

Joint Special Issue

Advances in Discrete Applied Mathematics and Graph Theory, 3rd Edition

Message from the Guest Editors

Since its origins in the 18th century, graph theory has been a branch of mathematics that is both motivated by and applied to real world problems. Research in discrete mathematics increased in the latter half of the twentieth century mainly due to development of digital computers. On the other side, the advances in technology of digital computers enables extensive application of new ideas from discrete mathematics to real-world problems. This special issue intends to promote novel examples of application of graph theory and discrete mathematics, as well as purely theoretical works with foreseen impact to applications. The editors do not intend to narrow the scope of applications, and also encourage studies in standard areas of application that may be of particular interest at the time. Contributions are welcome. The selection criteria will be based on the formal and technical soundness, and the relevance of the contribution.

Guest Editors

Prof. Dr. Janez Žerovnik

1. Faculty of Mechanical Engineering, University of Ljubljana, 1000 Ljubljana, Slovenia
2. Institute of Mathematics, Physics, and Mechanics, 1000 Ljubljana, Slovenia

Dr. Darja Rupnik Poklukar

Faculty of Mechanical Engineering, University of Ljubljana, 1000 Ljubljana, Slovenia

Deadline for manuscript submissions

31 March 2025

Participating open access journals:

Mathematics

Impact Factor 2.3

CiteScore 4.0

mdpi.com/si/178910



Mathematics

Impact Factor 2.3

CiteScore 4.0

mdpi.com/si/118061

