Special Issue

Multi-Objective Optimization and Applications

Message from the Guest Editors

Dear Colleague, The use of optimization techniques has become frequent in recent decades. With the development of new methods and the greater availability of computer resources, applications in the most diverse fields of knowledge have spread, from academic banks to the day-to-day running of companies. However, a more realistic approach can be achieved if several objectives are integrated into the process. Thus, an exciting strategy cannot only meet cost requirements, for example, but it also concerns itself with durability, efficiency, reliability, and sustainability. Given that several objectives are involved, which are usually in conflict with each other, new strategies are needed, while new and more complete applications are envisioned. In this sense, the Special Issue, "Multi-objective Optimization and Applications", aims to provide a platform for the dissemination of knowledge related to multi-objective optimization. Research articles involving efficient and innovative optimization methods and new applications related to the diverse areas of expertise are sought, promoting an exchange of new ideas and trends in relation to the subject.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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