Special Issue

Graph Theory with Applications

Message from the Guest Editors

Graph theory can be traced back to 1735, when Leonhard Euler presented his solution of the Königsberg seven bridge problem. With the triumph in computer-aided resolution of the four color conjecture by Appel and Haken in 1977, graph theory entered a new era. In the past several decades, due to the increasing demands from applied sciences and other branches of mathematics, graph theory has had a dramatic development and become a flourishing discipline, including but not limited to the following subjects: algebraic graph theory, algorithmic graph theory, chemical graph theory, extremal graph theory, random graph theory, spectral graph theory, structural graph theory, topological graph theory, etc. In this Special Issue, we would like to invite you to submit your recent research in the area of graph theory and its applications. Submissions related to all aspects of graph theory and its applications that present new theoretical results or algorithms are welcome.

Guest Editors

Prof. Dr. Xueliang Li
Center for Combinatorics, Nankai University, Tianjin 300071, China

Dr. Jiaao Li
School of Mathematical Sciences, Nankai University, Tianjin 300071, China

Deadline for manuscript submissions

closed (30 June 2022)

Axioms

MDPI

About the Journal

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.

Editor-in-Chief

Prof. Dr. Humberto Bustince
Department of Statistics, Computer Science and Mathematics, Public University of Navarra, 31006 Pamplona, Spain

Author Benefits

Open Access
— free for readers, with article processing charges (APC) paid by authors or their institutions.

High visibility:
indexed within SCIE (Web of Science), dblp, and other databases.

Journal Rank:
JCR - Q2 (Mathematics, Applied)