DESCRIPTION

The European Journal of Operational Research (EJOR) publishes high quality, original papers that contribute to the methodology of operational research (OR) and to the practice of decision making. EJOR contains the following types of papers:

- Invited Reviews, explaining to the general OR audience the developments in an OR topic over the recent years
- Innovative Applications of OR, describing novel ways to solve real problems
- Theory and Methodology Papers, presenting original research results contributing to the methodology of OR and to its theoretical foundations,
- Short Communications, if they correct important deficiencies of papers previously published in EJOR

The Theory and Methodology Papers are classified into one of the seven headings:

- Continuous Optimization
- Discrete Optimization
- Production, Manufacturing and Logistics
- Stochastics and Statistics
- Decision Support
- Computational Intelligence and Information Management
- Interfaces with Other Disciplines

In addition to these types of papers, EJOR contains Book Reviews.

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Researchers and practitioners working in the area of operational research/management science
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INTRODUCTION

Editorial policies

The European Journal of Operational Research (EJOR) publishes high quality, original papers that contribute to the methodology of operational research (OR) and to the practice of decision making. The relation with ongoing research should be demonstrated by providing proper reference to the recent OR literature. With application papers, originality should be demonstrated by applying OR to a problem with interesting new aspects or by providing fresh insights leading to successful implementation. Practitioners often suffer from the need to conceal commercial secrets. Referees will take this into sympathetic consideration when advising on an application paper, but it will not be allowed to detract from the clarity of the presentation.

Types of paper

EJOR includes the following types of papers:

• Theory and Methodology Papers
  Papers presenting original research results contributing to the methodology of OR and to its theoretical foundations. The Theory and Methodology Papers will be classified by the Editors into one of seven sub-headings, based on the List of EJOR Keywords:
  1. Continuous Optimization
  2. Discrete Optimization
  3. Production, Manufacturing and Logistics
  4. Stochastics and Statistics
  5. Decision Support
  6. Computational Intelligence and Information Management
  7. Interfaces with Other Disciplines
• Innovative Applications of OR
  Papers describing novel ways to solve real problems. A paper presenting an Innovative Application of OR may be worthy of publication simply because it can be used to convince managers of the value to be gained by applying OR to particular problems.
• Short Communications
  Short Communications are considered, but only if they correct important deficiencies of papers published in EJOR during the last 5 years.
• Invited Reviews
  Review papers, submitted by invitation only, which explain to the general OR audience the developments in an OR topic over recent years. An Invited Review may be either on a specific research topic, a tutorial, or a bibliographic survey. Note: Anyone interested in writing a review is requested to suggest a topic to one of the Editors, or to a member of the editorial board of EJOR before submitting a paper. If the topic is considered suitable, an invitation to submit will then be given. Unsolicited review papers will be returned to the authors.
• Special Issue Papers
  EJOR occasionally publishes groups of papers on topical themes. Submissions are handled by one or more Guest Editors. Special issues that are open for new submissions will each have their own paper type available in the submission system. Please visit the current list of Calls for Papers to see which special issues are open for new submissions.

Advice from the Editors

EJOR has a very high volume of submissions and acceptance is competitive. Therefore, papers that do not contain a major new research finding, or novel approach to the application of OR, are likely to be rejected. A paper may also be rejected because- in the opinion of the Editor- it does not make a sufficient scientific contribution.

All papers will be subject to an initial screening and technical check by the EJOR Managing Editor. Please carefully read the guidelines for NEW SUBMISSIONS, below. If your article is written in poor English or does not contain all of the required components, it will not progress to peer review stage.

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The article should be A4 or letter size, in single column pages, with 11pt font and 1.5 line spacing. Please do not use double column format or line numbering; line numbers will be added to your paper by the submission system.

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The structure should be easy to follow. Sections should be clearly defined and numbered, with headings on separate lines.
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• Highlights*
• Comments to reviewers
• Manuscript source files

**Optional**
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• Graphical abstract*
• Supplementary materials*

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List of EJOR keywords

• (D) Analytics
• (I) Applied probability
• (S) Artificial intelligence
• (S) Assignment
• (D) Auctions/bidding
• (D) Behavioural OR
• (I) Bioinformatics
• (S) Branch and bound
• (O) Combinatorial optimization
• (D) Community operational research
• (S) Complexity theory
• (B) Computing science
• (I) Conic programming and interior point methods
• (O) Constraint programming
• (I) Control
• (I) Convex programming
• (D) Cost benefit analysis
• (O) Cutting
• (D) Data envelopment analysis
• (I) Data mining
• (B) Decision analysis
• (D) Decision processes
• (S) Decision support systems
• (B) Distributed decision making
• (O) Distribution
• (S) Dynamic programming
• (D) E-commerce
• (O) Education
• (D) Ethics in OR
• (S) Evolutionary computations
• (I) Facilities planning and design
• (B) Finance
• (O) Flexible manufacturing systems
• (T) Forecasting
• (I) Fractional programming
• (S) Fuzzy sets
• (I) Game theory
• (O) Genetic algorithms
• (I) Global optimization
• (S) Goal programming
• (I) Graph theory
• (S) Group decisions and negotiations
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• (D) Human resource planning
• (O) Humanitarian logistics
• (B) Integer programming
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• (B) Investment analysis
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• (I) Linear programming
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• (T) Maintenance
• (T) Manufacturing
• (I) Markov processes
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• (S) Multiple objective programming
• (I) Multivariate statistics
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• (I) Nonlinear programming
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• (I) OR in airlines
• (T) OR in defence
• (O) OR in developing countries
• (O) OR in disaster relief
• (I) OR in energy
• (B) OR in entertainment
• (D) OR in environment and climate change
• (D) OR in government
• (O) OR in health services
• (O) OR in maritime industry
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• (B) OR in organization theory
• (D) OR in research and development
• (I) OR in scientometrics
• (O) OR in service industries
• (D) OR in societal problem analysis
• (D) OR in sports
• (I) OR in telecommunications
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• (S) Preference learning
• (D) Pricing
• (D) Problem structuring
• (O) Production
• (D) Productivity and competitiveness
• (B) Project management
• (S) Project scheduling
• (T) Purchasing
• (I) Quality control
• (T) Quality management
• (I) Queueing
• (B) Reliability
• (I) Replacement
• (O) Retailing
• (D) Revenue management
• (B) Risk analysis
• (B) Risk management
• (B) Robustness and sensitivity analysis
• (S) Rough sets
• (T) Routing
• (B) Scenarios
• (S) Scheduling
•(I) Semi-infinite programming
•(B) Simulation
•(I) Stochastic processes
•(I) Stochastic programming
•(D) Strategic planning
•(T) Supply chain management
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•(I) Traffic
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