

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

Ciulkin, Monika; Pawluszewicz, Ewa; **Kaparin, Vadim; Kotta, Ülle** 2016 21st International Conference on Methods and Models in Automation and Robotics (MMAR 2016) : Miedzyzdroje, Poland, 29 August - 1 September 2016 / p. 48-53  
<https://doi.org/10.1109/MMAR.2016.7575086>

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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) <https://doi.org/10.3176/proc.2014.4.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Remarks on the realization of time-varying systems**

**Kotta, Ülle**; Moog, Claude; **Tõnso, Maris** Proceedings of the Estonian Academy of Sciences 2018 / p. 208-216  
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### **Removing the input derivatives in the generalized bilinear state equations**

**Mullari, Tanel; Kotta, Ülle; Kotta, Palle; Tõnso, Maris**; Zinober, Alan Proceedings of the Estonian Academy of Sciences 2009 / 2, p. 98-107 <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=b053956e3600449843044b1022ebefc6d5d19df8>

### **Tensor series expansion of a spherical function for the use in constitutive theory of materials containing orientable particles**

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### **Transformation of nonlinear discrete-time state equations into the observer form : extension to non-reversible case**

**Mullari, Tanel; Kotta, Ülle** Proceedings of the Estonian Academy of Sciences 2021 / p. 235-247 <https://doi.org/10.3176/proc.2021.3.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Transformation of nonlinear discrete-time state equations into the observer form : revision**

**Mullari, Tanel; Kotta, Ülle** Proceedings of the Estonian Academy of Sciences 2023 / p. 1-5 <https://doi.org/10.3176/proc.2023.1.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Kaparin, Vadim** 2013 [https://www.ester.ee/record=b2998616\\*est](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](#)

### **Идентификация уравнений состояний с помощью лагерровских разложений**

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