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Wykaz publikacji autora:

1. W. Byrski, **M. Drapała**, J. Byrski. “An Adaptive Identification Method Based on the Modulating Functions Technique and Exact State Observers for Modeling and Simulation of a Nonlinear MISO Glass Melting Process”. In: *International Journal of Applied Mathematics and Computer Science* 29.4 (2019), pp. 739–757. doi: 10.2478/amcs-2019-0055
2. W. Byrski, **M. Drapała**. “Adaptive Identification Method for Simulation and Control of Glass Melting Process”. In: *2019 24th International Conference on Methods and Models in Automation and Robotics (MMAR)*. Międzyzdroje, Poland, 2019, pp. 133–138. doi: 10.1109/MMAR.2019.8864721
3. W. Byrski, **M. Drapała**. “An Algebraic Approach to Solving the Problem of Identification by the Use of Modulating Functions and Convolution Filter. Glass Conditioning Process”. In: *Advanced, Contemporary Control — Proceedings of KKA 2020 - The 20th Polish Control Conference, Łódź, Poland, 2020*. Ed. by A. Bartoszewicz, J. Kabziński, and J. Kacprzyk. Vol. 1196. Advances in Intelligent Systems and Computing. Springer, 2020, pp. 80–91. doi: 10.1007/978-3-030-50936-1_7
4. W. Byrski, **M. Drapała**, J. Byrski. “New On-line Algorithms for Modelling, Identification and Simulation of Dynamic Systems Using Modulating Functions and Non-asymptotic State Estimators: Case Study for a Chosen Physical Process”. In: *International Conference of Computer Science 2021*. Ed. by M. Paszyński et al. Cham: Springer International Publishing, 2021, pp. 284–297. doi: 10.1007/978-3-030-77970-2_22
5. **M. Drapała**, W. Byrski. “Continuous-Time Model Predictive Control with Disturbances Compensation for a Glass Forehearth”. In: *2021 25th International Conference on Methods and Models in Automation and Robotics (MMAR)*. Międzyzdroje, Poland, 2021, pp. 366–371. doi: 10.1109/MMAR49549.2021.9528433
6. W. Byrski, **M. Drapała**. “A New Version of the On-Line Adaptive Non-standard Identification Procedure for Continuous-Time MISO Physical Processes”. In: *Intelligent and Safe Computer Systems in Control and Diagnostics, DPS 2022*. Ed. by Z. Kowalczyk. Lecture Notes in Networks and Systems, vol 545. Springer, Cham,, pp. 423–436. doi: 10.1007/978-3-031-16159-9_34

7. W. Byrski, **M. Drapala**. “On-line process identification using the Modulating Functions Method and non-asymptotic state estimation”. In: *Archives of Control Sciences*, 32.3 (2022), pp. 535-555. doi: 10.24425/acs.2022.142845