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Intelligent Computational Techniques

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Abstract:

This guest editorial introduces the special issue on "Intelligent Computational Techniques". The goal of this special issue was to solve a variety of real-life problems which have uncertainty, imprecision, vagueness, resulting in high performance applications or prototypes for real time system. The special issue touched different hot topics related to Computer Vision, Computational Biology, Natural Language Processing, Computer Networks, Software Engineering, Industrial Production and Big Data.

Keywords: *Computer Vision, Computational Biology, Natural Language Processing, Computer Networks, Software Engineering, Industrial Production, Big Data*

Introduction

The exciting developments in several areas and with the advent of ever-increasing and pervasive computational resources, huge opportunities arise for developing intelligent Computational Techniques to solve a variety of real-life problems which have uncertainty, imprecision, vagueness [1-4].

Computational Techniques rapidly converted from a research topic with few commercial applications for a next generation technology with applications in every sector of the economy [5-6]. Hybridization of Computational techniques with traditional methods has become a topic of increasing interest for both researchers and developers from academic fields and industries worldwide [7]. A large number of intelligent computational algorithms with increasing computational power of computers have significantly extended the number of potential intelligent applications in every sector [8].