Публикации

на

Михаил Иванов Кръстанов

I. Научни публикации в специализирани списания и сборници

1. **Krastanov, Mikhail Ivanov**; Nikolova, Margarita Nikolaeva, A necessary condition for small-time local controllability, Automatica J. IFAC 124 (**2021**), 109258. JCR-IF (Web of Science): **5.541(2019)** Квартил **Q1 (9/63) Automation / Control Systems**

2. Borisov, Milen; Neli S. Dimitrova**, Mikhail I. Krastanov,** Global stabilizability of an anaerobic biodegradation process via piecewise constant feedback. International Journal of Robust and Nonlinear Control, vol. 30, issue 7, May 10, **2020**, 2777 - 2795. John Wiley & Sons Ltd, ISSN:1049-8923 (Print), 1099-1239 (Online), http://dx.doi.org/10.1002/rnc.4914, JCR-IF (Web of Science):**3.503 (2019)**; SJR 1.631 (2019) – **Q1(6/261)** (**top 10% Mathematics Applied**)

3. Bivas, Mira; **Mikhail I. Krastanov**, N. Ribarska, On tangential transversality. Journal of Mathematical Analysis and Applications, 481(1), Elsevier, **2020**, JCR-IF (Web of Science):**1.220/2019**, Квартил **Q1 (77/325) Mathematics**

4. Bivas, Mira; **Mikhail I. Krastanov**, N. Ribarska, On strong tangential transversality. Journal of Mathematical Analysis and Applications, 490, 1, Elsevier, **2020**, JCR-IF (Web of Science):**1.220/2019**, Квартил **Q1 (77/325) Mathematics**

5. A.L. Dontchev, I.V. Kolmanovsky, **M. I. Krastanov**, V.M. Veliov, P.T. Vuong, Approximating optimal finite horizon feedback by model predictive control, Systems & Control Letters, 139 (**2020**) 104666, JCR-IF **2.762(2019),** Квартил Q2 (30/62) **Automation / Control Systems Q2 (Scopus)**

6. Apostolov Stoyan R.; **Mikhail I. Krastanov**, Nadezhda Ribarska. Sufficient Condition for Tangential Transversality. Journal of Convex Analysis, 27, **2020**, ISSN:0944-6532, JCR-IF (Web of Science):**0.527/2019**, Квартил **Q4 (255/324) Mathematics Q2 (Scopus)**

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10. Dontchev, Asen L.; Ilya Kolmanovsky**, Mikhail I. Krastanov,** Nicotra, Marco**,** Vladimir M. Veliov, Lipschitz stability in discretized optimal control with application to SQP. SIAM J. Control Optim. 57 (**2019),** no. 1, 468–489. JCR-IF (Web of Science):**1.538/2019**, Квартил **Q1 (62/261) Mathematics Applied**

11. Dimitrova**,** Neli S., **Mikhail I. Krastanov,** On practice-oriented stabilizability of a chemostat model via bounded open-loop control. Доклади на БАН. 72 (2019), no. 7, 880–890. JCR-IF (Web of Science): **0.321 (2019)** Квартил **Q4 (66/71) Multidisciplinary Sciences Q2 (Scopus)**

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