Marius Tomescu

CURRICULUM VITAE

Date personale

• Nume **Marius-Lucian Tomescu**

• Data naşterii: 1967, Arad, RO.

• E-mail: tom_uav@yahoo.com

• Web Address: http://www.uav.ro/en/people/exact-sciences/tomescu-marius

• Adresa: Department of Computer Science, "Aurel Vlaicu" University Complex Universitar M, Str. Elena Dragoi, nr.2, ARAD, Romania Phone: 00-40-(0)-257-219000 (cab. 81)

Studii

• 1993: licenţiat al Facultăţii de Matematică, Universitatea de Vest din Timişoara, Romania, specializarea Informatică, (www.math.uvt.ro/eng/alumni/series/1992_93.html).

• 2008: elaborarea doctoratului la Universitatea Politehnica din Timişoara, Facultatea de Automatizări şi Calculatoare. Coordonator ştiinţific: Prof. Univ. Dr. Ştefan Preitl, titlul tezei: "Contribuţii la analiza şi dezvoltarea sistemelor cu regulatoare fuzzy aplicate în conducerea proceselor neliniare".

Calificativul: **CUM LAUDE.**

Experienţă profesională şi locurile de muncă relevante

2014 – în prezent Conf. univ. la Universitatea "Aurel Vlaicu" din Arad, Facultatea de Ştiinţe Exacte,

2009 – 2014 în prezent lector univ. la Universitatea "Aurel Vlaicu" din Arad, Facultatea de Ştiinţe Exacte,

2004 – 2008 asistent univ. la " Universitatea "Aurel Vlaicu" din Arad, Facultatea de Ştiinţe Exacte,

1999 – 2003 lector univ. la Universitatea "Aurel Vlaicu" din Arad, Departamentul de Matematică - Informatică,

1998 – 1999 asistent univ. la Universitatea "Aurel Vlaicu" din Arad, Departamentul de Matematică - Informatică,

Activitatea didactică

a) Cursuri predate la studii de licenţă:

• 2009- prezent: Arhitectura sistemelor de calcul, Fundamentele programării vizuale, Programarea calculatoarelor şi limbaje de programare, Modelare Matematică şi optimizare, Matematici Computaţionale, Sisteme Fuzzy – (cursuri + laboratoare).
• 2008-2009: Arhitectura sistemelor de calcul, Algoritmi şi Structuri de Date, Sisteme Expert – (cursuri + laboratoare).
• 2000-2007: Arhitectura sistemelor de calcul, Sisteme fuzzy, Reţele Neuronale - (cursuri + laboratoare).
2007-2008: Limbaje Formale, Programare Paralelă, Recunoaşterea Formelor, Complexitatea Calculului, Modelare Matematică şi optimizare, (laboratoare).
• 1993-2000: Principiile Programării, Arhitectura sistemelor de calcul, Algoritmi şi Structuri de Date - (cursuri + laboratoare).

b) Cursuri predate la studii de masterat

- 2011-2012: Sisteme fuzzy – (curs+laborator).

c) Cursuri predate în străinătate

- Teaching hours of lecture in the frame of Erasmus LLP program (Staff for Teaching Assignments) during the International Meeting organized in the period from: 27.04.2010 until 30.04.2010 at POLITECHNIKA OPOLSKA - OPOLE UNIVERSITY OF TECHNOLOGY.

Coordonator lucrări de licenţă şi disertaţie:

În medie coordonez cinci studenţi pentru lucrarea de licenţă şi cinci studenţi la lucrarea de disertaţie, în domeniile disciplinelor predate.

Certificări obţinute

- Certificat pentru absolvirea modulului de formare în management universitar "Managementul cercetării", organizat în cadrul proiectului strategic "Îmbunătăţirea Managementului Universitar". Cluj Napoca, 18 Martie 2011. Certificat nr. M10-52.

Membru in proiecte

Titlu proiect: „Realizarea unei reţele de consultanţă pentru firmele româno-maghiare" (TAMARO)
Finanţare: Programul de cooperare transfrontalieră Ungaria-România 2007-2013
nr. Proiect: HURO/0801/048
Perioada de derulare: 2010 (12 luni)

Valoare: Total – 74.056 eur, din care UAV – 35.323 eur

Domenii de cercetare ştiinţifică:

- Analiza stabilităţii sistemelor neliniare cu ajutorul sistemelor de control fuzzy;
- Soft Computing;
- .Net, ASP, ADO.Net

Participări ca membru în comitetele conferinţelor ştiinţifice internaţionale:

- Technical Program Committee Member: **SACI 2012 IEEE 7th International Symposium on Applied Computational Intelligence and Informatics,** May 24-26, 2012 "Politehnica" University of Timişoara, Romania.
  http://conf.uni-obuda.hu/saci2012/committees.htm
- Technical Program Committee Member: **SACI 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics, May 19-21, 2011,** "Politehnica" University of Timişoara, Romania.
  http://conf.uni-obuda.hu/saci2011/committees.htm
- Technical Program Committee Member: **ICCC-CONTI 2010 - IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics,** May 27-29, 2010, Faculty of Automation and Computers, "Politehnica" University of Timişoara, Romania.
  http://www.uni-obuda.hu/conferences/iccc-conti2010/committees.htm
- Program Committee Member**: 2009 IEEE International Workshop on Soft Computing Applications (SOFA 2009),** July 29-August 1, 2009; Szeged, Hungary and Arad, Romania
  www.ieee-sofa2009.org
- Session Chair: **4th International Symposium on Applied Computational Intelligence and Informatics** May 17-18, 2007, Timisoara, Romania.
  http://uni-obuda.hu/conferences/saci2007/final.htm

Membru în bordul editorial al revistelor ştiinţifice internaţionale:

- Associate Editors of the International Journal of Artificial Intelligence (IJAI).
- Managing Editor **of Theory and Applications of Mathematics & Computer Science** journal (ISSN 2067-2764; E-ISSN 2247-6202) (http://www.uav.ro/applications/se/journal/index.php/tamcs)

Recenzor la următoarele reviste ştiinţifice internaţionale:

- IEEE Transactions on Fuzzy Systems;
- International Journal of Artificial Intelligence (IJAI);
- Fuzzy Sets and Systems;
- International Journal of Computers, Communications & Control.

Recenzor la următoarele conferinţe internaţionale:

- **SACI 2012 IEEE 7th International Symposium on Applied Computational Intelligence and Informatics,** May 24-26, 2012 "Politehnica" University of Timişoara, Romania.
- **6th IEEE International Symposium on Applied Computational Intelligence and Informatics (SACI 2011), May 19-21, 2011,** "Politehnica" University of Timişoara, Romania.
- **2011 IEEE 12th International Symposium on Computational Intelligence and Informatics (CINTI 2011)** Budapest, Hungary, 21 – 22 November 2011.
- **ICCC-CONTI 2010 - IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics,** May 27-29, 2010, Faculty of Automation and Computers, "Politehnica" University of Timişoara, Romania.
- **5th International Symposium on Applied Computational Intelligence and Informatics (SACI 2009),** May 28-29, 2009, Timișoara, Romania.
- **4th International Symposium on Applied Computational Intelligence and Informatics** May 17-18, 2007, Timișoara, Romania.

Cursuri publicate:

Autor sau coautor la opt cursuri enumerate în continuare.

Cărţi şi cursuri publicate:

1. **Marius Tomescu** - Primii paşi în lumea calculatoarelor – Editura albastră 2001. Cluj-Napoca. 80 pagini. ISBN 973-650-019-5.

2. **Marius Tomescu** - Primii paşi în lumea calculatoarelor (reeditata) – Editura albastră 2002. Cluj-Napoca. 80 pagini. ISBN 973-650-071-3.

3. Alexandru Cicortaş, **Marius Tomescu**, Vlad Hanciuţa - Tehnici de programare. Algoritmi – Editura Universităţii « Aurel Vlaicu » ARAD 2001. 141 pagini. ISBN 973-9361-68-4.

4. **Marius Tomescu** - Arhitectura calculatoarelor – Editura Mirton, Timişoara 2004.194 pagini. ISBN 973-661-452-2.

5. **Marius Tomescu** - Contribuţii la analiza şi dezvoltarea sistemelor cu regulatoare fuzzy aplicate în

conducerea proceselor neliniare. Timisoara. Editura Politehnica Publishers, Seria 1: Automatică, Nr. 10, 2008. Monography. ISBN: 978-973-625-672-1. 157 pagini.

6. **Marius Tomescu**, Carmen Fifor, Programarea calculatoarelor - Introducere in limbajul C#, Editura Universităţii "Aurel Vlaicu" Arad, ISBN: 978-973-752-397-6, 2009, pag. 127.

7. **Marius Tomescu**, Carmen Fifor, Programarea algoritmilor in C#, Editura Universităţii "Aurel Vlaicu" Arad, ISBNN: 978-973-752-448-5, 2010, pag. 115.

8. Marius **Tomescu**, Arhitectura sistemelor de calcul , Editura Universităţii "Aurel Vlaicu" Arad, ISBN 978-973-752-512-3, 2010, pag. 109

9. **Marius Tomescu**, Sisteme expert, Editura Universităţii "Aurel Vlaicu" Arad, 2010, ISBN 978-973-752-517-8, pag.79

10. **Marius Tomescu**, Carmen Fifor, Programarea calculatoarelor - Introducere in C#, Ed. a 2-a, Editura Universităţii "Aurel Vlaicu" Arad, ISBN 978-973-752-511-6, 2010. pag. 166.

Capitole apărute în cărţi publicate la edituri din străinătate:

Ştefan Preitl, Radu-Emil Precup, **Marius-Lucian Tomescu**, Mircea-Bogdan Radac, Emil M. Petriu, and Claudia-Adina Dragoş (2009): Model - Based Design Issues in Fuzzy Logic Control. in **Towards Intelligent Engineering and Information Technology** Series: Studies in Computational Intelligence , Vol. 243 Rudas, Imre J.; Fodor, János; Kacprzyk, Janusz (Eds.) **Publisher: Springer-Verlag Berlin Heidelberg 2009. Springer**; 1 edition (August 18, 2009) 2009, XIV, 736 p. 345 illus., Hardcover ISBN: 978-3-642-03736-8, http://www.springer.com/engineering/book/978-3-642-03736-8.
http://www.springerlink.com/content/58751588vl964602/

Lista articolelor publicate:

1. R.-E. Precup, M.-B. Rădac, **M. L. Tomescu**, E. M. Petriu and St. Preitl, Stable and convergent iterative feedback tuning of fuzzy controllers for discrete-time SISO systems, **Expert Systems with Applications** (Elsevier Science), vol. 40, no. 1, pp. 188-199, 2013, ISI SCI impact factor in 2012 = 1.854 (www.sciencedirect.com, dl.acm.org).

2. R.-E. Precup, **M. L. Tomescu**, St. Preitl, E. M. Petriu, J. Fodor and Cl. Pozna, Stability analysis and design of a class of MIMO fuzzy control systems, **Journal of Intelligent & Fuzzy Systems** (IOS Press), vol. 25, no. 1, pp. 145-155, 2013, ISI SCI impact factor in 2012 = 0.788 (iospress.metapress.com).

3. C.-A. Dragoş, R.-E. Precup, **M. L. Tomescu**, St. Preitl, E. M. Petriu and M.-B. Rădac, An Approach to Fuzzy Modeling of Electromagnetic Actuated Clutch Systems, **International Journal of Computers, Communications & Control** (Agora University Editing House - CCC Publications), vol. 8, no. 3, pp. 395-406, 2013, ISI SCI impact factor in 2012 = 0.441 (univagora.ro/jour/).

4. R.-E. Precup, **M. L. Tomescu**, M.-B. Rădac, E. M. Petriu, St. Preitl and C.-A. Dragoş, Iterative performance improvement of fuzzy control systems for three tank systems, **Expert Systems with Applications** (Elsevier Science), vol. 39, no. 9, pp. 8288-8299, 2012, ISI SCI impact factor in 2012 = 1.854 (www.sciencedirect.com, dl.acm.org).

5. Precup, R.-E., **Tomescu, M.-L.,** Petriu, E. M., Preitl, St. and Dragoş, C.-A. (2012): Stable design of a class of nonlinear discrete-time MIMO fuzzy control systems. **Acta Polytechnica Hungarica** (Óbuda University), vol. 9, no. 2, pp. 57-76, SCI impact factor in 2012 = 0.588 (uni-obuda.hu/journal/).

6. Precup, R.-E., **Tomescu, M.-L.,** Petriu, E. M. and Dragomir, L.-E. (2011): Stable fuzzy logic control of generalized van der Pol oscillator. **International Journal of Artificial Intelligence** (CESER Publications), vol. 7, no. A11, pp. 36-46 (www.ceser.in). (ISSN 0974-0635)

7. Precup, R.-E., **Tomescu, M.-L.,** Preitl, St., Petriu, E. M., Fodor, J., and Paul, A. S. (2011): Stable design of Takagi-Sugeno fuzzy controllers for a laboratory three-tank system. **International Journal of Nuclear Knowledge Management** (Inderscience Publishers), vol. 5, no. 2, pp. 126-147 (www.inderscience.com). (**ISSN (Print): 1479-540X)**

8. Precup, R.-E., **Tomescu, M. L.,** Preitl, St. and Petriu, E. M. (2010): Fuzzy logic-based stabilization of a magnetic ball suspension system. **International Journal of Artificial Intelligence** (CESER Publications), vol. 5, no. A10, pp. 56-66 (www.ceser.in). (ISSN 0974-0635)

9. Precup, R.-E., Preitl, St., Petriu, E. M., Tar, J. K., **Tomescu, M. L.** and Pozna, Cl. (2009): Generic two-degree-of-freedom linear and fuzzy controllers for integral processes. **Journal of The Franklin Institute** (Elsevier Science), vol. 346, no. 10, pp. 980-1003, SCI impact factor in 2012 = 2.418 (www.sciencedirect.com). (ISSN: 0016-0032)

10. Precup, R.-E., **Tomescu, M. L.** and Preitl, St. (2009): Fuzzy Logic Control System Stability Analysis Based on Lyapunov's Direct Method. **International Journal of Computers, Communications & Control** (Agora University Editing House - CCC Publications), vol. IV, no. 4, pp. 415-426, SCI impact factor in 2012 = 0.441 (journal.univagora.ro). ISSN 1841-9836, (E-ISSN 1841-9844)

11. Precup, R.-E., **Tomescu, M. L.,** Preitl, St. and Petriu, E. M. (2009): Fuzzy Logic-based Stabilization of Nonlinear Time-varying Systems. **International Journal of Artificial Intelligence** (CESER Publications), vol. 3, no. A09, pp. 24-36 (www.ceser.in). (ISSN 0974-0635)

12. Precup, R.-E., Preitl, St., Tar, J. K., **Tomescu, M. L.,** Takács, M., Korondi, P. and Baranyi, P. (2008): Fuzzy Control System Performance Enhancement by Iterative Learning Control. **IEEE Transactions on Industrial Electronics**, vol. 55, no. 9, pp. 3461-3475, ISI SCI impact factor in 2012 = 5.165 (ieeexplore.ieee.org). (ISSN 1557-9948)

13. Precup, R.-E., Preitl, St., Rudas, I. J., **Tomescu, M. L.** and Tar, J. K. (2008): Design and Experiments for a Class of Fuzzy Controlled Servo Systems. **IEEE/ASME Transactions on Mechatronics**, vol. 13, no. 1, pp. 22-35, SCI impact factor = 1.614, SCI impact factor in 2012 = 3.135 (ieeexplore.ieee.org).

(ISSN 1083-4435)

14. Precup, R.-E., **Tomescu, M. L**., Preitl, St. and Škrjanc, I. (2008): Stable Fuzzy Logic Control Solution for Lorenz Chaotic System Stabilization. **International Journal of Artificial Intelligence** (CESER Publications), vol. 1, no. A08, pp. 23-33 (www.ceser.in). (ISSN 0974-0635)

15. Precup, R.-E., **Tomescu, M. L**. and Preitl, St. (2007): Lorenz System Stabilization Using Fuzzy Controllers. **International Journal of Computers, Communications & Control** (Agora University, CCC Publishing, EBSCO Publishing), vol. II, no. 3, pp. 279-287, SCI impact factor in 2012 = 0.441 (journal.univagora.ro). (ISSN 1841-9836)

16. Tomescu, M.-L., Preitl, St., Precup, R.-E. and Tar, J. K. (2007): Stability Analysis Method for Fuzzy Control Systems Dedicated Controlling Nonlinear Processes. **Acta Polytechnica Hungarica** (Óbuda University), vol. 4, no. 3, pp. 127-141 (uni-obuda.hu/journal/). (ISSN 1785-8860)

17. Radu-Emil Precup, **Marius L. Tomescu**, Ştefan Preitl - Rule base modification of Takagi-Sugeno fuzzy logic controllers to guarantee system stability, Bulletins for applied & Computer mathematics (PAMM) Arad-Oradea 25-28 October 2008, pag. 113-120, (ISSN 0133-3526)

18. Radu-Emil Precup, **Marius L. Tomescu**, Stefan Preitl, Jozsef K. Tar, Adrian Sebastian Paul - Stability Analysis Approach for Fuzzy Logic Control Systems with Mamdani Type Fuzzy Logic Controllers, The Journal of Control Engineering and Applied Informatics, Vol 9, No 1 (2007), pag. 3-10. (ISSN 1454-8658)

19. Marius-Lucian Tomescu - Some properties on fuzzy disjunction. Buletinul Institutului Politehnic din Iaşi. Secţia I. Matematică, Mecanică Teoretică, Fizică. Universitatea Tehnică "Gh. Asachi", Iaşi. 50(54), No. 3-4, 5-11 (2004). (ISSN 0304-5188)

20. Marius-Lucian Tomescu - Câteva proprietăţi ale modulului de fuzzificare**. Analele Universităţii „Aurel Vlaicu”** Arad, 2004, pag. 88-92. ISSN 1582-344X.

21. Marius-Lucian Tomescu - Proprietăţi importante ale conjuncţiei fuzzy. **Analele Universităţii „Aurel Vlaicu”** Arad, 2004, pag.170-175. ISSN 1582-344X.

22. Coroban Laurenţiu, **Marius-Lucian Tomescu** - Rezolvarea ecuaţiei de tip Lyapunov cu ajutorul reţelelor neuronale. **Analele Universităţii “Aurel Vlaicu”** Arad, 2000, pag 25-32. ISSN 1582-344X.

23. Coroban Laurentiu, **Marius-Lucian Tomescu** - Teorema de structură pentru implicaţiile fuzzy. **Analele Universităţii “Aurel Vlaicu”** Arad, 2000, pag. 33-38. ISSN 1582-344X.

24. Marius-Lucian Tomescu - T-implicaţiile şi ST-implicaţiile fuzzy. **Analele Universităţii “Aurel Vlaicu” Arad,** 2000, pag. 175-178. ISSN 1582-344X.

25. Marius-Lucian Tomescu - S-implicaţia logică fuzzy. **Analele Universităţii “Aurel Vlaicu” Arad, 2000,** pag. 179-182. ISSN 1582-344X.

26. Carmen Gyiman, **Marius-Lucian Tomescu** - Modele de reprezentare a cunoştinţelor fuzzy pentru roboti inteligenţi - **Sesiunea de comunicări ştiinţifice a Universităţii “Aurel Vlaicu” Arad, Ediţia a IV-a 1997, Analele Universităţii “Aurel Vlaicu” Arad,** pag. 44-48. ISBN 973-98366-2-6.

27. **Marius-Lucian Tomescu,** Carmen Gyiman - Fuzzy integrals defined by T-norm **- Sesiunea de comunicări ştiinţifice a Universităţii "Aurel Vlaicu" Arad, Ediţia a IV-a 1997, Analele Universităţii "Aurel Vlaicu" Arad,** pag. 167-171. ISBN 973-98366-1-8.

28. **Marius-Lucian Tomescu,** Carmen Gyiman - Funcţii fuzzy. **Studia Universitatis,** Universitatea de Vest „Vasile Goldiş" Arad, seria A, Nr. 8, 1998, pag. 577-579. ISSN 1453-103X.

29. **Marius-Lucian Tomescu,** Carmen Gyiman - Generarea t-normelor şi a t-conormelor **- Studia Universitatis Universitatea de Vest „Vasile Goldiş" Arad,** seria A, Nr. 8, 1998, pag. 580-584. ISSN 1453-103X.

30. **Marius-Lucian Tomescu -** T-norme pentru mulţimi fuzzy**. Studia Universitatis, Universitatea de Vest „Vasile Goldiş" Arad,** seria A, Nr. 8, 1998, pag. 585-589. ISSN 1453-103X.

31. **Marius-Lucian Tomescu -** Reţele neuronale stohastice. **Studia Universitatis Universitatea de Vest „Vasile Goldiş" Arad,** seria A, Nr. 6, 1996, pag. 255-265. ISBN 973-578-207-3.

32. **Marius-Lucian Tomescu -** Reţele neuronale tridimensionale pentru rezolvarea ecuațiilor matriciale. **Studia Universitatis, Universitatea de Vest „Vasile Goldiş" Arad,** seria A, Nr. 6, 1996, pag.266-274. ISBN 973-578-207-3.

Articole publicate în volumele conferinţelor ştiinţifice internaţionale:

1. C.-A. Dragos, R.-E. Precup, E. M. Petriu, M. L. **Tomescu**, S. Preitl, R.-C. David, M.-B. Radac, 2-DOF PI-Fuzzy Controllers for a Magnetic Levitation System, Proceedings of 8th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2011), Noordwijkerhout, The Netherlands, 2011, ISBN: 978-989-8425-74-4, vol. 1, pp. 111-116. (http://www.icinco.org/ICINCO2011/Program_Thursday.htm)

2. R.-E. Precup, M.-L. **Tomescu**, S. Preitl, E. M. Petriu, C.-A. Dragos, Stability Analysis of Fuzzy Logic Control Systems for a Class of Nonlinear SISO Discrete-Time Systems, Preprints of the 18th IFAC World Congress, 2011, Milano, Italy, Editors: S. Bittanti, A. Cenedese, S. Zampieri, pp. 13612-13617. (http://www.ifac-papersonline.net/Detailed/51947.html)

3. Radu-Emil Precup, Marius L. **Tomescu**, Emil M. Petriu, Stefan Preitl, János Fodor and Daniela Bărbulescu, Stability Analysis of a Class of MIMO Fuzzy Control Systems, In Proceedings of the WCCI 2010 IEEE World Congress on Computational Intelligence, July, 18-23, 2010 – CCIB, *Barcelona (Spain), 18-23 July 2010,* pp. 2885-2890. ISBN 978-1-4244-8126-2.

(http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=5584587&url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel5%2F5573642%2F5583929%2F05584587.pdf%3Farnumber%3D5584587)

4. R.-E. Precup, M.-B. Radac, S. Preitl, M.-L. **Tomescu**, E. M. Petriu, A. S. Paul, IFT-Based PI-Fuzzy Controllers: Signal Processing and Implementation, Proceedings of 6th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2009), Milan, Italy, July 2-5, 2009, ISBN 978-989-8111-99-9, vol. 1 Intelligent Control Systems and Optimization, pp. 207-212. (http://www.icinco.org/Abstracts/2009/ICINCO_2009_Abstracts.htm)

5. Radu-Emil Precup, Marius L. **Tomescu**, Stefan Preitl, Emil M. Petriu, Stefan Kilyeni, Constantin Barbulescu, STABILITY ANALYSIS APPROACH TO A CLASS OF FUZZY CONTROLLED NONLINEAR TIME-VARYING SYSTEMS, Proceeding of the IEEE International Conference Eurocon 2009, Saint-Petersburg, Rusia, 18-23.05.2009, pp. 970-975, ISBN: 978-1-4244-3861-7, IEEE Catalog Number CFP09EUR-CDR. (http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=5167750&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxpls%2Fabs_all.jsp%3Farnumber%3D5167750)

6. R.-E. Precup, St. Preitl, M. -L. **Tomescu**, E. M. Petriu, J. K. Tar, C. Bărbulescu, Stable Iterative Feedback Tuning-based Design of Takagi-Sugeno PI-Fuzzy Controllers, Proceedings of Conference on Human System Interaction, Krakow, Poland, May 25-27, 2008 -VOLS 1 AND 2 Pages: 542-547. ISBN: 1-4244-1543-8. (http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=4581497&url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel5%2F4569859%2F4581395%2F04581497.pdf%3Farnumber%3D4581497)

7. Marius L. **Tomescu** - Fuzzy Logic Controller for the Liénard System. Proceedings of the 4th International Symposium on Applied Computational Intelligence and Informatics (SACI 2007), May 17-18, 2007, Timisoara, Romania, pag. 129-134, IEEE Press. ISBN 1-4244-1234-X. (http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?reload=true&punumber=4262472)

8. Marius-Lucian **Tomescu**, Ghe. Petrov - A Stability Analysis Method for Nonlinear Systems with Fuzzy Logic Controller. Proc. 8th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, (SYNASC 2006), Sept 26-29 2006, Timişoara Romania, pag. 141-150, IEEE Press. ISBN 0-7695-2740-X.

(http://synasc06.info.uvt.ro/),(http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=4090310&url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel5%2F4090273%2F4090274%2F04090310.pdf%3Farnumber%3D4090310)

Alte articole publicate în volumele conferinţelor ştiinţifice internaţionale:

1. Marius-Lucian **Tomescu** - Fuzzy logic control of vehicle suspensions with dry friction nonlinearity. Proceedings of International Symposium. Research and Education in Innovation Era, „Aurel Vlaicu" University, Arad, 2006, pag. 237-244. ISBN 978-973-52-0108-1.

2. Marius **Tomescu**, Carmen Fifor, Alina Gânguţă, A. Şandru, Fuzzy Computing in C#, In Proceedings of the International Symposium - Research and Education in Innovation Era, 3rd Edition – Aurel Vlaicu University of Arad, 2010, pp. 66-74, ISSN 2065-2569.

3. Carmen Fifor, Marius **Tomescu**, Intelligent Cloud, In Proceedings of the International Symposium - Research and Education in Innovation Era, 3rd Edition – Aurel Vlaicu University of Arad, 2010, pp. 75-78, ISSN 2065-2569.

4. Marius **Tomescu**, Nădăban Sorin, Adrian Palcu, Intelligent Control Systems, In Proceedings of the International Symposium - Research and Education in Innovation Era, 3rd Edition – Aurel Vlaicu University of Arad, 2010, pp. 89-98, ISSN 2065-2569.

5. Sorin Nădăban, Marius **Tomescu**, Adrian Palcu, On Fuzzy Banach Spaces, In Proceedings of the International Symposium - Research and Education in Innovation Era, 3rd Edition – Aurel Vlaicu University of Arad, 2010, pp. 133-138, ISSN 2065-2569.

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