

Table of Contents

International Journal of Rough Sets and Data Analysis

Volume 3 • Issue 4 • October-December-2016 • ISSN: 2334-4598 • eISSN: 2334-4601

An official publication of the Information Resources Management Association

Guest Editorial Preface

v Special Issue on Knowledge based Information Retrieval Using Data Analysis

Vishal Bhatnagar, Ambedkar Institute of Advanced Communication Technologies and Research, New Delhi, India

Research Articles

1 An Approach to Distinguish Between the Severity of Bullying in Messages in Social Media

Geetika Sarna, Netaji Subhash Institute of Technology, New Delhi, India

M.P.S. Bhatia, Netaji Subhash Institute of Technology, New Delhi, India

21 Discovering Patterns using Process Mining

Ishak Meddah, LAMOSI Laboratory, USTO-MB University, Oran, Algeria

Belkadi Khaled, LAMOSI Laboratory, USTO-MB University, Oran, Algeria

32 Olympics Big Data Prognostications

Arushi Jain, Ambedkar Institute of Advanced Communication Technologies and Research, New Delhi, India

Vishal Bhatnagar, Ambedkar Institute of Advanced Communication Technologies and Research, New Delhi, India

46 Modeling Rumors in Twitter: An Overview

Rhythm Walia, Netaji Subhash Institute of Technology, New Delhi, India

M.P.S. Bhatia, Netaji Subhash Institute of Technology, New Delhi, India

68 Classification of Polarity of Opinions Using Unsupervised Approach in Tourism Domain

Mahima Goyal, Ambedkar Institute of Advanced Communication Technologies and Research, New Delhi, India

Vishal Bhatnagar, Ambedkar Institute of Advanced Communication Technologies and Research, New Delhi, India

79 Modified LexRank for Tweet Summarization

Avinash Samuel, Department of CEA, GLA University, Mathura, India

Dilip Kumar Sharma, Department of CEA, GLA University, Mathura, India

COPYRIGHT

The *International Journal of Rough Sets and Data Analysis (IJRSDA)* (ISSN 2334-4598; eISSN 2334-4601), Copyright © 2016 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Rough Sets and Data Analysis* is indexed or listed in the following: ACM Digital Library; Cabell's Directories; DBLP; Google Scholar