GUEST EDITORIAL PREFACE

Special Issue on the International Conference on Business Intelligence (CBI '15) Part 2

Mohamed Fakir, Faculty of Science and Technology, Université Sultan Moulay Slimane, Beni Mellal, Morocco

On April 23-25, 2015, the second edition of the Conference on Business Intelligence (CBI'15) was held in Beni Mellal, Morocco in which I served as program chair. Celebrating its 2nd anniversary, CBI'15 provided a forum for presenting original unpublished research results, practical experiences and innovative ideas in Business Intelligence. The conference was an overwhelming success, with tree invited talks, forty four regular papers and thirty short papers being included in the conference program. After the conference, nine papers were selected from the conference program and included in this special issue in Journal of Electronic Commerce in Organizations (JECO). These nine papers, split into two separate issues, reflect different aspects of data mining, pattern recognition, and telecommunication.

The paper "Genetic Algorithm Learning and Nash Equilibrium Application on Price-QoS Competition in Telecommunications Market", by M. OUTANOUTE & al, consider a Genetic Algorithm and Theoretical Games to analyze the competition game between selfish players in telecommunications market. They find strategies that produce the most favorable profile for each player.

"Two-Dimensional Face Recognition Methods Comparing with a Riemannian Analysis of Iso-Geodesic Curves", by R. AHDID and al, presented a system

for recognizing human faces based on 2D analysis of facial surfaces using the Riemannian geometry. This method shows the surfaces of human faces as a collection of contour lines.

"Real-time detection of road signs" by SALHI & al developed a Traffic Sign Detection algorithm by using Polygonal Approximation of digital curves applied on contours extracted from the real video stream. The main reason for selecting this method is to reduce the computational cost in order to facilitate the real time implementation. This is proved by the tests performed using camera and photos containing several road signs with white and complex backgrounds.

"A Modified Value Iteration Algorithm for Discounted Markov Decision Processes" by S. CHAFIK & al presented a method to determine optimal policies for discounted Markov Decision Processes (MDPs). The method is an effort toward developing efficient approaches to solve large MDPs. They used the notion of successors and the technique of parallelization with the Open MP API.

As a program chair of the International Conference on Business Intelligence (CBI'15), I feel honored to have been given the opportunity to hold this prestigious international conference. The organizing committee has made elaborate plans for the success of this edition of CBI'15 in an effort that was jointly by the FST (Faculty of Sciences and Techniques), the University Sultan Moulay Slimane (USMS), the laboratory of Information Processing and Decision Support (TIAD) and the Association of Business Intelligence (AMID). We are thankful to our sponsors: the FST, USMS and AMID.

We would like to thank authors for submitting their work for this special issue and all the reviewers for dedicating their time and effort to the reviewing process. All thanks also for Journal of Electronic Commerce in Organizations (JECO) editor for accepting to publish this issue of the CBI'15 conference.

Mohamed Fakir
Guest Editor
JECO