

# LISTA COMPLETĂ DE LUCRĂRI

Conf. univ. dr. Marius Tomescu

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1. C.-A. Bojan-Dragos, R.-E. Precup, **M.L. Tomescu**, S. Preitl, O.-M. Tanasoiu, S. Hergane, Proportional-Integral-Derivative Gain-Scheduling Control of a Magnetic Levitation System, **International Journal of Computers Communications & Control**, ISSN 1841-9836, 12(5), 599-611, October 2017.
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## Teza de doctorat

**Titlul tezei de doctorat:** CONTRIBUȚII LA ANALIZA ȘI DEZVOLTAREA SISTEMELOR CU REGULATOARE FUZZY APLICATE ÎN CONDUCEREA PROCESELOR NELINIARE

**Instituția:** Universitatea "Politehnica" din Timișoara.

**Editura:** Editura Politehnica, Seria 1: Automatică, Nr. 10, 2008. ISBN: 978-973-625-672-1. 157 pagini.

**Conducător științific:** prof.univ.dr.ing. Ștefan Preitl.

**Anul susținerii tezei:** 2008.

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Ștefan Preitl, Radu-Emil Precup, Marius-Lucian **Tomescu**, Mircea-Bogdan Radac, Emil M. Petriu, and Claudia-Adina Dragoș (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>.

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9. Marius-Lucian **Tomescu** - An Algorithm for Stability of Takagi-Sugeno Fuzzy Logic Controller. Proceedings of the 3rd Romanian-Hungarian Joint Symposium on Applied Computational Intelligence (SACI 2006) to be held on May 25-26, 2006 in Timisoara, Romania, pag. 125-135. ISBN 963-7154-46-9.
10. Marius **Tomescu** - Active Suspension Control Based on Fuzzy Systems. Proceedings of International Symposium. Research and Education in Innovation Era, „Aurel Vlaicu” University, Arad, 2006, pag. 229-236. ISBN 978-973-52-0108-1.
11. 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.
12. Marius-Lucian **Tomescu** - Some properties of fuzzy conjunction useful to fuzzy rules. Proceedings of SACI 2005 – 2rd Romanian-Hungarian Joint Symposium on Applied Computational Intelligence, Timișoara, Romania, May 5-7, 2005, pag. 169-176. ISBN 963-7154-39-6.
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14. **Marius-Lucian Tomescu** - Some properties on fuzzy disjunction. Buletinul Institutului Politehnic din Iași. Secția I. Matematică, Mecanică Teoretică, Fizică. Universitatea Tehnică "Gh. Asachi", Iași. 50(54), No. 3-4, 5-11 (2004). (ISSN 0304-5188)
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18. Coroban Laurențiu, **Marius-Lucian Tomescu** - Rezolvarea ecuației de tip Lyapunov cu ajutorul rețelelor neuronale. **Analele Universității “Aurel Vlaicu”** Arad, 2000, pag 25-32. ISSN 1582-344X.
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**Data**

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