Special Issue

Recent Developments in Graph Theory

Message from the Guest Editor

It brings me great pleasure to announce the commencement of our latest Special Issue, focusing on the forefront of advancements and research within the realm of graph theory and discrete applied mathematics, particularly spotlighting domination theory and chemical graph theory. The realm of domination stands as a swiftly expanding domain within graph theory, bearing significant real-world applications spanning various sectors. These applications range from the analysis of electrical and communication networks to optimization and coding theory. Similarly, the realm of chemical graph theory holds immense application potential, employing graph theoretical constructs to model the physical and biological attributes of chemical compounds. We extend a cordial invitation to researchers who are actively engaged in these fields to contribute their work to this Special Issue. We firmly believe that this compilation will serve as a pivotal repository of knowledge and inspiration for the researchers, professionals, and students vested in these dynamic and rapidly evolving domains.

Guest Editor

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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

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