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Citation Index - Web of Science и Scopus
1980. - септембар 2016.**

**Проф. др Новак Недић
Укупно хетероцитата (без самоцитата): 30**

V. Filipovic and N. Nedic (2010)

Stability of switched stochastic nonlinear systems. In: M. Mulder (Ed., 2010): *Air Traffic Control*, Rijeka: SCIO

Record 1 of 1

By: Filipovic, V (Filipovic, V.)

Title: Global exponential stability of switched systems

Source: APPLIED MATHEMATICS AND MECHANICS-ENGLISH EDITION

Volume: 32

Issue: 9

Pages: 1197-1206

DOI: 10.1007/s10483-011-1493-7

Published: SEP 2011

ISSN: 0253-4827

Dj. Dihovicni, N. Nedic (2008): Simulation, animation and program support for a high performance pneumatic force actuator system, *Mathematical and Computer Modeling*, 48(5-6): 761-768, DOI:10.1016/j.mcm.2007.11.013, ISSN 0895-7177 (M21)

Record 1 of 8

By: Duan, JH (Duan, Jihao); Zhang, YM (Zhang, Youmin); Shi, YY (Shi, Yaoyao)

Title: Belt grinding process with force control system for blade of aero-engine

Source: PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE

Volume: 230

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Record 2 of 8

By: Kutin, J (Kutin, J.); Bobovnik, G (Bobovnik, G.); Bajsic, I (Bajsic, I.)

Title: Heat exchange effects on the performance of a clearance-sealed piston prover for gas flow measurements

Source: METROLOGIA

Volume: 52

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Record 3 of 8

By: Dihovicni, DN (Dihovicni, Djordje N.)

Edited by: FernandezIzquierdo, MA (FernandezIzquierdo, MA); MunozTorres, MJ (MunozTorres, MJ); Leon, R (Leon, R)

Title: Application of Finite Spectrum Assignment Method on Distillation Column

Source: MODELING AND SIMULATION IN ENGINEERING, ECONOMICS, AND MANAGEMENT

Book Series Title: Lecture Notes in Business Information Processing

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Record 4 of 8

By: Dihovicni, DN (Dihovicni, Djordje N.)

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Record 5 of 8

By: Kutin, J (Kutin, Joze); Bobovnik, G (Bobovnik, Gregor); Bajsic, I (Bajsic, Ivan)

Title: Dynamic effects in a clearance-sealed piston prover for gas flow measurements

Source: METROLOGIA

Volume: 48

Issue: 3

Pages: 123-132

DOI: 10.1088/0026-1394/48/3/006

Published: JUN 2011

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6 Svete, A., Štefe, M., Maček, A., Kutin, J., Bajsić, I.
Dynamic pressure generator for dynamic calibrations at different average pressures based on a double-acting pneumatic actuator
(2016) Sensors and Actuators, A: Physical, 247, pp. 136-143.

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(2015) XXI IMEKO World Congress "Measurement in Research and Industry", .

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V. Filipovic, N.Nedic, V.Stojanovic (2011): Robust identification of pneumatic servo actuators in the real situations, Forschung Ingenieurwesen 75(4): 183–196, DOI: 10.1007/s10010-011-0144-5, ISSN: 0015-7899 (M23)

Record 1 of 1

By: Stojanovic, V (Stojanovic, Vladimir); Filipovic, V (Filipovic, Vojislav)

Title: Adaptive Input Design for Identification of Output Error Model with Constrained Output

Source: CIRCUITS SYSTEMS AND SIGNAL PROCESSING

Volume: 33

Issue: 1

Pages: 97-113

Published: JAN 2014

ISSN: 0278-081X

eISSN: 1531-5878

N.Nedic, Lj. Dubonjic, V. Filipovic (2011): Design of constant gain controllers for the hydraulic control system with a long transmission line, Forschung Ingenieurwesen, 75(4): 231–242, DOI: 10.1007/s10010-011-0143-6, ISSN: 0015-7899 (M23)

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Research on characteristics for hydraulic type floor-wind turbine with long transmission pipeline

(2016) Huazhong Keji Daxue Xuebao (Ziran Kexue Ban)/Journal of Huazhong University of Science and Technology (Natural Science Edition), 44 (5), pp. 108–113.

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1. Avram, M., Constantin, V., Rizescu, C.I.

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(2014) Romanian Review Precision Mechanics, Optics and Mechatronics, (45), pp. 63–67.

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Record 1 of 5

By: Olabanji, O (Olabanji, Olayinka); Mpofo, K (Mpofo, Khumbulani); Battaia, O (Battaia, Olga)

Title: Design, simulation and experimental investigation of a novel reconfigurable assembly fixture for press brakes

Source: INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY

Volume: 82

Issue: 1-4

Pages: 663-679

Published: JAN 2016
ISSN: 0268-3768
eISSN: 1433-3015

Record 2 of 5

By: Zaji, AH (Zaji, Amir Hossein); Bonakdari, H (Bonakdari, Hossein); Karimi, S (Karimi, Sohrab)
Title: Radial Basis Neural Network and Particle Swarm Optimization-based equations for predicting the discharge capacity of triangular labyrinth weirs
Source: FLOW MEASUREMENT AND INSTRUMENTATION
Volume: 45
Pages: 341-347
Published: OCT 2015
ISSN: 0955-5986
eISSN: 1873-6998

Record 3 of 5

By: Zhang, YD (Zhang, Yudong); Wang, SH (Wang, Shuihua); Ji, GL (Ji, Genlin)
Title: A Comprehensive Survey on Particle Swarm Optimization Algorithm and Its Applications
Source: MATHEMATICAL PROBLEMS IN ENGINEERING
Article Number: 931256
Published: 2015
ISSN: 1024-123X
eISSN: 1563-5147

4. Yao, J., Zhang, L., Chen, S., Wan, Z., Wang, T., Niu, Q.
Translational shaking tests achieved on a 6-DOF hydraulic parallel manipulator
(2016) Industrial Robot, 43 (1), pp. 103-111.

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Analytical tuning method for cascade control system via multi-scale control scheme
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Actuator dynamics compensation for real-time hybrid simulation: an adaptive approach by means of a nonlinear estimator
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V. Stojanovic, N. Nedic (2016): Robust Kalman filtering for nonlinear multivariable stochastic systems in the presence of non-Gaussian noise, International Journal of Robust and Nonlinear Control 26(3): 445-460, DOI: 10.1002/rnc.3319, ISSN: 1049-8923 (M21)

Record 1 of 4

By: Wang, YJ (Wang, Yanjiao); Ding, F (Ding, Feng)
Title: The auxiliary model based hierarchical gradient algorithms and convergence analysis using the filtering technique

Source: SIGNAL PROCESSING
Volume: 128
Pages: 212-221
DOI: 10.1016/j.sigpro.2016.03.027
Published: NOV 2016
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eISSN: 1879-2677
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Record 2 of 4

By: Shmaliy, YS (Shmaliy, Yuriy S.); Khan, S (Khan, Sanowar); Zhao, SY (Zhao, Shunyi)
Title: Ultimate iterative UFIR filtering algorithm
Source: MEASUREMENT
Volume: 92
Pages: 236-242
DOI: 10.1016/j.measurement.2016.06.029
Published: OCT 2016
ISSN: 0263-2241
eISSN: 1873-412X

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Robust derivative-free cubature kalman filter for bearings-only tracking
(2016) Journal of Guidance, Control, and Dynamics, 39 (8), pp. 1865-1870.

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Robust unscented Kalman filter with adaptation of process and measurement noise covariances
(2016) Digital Signal Processing: A Review Journal, 48, pp. 93-103.

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Record 1 of 3

By: Dihovicni, DN (Dihovicni, Djordje N.)
Title: Decision Making and Fundamental Matrix approach in Process Safety
Source: INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS
Volume: 6
Issue: 4
Pages: 658-668
Published: JUL 2013
ISSN: 1875-6883

2. Dihovicni, D.N.
Analysis of practical stability for time delay and distributed parameter systems
(2011) Komunikacie, 13 (3), pp. 71-76.

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Constructing knowledge database in decision making
(2011) Komunikacie, 13 (2), pp. 74-77.

DJ.N.Dihovicni, N.N. Nedić, “Program Support for Distributed Control Systems on Finite Space Interval” International Journal of Intelligent Technology, Volume 2, Number 1, 2007, ISSN 1305-6417

Record 1 of 2

By: Dihovicni, DN (Dihovicni, Djordje N.)

Edited by: FernandezIzquierdo, MA (FernandezIzquierdo, MA); MunozTorres, MJ (MunozTorres, MJ); Leon, R (Leon, R)

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Pršić Dragan, Nedić Novak, Dubonjić Ljubiša, Đorđević Vladimir, „Bond Graph Modeling In Simscape“ International Journal of Mathematics and Computers in Simulation, Vol. 6, Issue 2 (2012), pp. 239-247. ISSN: 1998-0159

Record 1 of 1

By: Nauparac, DB (Nauparac, Dragan B.); Prsic, DH (Prsic, Dragan H.); Milos, MV (Milos, Marko V.); Todici, IS (Todici, Ivana S.)

Title: DIFFERENT MODELING TECHNOLOGIES OF HYDRAULIC LOAD SIMULATOR FOR THRUST VECTOR CONTROL ACTUATOR

Source: TEHNICKI VJESNIK-TECHNICAL GAZETTE

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rad sa konferencije

Dihovicni, N.Dj....Nedic, N.	Conference: 32-nd Yupiter Conference Location: Zlatibor Title: Stability of Distributed Parameter Systems on Finite Space Interval	2006			306
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Record 2 of 2

By: Dihovicni, D (Dihovicni, Djordje); Medenica, M (Medenica, Miroslav)

Edited by: Buratti, SS (Buratti, SS)

Title: Decision Making in Process Safety

Source: CISAP4: 4TH INTERNATIONAL CONFERENCE ON SAFETY & ENVIRONMENT IN PROCESS INDUSTRY

Book Series Title: Chemical Engineering Transactions

Pages: 427-432 Volume: 19

Published: 2010

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