

Accessibility conditions of MIMO nonlinear control systems on homogeneous time scales

Bartosiewicz, Zbigniew; Kotta, Ülle; Tönso, Maris; Wyrwas, Małgorzata Mathematical control and related fields 2016 / p. 217-250
<https://doi.org/10.3934/mcrf.2016002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Algebraic approach for analysis and control of a water tank system

Belikov, Juri; Kotta, Ülle; Tepljakov, Aleksei Information technology and control 2016 / p. 175-183 : ill
<https://doi.org/10.5755/j01.itc.45.2.13212> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automatic products identification method

Põlder, Ahti; Juurma, Märt; Tamre, Mart Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 338-344 : ill

Integrability for nonlinear time-delay systems

Kaldmäe, Arvo; Califano, Claudia; Moog, Claude IEEE transactions on automatic control 2016 / p. 1912-1917
<https://doi.org/10.1109/TAC.2015.2482003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nabla derivatives associated with nonlinear control systems on homogeneous time scales

Bartosiewicz, Zbigniew; Kotta, Ülle; Mullari, Tanel; Tönso, Maris; Pawluszewicz, Ewa; Wyrwas, Małgorzata Nonlinear analysis : modelling and control 2016 / p. 547-563 <https://doi.org/10.15388/NA.2016.4.8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Observable space of the nonlinear control system on a homogeneous time scale

Kaparin, Vadim; Kotta, Ülle; Wyrwas, Małgorzata Proceedings of the Estonian Academy of Sciences 2014 / p. 11-25
https://artiklid.elnet.ee/record=b2665198*est <https://doi.org/10.3176/proc.2014.1.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On accessibility conditions for state space nonlinear control systems on homogeneous time scales

Bartosiewicz, Zbigniew; Kotta, Ülle; Mullari, Tanel; Tönso, Maris; Wyrwas, Małgorzata Systems & control letters 2016 / p. 8-13
<https://doi.org/10.1016/j.sysconle.2016.09.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On controllability of switched linear systems on time scales

Belikov, Juri; Tepljakov, Aleksei 2015 European Control Conference (ECC) : July 15-17, 2015, Linz, Austria 2015 / p. 1736-1741
<http://dx.doi.org/10.1109/ECC.2015.7330788>

Ontology-driven scheduling system for manufacturing

Sanko, Jelena; Kotkas, Vahur Baltic journal of modern computing 2016 / p. 508-522 : ill

Transformation of nonlinear state equations into observer form = Mittelineaarsete olekuvõrrandite olekutaastaja kujule teisendamise

Kaparin, Vadim 2013 https://www.ester.ee/record=b2998616*est

Transformation of nonlinear state equations into the observer form : necessary and sufficient conditions in terms of one-forms

Kaparin, Vadim; Kotta, Ülle Kybernetika 2015 / p. 36-58 <https://doi.org/10.14736/kyb-2015-1-0036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wood products automatic identification based on fingerprint method

Põlder, Ahti; Juurma, Märt; Tamre, Mart Journal of vibroengineering 2012 / p. 477-482
https://www.researchgate.net/publication/285309496_Wood_products_automatic_identification_based_on_fingerprint_method