Special Issue

Optimization Models for Supply Chain, Planning and Scheduling

Message from the Guest Editor

This Special Issue is devoted to recent research, current developments, and applications of mathematical methods applied to supply chain processes (planning and scheduling). This includes the principles and practice of the design, implementation, and analysis of exact and approximate optimization methods. The topics of interest include but are not limited to the following:

- Heuristic and metaheuristic algorithms for planning and scheduling problems in supply chains (manufacturing, scheduling, transportation);
- Exact algorithms (brand and bounds, dynamic programming, etc.);
- Different scheduling and planning applications (timetabling, network routing, crew scheduling, production scheduling, resource-constrained project scheduling, route planning, etc.);
- Energy-efficient or multiobjective planning and scheduling problems;
- Artificial Intelligence and data analytics;
- Literature review articles on the above categories.

Guest Editor

Dr. Charis Ntakolia

Department of Aeronautical Studies, Sector of Materials Engineering, Machining Technology and Production Management, Hellenic Air Force Academy, Dekeleia Base, 13672 Acharnes, Greece

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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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

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