Nume Prenume: Maican Camelia-Adela

Gradul didactic: S.l. dr. ing.

Instituția unde este titular: Universitatea din Craiova

Facultatea: Automatică, Calculatoare şi Electronică

Departamentul: Automatică şi Electronică

# L I S T A
## lucrărilor ştiinţifice în domeniul disciplinelor din postul didactic

**A.  Teza de doctorat**

   Titlul: Algoritmi pentru detecţia şi localizarea defectelor în sistemele energetice mari. Conducere în regim de defect.

Coordonator: Prof. dr. ing.  Mircea Ivănescu

Domeniul: Automatică

Data susţinerii: 15 iulie 2009

**B.  Cărţi si capitole în cărţi**

1.  **Maican Camelia**, Detecţia şi localizarea defectelor în sistemele dinamice. Studii teoretice şi experimentale, Ed. SITECH, 2015, Craiova

2.  Canureci Gabriela, Vinatoru Matei, **Maican Camelia**, Detectia si localizarea defectelor in sistemele dinamice, Ed. SITECH, Craiova, 333pagini, ISBN 978-606-11-2905-8, 2012

3.  **Maican Camelia**, Vinatoru Matei, Canureci Gabriela,  Conducerea in regim de defect a grupului termoenergetic, Ed. SITECH, Craiova, 246 pagini, ISBN 978-606-11-1995-0, 2011

4.  Vinatoru Matei, Iancu Eugen,  Canureci Gabriela, **Maican Camelia**, Conducerea automata a proceselor industriale - Indrumar de proiectare si laborator vol. 2, EUC, Craiova, 220 pagini, ISBN 978-973-742-773-1, 2008

5.  Vinatoru Matei, Iancu Eugen, **Maican Camelia**, Canureci Gabriela, Conducerea automata a proceselor industriale - Indrumar de proiectare si laborator vol. 1, EUC, Craiova, 224 pagini, 978-973-742-774-8, 2007

6.  **Maican Camelia**, Vinatoru Matei, Canureci Gabriela, Managementul proiectelor - Indrumar de laborator, EUC, Craiova, 129 pagini, ISBN 978-973-742-511-9, 2006

**C.  Lucrări indexate ISI/BDI**

1. **Maican Camelia**, 2014, Fault Detection in Superheater Using dSpace and Electronic Simulator, Annals of the University of Craiova, Series: Automation, Computers, Electronics and Mechatronics, Vol. 11 (38) No.1/2014, ISSN 1841-0626, pg. 23-28.

2. **Maican Camelia**, Faults Detection and Level Control in Coupled Tanks, ACTA Universitatis Cibiniensis. Vol. 67, Issue 1, Pages 155–161, ISSN Online 1583-7149, DOI: 10.1515/aucts-2015-0082.

3. Matei Vinatoru, **Camelia Maican**, Corneliu Vinatoru, Fault detection and isolation for hydropower systems using adaptive residual approach, 17th International Conference on System Theory, Control and Computing Joint Conference SINTES 17, SACCS 13, SIMSIS 17, 11 - 13 October 2013, Sinaia, Romania. WOS:000330660500089

4. Matei Vinatoru, **Camelia Maican**, Corneliu Vinatoru, Level Control Using a Feed-Forward Structure, 19th International Conference On Control Systems And Computer Science - CSCS19 29-31 mai Bucuresti, Romania, 2013, pg. 24-29 WOS:000328493800004.

5.**Camelia Maican**, Matei Vinatoru, Eugen Iancu, Gabriela Canureci, (2008), Fault detection and isolation based on system feedback, 2008 IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2008 - THETA 16th edition, 22 – 24 mai Cluj Napoca, Romania, Proceedings vol.1, pag. 127 - 131, ISBN 978-1-4244-2576-1

6. Gabriela Canureci, Matei Vinatoru, **Camelia Maican**, Eugen Iancu, Faults digital library in burning process, (2008), IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2008 - THETA 16th edition, 22 – 24 mai Cluj Napoca, Romania, Proceedings vol.1, pag. 121 - 126, ISBN978-1-4244-2576-1

7. Canureci Gabriela, Vinatoru Matei, **Camelia Maican**, Iancu Eugen, Additive Faults Detection and Level Control in Coupled Tanks, 12th WSEAS International Conference on SYSTEMS Location: Heraklion, GREECE Date: JUL 22-24, 2008, Book Series: Mathematics and Computers in Science and Engineering, pg.240-245, ISBN:978-960-6766-83-1

8. Matei Vinatoru, Eugen Iancu, **Camelia Maican**, Gabriela Canureci, (2008), Control System for Kaplan Hydro-Turbine, 4th WSEAS/IASME International Conference on Dynamical Systems and Control, (CONTROL'08), Corfu, Grecia, 26-28 Octombrie, pag. 73-78, ISBN 978-960-474-014-7

9. **Camelia Maican**, Gabriela Canureci, Matei Vinatoru, Eugen Iancu, (2008), Lab Platform for the Steam Superheater Electronic Simulator, 4th WSEAS/IASME International Conference on Dynamical Systems and Control, (CONTROL'08), Corfu, Grecia, 26-28 Octombrie, pag. 79-84, ISBN 978-960-474-014-7

10. Matei Vinatoru, Eugen Iancu, Gabriela Canureci, **Camelia Maican**,  Advanced control of aerobic industrial wastewater treatment, 4th International Conference on Informatics in Control, Automation and Robotics- ICINCO 2007, Vol. SPSMC: Signal Processing, Systems Modeling And Control, 9-12 mai, Angers, Franta, pg. 165-170, ISBN:978-972-8865-84-9

11. Matei Vinatoru, Gabriela Canureci, **Camelia Maican**, Eugen Iancu, Level and temperature control study using Festo kit in a laboratory stand, 9th International Conference on Mathematical Methods And Computational Techniques In Research And Education, Book Series: , 13-15 Oct. 2007 Arcachon, Franta, pg. 247-252, ISBN:978-960-6766-08-4, ISSN: 1790-5117

12. **Camelia Maican**, Matei Vinatoru, Gabriela Canureci, Eugen Iancu, Control System Simulator for Steam Boiler Parameters, 12th WSEAS International Conference on SYSTEMS Location: Heraklion, GREECE JUL 22-24, 2008,Book Series: Mathematics and Computers in Science and Engineering Pages: 246-249, ISBN:978-960-6766-83-1

13. Matei Vinatoru, **Camelia Maican**, Gabriela Canureci, (2012), Heat exchange model for a power station boiler, 2012 IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2012 - THETA 18th edition, 24 – 26 may Cluj Napoca, Romania, Pages: 26-31, ISBN 978-1-4673-0703-1

14. **Camelia Maican**, Matei Vinatoru, Gabriela Canureci, (2012), Fault detection in steam superheater using residuals generator method, 2012 IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2012 - THETA 18th edition, 24 – 26 may Cluj Napoca, Romania, Pages: 228-233, ISBN 978-1-4673-0702-4

15. Gabriela Canureci, Matei Vinatoru, **Camelia Maican**, (2012), Fault detection and isolation method using adaptive residual generator, 2012 IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2012 - THETA 18th edition, 24 – 26 may Cluj Napoca, Romania, Pages: 222-227, ISBN 978-1-4673-0702-4

16. **Maican Camelia**, Rădulescu Virginia, Fault detection based on system feedback, Proceedings of the 23rd International Carpathian Control Conference ICCC 2022, 10.1109/ICCC54292.2022.9805893

17. Rădulescu Virginia, **Maican Camelia**, Algorithm for image processing using a frequency separation method, Proceedings of the 23rd International Carpathian Control Conference ICCC 2022, 10.1109/ICCC54292.2022.9805893

18. **Maican Camelia,** Rădulescu Virginia, Pană Cristina, Application of the residue method in steam superheater fault detection, Applied sciences, Volume 13, Issue 20 (October-2 2023), https://doi.org/10.3390/app132011476

19. **Camelia Maican**, Matei Vinatoru, Gabriela Canureci, Advanced Control and Fault Detection in Steam Super-heater, Annals of the University of Craiova, Series Automation, Computers, Electronics and Mechatronics, Vol. 8(35), No. 1, 2011, ISSN 1841-0626

20. **Camelia Maican**, Matei Vinatoru, Gabriela Canureci (2010), Fault detection and control in superheater using electronic simulator, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2010 - THETA 17th edition, 28 – 30 may Cluj Napoca, Romania, Proceedings vol.1, pag. 94-100 ISBN 978-1-4244-6722-8

21. Gabriela Canureci, **Camelia Maican**, Matei Vinatoru, Gabriel Vladut (2010), Experimental studies on Faults Detection using Residual Generator, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2010 - THETA 17th edition, 28 – 30 may Cluj Napoca, Romania, Proceedings vol.1, pag. 100, ISBN 978-1-4244-6722-8

22. Matei Vinatoru, Eugen Iancu, Gabriela Canureci, **Camelia Maican**,(2007) Fault detection methods for two inputs and two outputs control systems, IFAC Proceedings Vol.8, Nr. 8, pg. 260-265

23. Gabriela Canureci, **Camelia Maican**, Matei Vinatoru, (2006), Data acquisition and control software for the educational kit festo (level and temperature control) Annals of the University of Craiova, Electrical Engeneering series, No. 30 2006

24. **Camelia Maican**, Control of the water temperature at economizer for the 420t/h boiler, The International Symposium on System Theory, Automation, Robotics, Computers, Informatics, Electronics and Instrumentation, SINTES 12, 20-22 October 2005, Craiova, Romania, vol. 1, pg. 111-115, ISBN 973-742-148-5

25. **Camelia Maican**, Matei Vinatoru, Eugen Iancu, Gabriela Canureci, 2007, The Control of the Temperature in the Steam Overheater, International Symposium on Systems Theory SINTES 13, Craiova, Proceedings vol., pg.129-133, ISBN 978-973-742-839-4

26. Gabriela Canureci, **Camelia Maican**, Matei Vinatoru, Eugen Iancu, 2007, Digital Library of Burners Processes of Faults of the Boiler, International Symposium on Systems Theory SINTES 13, Craiova, Proceedings vol., pg.60-65, ISBN 978-973-742-839-4

27. Vinatoru Matei, Eugen Iancu, **Camelia Maican**, 2004, Practical aspects in modeling and control of rectifying columns, 2004 IEEE-TTTC-International Conference on Automation, Quality and Testing, Robotics AQTR 2004, Cluj-Napoca, 13-15 mai 2004, vol. 1, pg. 117-122. Conferinţă organizată de Universitatea Tehnica din Cluj-Napoca, în colaborare cu Universitatea din Girona, Spania

28. **Camelia Maican**,2003, Control of the steam temperature in superheater, The International Symposium on System Theory, Automation, Robotics, Computers, Informatics, Electronics and Instrumentation, SINTES 11, Craiova, Proceedings ISBN: 973-8043-415-5, vol. 1

29. Matei Vinatoru, Eugen Iancu, **Camelia Maican**, Aspects Regarding Modeling And Control Of Energetic Groups, CONTI 2004

30. **Camelia Maican**, Gabriela Cănureci, Fault Detection in Educational Kit Festo, Annals Of The University Of Craiova Series: Automation, Computers, Electronics and Mechatronics, Vol. 12 (39), No. 1, 2015

31. Gabriela Canureci, **Camelia Maican**, Matei Vinatoru, Eugen Iancu, 2008, Power and Frecquency Control System Study, 4th WSEAS/IASME International Conference on Dynamical Systems and Control, (CONTROL'08), Corfu, Grecia, 26-28 Octombrie, pag. 153-158, ISBN 978-960-474-014-7

**D. Lucrări publicate în reviste şi volume de conferinţe cu referenţi**
   **(neindexate)**
      **- Reviste**
1.


      **- Selecţie cu maximum 20 lucrări în volume de conferinţe**
1.


**E.  Brevete obţinute în întreaga activitate**
1.



**Data: apr. 2024**                                        **Semnătura:**



E – Brevete (pentru întreaga activitate)