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CONTENTS

Pu ished P pers	S
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Registered P tents	S

Contents

Introduction	i
Mechanical System Engineering	1
Artificial Complex Systems Engineering	10
Information Engineering	17
Chemistry and Chemical Engineering	22
Social and Environmental Systems Engineering	34
Research Center for Nanodevices and Systems	43
Index	i

Published Papers

A. Mechanical System Engineering

	A o N j	o n o No Y
Aí Effect of acoustic cavitation on ease of infiltration of molten aluminum alloys into carbon fiber using ultrasonic infiltration method	T. Matsunaga K. Ogata T. Hatayama K. Shinozaki M. Yoshida	Composites Part A, (2007) pp. 771-778
A Wettability of basal and prismatic plane of graphite by molten aluminum - magnesium alloy	M. Yoshida T. Matsunaga K. Ogata T. Hatayama K. Shinozaki	Material Science Forum, (2007)
A DEVELOPMENT OF AL/CU DISSIMILAR BRAZING JOINT CONTROLLED FORM OF INTERMETALLIC COMPOUND	K. Shinozaki K. Koyama	Material Science Forum, (2007) pp. 4075-4080
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Aí Local melting and cracking in Al 7075-T6 and Al 2024-T3 friction stir spot welds	A. Gerlich M. Yamamoto T.H. North	Science and Technology of Welding and Joining, í , 6 (2007) pp. 472-480
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o n o No Y

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M. Yamamoto
A. Gerlich
T.H. North
K. Shinozaki

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pp. 242-243

Aí Development of Evaluation Method for Solidification Cracking Susceptibility of Inconel600/SUS347 Dissimilar Laser Weld Metal by In-situ Observation

K. Shinozaki
M. Yamamoto
A. Kawasaki
T. Tamura
P. Wen

Abstract Book of International Welding Joining Conference-Korea 2007, (2007)
pp. 20-21

Aí Impact and hot corrosion properties of levitation-melted NiAl polycrystals with different purity

Kazuhiro Matsugi
Gen Sasaki
Osamu Yanagisawa

Materials Transactions, , 2 (2007)
pp. 195-204

Aí Effects of Ca addition on solidification structure of Cu-Sn-Zn bronze castings

Kazuhiro Matsugi
Takayuki Hino
Gen Sasaki
Osamu Yanagisawa
Minoru Kidani

Materials Transactions, , 4 (2007)
pp. 799-806

Aí Preparation of Ti matrix composites of Ti-B-C-N systems by spark sintering and their friction and wear characteristics

Kazuhiro Matsugi
Gen Sasaki
Osamu Yanagisawa
Dongchun Li
Hideaki Kuramoto
Takashi Oki

Materials Transactions, , 5 (2007)
pp. 1042-1049

Aí Electrical and thermal characteristics of Pb-Free Sn-Zn alloys for an AC-Low voltage fuse element

Kazuhiro Matsugi
Gen Sasaki
Osamu Yanagisawa
Yasuo Kumagai
Koji Fujii

Materials Transactions, , 5 (2007)
pp. 1105-1112

A Surface treatment of Al18B4O33 whisker and development of Al18B4O33/ZK60 magnesium alloy matrix composite

Gen Sasaki
Wenguang Wang
Yusuke Hasegawa
Yong Bum Choi
Nobuyuki Fuyama
Kazuhiro Matsugi
Osamu Yanagisawa

J. Materials Processing Technology, , 6 (2007)
pp. 429-432

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ditions on the properties of Ti-6Al-4V
Osamu Yanagisawa

J. Materials Processing Technology, , 6 (2007)
pp. 429-432

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A Statistical Relationship between Three- and Two-Dimensional Spatial Distribution of Dispersed Phase	Kenjiro Sugio Yasutaka Momota Di Zhang Hiroshi Fukushima Osamu Yanagisawa	Materials Transactions, , 10 (2007) pp. 2768-2777
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Flow Field of Turbulent Premixed Combustion in a Cyclone-Jet Combustor	Kazuhiro Yamamoto Satoshi Inoue Hiroshi Yamashita Daisuke Shimokuri Satoru Ishizuka	Journal of Thermal Science and Technology, <i>i</i> , 1 (2007) pp. 90-101
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PIV Measurements on a 2-inch Tubular Flame Burner	Daisuke Shimokuri Yuyin Zhang Satoru Ishizuka	Proceedings of the Sixth Asia-Pacific Conference on Combustion, (2007) pp. 154-157
Effect of Split Injection on Stratified Charge Formation of Direct Injection Spark Ignition Engines	Ti Li Keiya Nishida Yuhin Zhang Hiroyuki Hiroyasu	International Journal of Engine Research, <i>i</i> , 2 (2007) pp. 205-219
A Challenge to Vapor Distribution Measurement of Multi-Component Evaporating Fuel Spray via Laser Absorption-Scattering (LAS) Technique	Yuyin Zhang Yoshinobu Kotani Akira Yoshida Keiya Nishida	JSAE/SAE Paper, JSAE20077224/SAE2007-01-1892 (2007) pp. 1368-1378
Effects of Micro-Hole and Ultra-High Injection Pressure on Mixture Properties of D.I. Diesel Spray	Keiya Nishida Wu Zhang Tetsuya Manabe	JSAE/SAE Paper, JSAE20077100/SAE2007-01-1890 (2007) pp. 1353-1361
Effects of Group-Hole Nozzle Specifications on Fuel Atomization and Evaporation of Direct Injection Diesel Sprays	Jian Gao Yuhei Matsumoto Keiya Nishida	JSAE/SAE Paper, JSAE20077021/SAE2007-01-1889 (2007) pp. 1340-1352

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| A Spray and Mixture Properties of Hole-Type Injector for D.I. Gasoline Engine -Comparison of Experiment and CFD Simulation- | Kiyotaka Sato
Keiya Nishida
Tadashi Tadokoro
Masahisa Yamakawa
Hideaki Yokohata | JSAE/SAE Paper,
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pp. 1-8 |
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Yuhei Matsumoto
Makoto Namba
Keiya Nishida | SAE Paper, No.2007-01-4050 (2007)
pp. 1-20 |
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Jian Gao
Makoto Namba
Keiya Nishida | SAE Paper, 2007-01-4049 (2007)
pp. 1-11 |
| A Analysis of Evaporation Process of Wall-Impinging Gasoline Spray Using a Laser Absorption Scattering Technique for Non-Axisymmetric Spray | Kiyotaka Sato
Keiya Nishida
Tadashi Tadokoro
Jian Gao
Seoksu Moon | Proceedings of the 11th Annual Conference on Liquid Atomization and Spray Systems-Asia, ILASS-Asia 2007, (2007)
pp. 56-63 |
| A Enhancement of Double Auger Decay Probability in Xenon Clusters Irradiated with a Soft X-ray Laser pulse | S. Namba
N. Hasegawa
M. Nishikino
T. Kawachi
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M. Tanaka
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S. Endo
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M. Ishikawa
W. Ruhm
S.D. Egbert

Health Phys., 6 (2007)
pp. 689-695

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S. Endo
K. Tanaka
M. Takada
Y. Onizuma
N. Miyahara
T. Sato
K. Shizuma

Medical Phys. 34(9)(2007), 9
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pp. 3571-3578

A Microdosimetric evaluation of secondary particles in a phantom produced by carbon 290 MeV/nucleon ions at HIMAC

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M. Takada
Y. Onizuka
K. Tanaka
N. Maeda
M. Ishikawa
K. Shizuma

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Yuichiro Shin
Kohei Ichikawa
Toshiyuki 23.242es., Ishika

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A Experimental Study on Frictional Vibration in Bering Case of Centrifugal Fan	Takeo Fujii Noritoshi Nakagawa	Journal of System Design and Dynamics, 3 (2007) pp. 638-647
A Observation of Multibubble Phenomena		

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A Wear of Involute-cycloid Composite Tooth Profile Gear

Natsuhiko Seyama
Kazuteru Nagamura
Kiyotaka Ikejo
Eiichirou Tanaka
Masatoshi Yoshikawa

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Kiyotaka Ikejo
Kazuteru Nagamura
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Koji Yamamoto

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Kazuteru Nagamura
Kiyotaka Ikejo
Eiichirou Tanaka
Takamasa Hirai
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Ichiro Kamimura

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A Study on the Walking Support Machine Indoors by Assisting Whole Legs

Eiichirou Tanaka
Tadaaki Ikehara
Kazuteru Nagamura
Kiyotaka Ikejo
Takeshi Sakamoto
Yusuke Inoue
Shozo Saegusa

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Hiroshi Maekawa
Daisuke Watanabe

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Hiroshi Maekawa
Daisuke Watanabe
Hajime Takami
Kougen Ozaki

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pp. 301-306

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Yoichi Ogata
Takashi Yabe

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pp. 388-393

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Yoichi Ogata
Takashi Yabe

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Kazuhiro Ohkura
Toshiyuki Yasuda
Yuichi Kawamatsu
Yoshiyuki Matsumura
Kanji Ueda

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pp. 936-945

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Toshiyuki Yasuda
Kazuhiro Ohkura

Advances in Artificial Life, the 9th European Conference on Artificial Life, Lecture Notes in Artificial Intelligence, (2007)
pp. 325-334

A Coordinating Collective Behavior in a Multi-Robot System using Evolving Artificial Neural Networks

Masanori Goka
Kazuhiro Ohkura
Kanji Ueda

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A Grid Task Scheduling Algorithm R3Q for Evolution Strategies

Yoshiyuki Matsumura
Kazuhiro Ohkura
Yoshiki Matsuura
Masashi Oiso
Noriyuki Fujimoto
Kenichi Hagihara

IEEE Congress on Evolutionary Computation, (2007)
pp. 1756-1763

A Job Shop Scheduling with Capacity Adjustment

Toru Eguchi
Mitsunobu Yoda
Takeshi Murayama
Fuminori Oba

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Izumi Masubuchi

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pp. 1329-1333

	A o N	o n o No Y
Aí í Output feedback controller synthesis for descriptor systems satisfying closed-loop dissipativity	Izumi Masubuchi	Automatica, 2 (2007) pp. 339-345
Aí í í A change-of-variables method for output feedback synthesis of descriptor systems based on realization-independent LMIs	Izumi Masubuchi	Transactions of SICE, 12 (2007) pp. 1151-1155
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Aí í Design of multivariable H_{∞} PID controller using frequency response	Masami Saeki Katsufumi Kashiwagi Nobutaka Wada	16th IEEE International Conference on Control Applications, (2007) pp. 1565-1570
Aí í Properties of stabilizing PID gain set in parameter space	Masami Saeki	IEEE Transactions on Automatic Control, 9 (2007) pp. 1710-1715
Aí í Path-following Control of a Mobile Robot in the Presence of Actuator Constraints	Nobutaka Wada Shingo Tagami Masami Saeki	Advanced Robotics, í, 5-6 (2007) pp. 645-659
Aí í A Scheduling Algorithm for Constrained Control Systems: An Approach Based on a Parameter Dependent Lyapunov Function	Nobutaka Wada Masami Saeki	Proc. of American Control Conference, (2007)
Aí í, Output Regulation in the Presence of Actuator Constraints: A Gain-Scheduled Control Approach	Nobutaka Wada Yoshiya Matsuo Masami Saeki	Proc. of IEEE International Conference on Mechatronics, (2007)
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Aí í Effect of Strain Rate and Temperature on Yield Locus for AZ31 Magnesium Alloy Sheet	Tetsuo Naka Masanori Hayakashi Yasuhide Nakayama Takeshi Uemori Masahide Kohzu Kenji Higashi Fusahito Yoshida	Key Engineering Materials, í (2007) pp. 119-124
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Aí í Reduction of Stages in Multi-Stage Metal Forming Process Based on Numerical Optimization in Conjunction with FE Simulation	Ryutarō Hino Akihiko Sasaki Fusahito Yoshida Vassili V. Toropov	Key Engineering Materials, í (2007) pp. 767-772
Aí Modeling of Large-Strain Cyclic Plasticity for Accurate Springback Simulation	F. Yoshida T. Uemori S. Abe	Key Engineering Materials, í (2007) pp. 811-816
Aí Plastic Deformation Behavior of High Strength Steel Sheet under Non-proportional Loading and Its Modeling	T. Uemori T. Kuramitsu R. Hino T. Naka F. Yoshida	Key Engineering Materials, í (2007) pp. 895-900
Aí Effects of Loading Speed and Shear Prestrain on Adhesive Fatigue Strength in Single-Lap Joint	Michihiro Takiguchi Fusahito Yoshida	Key Engineering Materials, í (2007) pp. 1479-1484
Aí Viscoplastic Behavior of Acrylic Adhesive in Butt-Joint at Various Temperatures under Complex Loading : Experimentation and Modelling	Tetsuya Yoshida Takayuki Oishi Michihiro Takiguchi Fusahito Yoshida	Key Engineering Materials, í (2007) pp. 1485-1490
Aí In Situ AFM Observation of Mechanical Behavior of Beta Titanium Alloy in Nano-Indentation Test	X.T. Wang H.Y. Fang F. Yoshida	Materials Science Forum, (2007) pp. 1389-1392

Aí Effect of Texture of AZ31 Magnesium A11oy Sheet on Mechanical Properties and Formability at High Strain Rate

A o N í
Masahide Kohzu
Tomoya Hironaka
Shota Nakatsuka
Naobumi Saito
Fusahito Yoshida
Tetsuo Naka
Haruo Okahara
Kenji Higashi

o n í o No Y
Materials Transactions, , 4
(2007)
pp. 764-768

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Hiroshi Hamasaki
Ryutaro Hino
Fusahito Yoshida
Vassili V. Toropov

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Ryutaro Hino
Akihiko Sasaki
Fusahito Yoshida
Vassili V. Toropov

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M. Shigaki
R. Hino
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V.V. Toropov
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R. Hino
K. Yilamu
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T. Naka
T. Uemori
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K. Higashi
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pp. 125

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Y. Motoyashiki
A. Bruckner-foit
A. Sugeta

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(2007)
pp. 556-564

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A. Sugeta
Y. Uematsu

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K.Nakasa
M.Kato
B.Zhang
N.Akitake

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M.Kato
J.Zheng

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pp. 669-672

B. Artificial Complex Systems Engineering

Bí An application of particle swarm optimization to bilevel facility location problems with quality of facilities

A o N í
Takeshi Uno
Hideki Katagiri
Kosuke Kato

o n í o No Y
Asia Pacific Management Review, í , 4 (2007)
pp. 183-189

B Particle swarm optimization for jump height maximization of a serial link robot

Takeshi Matsui
Masatoshi Sakawa
Takeshi Uno
Kosuke Kato
Mitsuru Higashimori
Makoto Kaneko

Journal of Advanced Computational Informatics, í í , 8 (2007)
pp. 956-963

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Idaku Ishii
Kenkichi Yamamoto
Kensuke Doi
Tokuo Tsuji

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Yuichi Kurita
Yoshichika Iida
Roland Kempf
Makoto Kaneko
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Maiko Kimura
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B Contact Based Stiffness Sensing of Human Eye

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H. Harada

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H. Imachi
Y. Yashiro
A. Ohashi
H. Harada

T. Kindaichi
I. Tsushima
Y. Ogasawara
M. Shimokawa
N. Ozaki
H. Satoh
S. Okabe

I. Tsushima
Y. Ogasawara
T. Kindaichi
H. Satoh
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T. Okubo
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A. Ohashi
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A Coupled Eulerian-Lagrangian Method for Free Surface Problems

High Performance LES on Earth Simulator: A Challenge for Vehicle Aerodynamics

LARGE-EDDY SIMULATION OF A GAS-TURBINE COMBUSTOR USING 2-SCALAR FLAMELET APPROACH

Numerical prediction of the combustion flow in a premixed combustor using LES and a Two-scalar flamelet approach

CURRENT STATUS ON HIGH PERFORMANCE COMPUTING FOR VEHICLE AERODYNAMICS USING LARGE EDDY SIMULATION

High Performance Computing for the Assessment of Unsteady Aerodynamic Forces on Vehicles Using Large Eddy Simulation

Large Eddy Simulation of Unsteady Flow around a Formula Car on Earth Simulator

Large Eddy Simulation on the Underbody Flow of the Vehicle with Semi-Complex Underbody Configuration

COMPUTATIONAL VISUALIZATION OF UNSTEADY FLOW AROUND VEHICLES USING HIGH PERFORMANCE COMPUTING

Image features and wave height measurements by satellite SAR data around the coral reef

Estimation of anoxic water distribution in Hiroshima Bay using satellite thermal image

Aono
Hironori Yasukawa
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 T. Ezaki
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H.J. Mattausch
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M. Miyake
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