



## Curriculum vitae Europass

### Informații personale

Nume / Prenume **PENTIUC Ștefan-Gheorghe**  
Adresa(e) 9, str. Universității, 720225, Suceava, România  
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Nationalitate(-tati) Română  
Data nașterii 25 august 1953  
Sex Masculin

**Locul de muncă** Universitatea "Ștefan cel Mare" Suceava  
Facultatea de Inginerie Electrică și Știința Calculatoarelor

**Funcția** Profesor universitar (din 1997)

### Experiența profesională

Funcția sau postul ocupat Decan (2008 - 2020)  
Secretar științific (1996-2008)  
Conducător de doctorat (din 2000),  
Profesor universitar (din 1997),  
Conferențiar (1994-1997),  
Șef lucrări (1990-1994),  
Director de proiect la granturi CNCSIS și CEEX  
Cdaru didactic asociat (1986-1990)

Principalele activități și responsabilități Didactic și cercetare științifică (recunoasterea formelor, învățare automată, structuri de date)  
Facultatea de Inginerie Electrică și Știința Calculatoarelor

Numele și adresa angajatorului Universitatea „Ștefan cel Mare” Suceava, 9, str. Universității, 720225, Suceava, România

Tipul activității sau sectorul de activitate

**Profesor / cercetător invitat**  
2009 – cercetător invitat la INRIA Nord, Lille, France  
2003 – profesor invitat la Universite des Sciences et Technologies de Lille  
2002 – profesor invitat la Universite des Sciences et Technologies de Lille  
2000 – profesor invitat la Universite des Sciences et Technologies de Lille  
2000 – cercetător invitat la Institute Galilee, Universite Paris Nord  
1994 – conferențiar invitat la Ecole Universitaire d’Ingenieurs de Lille

**Informații suplimentare**

2001- prezent Associate Editor of Journal Advances in Electrical and Computer Engineering, ISSN 1582-7445 (ISI indexed)  
 1994– 2001, Associate Editor The Annals of the "Stefan cel Mare" University, Electrical Section, ISSN 1222-4316  
 Co-editor: Information Technology (2003), Distributed Systems (2004)., Distributed Processing (2005), Distributed Systems (2006)., Distributed Systems (2007).  
 Expert INTAS Belgia  
 Expert CNC SIS  
 Expert evaluator ARACIS

**Perioada**

Din 1990 până în prezent

**Funcția sau postul ocupat**

Șef lucrări (1990-1994), conferențiar univ. (1994-1997), profesor universitar (din 1997 până în prezent)

**Principalele activități și responsabilități**

Didactic și cercetare științifică: Recunoasterea formelor, Calcul de înalta performanță

**Numele și adresa angajatorului**

UNIVERSITATEA "ȘTEFAN CEL MARE" DIN SUCEAVA

**Perioada**

1987-1990

**Funcția sau postul ocupat**

Inginer proiectant principal III și ulterior II, șef atelier proiectare

**Principalele activități și responsabilități**

Proiectare sistem de supraveghere a rețelelor electrice de distribuție, proiectant rețea națională de calculatoare de proces pentru supravegherea sistemului de transport și distribuție a energiei electrice

**Numele și adresa angajatorului**

I.R.E. Suceava

**Tipul activității sau sectorul de activitate**

Informatică industrială, rețele de calculatoare

**Perioada**

1977 - 1987

**Funcția sau postul ocupat**

Inginer de sistem, programator, analist principal III, responsabil de proiect

**Principalele activități și responsabilități**

Proiectare de sisteme informatice, cercetare

**Numele și adresa angajatorului**

Centrul Teritorial de Calcul Electronic Suceava

**Tipul activității sau sectorul de activitate**

Proiectare și cercetare în informatică

**Educație și formare****Calificarea / diploma obținută**

Inginer (1977), doctor inginer (1993)

**Discipline principale studiate / competențe dobândite**

Specializarea Calculatoare

**Numele și tipul instituției de învățământ**

Universitatea „Politehnica” București  
 Facultatea de Automatică și Calculatoare

**Aptitudini și competențe personale****Limba(i) maternă(e)**

Română

**Limba(i) străină(e)****Autoevaluare****Nivel european (\*)**

<b>Înțelegere</b>		<b>Vorbire</b>		<b>Scriere</b>
Ascultare	Citire	Participare la conversație	Discurs oral	Exprimare scrisă
FB	FB	FB	FB	FB
B	FB	B	B	B

**Franceză****Engleză****Competențe și aptitudini organizatorice**

Experiență ca responsabil de proiect, șef oficiu de calcul, șef atelier proiectare, secretar științific facultate, director proiecte de cercetare, decan

Competențe și aptitudini tehnice

Limbaje de programare Python, Java, Javascript, PHP, C/C++, PL/M, Pascal, Basic, Assembler  
Structuri de date, Algoritmi, Programarea sistemelor distribuite, Recunoașterea formelor, Învățare automată

Permis(e) de conducere

B

## Lista de lucrări publicate

### CĂRȚI

1. St. Gh. Pentiu (2006), Java – Data Structures and Algorithms (in Romanian), Ed. MATRIXROM Bucharest, 255 pages
2. A. Florea, St.Gh. PENTIUC, D. Kayser (2004), Intelligence artificielle et agents intelligents (in French) Ed.Printech Bucarest, ISBN 973-652-976-2, 420 pages
3. Șt. Gh. PENTIUC (2001), Elements of Internet Applications Programming (in Romanian), Ed. Mediamira Cluj-Napoca, ISBN 973-9358-62-4, 160 pages
4. Șt. Gh. PENTIUC (2000), Expert Systems Generators (in Romanian), Ed. Hipparion, Cluj-Napoca, ISBN 973-9448-48-8, 112 pag.
5. St. Gh. Pentiu (1997), Applications of Pattern Recognition in Automate Diagnosis (in Romanian), Ed. Tehnica, Bucharest, ISBN 973-31-1096-5, 155 pages.
6. St. Gh. Pentiu (1996), Pattern Recognition - Methods, Programs, Applications (in Romanian), Ed. Universitatii "Stefan cel Mare" Suceava, ISBN 973-97787-5-5, 255 pag.
7. St.Gh. PENTIUC, E. Turcu, C.Turcu, D. Bălan (1993), C Language, Implementation Techniques (in Romanian), Editura Licurici Suceava, ISBN 973-95737-1-1, 112 pag.
8. St.Gh. Pentiu, Radu Daniel Vatavu (2009), Algorithms and Programming Techniques in Java (in Romanian), Ed. Universității Suceava, 294 pag.
9. Books Chapter: Radu-Daniel Vatavu, Ovidiu-Ciprian Ungurean, Ștefan-Gheorghe Pentiu. (2011). Body Gestures for Office Desk Scenarios. In D. England (Ed.), Whole Body Interaction (pp. 163-172). SpringerHuman-Computer Interaction Series. London: Springer-Verlag. doi:10.1007/978-0-85729-433-3\_13
9. Books Chapter: Popescu D., F.Teodorescu, Gh.PENTIUC, Concept privind cercetarea sistemelor multidimensionale prin metode de analiză și recunoașterea formelor. Volumul "Inteligență artificială și robotică industrială", Editura Academiei, București 1983, pag.242 248
10. Books Chapter: T.Homos, Adrian Simescu, Gh.Pentiu, Al.Miron., Simulator pentru conducerea industrială la nivel de atelier", Automatica, management, calculatoare, vol.32, Ed.Tehnică București 1980, p.138 149

### LUCRĂRI INDEXATE WEB OF SCIENCE

1. On free-hand TV control: experimental results on user-elicited gestures with Leap Motion By: Zaiti, Ionut-Alexandru; Pentiu, Stefan-Gheorghe; Vatavu, Radu-Daniel, PERSONAL AND UBIQUITOUS COMPUTING Volume: 19 Issue: 5-6 Pages: 821-838 Published: AUG 2015, DOI=10.1007/s00779-015-0863-y (Q2)
2. Single-scan: a fast star-join query processing algorithm By: Purdila, Vasile; Pentiu, Stefan-Gheorghe, SOFTWARE-PRACTICE & EXPERIENCE Volume: 46 Issue: 3 Pages: 319-339 Published: MAR 2016 <http://onlinelibrary.wiley.com/doi/10.1002/spe.2308/full> (Q2)

3. L. Bilius and S. G. Pentiu, Efficient Unsupervised Classification of Hyperspectral Images Using Voronoi Diagrams and Strong Patterns, SENSORS, Volume: 20 Issue: 19, Article Number: 5684, DOI: 10.3390/s20195684, WOS:000587236000001 (Q1)
4. Bilius, L.B.; Pentiu, S.G. „Unsupervised Clustering for Hyperspectral Images”, Symmetry, 12, 277; DOI: 10.3390/sym12020277, <https://www.mdpi.com/2073-8994/12/2/277,2020>, ISSN 2073-8994, WOS:000521147600138 (Q2)
5. Alaci, Stelian; Musca, Ilie; Pentiu, Stefan-Gheorghe, Study of the Rolling Friction Coefficient between Dissimilar Materials through the Motion of a Conical Pendulum, MATERIALS, eISSN: 1996-1944, Volume: 13 Issue: 21 Article Number: 5032 Published: NOV 2020, WOS:000589407200001, (Q2)
6. L. Bilius and S. G. Pentiu, "Improving the Analysis of Hyperspectral Images Using Tensor Decomposition", 2020 International Conference on Development and Application Systems (DAS), Suceava, Romania, pp. 173-176, doi: 10.1109/DAS49615.2020.9108935, WOS:000589776100032
7. Laura-Bianca Bilius ; Stefan-Gheorghe Pentiu ; David Brie ; Sebastian Miron, Analysis of Hyperspectral Images Using Supervised Learning Techniques, 2019 23rd International Conference on System Theory, Control and Computing (ICSTCC), Year: 2019, Conference Paper, Publisher: IEEE doi:10.1109/ICSTCC.2019.8885627, <https://ieeexplore.ieee.org/abstract/document/8885627>, WOS:000590181100114, ISBN:978-1-7281-0699-1, ISSN: 2372-1618
8. Pentiu, Stefan-Gheorghe; Vultur, Oana-Mihaela, "Drive Me": a Interaction System Between Human and Robot, Conference: 14th International Conference on Development and Application Systems (DAS) Location: Suceava, ROMANIA Date: MAY 24-26, 2018, Sponsor(s): Stefan Cel Mare Univ Suceava, Fac Elect Engn & Comp Sci; IEEE Ind Applicat., Soc, Romania Section, 2018 14TH INTERNATIONAL CONFERENCE ON DEVELOPMENT AND APPLICATION SYSTEMS (DAS) Pages: 144-14 , WOS:000467080400027
9. Interactive coffee tables: Interfacing TV within an intuitive, fun and shared experience, By: Vatavu, Radu-Daniel; Pentiu, Stefan-Cheorghe, Edited by: Tscheligi, M; Obrist, M, Conference: 6th European Conference on EuroITV 2008 Location: Salzburg, AUSTRIA Date: JUL 03-04, 2008, Sponsor(s): IFIP; CITIZEN MEDIA; Telekom Austria; Nokia; Microsoft Mediaroom; Ruwido; Cablelink by Salzburg AG; Univ Salzburg, ICT&S Ctr, Adv Studies & Res Informat & Commun Technol & Soc; ACM Assoc Comp Machinery; ACM SIGCHI; ACM SIGMM; ACM SIGWEB; NAMU; EuroITV; UITV INFO, CHANGING TELEVISION ENVIRONMENTS, PROCEEDINGS Book Series: LECTURE NOTES IN COMPUTER SCIENCE Volume: 5066 Pages: 183-187 Published: 2008
10. Speech Therapy Programs for a Computer Aided Therapy System, By: Pentiu, S. G.; Schipor, O. A.; Danubianu, M.; et al., Elektronika ir Elektrotechnika Issue: 7 Pages: 87-90 Published: 2010
11. Gesture Recognition Based on Elastic Deformation Energies, By: Vatavu, Radu-Daniel; Grisoni, Laurent; Pentiu, Stefan-Gheorghe, Edited by: Dias, MS; Gibet, S; Wanserley, MM; et al., Conference: 7th International Gesture Workshop Location: Lisbon, PORTUGAL Date: MAY 23-25, 2007, GESTURE-BASED HUMAN-COMPUTER INTERACTION AND SIMULATION Book Series: Lecture Notes in Artificial Intelligence Volume: 5085 Pages: 1-12 Published: 2009
12. Translation of the Speech Therapy Programs in the Logomon Assisted Therapy System, By: Pentiu, Stefan-Gheorghe; Tobolcea, Iolanda; Schipor, Ovidiu Andrei; et al., ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 10 Issue: 2 Pages: 48-52 Published: 2010
13. IMPROVING COMPUTER BASED SPEECH THERAPY USING A FUZZY EXPERT SYSTEM, By: Schipor, Ovidiu-Andrei; Pentiu, Stefan-Gheorghe; Schipor, Maria-Doina, COMPUTING AND INFORMATICS Volume: 29 Issue: 2 Pages: 303-318 Published: 2010

14. The Utilization of Feedback and Emotion Recognition in Computer based Speech Therapy System, By: Schipor, O. A.; Pentiu, S. G.; Schipor, M. D., Elektronika ir Elektrotechnika Issue: 3 Pages: 101-104 Published: 2011
15. MULTI-LEVEL REPRESENTATION OF GESTURE AS COMMAND FOR HUMAN COMPUTER INTERACTION, By: Vatavu, Radu-Daniel; Pentiu, Stefan-Gheorghe, COMPUTING AND INFORMATICS Volume: 27 Issue: 6 Pages: 837-851 Published: 2008
16. Improving cooperation in E-commerce by integrated data mining methods in Web-environments, By: Hamburg, I; Pentiu, SG; Dorinel, BS, Edited by: Johannsen, G., Conference: 8th IFAC Symposium on Analysis, Design and Evaluation of Human-Machine Systems Location:KASSEL, GERMANY Date: SEP 18-20, 2001 , Sponsor(s): Int Federat Automat Control, TC Human Machine Syst; Int Federat Operat Res Soc; Int Federat Informat Proc; Int Ergon Assoc, ANALYSIS, DESIGN AND EVALUATION OF HUMAN-MACHINE SYSTEMS 2001 Book Series: IFAC SYMPOSIA SERIES Pages: 141-145 Published: 2002
17. End-User Recommendations on LOGOMON, a Computer Based Speech Therapy System for Romanian Language, By: Schipor, Doina-Maria; Pentiu, Stefan-Gheorghe; Schipor, Ovidiu-Andrei, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 10 Issue: 4 Pages: 57-60 Published: 2010
18. Interacting with Gestures: An Intelligent Virtual Environment, By: Vatavu, Radu Daniel; Pentiu, Stefan-Gheorghe, Edited by: Vlada, M; Albeanu, G; Popovici, D., Conference: 1st International Conference on Virtual Learning Location: Bucharest, ROMANIA Date: OCT 27-29, 2006, Sponsor(s): Univ Bucharest, Fac Math & Comp Sci; SIVECO Romania; MEd, Natl Author Sci Res; Coca Cola; COMENIUS Hands Sci; ARRE; Agora Media; Market Watch, IT & C; Modern Professors Portal; MEdC, SEI Educ Portal; CNCIS Book Series: Proceedings of the International Conference on Virtual learning Pages: 291-297 Published: 2006
19. Detecting and Tracking Multiple Users in the Proximity of Interactive Tabletops, By: Tanase, Cristian Andy; Vatavu, Radu-Daniel; Pentiu, Stefan-Gheorghe; et al., ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 8 Issue: 2 Pages: 61-64 Published: 2008
20. Real-Time 3D Hand Gestures Recognition for Manipulation of Industrial Robots, By: Cerlinca, T.; Pentiu, S. G.; Vlad, V., Elektronika ir Elektrotechnika Volume: 19 Issue: 2 Pages: 3-8 Published: 2013
21. Novel Interface for Simulation of Assembly Operations in Virtual Environments, By: Craciun, Elena-Gina; Grisoni, Laurent; Pentiu, Stefan-Gheorghe; et al., ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 13 Issue: 1 Pages: 47-52 Published: 2013
22. An Efficient Solution for Hand Gesture Recognition from Video Sequence, By: Prodan, Remus-Catalin; Pentiu, Stefan-Gheorghe; Vatavu, Radu-Daniel, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 12 Issue: 3 Pages: 85-88 Published: 2012
23. Toward Automatic Recognition of Children's Affective State Using Physiological Parameters and Fuzzy Model of Emotions, By: Schipor, Ovidiu-Andrei; Pentiu, Stefan-Gheorghe; Schipor, Maria-Doina, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 12 Issue: 2 Pages: 47-50 Published: 2012
24. Using a Fuzzy Emotion Model in Computer Assisted Speech Therapy, By: Schipor, Ovidiu A.; Pentiu, Stefan G.; Schipor, Maria D., Edited by: Dicheva, D; Markov, Z; Stefanova, E, Conference: 3rd International Conference on Software, Services and Semantic Technologies Location: Sofia Univ, Bourgas, BULGARIA Date: SEP 01-03, 2011, THIRD INTERNATIONAL CONFERENCE ON SOFTWARE, SERVICES AND SEMANTIC TECHNOLOGIES S3T 2011 Book Series: Advances in Intelligent and Soft Computing Volume: 101 Pages: 189-193 Published: 2011
25. Advanced Information Technology - Support of Improved Personalized Therapy of Speech Disorders, By: Danubianu, M.; Pentiu, S. G.; Tobolcea, I.; et al., INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL Volume: 5 Issue: 5 Pages: 684-692 Published: DEC 2010

26. Multiscale Detection of Gesture Patterns in Continuous Motion Trajectories, By: Vatavu, Radu-Daniel; Grisoni, Laurent; Pentiu, Stefan-Gheorghe, Edited by: Kopp, S; Wachsmuth, I, Conference: 8th International Gesture Workshop Location: Bielefeld Univ, Ctr Interdisciplinary Res, Bielefeld, GERMANY Date: FEB 25-27, 2009, GESTURE IN EMBODIED COMMUNICATION AND HUMAN-COMPUTER INTERACTION Book Series: Lecture Notes in Artificial Intelligence Volume: 5934 Pages: 85-97 Published: 2010
27. Towards the Optimized Personalized Therapy of Speech Disorders by Data Mining Techniques, By: Danubianu, Mirela; Pentiu, Stefan Gheorghe; Socaciu, Tiberiu, Edited by: Danubianu, M; Noll, J; Dini, C, Conference: 4th International Multi-Conference on Computing in the Global Information Technology Location:Cannes, FRANCE Date: AUG 23-29, 2009, 2009 FOURTH INTERNATIONAL MULTI-CONFERENCE ON COMPUTING IN THE GLOBAL INFORMATION TECHNOLOGY (ICCGI 2009) Pages: 20-25 Published: 2009
28. Control of a Mobile Robot by Human Gestures, By: Pentiu, Stefan-Gheorghe; Vultur, Oana Mihaela; Ciupu, Andrei, Edited by: Zavoral, F; Jung, JJ; Badica, C., Conference: 7th International Symposium on Intelligent Distributed Computing (IDC) Location: Charles Univ, Prague, CZECH REPUBLIC Date: SEP 04-06, 2013, Sponsor(s): Charles Univ, Fac Math & Phys, Dept Software Engn; Univ Craiova, Software Engn Dept., INTELLIGENT DISTRIBUTED COMPUTING VII Book Series: Studies in Computational Intelligence Volume:511 Pages: 217-222 Published: 2014
29. Fast Decision Tree Algorithm, By: Purdila, Vasile; Pentiu, Stefan-Gheorghe, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 14 Issue: 1 Pages: 65-68 Published: 2014
30. Data Dimensionality Reduction Framework for Data Mining, By: Danubianu, M.; Pentiu, St Gh., Elektronika ir Elektrotechnika Volume: 19 Issue: 4 Pages: 87-90 Published: 2013
31. Data Dimensionality Reduction for Data Mining: A Combined Filter-Wrapper Framework, By: Danubianu, Mirela; Pentiu, Stefan Gheorghe; Danubianu, Dragos Mircea, INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL Volume: 7 Issue: 5 Pages: 824-831 Published: DEC 2012
32. Interface for Gestural Interaction in Virtual Reality Environments, By: Pentiu, St. Gh.; Craciun, E. G.; Grisoni, L., Elektronika ir Elektrotechnika Issue: 5 Pages: 97-100 Published: 2012
33. A parallel approach for Monte Carlo-based photon propagation simulation, By: Rusu, Ionela; Pentiu, Stefan-Gheorghe; Ungurean, Ioan; et al., Book Group Author(s): Natl Inst Res & Dev Isotop & Mol Technologies, Conference: 5th Romania Tier 2 Federation Grid, Cloud and High Performance Computing Science (RO-LCG)Location: Cluj Napoca, ROMANIA Date: OCT 25-27, 2012 , Sponsor(s): Inst Elect & Elect Engineers; Natl Inst Res & Dev Isotop & Mol Technologies; Natl Author Sci Res; Romanian Tier 2 Federat, 2012 5TH ROMANIA TIER 2 FEDERATION GRID, CLOUD & HIGH PERFORMANCE COMPUTING SCIENCE (RO-LCG) Pages: 78-81 Published: 2012
34. Automatic Assessment of Pronunciation Quality of Children within Assisted Speech Therapy, By: Schipor, O. A.; Pentiu, S. G.; Schipor, M. D., Elektronika ir Elektrotechnika Issue: 6 Pages: 15-18 Published: 2012
35. High-Performance Computing on a Supercomputer Based on New-Generation Processors, By: Ungurean, Ioan; Rusu, Ionela; Pentiu, Stefan-Gheorghe, Book Group Author(s): Natl Inst Res & Dev Isotop & Mol Technologies, Conference: 5th Romania Tier 2 Federation Grid, Cloud and High Performance Computing Science (RO-LCG)Location: Cluj Napoca, ROMANIA Date: OCT 25-27, 2012 , Sponsor(s): Inst Elect & Elect Engineers; Natl Inst Res & Dev Isotop & Mol Technologies; Natl Author Sci Res; Romanian Tier 2 Federat, 2012 5TH ROMANIA TIER 2 FEDERATION GRID, CLOUD & HIGH PERFORMANCE COMPUTING SCIENCE (RO-LCG) Pages: 96-99 Published: 2012

36. Navigation System in a Virtual Environment by Gestures, By: Vultur, Oana Mihaela; Pentiu, Stefan Gheorghe; Ciupu, Andrei, Book Group Author(s): IEEE, Conference: 9th International Conference on Communications (COMM) Location: Bucharest, ROMANIA Date: JUN 21-23, 2012, Sponsor(s): Mil Tech Acad; Politehnica Univ Bucharest; IEEE Romania Sect; Romanian Acad Tech Sci; Orange; MRV; Romkatel; Analizoare; MarcTel; Interactive Syst & Business Consulting; RSS; Rohde & Schwarz; CSR; Astro; Beia; IEEE 2012 9TH INTERNATIONAL CONFERENCE ON COMMUNICATIONS (COMM) Pages: 111-114 Published:2012
37. Robust 3D Hand Detection for Gestures Recognition, By: Cerlinca, Tudor Loan; Pentiu, Stefan Gheorghe, Edited by: Brazier, FMT; Nieuwenhuis, K; Pavlin, G; et al., Conference: 5th International Symposium on Intelligent Distributed Computing (IDC 2011) Location: D CIS Lab, Delft, NETHERLANDS Date: OCT 05-07, 2011, Sponsor(s): Thales Res & Technol; Delft Univ Technol, INTELLIGENT DISTRIBUTED COMPUTING V Book Series: Studies in Computational Intelligence Volume: 382 Pages: 259-264 Published: 2011
38. System for Short Term Forecast of Electric Power Consumption in a Distributed Company, By: Pentiu, R.; Ungurean, O. C.; Pentiu, S. G.; et al., Elektronika ir Elektrotechnika Issue: 1 Pages: 75-78 Published: 2011
39. Multilevel Parallelization of Unsupervised Learning Algorithms in Pattern Recognition on a Roadrunner Architecture, By: Pentiu, Stefan-Gheorghe; Ungurean, Ioan, Edited by: Brazier, FMT; Nieuwenhuis, K; Pavlin, G; et al., Conference: 5th International Symposium on Intelligent Distributed Computing (IDC 2011) Location: D CIS Lab, Delft, NETHERLANDS Date: OCT 05-07, 2011, Sponsor(s): Thales Res & Technol; Delft Univ Technol, INTELLIGENT DISTRIBUTED COMPUTING V Book Series: Studies in Computational Intelligence Volume: 382 Pages: 71-80 Published: 2011
40. Body Gestures for Office Desk Scenarios, By: Vatavu, Radu-Daniel; Ungurean, Ovidiu-Ciprian; Pentiu, Stefan-Gheorghe, Edited by: England, D., WHOLE BODY INTERACTION Book Series: Human-Computer Interaction Series Pages: 163-172 Published:2011
41. Middleware Based Model of Heterogeneous Systems for SCADA Distributed Applications, By: Gaitan, Nicoleta-Cristina; Gaitan, Vasile Gheorghita; Pentiu, Stefan Gheorghe; et al., ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 10 Issue: 2 Pages: 121-124 Published: 2010
42. Analysis of Huge Volume of Documents on a Hybrid HPC Cluster, By: Pentiu, Stefan-Gheorghe; Ungurean, Ioan, Edited by: Essaaidi, M; Malgeri, M; Badica, C., Conference: 4th International Symposium on Intelligent Distributed Computing Location: Tangier, MOROCCO Date: SEP, 2010, Sponsor(s): IEEE Morocco Sect; Univ Craiova, Software Engr Dept, Fac Automat Comp & Elect., INTELLIGENT DISTRIBUTED COMPUTING IV Book Series: Studies in Computational Intelligence Volume:315 Pages: 275-282 Published: 2010
43. Using Resources Provided by Cell Broadband Engine in order to Develop an Application of Hierarchical Data Clustering, By: Ungurean, Ioan; Pentiu, Stefan-Gheorghe; Gaitan, Vasile Gheorghita; et al., Edited by: Brad, R., Conference: 9th RoEduNet IEEE International Conference Location: Sibiu, ROMANIA Date: JUN 24-26, 2010, Sponsor(s): Minist Educ, Res & Innovat; ARNIEC/RoEduNet Agcy; IEEE Romanian Sect; Univ Sibiu, Lucian Blaga; BOROMIR; Confucius Inst, 9TH ROEDUNET IEEE INTERNATIONAL CONFERENCE Pages: 224-227 Published: 2010
44. Performance Evaluation of an Experimental Grid Computer using MPI Applications, By: Ungurean, I.; Pentiu, S. G.; Gaitan, V., Elektronika ir Elektrotechnika Issue: 5 Pages: 55-58 Published: 2009
45. Facilitating Selection and Travel Tasks in Virtual Environments using a Motion Sensitive Hand-Held Device, By: Vatavu, Radu-Daniel; Ungurean, Ovidiu-Ciprian; Pentiu, Stefan-Gheorghe, Edited by: Letia, IA, Conference: IEEE 5th International Conference on Intelligent Computer Communication and Processing Location: Cluj Napoca, ROMANIA Date: AUG 27-29, 2009, Sponsor(s): IEEE, 2009 IEEE 5TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING,

46. Modeling Shapes for Pattern Recognition: A Simple Low-Cost Spline-based Approach, By: Vatavu, Radu-Daniel; Pentiu, Stefan-Gheorghe; Grisoni, Laurent; et al., ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 8 Issue: 1 Pages: 67-71 Published: 2008
47. Mathematical analysis applied for of heart signals, By: Milici, L. D.; Pentiu, St. Gh.; Milici, M. R., Book Group Author(s): IEEE, Conference: 4th IEEE International Workshop on Intelligent Data Acquisition and Advanced Computing Systems Location: Dortmund, GERMANY Date: SEP 06-08, 2007 , Sponsor(s): Ternopil Natl Econ Univ, Res Inst Intelligent Comp Syst; Univ Appl Sci Dortmund; Deutsch Forschungsgemeinsch; REW Syst AG; IEEE Instrumentat & Management Soc; Res Inst Intelligent Comp Syst, IDAACS 2007: PROCEEDINGS OF THE 4TH IEEE WORKSHOP ON INTELLIGENT DATA ACQUISITION AND ADVANCED COMPUTING SYSTEMS: TECHNOLOGY AND APPLICATIONS Book Series: IEEE International Workshop on Intelligent Data Acquisition and Advanced Computing Systems-Technology and Applications-IDAACS Pages: 304-307 Published: 2007
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