonhomme, P. Girard, L. Guiller, C. Landrault, S. Pravossoudovitch, "Efficient scan chain design for power minimization during scan testing under routing constraint," Proc. International Test Conference, pp.488--493, Oct. 2003.

2003/10 ( Artificial Intelligence )

Tatsuyuki Kawamura, Yasuyuki Kono, Masatsugu Kidode. "Nice2CU: Managing a Person's Augmented Memory ",The 7th IEEE International Symposium on Wearable Computers, pp.242-243, Oct.2003.

2003/10 ( Robotics )

Yuichi Kurita, Atsutoshi Ikeda, Jun Ueda, Yoshio Matsumoto, Tsukasa Ogasawara: "A Novel

Pointing Device Utilizing the Deformation of the Fingertip," Proceedings of 2003 IEEE/RSJ International Conference on Intelligent Robots and Systems(IROS'2003), pp.13-18, 2003.10.

2003/10 ( Robotics )

Hiroshi Takemura, Abdelaziz Khatib, Hiroya Iwama, Jun Ueda, Yoshio Matsumoto, Tsukasa Ogasawara: "Study of the Toes Role in Human Walk by Toe Elimination and Pressure Measurement System," Proceedings of 2003 IEEE International Conference on Systems, Man & Cybernetics, pp.2569-2574, 2003.10.

2003/10 ( Robotics )

Norihisa Takahashi, Mitsunori Tada, Jun Ueda, Yoshio Matsumoto, Tsukasa Ogasawara, "An Optical 6-axis Force Sensor for Brain Function Analysis using fMRI", Proceedings of the IEEE International Conference on Sensors ,Toront, Canada, 2003. 10.

2003/10 ( Computational Linguistics )

Masashi Shimbo, Takahiro Yamasaki, Yuji Matsumoto. Using Sectioning Information for Text Retrieval: A Case Study with the medline Abstracts Proc. Second International Workshop on Active Mining (AM'03), pp. 32-41, October 2003.

2003/10 ( Computational Linguistics )

Takashi Inui, Kentaro Inui, Yuji Matsumoto, "What Kinds and Amounts of Causal Knowledge Can Be Acquired from Text by Using Connective Markers as Clues?" Discovery Science, Proceedings of 6th International Conference, DS 2003, Gunter Grieser, Yuzuru Tanaka and Akihiro Yamamoto (eds.), Lecture Notes in Artificial Intelligence 2843, pp.180-193, October 2003.

2003/10 ( Vision and Media Computing )

S. Ikeda, T. Sato, and N. Yokoya: ``Telepresence using high-resolution omnidirectional movies and a reactive display", Proc. 2nd IEEE/ACM Int. Sympo. on Mixed and Augmented Reality (ISMAR 03), pp.292-293, Tokyo, Japan, October 2003.

2003/10 ( Vision and Media Computing )

R. Tenmoku, M. Kanbara, and N. Yokoya: ``A wearable augmented reality system for navigation using positioning infrastructures and a pedometer", Proc. 2nd IEEE/ACM Int. Sympo. on Mixed and Augmented Reality (ISMAR 03), pp.344-345, Tokyo, Japan, October 2003.

2003/10 ( Vision and Media Computing )

T. Machida, H. Takemura, and N. Yokoya: ``Surface reflectance modeling of real objects with interreflections", Proc. 9th Int. Conf. on Computer Vision (ICCV'03), Vol.I, pp.170-177, Nice, France, October 2003.

2003/10 ( Vision and Media Computing )

R. Tenmoku, M. Kanbara, and N. Yokoya: "A wearable augmented reality system using positioning infrastructures and a pedometer", Proc. 7th IEEE Int. Sympo. on Wearable Computers (ISWC2003), White Plains, New York, pp.110-117, October 2003.

2003/10/22 ( Image Processing )

M. Suga, T. Aga, K. Minato and K. Chihara: Development of an Elasticity Measurement System Using Magnetic Resonance Microscope, 6th Polish-Japanese Seminar on Contribution of the Information Science to Medicine, pp.34-35 Kyoto International Conference

2003/10/20 ( Image Processing )

Yoshito Tabata, Tomohiro Kuroda, Atsutoshi Goto, Kunihiro Chihara: Development of Intelligent Glove-based Input Device Measuring Both Flexion and Touch, 6th Polish-Japanese Symposium on Bio-Medical Engineering, pp. 16-17 Kyoto, Japan

2003/10 ( Communications )

N. Nagai, M. Okada, M. Saito, and H. Yamamoto: "Array antenna assisted Doppler spread compensator with vehicle speed estimator for OFDM Receiver", The 6th International Symposium on Wireless Personal Multimedia Communications, 3, pp. 430-434 (2003-10)