Special Issue

Some Applications of Mathematical Methodologies in Operations Research

Message from the Guest Editors

The applications of mathematical methods for operations research are well established. The emerging fields require mathematical methods such as calculus, statistics, probability, queuing theory, and numerical methods along with developed metaheuristics and advanced artificial intelligence for problem solving and decision making. This Special Issue aims to find novel mathematical methods for optimization and problem solving in the emerging fields of operations research, especially for technology development, sustainability, and climate change issues within operations research. The proposed methods should solve higher-dimensional non-linear constraint and unconstraint optimization problems, but should not be limited to these. Novel approaches for complex linear constraints and unconstraint problems are also acceptable. The scope of this Special Issue is not only limited to the above topics of operations research but also welcomes other novel methods for problem solving, global optimization, and best-fit solutions.

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Message from the Editor-in-Chief

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.

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