## **Contents**

Parallel Approaches to Neighborhood Rough Sets: Classification and Feature Selection Junbo Zhang, Chizheng Wang, Yi Pan and Tianrui Li	1
Research on the Intensity of Subjective and Objective Vocabulary in Interactive Text Based on E-Learning	11
Geometry Knowledge Base Learning from Theorem Proofs Hongguang Fu, Xiuqin Zhong, Qunan Li, Huadong Xia and Jie Li	21
Return Forecast of Subscription for New Shares in Growth Enterprise Market Using Simulation Method	35
An Incremental Learning Approach for Updating Approximations in Rough Set Model Over Dual-Universes	43
Research on Risk Assessment of Ship Repair Based on Case-Based Reasoning	<b>5</b> 3
A Rule-Based Inference Method Using Dempster–Shafer Theory Liuqian Jin and Yang Xu	61
Blog Topic Diffusion Prediction Model Based on Link Information Flow	73
Construction of Multidimensional Dynamic Knowledge Map Based on Knowledge Requirements and Knowledge Connection Yanjie Lv, Gang Zhao, Pu Miao and Yujie Guan	83

viii Contents

An Evolution System for Traditional Chinese Medicine Prescription	95
Liang Yao, Yin Zhang and Baogang Wei	
Evaluating Side Effects to Hide Sensitive Itemsets Through Transaction Deletion	107
Computing Concept Relatedness Based on Ontology	117
<b>Extracting Academic Activity Transaction in Chinese Documents</b> Fang Huang, Shanmei Tang and Charles X. Ling	125
Predicting the Helpfulness of Online Book Reviews	137
Word Sense Disambiguation Using WordNet Semantic Knowledge Ningning Gao, Wanli Zuo, Yaokang Dai and Wei Lv	147
A Knowledge and Employee Evaluation Method for Knowledge Management System	157
Research on Knowledge Service for Product Lifecycle Xiangqian Li, Shikai Jing and Jingtao Zhou	169
Technological Diversification Effect on Business Performance: A Probing into Intermediaries Role of Product Innovation Strategy Dajun Li, Ling Li and Yong Huang	181
Paraphrase Collocations Extraction Based on Concept Expansion Maoyuan Zhang, Wang Li and Hong Zhang	191
A Probabilistic Method for Tag Ranking in Tagging System Peng Zhang, Liang Yao, Yin Zhang, Baogang Wei and Cheng Gao	201
Research on Construction Technology Innovation Platform Based on TRIZ	211

The Improvement Research of Mutual Information Algorithm for Text Categorization	225
Service-Oriented Knowledge Acquisition Paradigm and Knowledge Cloud Platform	233
Visualization Analysis of Subject, Region, Author, and Citation on Crop Growth Model by CiteSpace II Software	243
Lexical Multicriteria-Based Quality Evaluation Model for Web Service Composition	253
Design and Implementation of Enterprise Resources Content Management System	259
Determination of Soluble Solids Content in Cuiguan Pear by Vis/NIR Diffuse Transmission Spectroscopy and Variable Selection Methods	269
Ontology-Based Design Knowledge Representation for Complex Product	277
Research on Dynamic Ontology Construction Method for Knowledge Fusion in Group Corporation	289
Shanghai Component Stock Index Forecasting Model Based on Data Mining	299
An Improved Design Rationale Reuse Method Based on Semantic Information	307
A New Study of Representation of Spatio-temporal Data with Information Granules	319

Does Control Matter? Exploring the Effects of Formal Control and Social Control on Knowledge Transfer in Service	
Supply Chain	325
A Performance Measurement Method to Production Efficiency Ci Chen and Junhong Chen	335
Teaching Strategies Reasoning Based on Dynamical Uncertainty Causality Graph in e-Learning System	345
Label Samples Using TC-SVDD	355
Improvement of Soluble Solids Content Prediction in Navel Oranges by Vis/NIR Semi-Transmission Spectra and UVE-GA-LSSVM	363
An Ontology-Based Domain Modeling Framework for Knowledge Service in Digital Library	373
A New Two-Dimension Model of Evaluating the Quality of Distance Education	385
Research on the Representation Methods for Rough Knowledge Zhicai Shi, Jinzu Zhou and Chaogang Yu	397