

>>January 2004

1) Journal papers

2004/01/15 (Image Processing)

石井克典, 鈴木-吉橋幸子, 千原國宏, 粟津 邦男: リン酸化ペプチドに対する FEL 照射効果と赤外分光学的リン酸基判別法, レーザー学会誌, Vol.32, No.1, pp.43-47 (2004/01/15)

2004/1 (Robotics)

岩間 博哉, 竹村 裕, 上田 淳, 松本 吉央, 小笠原 司, "足指免荷時足指圧力計測に基づく歩行運動に及ぼす足指機能解明", 機械学会論文誌 C 編, vol. 70, no. 689, pp.213-220, 2004 .

2004/1 (Robotics)

Jun Ueda, Ryoji Negi, Tsuneo Yoshikawa, "Acquisition of a Page Turning Skill for a Multifingered Hand using Reinforcement Learning", Advanced Robotics, Vol.18, No. 1, pp.101-114, 2004.

2004/1 (Communications)

"複合符号同期方式による低 C/N 時の同期時間の高速安定化", 原孝雄, 福井護, 山本平一, 電子情報通信学会論文誌, Vol.J87-B, No.1, pp.19-35, Jan.2004.

2004/1 (Systems and Control)

金銀花、山下 裕、西谷紘一：プラントオペレータの異常診断過程のモデル化とシミュレーション, 日本プラント・ヒューマンファクター学会誌、Vol.8, No.2, In print, 2004

2004/1 (Software Engineering)

大杉 直樹, 門田 暁人, 森崎 修司, 松本 健一, "協調フィルタリングに基づくソフトウェア機能推薦システム," 情報処理学会論文誌, Vol.45, No.1, pp.267-278, January, 2004.

2) International conferences/Workshops

2004/1 (Artificial Intelligence)

Yasuyuki Kono, Tatsuyuki Kawamura, Takahiro Ueoka, Satoshi Murata, Masatsugu Kidode. Real World Objects as Media for Augmenting Human Memory. Workshop on Multi-user and Ubiquitous User Interfaces, pp.37-41, Jan. 2004.

2004/1 (Artificial Intelligence)

Norimichi Ukita, Masatsugu Kidode. Wearable Virtual Tablet: Fingertip Drawing on a Portable Plane-Object Using an Active-Infrared Camera. International Conference on Intelligent User Interfaces 2004, pp.169-176, Jan. 2004.

2004/01/29 (Image Processing)

Jiun Jie Chen, Yoichi Haga, Hiromasa Akahori, Osamu Oshiro, Kunihiro Chihara, Masayoshi

Esashi: Fabrication of Low Directional Acoustic Transducers for Intravascular Forward-looking Imaging, 17th IEEE International Conference on Micro Electro Mechanical Systems(MEMS2004), pp.857-860 (2004/01/29) Maastricht, the Netherlands

2004/1 (Robotics)

Abdelaziz KHIAT, Yoshio Matsumoto and Tsukasa Ogasawara: "Task Specific Eye Movements Understanding for a Gaze-Sensitive Dictionary," Proceedings of 2004 International Conference on Intelligent User Interfaces (IUI2004), pp.265-267, 2004.1.

2004/1 (Speech and Acoustics)

Y.Nakajima, P.Heracleous, K.Shikano, Nick Campbell, Non-Audible Murmur Recognition, Special Workshop in MAUI (SWIM),January 2004, (Invited)

2004/1 (Speech and Acoustics)

H.Saruwatari, T.Takatani, H.Yamajo, K.Shikano, SIMO-Model-Based Blind Acoustic Signal Separation: Concept and Its Application, Special Workshop in MAUI (SWIM),January 2004, (Invited)

2004/1 (Foundations of Information Science)

Yoshiaki Takata, Takeshi Nakamura and Hiroyuki Seki:Accessibility Verification of WWW documents by an Automatic Guideline Verification Tool, Proc. the 37th Hawaii International Conference on System Sciences (HICSS-37), the Digital Documents and Media Track, The Experience of Media From Design to Use Minitrack, Jan. 2004, to appear.

2004/1 (Computer Design and Test)

Virendra Singh, Michiko Inoue, Kewal K. Saluja and Hideo Fujiwara, "Instruction-based delay fault self-testing of processor cores," International Conference on VLSI Design 2004, pp.933-938, Jan. 2004.

2004/1 (Vision and Media Computing)

K. Makita, M. Kanbara, and N. Yokoya: ``Shared database of annotation information for wearable augmented reality system'', Proc. SPIE, Vol.5291, The Engineering Reality of Virtual Reality 2004, San Jose, California, January 2004.

2004/1 (Vision and Media Computing)

S. Ikeda, T. Sato, M. Kanbara, and N. Yokoya: ``Immersive telepresence using high-resolution omnidirectional movies and a locomotion interface'', Proc. SPIE, Vol.5291, The Engineering Reality of Virtual Reality 2004, San Jose, California, January 2004.

2004/1 (Vision and Media Computing)

T. Sato, S. Ikeda, M. Kanbara, A. Iketani, N. Nakajima, N. Yokoya, and K. Yamada:
"High-resolution video mosaicing for documents and photos by estimating camera motion", Proc.
SPIE, Vol.5299, Computational Imaging II, San Jose, California, January 2004.

2004/1 (Vision and Media Computing)

T. Sato, S. Ikeda, and N. Yokoya: "Extrinsic camera parameter recovery of a moving
omnidirectional multi-camera system", Proc. 6th Asian Conf. on Computer Vision (ACCV2004),
Vol.I, pp.306-311 Jeju Island, Korea, January 2004.

2004/1 (Systems and Control)

Opat Orapimpan, Taketoshi Kurooka, Yuh Yamashita, Hirokazu Nishitani: Support Systems for
Knowledge Inheritance from Video Images of Plant Operations, Proceedings of 8th International
Symposium on Process Systems Engineering (PSE2003), Kunming-China, Jan.5-10, 2004.

2004/1 (Systems and Control)

Yinhua Jin, Taketoshi Kurooka, Yuh Yamashita, Hirokazu Nishitani: Modeling and Simulation of
Human Errors in Plant Operations, Proceedings of 8th International Symposium on Process
Systems Engineering (PSE2003), Kunming-China, Jan.5-10, 2004.

2004/1 (Systems and Control)

Yuh Yamashita, Nami Kidane, Hirokazu Nishitani: Observer Design for Nonlinear Systems
Described by Differential-Algebraic Equations, Proceedings of 8th International Symposium on
Process Systems Engineering (PSE2003), Kunming-China, Jan.5-10, 2004.

2004/1 (Systems and Control)

Chie Sato, Tetsuya Ohtani, Hirokazu Nishitani: Steps toward Novel Grade Transition Control for the
Gas-phase Polymerization Process, Proceedings of 8th International Symposium on Process
Systems Engineering (PSE2003), Kunming-China, Jan.5-10, 2004.

2004/1 (Software Engineering)

Akito Monden, Antoine Monsifrot, and Clark Thomborson, "A framework for obfuscated
interpretation," Proc. 2nd Australasian Information Security Workshop (AISW2004), Jan. 2004