

Table of Contents

	Page
Learning Multi-Label Classification from Data Annotated with Unique Labels	5
<i>Gargi Roy, Lipika Dey</i>	
Investigating Deep Learning Approaches for Hate Speech Detection in Social Media	19
<i>Prashant Kapil, Asif Ekbal, Dipankar Das</i>	
Event-Argument Linking in Hindi for Information Extraction in Disaster Domain	31
<i>Sovan Kumar Sahoo, Saumajit Saha, Asif Ekbal, Pushpak Bhattacharyya, Jimson Mathew</i>	
Evaluating Lightweight Text Classification Approaches for Arabic Texts	43
<i>Dhaou Ghoul, Lichao Zhu, Gael Lejeune</i>	
Improvement of a Transcription Generated by an Automatic Speech Recognition System for Arabic Using a Collocation Extraction Approach.....	57
<i>Heithem Amich, Salah Zrigui, Mounir Zrigui</i>	
Comparative Study of Text Summarization Approaches.....	71
<i>Amina Merniz, Anja Habacha Chaibi, Henda Hajjami Ben Ghezala</i>	
Multimodal Neural Machine Translation Using CNN and Transformer Encoder.....	85
<i>Hiroki Takushima, Akihiro Tamura, Takashi Ninomiya, Hideki Nakayama</i>	
Query Classification based on Textual Patterns Mining and Linguistic Features.....	97
<i>Mohamed Ettaleb, Chiraz Latiri, Patrice Bellot</i>	
Restructuring Spoken Corpus for Streaming Emulation.....	109
<i>Jan Oldřich Krůza</i>	
Development and Classification of a Chinese Humor Corpus.....	117
<i>Yi-Ciao Gu, Yuen-Hsien Tseng, Wei-Lun Hsu, Wun-Syuan Wu, Hsueh-Chih Chen</i>	

Is There a Linear Subspace in which the Difference Vectors of Word
Analogy Pairs are Parallel?..... 127
Stephen Taylor, Tomas Brychcin