

S. COLUCCI, T. DINOIA, E. DI SCIASCIO, M. MONGIELLO, PISCITELLI G. F.M. DONINI

Semantic-based Approach to Task Assignment of Individual Profiles

JOURNAL OF UNIVERSAL COMPUTER SCIENCE vol. 10 (6), pp. 723-730 - 0948-6968, , , 2004

G. CALÒ, A. D'ORAZIO, M. DE SARIO, L. MESCIA, V. PETRUZZELLI F. PRUDENZANO

Design of Cladding Pumped Microstructured Fiber Amplifier

Optical Materials, 8, pp.1243-1246, 4769/Sc., vol.2, 2006

M.BOZZETTI, A.D'ORAZIO, M. DE SARIO, V.PETRUZZELLI, F.PRUDENZANO C.GRISORIO, A.ROTUNNO

Electromagnetic band gap phased array antenna controlled by a piezoelectric transducer

Electronics Letters, pp.1028-1030 , 1772/Sc., Vol.39, no.14, 2003

A. D'ORAZIO, M. DE SARIO, L.MESCIA, V. PETRUZZELLI, F. PRUDENZANO, A.P.CARICATO, G.LEGGIERI, M. MARTINO

Design and fabrication of praseodymium doped optical waveguides

Optical Engineering, pp.765-772, 4625/Sc., vol.42 n.3, 2003

A. D'ORAZIO, M. DE SARIO, L.MESCIA, V. PETRUZZELLI, F. PRUDENZANO A.CHIASERA, M.MONTAGNA, C. TOSELLO, M.FERRARI

Design of Er³⁺ doped SiO₂-TiO₂ planar waveguide amplifier

Journal of Non-crystalline Solids, pp. 278-283, 3580/Sc., vol. 322, 2003

M.BOZZETTI, G.CALO', M. DE SARIO, A.D'ORAZIO, V.PETRUZZELLI N.DIAFERIA, C.BONAVENTURA, F. PRUDENZANO

Mode-stirred chamber for cereal disinfestation

Materials Research Innovations, pp.17-22 , 4139/Sc., vol.8, n.1, 2004

M. Sylos Labini, A. Covitti, G. Delvecchio, F. Neri

A "Quasi-Genetic" Algorithm for Searching for the Dangerous Areas Generated by a Grounding System

COMPEL, 1406, 3, 2004

M. Dotoli, M.P. Fanti

A Coloured Petri Net Model for Automated Storage and Retrieval Systems Serviced by Rail-Guided Vehicles: a Control Perspective

International Journal of Computer Integrated Manufacturing, 2705, Mar-May, 2005

Luigi Alfredo Grieco,

Saverio Mascolo

A Congestion Control Algorithm for the Deep Space Internet

Int. Journal on Space Communications,
special issue, , 5632/Sc., Volume 30,

D. Naso, B. Turchiano

A coordination strategy for distributed multi-agent manufacturing systems

International Journal of Production Research, 2819, 42(12), 2004

G. Acciani, E. Chiarantoni, G. Fornarelli, S. Vergura
A Feature Extraction Unsupervised Neural Network for an Environmental Data Set
Neural Networks, Ed. Elsevier Science, 3626, 3,4, 2003

G. Acciani, E. Chiarantoni, G. Fornarelli
A Neural Network Approach to Study O3 and PM10 Concentration in Environmental Pollution
Lecture Notes in Computer Science, Springer Publishers, Berlin Heidelberg, , pp. 913-922 ISSN 0302-9743, 4124, vol. LNCS 4132, 2006

A.D'ORAZIO, M. DE SARIO, V.PETRUZZELLI, F.PRUDENZANO
A photonic band gap filter for wavelength division multiplexer
Optics Express, pp.230-239, 4626/Sc., vol.11, n.3, 2003

M. Dotoli, M.P. Fanti, C. Meloni
A Signal Timing Plan Formulation for Urban Traffic Control
Control Engineering Practice , 1498, Nov, 2006

F. Adamo, F. Attivissimo, N. Giaquinto, A. Trotta
A/D Converters Nonlinearity Measurement and Correction by Frequency Analysis and Dither
IEEE Transactions on Instrumentation and Measurement, 2519/Sc., aug., 2003

V.PETRUZZELLI
Accurate model of InxGa1-xAsyP1-y/InP active waveguides for optimal design of switches
International Journal of Numerical Modelling: Electronic Networks, devices and fields, Int. J. Numer.:105-125, 2719/Sc., 16, 2003

Luigi Alfredo Grieco, Saverio Mascolo
Adaptive Rate Control for streaming flows over the Internet
Multimedia Systems Journal, 4473/Sc., Volume 9,
Number 6,
page 517--532, Jun 2004

A. D'ORAZIO, M. DE SARIO, V. PETRUZZELLI, F. PRUDENZANO
All-Optical Amplification via the Interaction Among Guided And Leaky Propagation Modes in Lithium Niobate Waveguides Exploiting the Cascaded Second Order Nonlinearity
Optical and Quantum Electronics, pp. 47-68, 4632/Sc., vol.35, n.1, 2003

Corsi F., Marzocca C.
An Approach to the Analysis of the CMOS Differential Stage With Active Load and Single-Ended Output.
IEEE TRANSACTIONS ON EDUCATION, 2505/Sc, vol. 46, n.3, 2003

A. DELL'AQUILA, M. LISERRE, V. G. MONOPOLI, P. ROTONDO
An Energy-Based Control for an n-H-Bridges Multilevel Active Rectifier
IEEE Transactions on Industrial Electronics, 2516, , 2005

F. CUPERTINO, E. DE VANNA, L. SALVATORE, S. STASI

Analysis techniques for detection of IM broken rotor bars after supply disconnection

IEEE Transactions on Industry Applications, 2515, , 2004

Marina Mongiello, Rodolfo Totaro

Automatic Ontology Mapping for Agent Communication in an e-Commerce Environment

LECTURE NOTES IN COMPUTER SCIENCE. vol. 3590, pp. 21-30, , , 2005

A. D'ORAZIO, M. DE SARIO, V. PETRUZZELLI, F. PRUDENZANO

Bidirectional Beam Propagation Method based on the Method of Lines for the Analysis of Photonic Band Gap Structures

Optical and Quantum Electronics, pp.629-640, 4632/Sc., vol.35, n.6, 2003

M. Dotoli, M.P. Fanti

Coloured Timed Petri Net Model for Real Time Control of AGV Systems

International Journal of Production Research, 2819, May, 2004

V. Giordano, D. Naso, B. Turchiano

Combining genetic algorithms and Lyapunov-based adaptation for online design of fuzzy controllers

IEEE Transactions on Systems, Man, and Cybernetics – Part B: Cybernetics, 2545, 36(5), 2006

G. Acciani, G. Fornarelli, L. Litorri

Comparing Fuzzy Data Sets by Means of Graph Matching Technique

Lecture Notes in Computer Science., 4124, , 2003

V. Amoruso, F. Lattarulo

Corona Performances of a Sagged Small-Scale HVDC Line

J. of Electrostatics, Vol. 63, Issue 6-10, Elsevier, pp 723-728 ISSN: 0304-3886, 3298, 6, 2005

M.P. Fanti

Deadlock Resolution Strategy for Automated Manufacturing Systems Including Conjunctive Resource Service

IEEE Trans. on Systems, Man and Cybernetics. Part A: Systems and Humans, 2544, Jan, 2004

S. Mascolo

Dead-time and Feed-forward Disturbance Compensation for Congestion Control in Data Networks

International Journal on System Science, 2845, Aug-Sep, 2003

A. Giorgio, A.G. Perri, M.N. Armenise

Design of Guided – Wave Photonic Band-Gap Devices by using the Bloch-Floquet Theory

OPTICAL ENGINEERING , 4763/Sc, vol. 42, n.4, 2003

V. Amoruso, F. Lattarulo

Deutsch Hypothesis revisited

J. of Electrostatics, Vol. 63, Issue 6-10, Elsevier, pp 717-721 ISSN: 0304-3886, 3298, 6, 2005

Rizzi M., Castagnolo B

Efficiency of simulation tools in designing Sigma-Delta ADC

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS , 206/Sc, vol. 60, n.4, 2006

Luigi Alfredo Grieco, Saverio Mascolo

End-to-End Bandwidth Estimation for Congestion Control in Packet Networks

LNCS, International Workshop on QoS in Multiservice IP Networks, QoS-IP 2003, 4124/Sc., 2601, Feb. 2003

Gennaro Boggia, Pietro Camarda, Luigi Alfredo Grieco, Saverio Mascolo

Energy Efficient Feedback-based Scheduler for Delay Guarantees in IEEE 802.11e Networks

Computer Communications, 1424/Sc., Volume 29,

Number 13-14,

page 2680-2692, Aug. 21 2006

D. BIALLO, A. D'ORAZIO, V. PETRUZZELLI

Enhanced light extraction in Er³⁺ doped SiO₂-TiO₂ microcavity embedded in one-dimensional photonic crystal

Journal Non-Crystalline Solids, pp. 3823-3828, 3679/Sc., Vol. 352, 2006

Saverio Mascolo, Luigi Alfredo Grieco, Eugenio Di Sciascio

ETERCA: an end-to-end rate control algorithm for packet switching networks

Journal of High Speed Networks, 3445/Sc., Volume 13,

Number 1,

page 59--85, 2004

Rizzi M., Castagnolo B

Evaluation of Technology Options for Substrate noise reduction

JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS , 3174/Sc, vol. 14, n.1, 2005

Gennaro Boggia, Pietro Camarda, Luigi Alfredo Grieco, Saverio Mascolo

Feedback-based bandwidth allocation with call admission control for providing delay guarantees in IEEE 802.11e networks

Computer Communications, 1424/Sc., Volume 28,

Number 3,

page 325--337 , Feb. 2005

Marina Mongiello

Finite-state verification of the ebXML protocol

Electronic Commerce Research and Applications Volume 5, Issue 2 Pages 147-169 2006-1567-4223, , , 2006

M. Dotoli

Fuzzy Sliding Mode Control with Piecewise Linear Switching Manifold

Asian Journal of Control, 673, Dec, 2003

G. Acciani, G. Fornarelli, L. Litorri

Graph Adjacency Matrix Associated with a Data Partition

Lecture Notes in Computer Science., 4124, , 2004

M.BOZZETTI, A.D'ORAZIO, M. DE SARIO, V.PETRUZZELLI, F.PRUDENZANO, F.RENNA G.COSTANTINI,

Grounded dielectric slab finite size effect on the patch antenna radiation patterns

Electronics Letters, pp.488-490 , 1772/Sc., vol.39, n.6, 2003

Pietro Guccione

Interferometry with ENVISAT ASAR ScanSAR

IEEE Geoscience and Remote Sensing Letters, presente nella

Master Journal List dell'ISI, Volume 3,

n. 3,

pp. 377 - 381 , July 2006

Luigi Alfredo Grieco, Saverio Mascolo

Intraprotocol Fairness and Interprotocol Friendliness of the TFRC Congestion Control Algorithm

Electronics Letters, 1807/Sc., Volume 40,

Number 5,

page 354--355, Mar 2004

Pietro Camarda, Domenico Striccoli

Live Admission Control for Video Streaming

LNCS, International Workshop on QoS in Multiservice IP Networks, QoS-IP 2003, 4124/Sc., 2601, Feb. 2003

Luigi Alfredo Grieco, Saverio Mascolo

Mathematical Analysis of Westwood+ TCP Congestion Control

IEE Proceedings Control Theory and Applications, 2440/Sc., Volume 152

Number 1

page 35--42 , Jan 2005

C. Ciminelli, F. Peluso, M.N. Armenise

Modeling and Design of 2D Guided-Wave Photonic Band Gap Devices

JOURNAL OF LIGHTWAVE TECHNOLOGY , 3527/Sc., vol. 23, n.2, 2005

S. Mascolo

Modeling the Internet congestion control using a Smith controller with input shaping

Control Engineering Practice, 1498, Apr, 2006

Rizzi M., Castagnolo B

Modelling and simulation of a large strictly nonblocking fault-tolerant network

JOURNAL OF HIGH SPEED NETWORKS, 3445/Sc, vol. 15, n. 4, 2006

A. Giorgio, A.G. Perri

Modelling of Photonic Band-Gap Devices by the Leaky Mode Propagation Method

INTERNATIONAL JOURNAL OF NUMERICAL MODELLING-ELECTRONIC NETWORKS DEVICES AND FIELDS, 2793/Sc, vol 16, n.3, 2003

A. Giorgio, A.G. Perri

Modelling PBG Devices to DWDM Filters Design

INTERNATIONAL JOURNAL OF NUMERICAL MODELLING-ELECTRONIC NETWORKS DEVICES AND FIELDS, 2793/Sc, vol. 17, n.2, 2004

D. Naso, B. Turchiano

Multicriteria Meta-Heuristics for AGV Dispatching Control Based on Computational Intelligence

IEEE Transactions on System, Man, and Cybernetics- part B: Cybernetics, 2545, 35(2), 2005

Rizzi M, Antonicelli V., Castagnolo B.

New model for a GaAs x-ray pixel detector

IEE PROCEEDINGS-CIRCUITS DEVICES AND SYSTEMS, 206/Sc, vol. 150, n. 3, 2003

A. DELL'AQUILA, M. MARINELLI, V. G. MONOPOLI, P. ZANCHETTA

New power-quality assessment criteria for supply systems under unbalanced and nonsinusoidal conditions

IEEE Transactions on Power Delivery, 2535, , 2004

A. Giorgio, A.G. Perri

On Sensitivity Analysis based Optimization of the Production Yields for MMIC in Space Applications

JOURNAL OF ENGINEERING DESIGN, 3309/Sc, vol. 14, n.1, 2003

F. Cupertino, E. Mininno, D. Naso, B. Turchiano, L. Salvatore

On-line genetic design of anti-windup unstructured controllers for electric drives with variable load

IEEE Transactions on Evolutionary Computation, 2511, 8(4), 2004

F. Cupertino, V. Giordano , D. Naso, B. Turchiano, and L. Salvatore

On-line genetic design of fuzzy controllers for DC drives with variable load

Electronics Letters, 1807, 39(5), 2003

A.D'ORAZIO, M. DE SARIO, T.GRAMEGNA, V.PETRUZZELLI, F.PRUDENZANO

Optimization of tipping curve calibration of a microwave radiometer

Electronics Letters, pp.905-906, 1772/Sc., vol.39, n.12, 2003

Luigi Alfredo Grieco, Saverio Mascolo

Performance evaluation and comparison of Westwood+, New Reno and Vegas TCP congestion control

Computer Communication Review, 1425/Sc., Volume 34,

Number 2,

page 25--38, Apr. 2004

M. Dicorato, A. L'Abbate, A. Minoia, M. Trovato

Pricing criterions in presence of intra- and inter-zonal constraints

Electric Power Systems Research, 1794, vol. 66, Is. 2, 2003

G.ACCIANI, A.D'ORAZIO, V.DELMEDICO, T.GRAMEGNA, M. DE SARIO, V.PETRUZZELLI, F.PRUDENZANO

Radiometric Profiling of temperature using an algorithm based on Neural networks

Electronics Letters, pp.1261-1263, 1807/Sc., vol.39, no.17, 2003

V. Amoruso, F. Lattarulo

Remarks on lightning electromagnetics

Engineering Analysis with Boundary Elements, Elsevier , pp 375-387 ISSN: 0955-7997, 1842, vol. 27,, 2003

F. Adamo, F. Attivissimo, G. Cavone, N. Giaquinto

SCADA/HMI Systems in Advanced Educational Courses

IEEE Transactions on Instrumentation and Measurement, 2519/Sc., oct., 2006

C. Meloni, D. Naso, B. Turchiano

Setup coordination between two stages of a production system: a multi-objective evolutionary approach

Annals of Operations Research, 453, Oct, 2006

D. Naso, B. Turchiano, C. Meloni

Single and multi-objective evolutionary algorithms for the coordination of serial manufacturing operations

Journal of Intelligent Manufacturing , 3495, 17(2), 2006

E. Caruso, M. Dicorato, A. Minoia, M. Trovato

Supplier Risk Analysis in the Day-ahead Electricity Market

IEE Proceedings on Generation, Transmission and Distribution, 2442, vol. 153, n. 3, 2006

M.BOZZETTI, A.D'ORAZIO, M. DE SARIO, V.PETRUZZELLI, F.PRUDENZANO, F.RENNA

Tapered photonic bandgap microstrip lowpass filters: design and realization

IEE Proceedings Microwaves, Antennas and Propagation, pp.459-462., 2384/Sc., vol.150, n.6, 2003

D. De Venuto

Testing High Resolution SD ADC's by using the Quantizer Input as Test Access

MICROELECTRONICS JOURNAL , 4372/Sc, vol. 36, n. 9, 2005

R. Diana, A. Giorgio, A.G. Perri

Theoretical Characterization of Multilayer Photonic Crystals having a 2D periodicity

INTERNATIONAL JOURNAL OF NUMERICAL MODELLING-ELECTRONIC NETWORKS DEVICES AND FIELDS, 2793/Sc, vol. 18, n. 5, 2005

S. Bruno, M. La Scala

Unified Power Flow Controllers for Security Constrained Transmission Management

IEEE Transactions on Power Systems, 2537, Vol. 19, No.1, 2004

M. Dotoli, M.P. Fanti

Urban Traffic Network Model via Coloured Timed Petri Nets

Control Engineering Practice, 1498, Oct, 2006

F. Attivissimo, N. Giaquinto, M. Savino

Worst-case Uncertainty Measurement in ADC-based Instruments

Computer Standard & Interfaces, 1459/Sc., sept., 2006

F. CUPERTINO, G. L. CASCELLA, L. SALVATORE, N. SALVATORE

Dynamic Performance Comparison of IRFO and SFO-SM Controlled Drives in Field-Weakening Region using Variable-Saturation Regulators

EPE Journal, , vol. 16, no. 3, 2006

S. Mascolo, L. A. Grieco, P. Camarda, G. Piscitelli, R. Ferorelli

Performance evaluation of Westwood+ TCP congestion control

Performance Evaluation , 4930/Sc., Volume 55,

Number 1--2,

page 93--111, Jan 2004

F. CUPERTINO, G.L. CASCELLA, L.SALVATORE, N. SALVATORE

A Simple Stator Flux Oriented Induction Motor Control

EPE Journal, , vol. 15 no. 3, 2005

M. Dotoli, B. Turchiano

Piecewise Linear Fuzzy Sliding Mode Control

Lecture Notes in Computer Science , 4124, Vol.2955, 2006

Avitabile, G.; Lofu, N. , Capodiferro, M.; Carella, L., Cannone, F.;

Coarse-fine, wideband distributed voltage controlled oscillator for wireless applications

ELECTRONICS LETTERS , 1807/Sc, vol. 42, n.5, 2006

A.D'ORAZIO, M.DE SARIO, V.MARROCCO, V.PETRUZZELLI, T.STOMEIO, A.SALHI, A.PASSASEO, R.CINGOLANI, M. DE VITTORIO, F.PRUDENZANO V.ERRICO

Design and fabrication of active and passive photonic crystal resonators

Microelectronic Engineering, pp. 1823-1825, 4280/Sc., vol.83, 2006

Gennaro Boggia, Pietro Camarda, Luigi Alfredo Grieco, Saverio Mascolo, Marcello Nacci

Performance Evaluation of a Feedback Based Dynamic Scheduler for 802.11e MAC

LNCS, International Workshop on QoS in Multiservice IP Networks, QoS-IP 2005 -, 4124/Sc., 3375, Feb. 2005

Gennaro Boggia, Pietro Camarda, Luigi Alfredo Grieco, Saverio Mascolo, Fabio Favia

Providing Delay Guarantees and Power Saving in IEEE 802.11e Networks

LNCS, Conf. on Wired/Wireless Internet Communications, WWIC 2005, 4124/Sc., 3510, May 2005

S. COLUCCI, T. DI NOIA, DI SCIASCIO E., M. MONGIELLO, F.M. DONINI, M. MOTTOLA

A formal approach to ontology-based semantic match of skills descriptions.

JOURNAL OF UNIVERSAL COMPUTER SCIENCE (on line). vol. 12-9, pp. 1437-1454 - 0948-6968, , , 2003

S. COLUCCI, T. DI NOIA, DI SCIASCIO E., M. MONGIELLO, F.M. DONINI, M. MOTTOLA

Finding skills through Ranked Semantic Match of Descriptions.

JOURNAL OF UNIVERSAL COMPUTER SCIENCE (on line). pp. 168-173 - 0948-6968, , , 2003

A. D'ORAZIO, M. DE SARIO, L. MESCIA, V. PETRUZZELLI F. PRUDENZANO, G. Carlone

Design of double-clad erbium doped holey fibre amplifier

Journal of Non-Crystalline Solids, pp.1840-1845, 3679/Sc., vol.351, n.21-23, 2005

Gennaro Boggia, Pietro Camarda, Luigi Alfredo Grieco, Saverio Mascolo, Claudio Di Zanni

A Dynamic Bandwidth Allocation Algorithm for WLANs with HCF Access Method

LNCS, Fourth COST263 Int. Workshop on Quality of Future Internet Services, QoFIS'03, 4124/Sc., 2811, Oct. 2003

A.D'ORAZIO, M. DE SARIO, V.PETRUZZELLI, F.PRUDENZANO V. Ingravallo

Infiltrated Liquid Crystal Photonic Bandgap Devices for Switching and Tunable Filtering

Fiber and Integrated Optics, pp.161-172, 2034/Sc., vol.22, n.2, 2003

G. Delvecchio, E. Di Sciascio, F. Neri, M. Sylos Labini S. Grassi

Some Geometrical and Evolutionary Procedures for Optimizing the Calculation Times of 3-D Current Fields by the Finite Element Method

COMPEL, 1406, vol. 24, Issue 3, 2005

Simona Colucci, Tommaso Di Noia, Eugenio Di Sciascio, , Azzurra Ragone, Francesco M. Donini, Raffaele Rizzi

Explanation Services and Request Refinement in User Friendly Semantic-enabled B2C E-Marketplaces

Lecture Notes in Computer science Volume 4055, page 13--27 - 2006 - 0302-9743, , 1, 2006

A.D'ORAZIO, M. DE SARIO, V.MARROCCO, V.PETRUZZELLI T.STOMEIO, M.T.TODARO, G.VISIMBERGA, V.VITALE, A. PASSASEO, R.CINGOLANI, M.DE VITTORIO, S.CABRINI, E.DI FABRIZIO, F.PRUDENZANO

Design of two-dimensional photonic crystal mirrors for InGaAs QWs laser applications

Microelectronic Engineering, pp.377-382, 4370/Sc., 73-74, 2004

Corsi F., De Venuto D, Marzocca C., Caselle M. Posa C. et al.

ALICE: Physics performance report, volume I

JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS , 3781/Sc, vol. 30, n.11, 2004

C. Marzocca, A. Tauro, A. Dragone, F. Corsi, L. Stebel, M. Tommasi, S. Carrato, G. Cautero, M. Petasecca, G. Pignatelli, G. Dalla Betta, A. Fazzi, N. Zorzi

Development of a Prototype Detector for Use in Scintimammography Imaging

MICROELECTRONICS JOURNAL, 4372/Sc, vol. 37, n.12, 2006

Pietro Camarda, Marcello Castellano, Giacomo Piscitelli, Domenico Striccoli Giuseppe Tomasicchio
A Dynamic Bandwidth Resource Allocation based on Neural Networks in EuroSkyWay Multimedia Satellite System
International Journal of Communication Systems (IJCS), 2702/Sc., Volume 16,
Number 1, Feb. 2003

S. Colucci, TOMMASO DI NOIA, DI SCIASCIO E., M. Mongiello Francesco M. Donini,
Concept Abduction and Contraction for Semantic-based Discovery of Matches and Negotiation Spaces in an E-Marketplace
Electronic Commerce Research and Applications vol. 4(4), pp. 345-361, , , 2005

Simona Colucci, Tommaso Di Noia, Eugenio Di Sciascio, Azzurra Ragone Francesco M. Donini,
Semantic-based automated composition of distributed learning objects for personalized e-learning
LECTURE NOTES IN COMPUTER SCIENCE. vol. 3532, pp. 633-648, , , 2005

S. Colucci, T. Di Noia, E. Di Sciascio, A. Ragone F.M. Donini,
Automated task-oriented team composition using description logics
JOURNAL OF UNIVERSAL COMPUTER SCIENCE (on line)page 229--236 - 2005 , , , 2005

S. Coppi, T. Di Noia, E. Di Sciascio, A. Pinto F.M. Donini,
Ontology-Based Natural Language Parser for E-Marketplaces
LECTURE NOTES IN COMPUTER SCIENCE. vol. 3533, pp. 279-289, , , 2005

A. D'ORAZIO, M. DE SARIO, V. PETRUZZELLI, L. MESCIA F. PRUDENZANO, C. GIASI
Design of Planar Optic Sensors for Hydrocarbon Detection
Optical and Quantum Electronics, pp. 507- 526, 4674/Sc., Vol 36, 2004

A. D'ORAZIO, M. DE SARIO, L. MESCIA, V. PETRUZZELLI F. PRUDENZANO
Design of double-clad ytterbium doped microstructured fibre laser
Applied Surfaces Sciences, pp.499-502, 573/Sc., vol.248, n.1-4, 2005

A.D'ORAZIO, M.DE SARIO, L.MESCIA, V.PETRUZZELLI F. PRUDENZANO
Refinement of Er³⁺-doped hole-assisted optical fiber amplifier
Optics Express, p.9970-9981, 4674/Sc., vol.13, n.25, 2005

D.BIALLO, A.D'ORAZIO, M.DE SARIO, V.PETRUZZELLI F. PRUDENZANO
Time Domain Analysis of Optical Amplification in Er³⁺ doped SiO₂-TiO₂ planar waveguide
Optics Express, pp.4683-4692, 4674/Sc., vol.13, n.12, 2005

E. CHIARANTONI, A. DELL'AQUILA, M. LISERRE, S. VERGURA F. BLAABJERG
Sensitivity Analysis of a LCL-Filter Based Three-Phase Active Rectifier via a "virtual circuit" approach
Journal of Circuits, Systems, and Computers, 3174, , 2004

F. NERI, G. L. CASCELLA, N. SALVATORE, G. ACCIANI A. V. KONONOVA
Prudent-Daring vs Tolerant Survivor Selection Schemes in Control Design of Electric Drives
Lectures Notes in Computer Science, 4124, , 2006

Gennaro Boggia, Pietro Camarda, Marina Mongiello, Pantaleo Luigi Mazzeo
Performance of Batching Schemes for Multimedia on Demand Services
IEEE Trans. on Multimedia, 2526/Sc., Volume 7,
Number 3,
page 920--931, Oct. 2005

G. Delvecchio, F. Neri, M. Sylos Labini C. Lofrumento,
A Fast Evolutionary-Deterministic Algorithm to Study Multimodal Current Fields Under Safety Level Constraints
COMPEL, The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, Guest Editor:
Prof. S. Wiak, Co-Editors: Proff. A. Krawczyk e X. M. Lopez-Fernandez, pp. 599-608, 2006, 1406, vol. 25, Issue 3, 2006

E. Chiarantoni, S. Vergura, G. Fornarelli T. Politi
Applying fixed point homotopy for nonlinear DAEs deriving from switching circuits
Future Generation Computer Systems by Elsevier Science B.V., 2195, 3, 2003

C. Ciminelli, F. Peluso, M.N. Armenise R.M. De La Rue
Variable Oblique Incidence for Tunability in a Two-dimensional Photonic Crystal Guided-Wave Filter
JOURNAL OF LIGHTWAVE TECHNOLOGY , 3527/Sc., vol. 24, n.1, 2006

M. Dotoli, M.P. Fanti, C. Meloni M.C. Zhou
A Multi-Level Approach for Network Design of Integrated Supply Chains
International Journal of Production Research, 2819, Oct, 2005

M. Dotoli, M.P. Fanti, C. Meloni M.C. Zhou
Design and Optimization of Integrated E-Supply Chain for Agile and Environmentally Conscious Manufacturing
IEEE Transactions on Systems Man and Cybernetics Part A, 2544, 36(1), 2006

F. Adamo, F. Attivissimo, N. Giaquinto G. Andria
An Acoustic Method for Soil Moisture Measurement
IEEE Transactions on Instrumentation and Measurement, 2519/Sc., aug., 2004

F. Adamo, F. Attivissimo, N. Giaquinto G. Andria
Linearization of A/D Converters by Dither and Chebyshev Polinomials
Measurement Journal of Imeko, 4276/Sc., jan./ feb., 2004

T. DI NOIA, DI SCIASCIO E., AND M. MONGIELLO F.M. DONINI,
A system for principled matchmaking in an electronic marketplace
INTERNATIONAL JOURNAL OF ELECTRONIC COMMERCE. vol. (8,4), pp. 9-37, , , 2004

DI SCIASCIO E., AND M. MONGIELLO, ALLEGRETTI L. F.M. DONINI,
Retrieval by spatial similarity: an algorithm and a comparative evaluation
PATTERN RECOGNITION LETTERS. vol. 25, pp. 1633-1645, , , 2004

M. Sylos Labini, A. Covitti, G. Delvecchio, C. Marzano
A Study for Optimizing the Number of Subareas in the Maxwell's Method
IEEE Transactions on Magnetics, 2522, may, 2003

M. Dicorato, A. Minoia, M. Trovato C. Cormio
A regional energy planning methodology including renewable energy sources and environmental constraints
Renewable and Sustainable Energy Reviews, 5327, n. 7, 2003

A. DELL'AQUILA, M. LISERRE, V. G. MONOPOLI C. CECATI
A passivity-based multilevel active rectifier with adaptive compensation for traction applications
IEEE Transactions on Industry Applications, 2515, , 2003

A. DELL'AQUILA, M. LISERRE, V. G. MONOPOLI C. CECATI
Design of H-bridge multilevel active rectifier for traction systems
IEEE Transactions on Industry Applications, 2515, , 2003

A. DELL'AQUILA, A. LECCI, M. LISERRE C. CECATI
Implementation Issues of a Fuzzy-Logic-Based Three-Phase Active Rectifier Employing only Voltage Sensors
IEEE Transactions on Industrial Electronics, 2516, , 2005

Gennaro Boggia, Pietro Camarda, Vito G. Squeo Sandro Petrizzelli
A New Header Compression Scheme for TCP Streams in IP Based Wireless Networks
European Transactions on Telecommunications, 2011/Sc., Volume 15,
Number 1,
page 15--32, Jan.--Feb. 2004

F. Attivissimo, N. Giaquinto, M. Savino A. M. L. Lanzolla
Effects of Midpoint linearization and nonsubtractive dithering in A/D converters
Measurement Journal of Imeko, 4276/Sc., oct., 2006

S. Bruno, M. De Benedictis, M. La Scala I. Wangenstein
Demand elasticity increase for reducing social welfare losses due to transfer capacity restrictions: a test case on Italian cross-border imports
Electric Power Systems Research, 1794, Vol. 76, No. 6-7, 2006

Gennaro Boggia, Pietro Camarda, Nicola Di Fonzo
Traffic and Mobility Analysis of Hierarchical Cellular Communication Networks
IEEE Trans. on Vehicular Technology, 2548/Sc., Volume 52,
Number 4,
page 931--946, Jul. 2003

Gennaro Boggia,
Pietro Camarda, Alessandro Tettei

Teletraffic analysis of integrated satellite-terrestrial cellular networks using DS/CDMA

Int. Journal on Space Communications,

D. Naso, B. Turchiano P. Pantaleo

A Fuzzy-Logic Based Optical Sensor for On-line Weld Defect-Detection

IEEE Transactions on Industrial Informatics, , Vol. 1 n. 4, Nov. 2005

G. Acciani, G. Fornarelli G. Brunetti,

Application of Neural Networks in Optical Inspection and Classification of Solder Joints in Surface Mount Technology

IEEE Transactions on Industrial Informatics, August 2006, pp. 200-209 ISSN 1551-3203, , vol. 2, No. 3, 2006

A. Giorgio, A.G. Perri D. Pasqua,

Multiple Defect Characterization in Finite-Size Waveguiding Photonic Band-Gap Structure

IEEE JOURNAL OF QUANTUM ELECTRONICS , 2468/Sc, vol. 32, n.12, 2003

V. Bevilacqua G. Mastronardi M. Marinelli

A Neural Network Approach to Medical Image Segmentation and Three-Dimensional Reconstruction

ICIC 2006, LNCS 4113 (Lecture Notes on Computer Sciences) ©Springer-Verlag Berlin Heidelberg, Eds.: D.-S. Huang, K. Li, and G.W. Irwin, 4124, , 2006

V. Bevilacqua G. Mastronardi G. Piscopo

SCIA - Evolutionary Approach to Inverse Planning in Coplanar Radiotherapy

WILF 2003, LNAI (Lecture Notes on Artificial Intelligence) ©Springer-Verlag Berlin Heidelberg, , , 2003

DI SCIASCIO E., M. MONGIELLO F.M. DONINI

A Logic for SVG Documents Query and Retrieval

MULTIMEDIA TOOLS AND APPLICATIONS. vol. 24 (2), pp. 125-153, , , 2004

T. DI NOIA, DI SCIASCIO E., F.M. DONINI

Extending Semantic-Based Matchmaking via Concept Abduction and Contraction

LECTURE NOTES IN COMPUTER SCIENCE. vol. 3257, pp. 307-320, 4124/Sc., , 2004

M. LISERRE, A. DELL'AQUILA F. BLAABJERG

Genetic algorithm-based design of the active damping for an LCL-filter three-phase active rectifier

IEEE Transactions on Power Electronics, 2536, , 2004

M. LISERRE, A. DELL'AQUILA F. BLAABJERG

Step-by-step design procedure for a grid-connected three-phase PWM Voltage Source Converter

International Journal of Electronics, 2720, , 2004

A. DELL'AQUILA, M. LISERRE C. CECATI

A novel three-phase single-stage distributed power inverter

IEEE Transactions on Power Electronics, 2536, , 2004

Pietro Guccione, Ciro Cafforio Andrea Monti Guarnieri

Doppler centroid estimation for ScanSAR data

IEEE Transaction on Geoscience and Remote Sensing, 2513/Sc., Volume 42,

n. 1,

pp. 14 - 23 , January 2004

F. Attivissimo, N. Giaquinto I. Kale

INL Reconstruction of A/D Converters via Parametric Spectral Estimation

IEEE Transactions on Instrumentation and Measurement, 2519/Sc., aug., 2004

V. Bevilacqua G. Mastronardi F. Menolascina

Genetic Algorithm and Neural Network Based Classification in Microarray Data Analysis with Biological Validity Assessment

ICIC 2006, LNBI 4115 (Lecture Notes on Computer Bioinformatics) ©Springer-Verlag Berlin Heidelberg, Eds.: D.-S. Huang,

K. Li, and G.W. Irwin, , , 2006

V.M.N. Passaro, F. Dell'Olio F. De Leonardis

Electromagnetic field photonic sensors

PROGRESS IN QUANTUM ELECTRONICS, 5192/Sc., vol 30, n. 2/3, 2006

V.M.N. Passaro, F. Magno A. Tsarev

Investigation of thermo-optic effect and multi-reflector tunable filter/multiplexer in SOI waveguides

OPTICS EXPRESS, 4764/Sc., vol. 13, n. 9, 2005

V.M.N. Passaro, F. Magno F. De Leonardis

Optimization of Bragg reflectors in AlGaAs/GaAs VCSELs

LASER PHYSICS LETTERS, 4116/Sc., vol 2, n.5, 2005

Eugenio Di Sciascio, Marina Mongiello, Rodolfo Totaro, Francesco M. Donini, Daniela Castelluccia

Design verification of web applications using symbolic model checking

LECTURE NOTES IN COMPUTER SCIENCE. vol. 3579, pp. 69-74, , , 2005

, A.D'ORAZIO, M.DE SARIO, V.PETRUZZELLI F. PRUDENZANO, L.ALFANO

A continuous varying impedance passband microstrip filter exploiting a butterfly wing shape

Journal of Electromagnetic Waves and Application, pp.1145-1156, 3290/Sc., vol.19, n.9,, 2005

V.M.N. Passaro, C. Ciminelli, M.N. Armenise I. Savova, B. Jordanov, P. Kircheva, I. Savatinova, B. Pantchev

Optical and Structural Characterization of Z-cut LiNbO3 Optical Waveguides Formed in a Mixed Proton Source

JOURNAL OF LIGHTWAVE TECHNOLOGY , 3527/Sc., vol 22, n.3, 2004

A. Minoia, M. Dicorato, M. Trovato D. Ernst, M. Ilic

Reference Transmission Network: a Game Theory Approach

IEEE Transactions on Power Systems, 2537, vol. 21, is. 1, 2006

F. Neri, G. Delvecchio, M. Sylos Labini A.V. Kononova, A.V. Uglanov

A Hierarchical Evolutionary Algorithm with Noisy Fitness in Structural Optimization Problems

Lecture Notes in Computer Science., 4124, vol. 3449, 2005

A.D'ORAZIO, V.MARROCCO, D. De Ceglia T.STOMEIO, R.BERGAMO, R.CINGOLANI, M.DE VITTORIO,

Silica glass bend waveguide assisted by two-dimensional photonic crystals

Optical and Quantum Electronics, pp.229-239, 4770/Sc., vol.37, issue 1-3, 2005

A. Dragone, F. Corsi, C. Marzocca P. Losito, D. Pasqua, E. Nappi, R. De Leo, J. Séguinot, A. Braem, E. Chesi, C. Joram, P. Weilhammer, F. Garibaldi, H. Zaidi

An Event Driven Read-out System for a Novel PET Scanner with Compton Enhanced 3D Gamma Reconstruction

IEEE TRANSACTIONS ON NUCLEAR SCIENCE, 2531/Sc, vol. 53, n.3, 2006

V. Bevilacqua G. Mastronardi , D. Daleno A. Pedone

G. Romanizzi

Hidden Markov Models for Recognition Using Artificial Neural Networks

ICIC 2006, LNCS 4113 (Lecture Notes on Computer Sciences) ©Springer-Verlag Berlin Heidelberg, Eds.: D.-S. Huang, K. Li, and G.W. Irwin, 4124/Sc., , 2006

A. D'ORAZIO, M. DE SARIO, D.DE CEGLIA, M. J. BLOEMER, M. SCALORA, F. PRUDENZANO,

Analysis of second harmonic generation in photonic-crystal assisted waveguides

Journal Applied Physics, pp. 43110-43110-5, 3044/Sc., vol.100, ISSUE 4, 2006

A.D'ORAZIO, F.L.DI ALESSIO

A subharmonically pumped direct vector modulator

Electronics Letters, pp.70-71, 1772/Sc., vol.39 n.1, 2003

M. LISERRE, A. DELL'AQUILA, V. MORENOA. PIGAZO

An Anti-Islanding Method for Single-Phase Inverters Based on a Grid Voltage Sensorless Control

IEEE Transactions on Industrial Electronics, 2516, , 2006

M.P. Fanti M. Zhou

Deadlock Control Methods in Automated Manufacturing Systems

IEEE Trans. on Systems, Man and Cybernetics. Part A: Systems and Humans, 2544, Jan, 2004

D. Naso, B. Turchiano A. Scalera, G. Aurisicchio

Removing spike noise from railway geometry measures with a fuzzy filter

IEEE Transactions on Systems, Man, and Cybernetics - Part C: Applications, 2546, Jul, 2006

Eugenio Di Sciascio, Luigi Alfredo Grieco Giuseppe Grassi, Pietro Vecchio
New object-oriented segmentation algorithm based on the CNN paradigm
IEEE Trans.on Circuits and Systems - II: Express Briefs, , 2495/Sc., Volume 53,
Number 4,
page 259 --263, Apr. 2006

Luigi Alfredo Grieco Giuseppe Grassi
CNN-based architecture for real-time object-oriented video coding applications
International Journal on Circuit Theory and Applications, Wiley, 2695/Sc., Volume 33,
Number 1, Jan 2005

Luigi Alfredo Grieco Giuseppe Grassi
Object-oriented image analysis using the CNN universal machine: New analogic CNN algorithms for motion compensation, image synthesis and consistency observation
IEEE Trans. on Circuits and Systems - I, 2494/Sc., Volume 50,
Number 4,
page 488--499, Apr 2003

V.M.N. Passaro G. Z. Masanovic
Design of SiON-based grating-assisted vertical directional couplers
OPTICS EXPRESS, 4764/Sc., vol. 14, n. 3, 2006

D. Naso G. Maione
A Genetic Approach for Adaptive Multi-Agent Control in Heterarchical Manufacturing Systems
IEEE Transactions on Systems, Man, and Cybernetics, Part A: Systems and Humans, 2544, Sep, 2003

D. Naso G. Maione
A Soft Computing Approach for Task Contracting in Multi-Agent Manufacturing Control
Computers in Industry, 1439, Dec, 2003

D. Naso G. Maione
Modeling Adaptive Multi-Agent Control with discrete event system formalism
International Journal of Systems Science, 2845, 35(10), 2004

V. Bevilacqua G. Mastronardi F. Menolascina D. Nitti
Stereo - Matching Techniques using Optimisation Using Evolutionary Algorithms
ICIC 2006, LNCS 4113 (Lecture Notes on Computer Sciences) ©Springer-Verlag Berlin Heidelberg, Eds.: D.-S. Huang, K. Li, and G.W. Irwin, , , 2006

V.M.N. Passaro F. De Leonardis
Accurate Physical Modeling of Multi Quantum Well Ring Lasers
LASER PHYSICS LETTERS, 4116/Sc., vol. 2, n.2, 2005

V.M.N. Passaro F. De Leonardis
All-Optics AND gate based on Raman effect in silicon-on-insulator waveguide
OPTICAL AND QUANTUM ELECTRONICS, 4770/Sc, vol. 38, n. 11, 2006

V.M.N. Passaro F. De Leonardis

Modeling and Design of a Novel High Sensitivity Electric-Field SOI Sensor Based on a Whispering Gallery Mode Resonator

IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS, 2470/Sc., vol 12, n.1, 2006

V.M.N. Passaro F. De Leonardis

Space-Time Modelling of Raman Pulses in Silicon-on-Insulator Optical Waveguides

JOURNAL OF LIGHTWAVE TECHNOLOGY , 3527/Sc., vol. 24, n. 7, 2006

F. Torelli E. De Tuglie

Distribution factors for reactive power in the presence of bilateral transactions

IEE Proc.-Gener. Transm. Distrib., 2442, Vol. 151, No. 3, 2004

F. Torelli E. De Tuglie

Load Following Control Schemes for Deregulated Energy Markets

IEEE Transactions on Power Systems, 2537, Vol. 21, No. 4, 2006

Pietro Camarda Domenico Striccoli

Queueing Networks Approach for Bandwidth Estimation of Smoothed VBR Video Streams

Performance Evaluation, 4930/Sc., Volume 57

page 1--18, May 2004

Meloni C. Detti P.

A linear algorithm for the Hamiltonian completion number of the line graph of a cactus

Discrete Applied Mathematics, 1702, 136, 2004

A. DELL'AQUILA, M. LISERRE C. CECATI, A. OMETTO

A Fuzzy-Logic-Based Controller for Active Rectifier

IEEE Transactions on Industry Applications, 2515, , 2003

A. Trotta A. Lay Ekuakille

Aerosol Extinction Error Determination for a Laser-Based Detecting System

IEEE Trans. On Electron Devices, 2507/Sc, may, 2006

F. Attivissimo, A. Trotta A. Cataldo, L. Tarricone

Simultaneous Measurement of Liquid Dielectric Properties and Levels Using a TDR Method

Measurement Journal of Imeko , 4276/Sc., jan., 2006

D. De Venuto M. Ohletz

Floating body effects model for fault simulation of fully depleted CMOS/SOI circuits

MICROELECTRONICS JOURNAL, 4372/Sc, vol 34, n. 10, 2003

V.M.N. Passaro, F. Magno F. De Leonardis, A. Rizzato

Analysis of VCSEL distributed Bragg reflectors by Floquet-Bloch Theory

LASER PHYSICS, 4115/Sc., vol 16, n.7, 2006

F. Corsi, A. Dragone P. Bruno, G. Cicala, A.M. Losacco

High relative Humidity Range Sensor based on Polymer-coated STW Resonant Device.

SENSORS AND ACTUATORS. B, CHEMICAL, 5541/Sc, vol 100, n. 1-2, 2004

F. Corsi, A. Dragone, I. Vilardi, A. Braem, E. Chesi, F. Ciocia, N. Colonna, F. Cusanno, R. De Leo, F. Garibaldi, C. Joram, L. Lagamba, S. Marrone, E. Nappi, J. Séguinot, G. Tagliente, A. Valentini, P. Weilhammer, H. Zaidi

Optimization of the effective light attenuation length of YAP:Ce and LYSO:Ce crystals for a novel geometrical PET concept

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A, 4675/Sc, vol. 564, n.1, 2006

F. Attivissimo, N. Giaquinto G. Andria, A.M.L. Lanzolla, L. Quagliarella

Functional Evaluation of Handgrip Signals for Parkinsonian Patients

IEEE Transactions on Instrumentation and Measurement, 2519/Sc., oct., 2006

F. Corsi, A. Dragone E. Chesi, A. Braem, C. Joram, S. Mathot, J. Séguinot, P. Weilhammer, F. Ciocia, R. De Leo, E. Nappi, I. Vilardi, A. Argentieri, D. Pasqua

A segmented hybrid photon detector with integrated auto-triggering front-end electronics for a PET scanner

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A, 4675/Sc, vol. 564, n.1, 2006

C. Ciminelli, F. Peluso, M. Armenise

Parametric analysis of 2D guided-wave photonic band gap structures

OPTICS EXPRESS, 4764/Sc., vol. 13, n.24, 2005

Simona Colucci, Tommaso Di Noia Andrea Cali, Diego Calvanese, Francesco M. Donini:

A Logic-Based Approach for Matching User Profiles

Lecture Notes in Computer Science 3215 pp 187-195, 4124, , 2004

M. DE SARIO, F. PRUDENZANO A.P. CARICATO, M. FERNÁNDEZ, M. FERRARI, G. LEGGIERI, A. LUCHES, M. MARTINO, M. MONTAGNA, A. JHA

Chalcogenide Glass Thin Film Waveguides Deposited by Excimer Laser Ablation

Applied Surfaces Sciences, pp.632-637, 573/Sc., Vol. 208-209, 2003

V. Giordano, B. Turchiano P. Ballal, F. Lewis, J. B. Zhang

Supervisory Control of Mobile Sensor Networks: Math Formulation, Simulation, and Implementation

IEEE Transactions on System, Man, and Cybernetics- part B: Cybernetics, 2545, Aug, 2006

A.D'ORAZIO, F.L.DI ALESSIO, R.LAVOLPE

Even harmonic C-Band modulator

IEEE Transactions on Microwave Theory and Techniques, pp.1203-1210., 2524/Sc., vol.53, n.4, 2005

C. Guaragnella T. D' Orazio, M. Leo

A New Algorithm for Ball Recognition using Circle Hough Transform and Neural Classifier

Pattern Recognition, 4897/Sc., Volume 37,
n. 3 , Mar. 2004

V.M.N. Passaro S.P. Chan, G.T. Reed

Singlemode and polarisation free conditions for small silicon-on-insulator waveguides

ELECTRONICS LETTERS , 1807/Sc., vol. 41, n. 9, 2005

M.Castellano, R.Bellotti, F.De Carlo

Chaotic map algorithm for knowledge discovery in time series: a Case Study on Biomedical Signals

IEEE Trans. on Nuclear Science - Real Time Software, 51(3) (2004) 553-557, , , 2004

Meloni C. M. Pranzo, D. Pacciarelli

New Class of Greedy Heuristics for Job Shop Scheduling Problems

Lecture Notes in Computer Science , 4124/Sc., 2647, 2003

D. De Venuto M. Ohletz, B. Riccò

Automatic Window Repositioning Technique for Digital Window Comparator used within Mixed-Signal Design-for Testability Schemes

ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING, 375/Sc, vol. 42, n. 3, 2005

D. De Venuto M. Ohletz, B. Riccò

Design of Digital Window Comparators and their Implementation within Mixed-Signal DFT Schemes”

ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING, 375/Sc, vol. 35, n.2, 2003

A. Rizzo L. Fortuna, M.G. Xibilia

Modeling Complex Dynamics via Extended PWL-Based CNNs

International Journal on Bifurcation and Chaos, 2685, 13(11), 2003

A. Rizzo L. Fortuna, M. Frasca,

Experimental Pulse Synchronisation of Two Chaotic Circuits

Chaos, Solitons and Fractals, 1167, 17(2-3), 2003

A.D'ORAZIO, F.L.DI ALESSIO, N.C.LIUZZI,

A high performance C-band subharmonic modulator exploiting branch-line couplers as input/output ports

Journal of Electromagnetic Waves and Applications, pp.489-503, 3290/Sc., vol.20, n.4, 2006

A. Rizzo L. Fortuna, M. Frasca

Chaotic Pulse Position Modulation to Improve the Efficiency of Sonar Sensors

IEEE Trans. on Instrumentation and Measurements, 2519, Dec, 2003

M. La Scala Jie Wang, Chen Chen

Parametric adaptive control of multimachine power systems with nonlinear loads

IEEE Transactions on Circuits and Systems II: Analog and Digital Signal Processing, 2495, Vol. 51, No. 2, 2004

M. La Scala Jie Wang, Chen Chen

Periodic Solution in Multimachine Power Systems Affected by Perturbation of Nonlinear Loads

IEEE Transactions on Circuits and Systems I: Fundamental Theory and Applications, 2494, Vol. 50, No. 10, 2003

V.M.N. Passaro G.Z. Masanovic, G.T. Reed

Coupling to Nanophotonic Waveguides Using a Dual Grating-Assisted Directional Coupler

IEE PROCEEDINGS-OPTOELECTRONICS, 2444/Sc., vol. 152, n.1, 2005

V.M.N. Passaro G.Z. Masanovic, G.T. Reed

Dual Grating-Assisted Directional Coupling Between Fibres and Thin Semiconductor Waveguides

IEEE PHOTONICS TECHNOLOGY LETTERS, 2478/Sc., 10, 2003

G. Cavone G. Andria, A. M. L. Lanzolla

Modelling Study for Assessment and Forecasting Variation in Urban Air Pollution

Measurement Journal of Imeko, 4276/Sc., oct., 2006

M. LISERRE F. BLAABJERG, S. HANSEN

Design and Control of an LCL-filter based Three-phase Active Rectifier

IEEE Transactions on Industry Applications, 2515, , 2005

M. LISERRE F. BLAABJERG, R. TEODORESCU

Multiple harmonics control for three-phase systems with the use of PI-RES current controller in a rotating frame

IEEE Transactions on Power Electronics, 2536, , 2006

M. LISERRE F. BLAABJERG, R. TEODORESCU

Stability of Photovoltaic and Wind Turbine Grid-Connected Inverters for a Large Set of Grid Impedance Values

IEEE Transactions on Power Electronics, 2536, , 2006

C. Meloni D. Pacciarelli, M. Pranzo

A rollout metaheuristic for job shop scheduling problems

Annals of Operations Research , 453, 131, 2004

S. Mascolo D. Cavendish, M. Gerla

A Control Theoretical Approach to Congestion Control in Packet Networks

IEEE/ACM Transactions on Networking, 2450, Oct, 2004

M.P. Fanti A. Giua, C. Seatzu

Monitor design for Colored Petri Nets: an application to deadlock prevention in railway networks

Control Engineering Practice , 1498, Oct, 2006

M.P. Fanti A. Desrochers, T. J. Deal

Complex-Valued Token Petri nets

IEEE Transactions on Automation Science and Engineering, 2489, Oct, 2005

M. LISERRE, V. TIMBUS, F. BLAABJERG, R. TEODORESCU, A.

Overview of Control and Grid Synchronization for Distributed Power Generation Systems

IEEE Transactions on Industrial Electronics, 2516, , 2006

C. Guaragnella, T. D'Orazio, M. Leo, P. Spagnolo

Defect detection in aircraft composites by using a neural approach in the analysis of thermographic images

Elsevier - NDT&E , 4527/Sc., 38

pp. 665-673, 2005

M. Liserre R. Teodorescu, F. Blaabjerg, P. Chiang Loh

A New Breed of Proportional-Resonant Controllers and Filters for Grid-Connected Voltage-Source Convert

IEE proceedings on Electric Power Applications , 2441, , 2006

A. Rizzo P. Arena, S. Castorina, M. Frasca

An Integrated Chua's Cell for the Implementation of a Chua's Array

International Journal of Bifurcation and Chaos, 2685, 14(1), 2004

C. Marzocca L. Pancheri, M. Boscardin G.-F. Dalla Betta

Silicon Pin Detector with Integrated JFET-based Source Follower

ELECTRONICS LETTERS, 1807/Sc, vol. 40, n.20, 2004

A. Rizzo L. Fortuna, M. Sinatra, M.G. Xibilia

Soft Analyzers for a Sulfur Recovery Unit

Control Engineering Practice, 1498, Dec, 2003

G. Cavone G. Andria, V. Di Lecce, A.M.L. Lanzolla

Model Characterization of Measurement Environmental Pollutants via data Correlation of Sensor Output

IEEE Transactions on Instrumentation and Measurement, 2519/Sc., june, 2005

De Venuto D. Blagojevic M., Kayal M., Gervais M.

SOI Hall-Sensor Front-End for Energy Measurement

IEEE SENSORS JOURNAL, 2480/Sc, vol. 6, n.4, 2006

G. Avitabile B. Chellini, F. Giannini, E. Limiti

A 5.8 GHz ISM band active 90° Hybrid and variable attenuator

MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, 4386/Sc, vol. 36, n.5, 2003

Pietro Guccione Andrea Monti Guarnieri, Paolo Pasquali, Yves Louis Desnos

Multi-mode ENVISAT ASAR interferometry: techniques and preliminary results

IEE Proceedings on Radar Sonar and Navigation, 2445/Sc., vol 150

n° 3, June 2003

M. Trovato A. Pantaleo, A. Pellerano, F. Ruggiero.

Feasibility Study of Off-Shore Wind Farms: an Application to Puglia Region

Solar Energy, 5610, vol. 79, is. 3, 2005

A. Rizzo A. Buscarino, L. Fortuna, M. Frasca

Dynamical Network Interactions in Distributed Control of Robots

Chaos, 1166, 16(1), 2006

Corsi F., Cavone M., Muschitiello M. Lucarelli N., Centrone D.

Thermally Induced Voltage Alteration (TIVA) applied to ESD Induced Failures

MICROELECTRONICS RELIABILITY, 4373/Sc, vol 43, n. 9-11, 2003

V.M.N. Passaro S.P. Chan, C.E. Png, S.T. Lim, G.T. Reed

Single-Mode and Polarisation Independent Silicon-On-Insulator (SOI) Waveguides with Small Cross Section

JOURNAL OF LIGHTWAVE TECHNOLOGY , 3527/Sc., vol. 23, n.6, 2005

A. Rizzo P. Arena, P. Di Giamberardino, L. Fortuna, F. La Gala, S. Monaco, G. Muscato, R. Ronchini

Toward a Mobile Autonomous Robotic System for Mars Exploration

Planetary and Space Science, 5056, 52, 2004

A. Rizzo P. Andriani, F. Conti, L. Fortuna, M. Frasca, G. Passiante

Innovation Systems by Nonlinear Networks

Nonlinear Dynamics , 4656, 44, 2006

A. Rizzo M. Frasca, A. Buscarino, L. Fortuna, S. Boccaletti

Dynamical Network Model of Infective Mobile Agents

Physical Review E , 5033, 74, 2006

V.M.N. Passaro G. T. Reed, G. Z. Masanovic, W. R. Headley, B. Timotijevic, F. Y. Gardes, S. P. Chan, P. Waugh, N. G. Emerson, C. E. Png, M. J. Paniccia, A. Liu, D. Hak

Issues associated with polarisation independence in silicon photonics

IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS, 2470/Sc., vol. 12, n.6, 2006

V.M.N. Passaro G. Masanovic, G.T. Reed, W. Headley, B. Timotijevic, R. Atta, G. Ensell, A.G.R. Evans

A high efficiency input/output coupler for small silicon photonic devices

OPTICS EXPRESS, 4764/Sc., vol. 13, n.19, 2005

D.DE CEGLIA, M. SCALORA, G. D'AGUANNO, M.J. BLOEMER, M. CENTINI, N. MATTIUCCI, YU.S.KIVSHARD

Dynamics of short pulses and phase matched second harmonic generation in negative index materials

Optics Express, pp. 4746-4756, 4674/Sc., vol.14 Issue II, 2006

’ ’ ’

’ ’ ’