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This index covers all technical items—papers, correspondence, reviews, etc.—that appeared in this periodical during 2020, and items from previous years that were commented upon or corrected in 2020. Departments and other items may also be covered if they have been judged to have archival value.

The Author Index contains the primary entry for each item, listed under the first author's name. The primary entry includes the coauthors' names, the title of the paper or other item, and its location, specified by the publication abbreviation, year, month, and inclusive pagination. The Subject Index contains entries describing the item under all appropriate subject headings, plus the first author's name, the publication abbreviation, month, and year, and inclusive pages. Note that the item title is found only under the primary entry in the Author Index.

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Distributed Dynamic Process Monitoring Based on Minimal Redundancy Maximal Relevance Variable Selection and Bayesian Inference. *Zhong, K.*, +, *TCST Sept.* 2020 2037-2044

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Robust Monitoring and Fault Isolation of Nonlinear Industrial Processes Using Denoising Autoencoder and Elastic Net. Yu, W., +, TCST May 2020 1083-1091

Total Variable Decomposition Based on Sparse Cointegration Analysis for Distributed Monitoring of Nonstationary Industrial Processes. *Zhao, C.*, +, *TCST July 2020 1542-1549*

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Proportional control

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Quadratic programming

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A Rigorous Model Order Reduction Framework for Waste Heat Recovery Systems Based on Proper Orthogonal Decomposition and Galerkin Projection. Xu, B., +, TCST March 2020 635-643

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Reachability analysis

Robust Control of the Sit-to-Stand Movement for a Powered Lower Limb Orthosis. Narvaez Aroche, O., +, TCST Nov. 2020 2390-2403

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Nonholonomic Hybrid Zero Dynamics for the Stabilization of Periodic Orbits: Application to Underactuated Robotic Walking. *Akbari Hamed, K.*, +, *TCST Nov. 2020 2689-2696*

Redundancy

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Tube-Based Discrete Controller Design for Vehicle Platoons Subject to Disturbances and Saturation Constraints. Feng, S., +, TCST May 2020 1066-1073

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Experimental Validation of String Stability for Connected Vehicles Subject to Information Delay. *Qin, W.B.*, +, *TCST July 2020 1203-1217*

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Derivative-Free Online Learning of Inverse Dynamics Models. *Romeres, D.*, +, TCST May 2020 816-830

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Beyond Performance/Cost Tradeoffs in Motion Control: A Multirate Feedforward Design With Application to a Dual-Stage Wafer System. van Zundert, J., +, TCST March 2020 448-461 Iterative Identification and Control Using Non-normalized Coprime Factors With Application in Wafer Stage Motion Control. Boeren, F., +, TCST March 2020 413-424

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