

(Accepted November , 1999)

CONDENSED MATTER AND MATERIAL**Alternative Modification Methods for Sol-gel Coatings of Silica, Titania and Silica-titania using Ultraviolet Irradiation and Water Vapor**Hiroaki IMAI, Hiroshi HIRASHIMA¹ and Koichi AWAZU¹*Keio Univ.**Thin Solid Films* **351** (1999) 91**Contamination-free Method of Vacuum Introduction for Clean Sample**

Akira KUROKAWA

Journal of Surface Analysis **6** (1999) 285**Disorder Effects on Density of States and Electronic Conductance in Carbon Nanotubes**

Kikuo HARIGAYA

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Superconducting Condensation Energy of the Two-dimensional Hubbard model Obtained by the Variational Monte Carlo Study

Kunihiko YAMAJI, Takashi YANAGISAWA and So KOIKE

Advances in Superconductivity XI (Proc. of ISS'98) (1999) 343 - 346**INFORMATION SCIENCE****ネットワーク分散型移動ロボット実験システム**岡田 浩之¹, 伊藤 修², 萩原由香里², 仁木 和久, 大森 隆司²¹富士通²東京農工大学ロボット学会誌 **17** 6 (1999) 896-904**Modeling Human Mind**

Tohru NITTA, Toshio TANAKA, Kenji NISHIDA and Hiroaki INAYOSHI

Proceedings of IEEE International Conference on Systems, Man, and Cybernetics (1999) 342-347**Probabilistic Robot Localization and Situated Feature Focusing**Yoichi MOTOMURA, Nikos VLASSIS¹ and Ben KROSE¹¹*University of Amsterdam**1999 IEEE International Conference on Systems, Man, and Cybernetics IV* (1999) 726-730**Fine Motion Planning Using Skill-Based Backprojection to Handle Control and Visual Errors**Akira NAKAMURA, Takashi SUEHIRO, Kazuo MACHIDA and Hideo TSUKUNE¹¹*Oita Industrial Research Institute**Proceedings of the Ninth International Conference on Advanced Robotics (99 ICAR)* (1999) 31-38

Geometric Modeling Using Range Data and an Edge Image Derived from a Range Finder

Akira NAKAMURA, Kazuo MACHIDA and
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¹*Oita Industrial Research Institute*

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Recognition of Three-Dimensional Free-Form Objects Using Segment-Based Stereo Vision

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²*USEF*

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Wire Handling Experiment by Teleoperation of the Advanced Robotic Hand from the Ground

Nobuto MATSUHIRA¹, Makoto ASAKURA¹,
Yasuo SHINOMIYA¹, Kazuo MACHIDA,
Kazuo TANIE² and Kenzo AKITA³

¹*Toshiba Corporation*

²*MEL*

³*USEF*

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OPTICS AND RADIATION

雲粒の光学的特性に関する実験研究

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SPACE AND OCEAN TECHNOLOGY

Ground Control System for Precise Telerobotic Operation of the Advanced Robotic Hand

Akira NODA¹, Naozumi TSUDA¹,
Masayoshi MORIYA¹, Hirotaka NISHIDA¹,
Kazuo MACHIDA and Kenzo AKITA²

¹*Fujitsu Ltd.*

²*USEF*

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Flexible Solar Cell Sheet Handling by a Three-finger Multisensory Hand

Nobuyuki KUBOTA¹, Masahiro OHNO¹,
Ryuji SAKATA¹, Kazuo MACHIDA and
Kenzo AKITA²

¹*Kawasaki Heavy Industries, Ltd.*