TABLE OF CONTENTS

Summarization of Things

4 Ensemble Algorithms for Microblog Summarization
Soumi Dutta, Vibhash Chandra, Kanav Mehra, Asit Kumar Das, Tanmoy Chakraborty, and Saptarshi Ghosh

Feature Articles

15 Building a Globally Optimized Computational Intelligent Image Processing Algorithm for On-Site Inference of Nitrogen in Plants
Susanto B. Sulistyo, W.L. Woo, S.S. Dlay, and Bin Gao

28 Increasing Reliability of Fault Detection Systems for Industrial Applications
Vedika Agrawal, B.K. Panigrahi, and P.M.V. Subbarao

Columns and Departments

41 TRENDS AND CONTROVERSIES
Trends and Controversies

69 INTERNET OF THINGS
Next-Generation Smart Environments: From System of Systems to Data Ecosystems
Edward Curry and Amit Sheth

77 AFFECTIVE COMPUTING AND SENTIMENT ANALYSIS
OntoSenticNet: A Commonsense Ontology for Sentiment Analysis
Mauro Dragoni, Soujanya Poria, and Erik Cambria