

Lista lucrărilor publicate

Pop Septimiu-Sever

a) Lucrări relevante

1. **Septimiu Pop, Vlad Bande, Dan Pitica**, "Analyzing a Vibrating Wire Transducer using Coupling Resonator Circuits" *Advances in Electrical and Computer Engineering (AECE) Issue 3, Volume 15, August 2015, pp. 87-92. ISSN: 1582-7445.WOS 000360171500012*
2. **Pop, Septimiu; Ciascai, Ioan; Bande, Vlad**; "High Accuracy Method for Measurement of Vibrating Wire Transducer" *2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 361-364 Published: 2013 ISBN:978-1-4799-0036-7, ISSN: 2161-2528, WOS:000374113900069*
3. **Pop, Septimiu; Bande, Vlad; Pitica Dan**; "Six channel AC/DC current data logger used in industrial application", published IEEE, *19TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME) Pages: 223-226 Published: 2013, ISBN: 978-1-4799-1555-2, WOS:000347562900038*
4. **Bande, Vlad; Pop, Septimiu; Viman, Liviu**; "Behavioral Model and a MatLAB Simulation Interface of Vibrating Wire Transducers", published IEEE, *2009 32ND INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY ISSE Pages: 492-497 Published: 2009, ISBN: 978-1-4244-4260-7: WOS:000277445500099*
5. **Pop, Septimiu; Ciascai, Ioan**; "Compensate for four-wire sensor errors", *EDN Volume: 56 Issue: 13 Pages: 43-+ Published: JUL 14 2011, ISSN: 0012-7515, Accession Number: WOS:000293052000007*
6. **Pop, S., Pitica, D., Ciascai, I.** "Building management system based on image sensor" *SIITME 2009 - 15th International Symposium for Design and Technology of Electronics Packages 2009, Article number 5407361, Pages 261-264, ISBN: 978-142445133-3, DOI: 10.1109/SIITME.2009.5407361*
7. **Pop, Septimiu; Pitica, Dan; Ciascai, Ioan**; "A correlation method for improving temperature sensors measurements", published IEEE, *30TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY ISSE Pages: 342-345 , DOI: 10.1109/ISSE.2007.4432876, ISBN: 978-1-4244-1217-4, WOS:000255232500066*
8. **Viman Liviu; Dabacan Mircea; Ciascai Ioan; Septimiu Pop** "Embedded microcontroller system for reading inductive telependulum", published IEEE, *30TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY ISSE, Cluj Napoca, ROMANIA, Pages: 425-428 Published: 2007, DOI: 10.1109/ISSE.2007.4432893, ISBN:978-1-4244-1217-4 Accession Number: WOS:000255232500083*



9. Ciascai, Ioan; Pop, Septimiu; Liviu, Viman; Dabacan, Mircea; "An accurately method for measuring resistive transducers from hydro-energetic constructions" 28TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY ISSE Pages: 51-54 Published: 2005, MAY 19-22, 2005, Vienna Neustadt, AUSTRIA, ISBN: 0-7803-9324-4 Accession Number: WOS:000232402300011
10. Ioan, Ciascai; Donciu, Ovidiu; Septimiu, Pop "Laser based displacement measurements using image processing" International Spring Seminar on Electronics Technology ISSE Pages: 372-376 Published: 2007 SBN:978-1-4244-1217-4 WOS:000255232500072

b) Teza de doctorat

CONTRIBUȚII LA DEZVOLTAREA UNOR SISTEME DEDICATE PENTRU MĂSURĂTORI ÎN CONSTRUCȚII, Conducător științific: Prof.dr.ing. Dan PITICĂ

c) Cărți

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- 2 Liviu Viman, Pop Septimiu, Ciascai Ioan Sisteme de Achiziție de Date, Măsurarea traductoarelor cu coardă vibrantă și rezistive din construcțiile hidrotehnice ISBN 978-973-713-332-8, 2015. Editura Mediamira Cluj Napoca,
- 3 Liviu Viman, Pop Septimiu SISTEME DE ACHIZIȚIE DE DATE Dezvoltare de aplicații cu LabVIEW FPGA și Spartan-3E Starter Kit Board, Cluj-Napoca : U.T.Press, 2015 ISBN: 978-606-737-042-3
- 4 Liviu Viman, Pop Septimiu DATA ACQUISITION SYSTEMS Applications development with LabVIEW FPGA and Spartan-3E Starter Kit Board, Cluj-Napoca : U.T.Press, 2015, ISBN: 978-606-737-043-0

d) Lista completă de lucrări

- 1 **Septimiu Pop, Vlad Bande, Dan Pitica** "Analyzing a Vibrating Wire Transducer using Coupling Resonator Circuits" *Advances in Electrical and Computer Engineering (AECE) Issue 3, Volume 15, August 2015, pp. 87-92. ISSN: 1582-7445. WOS 000360171500012*
- 2 **Pop, Septimiu; Ciascai, Ioan;** "Compensate for four-wire sensor errors", *EDN Volume: 56 Issue: 13 Pages: 43-+ Published: JUL 14 2011, ISSN: 0012-7515, Accession Number: WOS:000293052000007*
- 3 **Pop Septimiu, Bande Vlad, Baciu Ionel** "Wireless Diagnosis and Monitoring System of Sensor Network form Civil Structures", 2016 IEEE 22th International Symposium for Design and Technology in Electronic Packaging (SIITME), Oct. 2016, ISBN:978-1-5090-4446-7, WOS:000390557400019
- 4 **Baciu Ionel, Septimiu Pop, Vlad Bande** "Analysing of Half-Bridge inverter Using the Simulink Platform", 2016 IEEE 22th International Symposium for Design and Technology in Electronic Packaging (SIITME), Oct. 2016, ISBN:978-1-5090-4446-7, WOS:000390557400031
- 5 **Pop, S (Pop, S.); Bande, V (Bande, V.); Pitica, D (Pitica, D.)** "PSpice Models of Resistive Transducers Used in Building Management" 2014 IEEE 20TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME), Pages: 163-166, Conference Date: OCT 23-26, 2014, Bucharest, ROMANIA, ISBN: 978-1-4799-6962-3, Accession Number: WOS:000358258300029
- 6 **Bande, Vlad; Pop, Septimiu; Pitica, Dan** "Electrical Model of a Capacitive Based Level Sensor" 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 333-338 Published: 2013, ISBN:978-1-4799-0036-7, ISSN: 2161-2528, WOS:000374113900064
- 7 **Pop, Septimiu; Ciascai, Ioan; Bande, Vlad;** "High Accuracy Method for Measurement of Vibrating Wire Transducer" 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 361-364 Published: 2013 ISBN:978-1-4799-0036-7, ISSN: 2161-2528, WOS:000374113900069
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- 9 **Bande, V (Bande, V.); Pop, S (Pop, S.); Pitica, D (Pitica, D.)** "Smart Diagnose Procedure for Data Acquisition Systems Inside Dams" 2014 IEEE 20TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME), Pages: 179-182, OCT 23-26, 2014, Bucharest, ROMANIA, ISBN: 978-1-4799-6962-3 Accession Number: WOS:000358258300032

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- 11 **Pop, Septimiu;** "A correlation method for improving temperature sensors measurements",
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(Mircea, D); MEETING THE CHALLENGES OF ELECTRONICS
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- 17 **Pop, Septimiu;** "Analyze of the Environment Temperature Effect over Hydro-energetic
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Data

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Semnătura

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