# 2019 Index IEEE Transactions on Industrial Informatics Vol. 15

This index covers all technical items—papers, correspondence, reviews, etc.—that appeared in this periodical during 2019, and items from previous years that were commented upon or corrected in 2019. 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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## Entropy

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## **Equivalent circuits**

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CFRP Impact Damage Inspection Based on Manifold Learning Using Ultrasonic Induced Thermography. *Zhang, X.*, +, *TII May 2019 2648-2659* 

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### Integrated circuit packaging

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TeMA: A Tensorial Memetic Algorithm for Many-Objective Parallel Disassembly Sequence Planning in Product Refurbishment. *Pistolesi, F.*, +, *TII June 2019 3743-3753* 

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- A Distributed and Resilient Bargaining Game for Weather-Predictive Microgrid Energy Cooperation. An, L., +, TII Aug. 2019 4721-4730
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### Psychology

A Knowledge-Based Recommendation System That Includes Sentiment Analysis and Deep Learning. *Rosa, R.L.,* +, *TII April 2019 2124-2135* 

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Fog Computing for 5G Tactile Industrial Internet of Things: QoE-Aware Resource Allocation Model. *Aazam, M.*, +, *TII May 2019 3085-3092* 

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# **Radiofrequency identification**

Optimal RFID Deployment in a Multiple-Stage Production System Under Inventory Inaccuracy and Robust Control Policy. *Zhang, Y.*, +, *TII June* 2019 3230-3242

### **Radiofrequency interference**

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# **Railway engineering**

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# Railways

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Distributed Algorithm for Making Scale-Free Network by Preferential Rewiring Without Growth. *Park, J., TII June 2019 3125-3132* 

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An ACO-Based Tool-Path Optimizer for 3-D Printing Applications. *Fok, K.*, +, *TII April 2019 2277-2287* 

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#### **Rectifying circuits**

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- Modeling and Planning for Dual-Objective Selective Disassembly Using and/or Graph and Discrete Artificial Bee Colony. *Tian, G.*, +, *TII April* 2019 2456-2468
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### Redundancy

Event-Based Sequential Prognosis for Uncertain Hybrid Systems With Intermittent Faults. Yu, M., +, TII Aug. 2019 4455-4468

# **Redundant manipulators**

- A Model-Based Recurrent Neural Network With Randomness for Efficient Control With Applications. *Li*, *Y*., +, *TII April 2019 2054-2063*
- On Generalized RMP Scheme for Redundant Robot Manipulators Aided With Dynamic Neural Networks and Nonconvex Bound Constraints. *Xie*, *Z.*, +, *TII Sept. 2019 5172-5181*

### Refrigeration

Comparative Performance Analysis of Induction and Synchronous Reluctance Motors in Chiller Systems for Energy Efficient Buildings. *Oliveira*, *F.*, +, *TII Aug. 2019 4384-4393* 

### **Regression analysis**

- A Fuzzy Optimization Strategy for the Implementation of RBF LSSVR Model in Vis–NIR Analysis of Pomelo Maturity. *Chen, H.*, +, *TII Nov.* 2019 5971-5979
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### Tendering

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- BSIS: Blockchain-Based Secure Incentive Scheme for Energy Delivery in Vehicular Energy Network. *Wang, Y., +, TII June 2019 3620-3631*
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# Uncertainty handling

Multiobjective Risk-Constrained Optimal Bidding Strategy of Smart Microgrids: An IGDT-Based Normal Boundary Intersection Approach. *Rezaei*, *N.*, +, *TII March 2019 1532-1543* 

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District Partition-Based Data Collection Algorithm With Event Dynamic Competition in Underwater Acoustic Sensor Networks. *Han, G.*, +, *TII Oct.* 2019 5755-5764

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#### Underwater acoustic propagation

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- A New Adaptive Time-Delay Control Scheme for Cable-Driven Manipulators. Wang, Y., +, TII June 2019 3469-3481
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