

# IEEE TRANSACTIONS ON SYSTEMS, MAN, AND CYBERNETICS: SYSTEMS

A PUBLICATION OF THE IEEE SYSTEMS, MAN, AND CYBERNETICS SOCIETY

FEBRUARY 2016

VOLUME 46

NUMBER 2

ITSMFE

(ISSN 2168-2216)

---

## PAPERS

Automatic Ear Landmark Localization, Segmentation, and Pose Classification in Range Images .....	J. Lei, X. You, and M. Abdel-Mottaleb	165
Optimization Models for Feature Selection of Decomposed Nearest Neighbor .....	C. Xiao and W. A. Chaovalltwongse	177
Automated Opal Grading by Imaging and Statistical Learning .....	D. Wang, L. Bischof, R. Lagerstrom, V. Hilsenstein, A. Hornabrook, and G. Hornabrook	185
Toward Unconstrained Fingerprint Recognition: A Fully Touchless 3-D System Based on Two Views on the Move .....	R. Donida Labati, A. Genovese, V. Piuri, and F. Scotti	202
Semantic Retrieval of Trademarks Based on Conceptual Similarity .....	F. M. Anuar, R. Setchi, and Y.-K. Lai	220
Topic-Oriented Exploratory Search Based on an Indexing Network .....	H. C. Sun, C. J. Jiang, Z. J. Ding, P. W. Wang, and M. C. Zhou	234
Collaborative Decision Making in Departure Sequencing With an Adapted Rubinstein Protocol .....	V. F. Ribeiro, L. Weigang, V. Milea, Y. Yamashita, and L. Uden	248
Adaptive Neural Fault-Tolerant Control of a 3-DOF Model Helicopter System .....	M. Chen, P. Shi, and C.-C. Lim	260
Exploring the Impact of Social Communication on the Innovation Potential of Open Science Communities .....	G. Zou and L. Yilmaz	271
On Qualitative Analysis of Fault Trees Using Structurally Persistent Nets .....	R. J. Rodríguez	282
Determination of Wafer Start Mix in Semiconductor Manufacturing During New Technology Ramp-Up: Model, Solution Method, and an Empirical Study .....	K.-H. Chang and L. Y. Hsieh	294
The Reversible Released Form of Petri Nets and Its Applications to Soundness of Workflow Nets .....	F. L. Tiplea and I. Leahu	303

---