Multiple-Criteria Decision-Making and Computational Intelligence: Recent Applications

Message from the Guest Editors

Human decision makers are guided by their own experience and intuition. Multiple-criteria decision-making (MCDM) and application of mathematical methods significantly reduces the influence of subjectivism and intuition in decision making. Multi-criteria decision-making is the process of choosing one alternative from a set of available alternatives or, in some cases, involves ranking alternatives based on a predefined set of specific criteria that usually have different meanings. Computational intelligence (CI) is based on the three main complementary techniques: neural networks, fuzzy systems, and evolutionary computing. CI represents the mechanisms of intelligent behavior in complex and changing environments; mechanisms that can learn, adapt, etc. This unique Special Issue on "Multiple-Criteria Decision-Making and Computational Intelligence: Recent Applications" will include recent developments and applications in the aforementioned two areas.

Guest Editors

Prof. Dr. Darjan Karabašević

Prof. Dr. Dragiša Stanujkić

Prof. Dr. Gabrijela Popovic

Dr. Alptekin Ulutaş

Prof. Dr. Muzafer Saračević

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Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Humberto Bustince
Department of Statistics, Computer Science and Mathematics, Public University of Navarra, 31006 Pamplona, Spain

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