

Listă lucrări

1. Lucrări ISI

Autori	Titlu	Sursa	WOS	FI
Vlădăreanu, V; Schiopu, P; Vlădăreanu, L	Theory And Application Of Extension Hybrid Force-Position Control In Robotics	University Politehnica Of Bucharest Scientific Bulletin-Series A-Applied Mathematics And Physics Volume: 76 Issue: 3 Pages: 43-54 Published: 2014 ISSN: 1223-7027	WOS:000340335100004	0.461
Vlădăreanu, V., Căpitanu, L., Vlădăreanu, L.	Neuro-Fuzzy Modelling of the Metallic Surface Characterization on Linear Dry Contact between Plastic Material Reinforced with SGF and Alloyed Steel	Materials (Basel, Switzerland), Volume 11, Issue 7, DOI:10.3390/ma11071181, Published: July 10, 2018, NLM Unique ID:101555929, ISSN:1996-1944	PubMed ID:29996527	2.467
Vlădăreanu, V; Dumitrache, I; Vlădăreanu, L; Sacala, IS; Tont, G; Moiescu, MA	Versatile Intelligent Portable Robot Control Platform Based on Cyber Physical Systems Principles	Studies In Informatics And Control Volume: 24 Issue: 4 Pages: 409-418 Published: Dec 2015, ISSN:1220-1766, eISSN: 1841-429X	WOS:000366543700005	1.02
Iliescu, M; Vlădăreanu, V*; Serbanescu, M; Lazar, M	Sensor Input Learning for Time-of-Flight Scan Laser	Control Engineering and Applied Informatics, Volume:19 Issue: 2 Pages: 51-60 Published: June 2017 ISSN: 1454-8658	WOS:000404695500006	0.698
Dumitriu, D; Munteanu, L; Brisan, C; Chiroiu, V; Vasii, RV; Melinte, O; Vlădăreanu, V	On the Continuum Modeling of the Tire/Road Dynamic Contact	CMES-Computer Modeling In Engineering & Sciences Volume: 94 Issue: 2 Pages: 159-173 Published: Aug 2013 ISSN: 1526-1492; eISSN: 1526-1506, FI: 1.183 în Aug 2013	WOS:000328307400003	1.183
Constantin, V; Carap, AC; Zaharia, L; Bobic, S; Ciudin, A; Bratila, E; Vlădăreanu, V; Socca, B	High correlation of lung ultrasound and chest X-ray after tube drainage in patients with primary spontaneous	European Surgery-Acta Chirurgica Austriaca Volume: 47 Issue: 4 Pages: 175-180 DOI: 10.1007/s10353-015-0333-9 Published: Aug 2015, ISSN: 1682-8631; eISSN: 1682-4016, FI 0.533 în Aug 2015	WOS:000358736300005	0.533

pneumothorax: can we omit X-rays for tube management?

Sandru, OI; Vlădăreanu, L;
Schiopu, P; Vlădăreanu,
V; Sandru, A

Multidimensional Extenics
Theory

University Politehnica Of Bucharest Scientific
Bulletin-Series A-Applied Mathematics And
Physics Volume: 75 Issue: 1 Pages: 3-12
Published: 2013 ISSN: 1223-7027

WOS:000315547300001 0.461

Feng, Y; Wang, H; Lu, T;
Vlădăreanu, V; Li, Q;
Zhao, C

International Journal of Advanced Robotic
Systems Volume: 13 Number: 2 Pages: 57-65
DOI: 10.5772/62445 Published: 2016 ISSN
1729-8806; eISSN 1729-8814

WOS:000372839300001 0.952

Wang, HB, Feng, YF, Yu,
HN, Wang, ZH,
Vlădăreanu, V, Du, YX

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Systems, Volume 5, Issue 3, Article Number:
1729881418776855, DOI:
10.1177/1729881418776855, May 17, 2018,
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WOS:000432614000001 0.952

Vlădăreanu, V;
Voiculescu, VG; Grosu,
VA; Vlădăreanu, L;
Travediu, AM; Yan, H;
Wang, HB; Ruse, L

Detection of Anomalous
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Sensors Volume: 20 Issue: 10 Article Nr: 2768
Doi: 10.3390/S20102768 Published: May 2020,
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Yan, H; Wang, HB;
Vlădăreanu, L; Lin, MS;
Vlădăreanu, V; Li, YG

Detection of Participation and
Training Task Difficulty
Applied to the Multi-Sensor
Systems of Rehabilitation
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Published: NOV 2019, PubMed ID: 31661870,
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WOS:000498834000078 3.275

* - autor corespondent

2. Lucrări ISI / BDI

Autori	Titlu	Sursa
Vlădăreanu, V; Boscoianu, C; Munteanu, RI; Yu, HN; Vlădăreanu, L	Dynamic control of a walking robot using the Versatile Intelligent Portable Robot Platform	2015 20th international conference on control systems and computer science Pages: 38-45 DOI: 10.1109/CSCS.2015.48 Published: 2015 : WOS:000380375200006 ISBN: 978-1-4799- 1780-8
Vlădăreanu, V; Munteanu, RI; Mumtaz, A; Smarandache, F; Vlădăreanu, L	The optimization of intelligent control interfaces using Versatile Intelligent Portable Robot Platform	International Conference On Communications, Management, And Information Technology (ICCMIT'2015) Book Series: Procedia Computer Science Volume: 65 Pages: 225-232 DOI: 10.1016/j.procs.2015.09.115 Published: 2015 WOS:000373831000026 ISSN: 1877-0509
Vlădăreanu, V; Schiopu, P; Sandru, OI; Vlădăreanu, L	Advanced Intelligent Control Methods in Open Architecture Systems for Cooperative Works on 4 Nano-Micro-Manipulators Platform	Advanced Topics In Optoelectronics, Microelectronics, And Nanotechnologies VII Book Series: Proceedings of SPIE Volume: 9258 Article Number: 925804 DOI: 10.1117/12.2070342 Published: 2015 WOS:000354179700004 ISSN: 0277-786X
Vlădăreanu, V; Schiopu, P; Deng, MC; Yu, HN	Intelligent Extended Control of the Walking Robot Motion	2014 International Conference On Advanced Mechatronic Systems (ICAMECHS) Book Series: International Conference on Advanced Mechatronic Systems Pages: 489-495 Published: 2014 WOS:000361466100091
Vlădăreanu, V; Schiopu, P; Cang, SA; Yu, HN; Deng, MC	Enhanced Extenics Controller for Real Time Control of Rescue Robot Actuators	2014 UKACC International Conference On Control (CONTROL) Pages: 725-730 Published: 2014 : WOS:000352626000124
Vlădăreanu, V; Smarandache, F; Vlădăreanu, L	Extension Hybrid Force-Position Robot Control in Higher Dimensions	OPTIROB 2013: Optimization Of The Intelligent Systems And Their Applications In Aerospace, Robotics, Mechanical Engineering, Manufacturing Systems, Biomechanics And Neurorehabilitation Book Series: Applied Mechanics and Materials Volume: 332 Pages: 260-269 DOI: 10.4028/www.scientific.net/AMM.332.260 Published: 2014 WOS:000345269700039 ISSN: 1660-9336

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Convergence of Information Technologies and Control Methods with Power Systems Volume: 2 Issue:1 Pages: 78-83 Published: Cluj-Napoca 2013 DOI:10.3182/20130522-3-RO- 4035.00044 ISSN: 1474-6670 (BDI: Scopus/Elsevier)

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Proceedings Of The American Conference On Applied Mathematics: Recent Advances In Applied Mathematics Book Series: Mathematics and Computers in Science and Engineering Pages: 510-518 Published: 2009 WOS:000279344900083 ISBN: 978-960-474-150-2

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Robots Extension Control using Fuzzy Smoothing

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The navigation of mobile robots in non-stationary and non-structured environments

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Multi-Sensors Systems Using Semi-Active Control for Monitoring and Diagnoses of the Power Systems

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Extended control of walking motion for use in an autonomous robot platform

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Extension Dynamical Stability Control Strategy for the Walking Robots

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An Active Support Instrument for Innovation in Deep Uncertainty - the Strategic Management Ingredients in Robotics and Mechatronics

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Modeling and Hybrid Position-Force Control of Walking Modular Robots

- Vlădăreanu, L,
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Versatile and Intelligent Portable Platform for
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- Cretu, A, Munteanu, R,
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Reliability Assessment of Linear Generator
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- Cretu, A, Munteanu, R,
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- Căpitanu, L; Vlădăreanu,
V; Vlădăreanu, L; Bădiță,
LL
A neural network approach to the steel surface
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- Vlădăreanu, L;
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Robot Extensics Control Developed by
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Volume: 16 Issue: 8 Pages: 99-107, DOI:

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Ciocirlan, A

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3. Brevete de invenție

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Vlădăreanu L, Velea L M, Munteanu R A, Siriteanu T, Munteanu M S, Tont G, Vlădăreanu V , Balas C, Tont D G, Melinte D O, Gal I A, Sireteanu T	Method for the dynamic control of a walking robot, involves computing of errors generated by position and force components on the freedom axes of a walking robot	RO125970-A0 ; EP2384863-A2 ; EP2384863-A3	Derwent Primary Accession Number: 2011-B55907
Moga D, Munteanu M S, Munteanu R A, Velea A L M, Velea L M, Vlădăreanu L, Vlădăreanu V	Real-time control method for flow tested actuators, involves processing function so that real-time control of trial actuator is obtained, without input signals to be generated by actuator to be tested through direct measuring	EP2077476-A1 ; RO125563-A2	Derwent Primary Accession Number: 2009-L33821
Munteanu R I, Vlădăreanu L, Sandru O I, Velea L M, Yu H, Mastorakis N, Tont G, Diaconescu E, Munteanu R A, Vlădăreanu V , Sandru A, Vlădăreanu L, Munteanu R I, Shuang C, Hongnian Y, Hongbo W, Vlădăreanu V , Hou Z, Melinte O, Wang X, Bia G, Feng Y	Method and device for actuating and controlling inertial mobile robots	RO126268-A2	Derwent Primary Accession Number: 2011-G56033
Vlădăreanu L, Munteanu R I, Sireteanu T, Albu E, Vlădăreanu V , Munteanu R A, Cononovici B S, Iliescu M, Melinte O, Gal I A, Mitroi D, Chenaru O	Method And Device For Haptic Robot Control On Uneven Ground And Uncertain Environment	RO130159-A0	Derwent Primary Accession Number: 2015-27382F
	Method And Device For Developing Control Interfaces For Mechatronic Systems In Virtual Reality Environment	RO131524-A0	Derwent Primary Accession Number: 2016-73518X
Vlădăreanu L, Vlădăreanu V	Method And Device For Acoustic And Tactile Perception Of Space	RO129857-A0	Derwent Primary Accession Number: 2015-10393J

Vlădăreanu L, Cai W, Munteanu R I, Yan C, **Vlădăreanu V**, Munteanu R A, Li W, Smarandache F, Gal I A
 Method And Device For The Extended Hybrid Force-Position Control Of Robotic And Mechatronic Systems
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Sandru O I, Munteanu R I, Vlădăreanu L, Velea L M, Schiopu P, Munteanu M S, Sandru A, Tont G, **Vlădăreanu V**, Bacalu I, Stanciu L
 Method And Device Of Propulsion Without Own Energy Source For Mobile Systems
 RO126583-A2
 Derwent Primary Accession Number: 2011-Q13223

Vlădăreanu L, Munteanu R I, Sireteanu T, Dumitrache I, Iliescu M, Cononovici B S, **Vlădăreanu V**, Munteanu R A, Melinte O, Gal I A, Barbu V, Munteanu M S, Mitroi D, Moiescu M, Chenaru O, Ionel M, Sacala I S, Florea G
 Method And Device For Hybrid Speed-Position Control With Applications In Intelligent Control Platforms
 RO131780-A0
 Derwent Primary Accession Number: 2017-272243

4. Monografii / cărți de specialitate

Autori	Titlu	Sursa
Vlădăreanu, V	Metode avansate de control inteligent în robotică și mecatronică. Aplicații ale Teoriei Extenicii în controlul inteligent al roboților	Editura MEDIAMIRA, ISBN 978-973-713-367-0, pp.160, iulie 2018
Vlădăreanu, V	Algoritmi inteligenți în robotică și mecatronică	Editura MEDIAMIRA, ISBN 978-973-713-366-3, pp.204, august 2018

5. Manifestări științifice

Autori	Titlu	Conferință	Data	Loc
Vlădăreanu, L; Tont, G; Ion, I; Vlădăreanu, V ; Mitroi, D	Modeling and Hybrid Position-Force Control of Walking Modular Robots	American Conference on Applied Mathematics	Jan 27-29, 2010	Harvard Univ, Cambridge, SUA

Smarandache, F, Vlădăreanu, V	Applications of Extenics to 2D-Space and 3D-Space	6th Conference on Software, Knowledge, Information Management and Applications (SKIMA 2012)	Sep 21-23, 2012	Chengdu, China
Vlădăreanu, L., Tont, G., Vlădăreanu, V. , Smarandache, F., Capitanu, L	The navigation mobile robot systems using Bayesian approach through the virtual projection method,	International Conference on Advanced Mechatronic Systems (ICAMEchS 2012)	Sep 18-21, 2012	Tokyo, Japan
Vlădăreanu, L, Vlădăreanu, V , Șchiopu, P	Hybrid Force-Position Dynamic Control of the Robots Using Fuzzy Applications	2nd International Conference on Biomechanics, Neuro rehabilitation, Mechanical Engineering, Manufacturing Systems, Robotics and Aerospace (ICMERA 2012)	Nov 15-17, 2012	București, România
Vlădăreanu, L, Șandru, OI, Vlădăreanu, V	The Robot Real Time Control using the Extenics Multidimensional Theory	1st International Conference on Mechanical and Robotics Engineering (MREN 2013)	May 14-16, 2013	Vouliagmeni, Greece
Vlădăreanu, V ; Smarandache, F; Vlădăreanu, L	Extension Hybrid Force-Position Robot Control in Higher Dimensions	8th IEEE/IACSIT/SCIEI International Conference on Optimization of the Intelligent Systems and Their Applications in Aerospace, Robotics, Mechanical Engineering, Manufacturing Systems, Biomechatronics and Neurorehabilitation (OPTIROB 2013)	Jun 20-23, 2013	Constanța, România
Vlădăreanu, V ; Șchiopu, P; Deng, MC	Robots Extension Control using Fuzzy Smoothing	International Conference on Advanced Mechatronic Systems (ICAMEchS 2013)	Sep 25-27, 2013	Luoyang, Peoples R China
Vlădăreanu, L, Sandru, OI, Vlădăreanu, V	Extension Hybrid Force-Position Control of Mechatronics Systems	INTERNATIONAL SYMPOSIUM ON EXTENICS AND INNOVATION METHOD (ISEIM 2013)	Aug 16-18, 2013	Beijing, China
Vlădăreanu, V ; Schiopu, P; Sandru, OI; Vlădăreanu, L	Advanced Intelligent Control Methods in Open Architecture Systems for Cooperative Works on 4 Nano-Micro-Manipulators Platform	7th International Conference on Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies (ATOM-N 2014)	Aug 21-24, 2014	Constanța, România
Vlădăreanu, V ; Schiopu, P; Deng, MC; Yu, HN	Intelligent Extended Control of the Walking Robot Motion	International Conference on Advanced Mechatronic Systems (ICAMEchS 2014)	Aug 10-12, 2014	Kumamoto, Japan

Vlădăreanu, V; Schiopu, P; Cang, SA; Yu, HN; Deng, MC	Enhanced Extenjes Controller for Real Time Control of Rescue Robot Actuators Applications Of The Virtual Intelligent Portable Vipro Platform For 3d Contact Problems With Friction In The Humanoid Robots Control	United-Kingdom-Automatic-Control-Council (UKACC) 10th International Conference on Control (CONTROL)	Jul 09-11, 2014	Loughborough, United Kingdom
Gal, IA, Pop N, Vlădăreanu, V, Iliescu M, Vlădăreanu, L	Dynamic control of a walking robot using the Versatile Intelligent Portable Robot Platform An Active Support Instrument for Innovation in Deep Uncertainty - the Strategic Management Ingredients in Robotics and Mechatronics The optimization of intelligent control interfaces using Versatile Intelligent Portable Robot Platform	6th International Conference Computational Mechanics and Virtual Engineering (COMEC 2015) 20th International Conference on Control Systems and Computer Science 2015 (CSCS 2015)	Oct 15 - 16, 2015	Braşov, România
Vlădăreanu, V; Boscoianu, C; Munteanu, RI; Yu, HN; Vlădăreanu, L	Control Strategies for Synchronous Generation of Resistive Loads Correlated to the Robot Motion Environment	International Conference on Communications, Management, and Information Technology (ICCMIT 2015)	May 27-29, 2015	Bucureşti, România
Boscoianu, M; Cioaca, C; Vlădăreanu, V; Boscoianu, CE	Robot System Identification using 3D Simulation Component Applied on VIPRO Platform	International Conference on Advanced Mechatronic Systems (ICAMechS 2016)	Apr 20-22, 2015	Prague, Czech Republic
Vlădăreanu, V; Munteanu, RI; Mumtaz, A; Smarandache, F; Vlădăreanu, L	Control Strategies for Synchronous Generation of Resistive Loads Correlated to the Robot Motion Environment	International Workshop on Cyber Physical Systems (IWocPS-2016)	Nov. 30 - Dec. 3, 2016	Melbourne, Australia
Vlădăreanu, L; Smarandache, F; Ali, M; Vlădăreanu, V; Deng, M	Modelling Inverse Kinematics for Virtual Environment Robot Simulation	The 21th International Conference on Control Systems and Computer Science (CSCS 2017)	May 26-27 2016	Bucureşti, România
Cononovici, SB; Vlădăreanu, V; Wang, H; Feng, Y			May 29 - 31, 2017	Bucureşti, România
Vlădăreanu, V; Cononovici, SB; Munteanu, RI; Wang, H; Feng, Y; Vlădăreanu, L				

Vlădăreanu, V; Cononovici,
SB

Application for Position and Load
Reference Generation of a Simulated
Mechatronic Chain

International Conference on Communications,
Management, and Information Technology
(ICCMIT 2017)

April,
3-5,
2017
Warsaw,
Poland

Vlădăreanu, V; Mitroi, D;
Migdalovici, M; Wang, H;
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The Functional and Experimental
Model for Extremis Simulations of
the Mobile Robots

International Conference on Modelling and
Optimisation in the fields of Aerospace,
Astronautics, Robotics, Mechanical
Engineering, Manufacturing Systems, New
Technology of Materials, Non Conventional
Energy and Neurorehabilitation (OPTIROB
2017)

June
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July
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2017
Jupiter,
România

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Neutrosophic Application for
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The 2017 IEEE International Conference on
INnovations in Intelligent SysTems and
Applications (INISTA 2017)

July
3-5,
2017
Gdynia,
Poland