

**Algebraic formalism of differential p-forms and vector fields for nonlinear control systems on homogeneous time scales**  
Bartosiewicz, Zbigniew; **Kotta, Ülle**; Pawluszewicz, Ewa; **Tõnso, Maris**; Wyrwas, Małgorzata Proceedings of the Estonian Academy of Sciences 2013 / p. 215-226

**Linearization by input-output injections on homogeneous time scales**

Ciulkin, Monika; **Kaparin, Vadim**; **Kotta, Ülle**; Pawluszewicz, Ewa Proceedings of the Estonian Academy of Sciences 2014 / p. 387-397 [https://artiklid.elnet.ee/record=b2707375\\*est](https://artiklid.elnet.ee/record=b2707375*est)

**Nabla derivatives associated with nonlinear control systems on homogeneous time scales**

Bartosiewicz, Zbigniew; **Kotta, Ülle**; Mullari, Tanel; **Tõnso, Maris**; Pawluszewicz, Ewa; Wyrwas, Małgorzata Nonlinear analysis : modelling and control 2016 / p. 547-563 <http://dx.doi.org/10.15388/NA.2016.4.8>

**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://artiklid.elnet.ee/record=b2665198*est)

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

Bartosiewicz, Zbigniew; **Kotta, Ülle**; **Mullari, Tanel**; **Tõnso, Maris**; Wyrwas, Małgorzata Systems & control letters 2016 / p. 8-13 <http://dx.doi.org/10.1016/j.sysconle.2016.09.018>

**Static state feedback linearization of nonlinear control systems on homogeneous time scales**

Bartosiewicz, Zbigniew; **Kotta, Ülle**; **Tõnso, Maris**; Wyrwas, Małgorzata Mathematics of control, signals, and systems 2015 / p. 523-550 <http://dx.doi.org/10.1007/s00498-015-0150-5>