



Domination, Independence and Distances in Graphs

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Deadline for manuscript
submissions:

closed (31 July 2023)

Message from the Guest Editors

Graph theory is a fascinating section of discrete mathematics. It can be used as a model of many real-life objects and relations between them, serving as a tool to solve many important problems in today's world. One of the most known examples that use graph theory are telecommunications networks, biological networks, social networks, and many others. Graph algorithms, for example, can help us to find the shortest route between two places, or to place important elements in networks.

Some of the broadest studied parameters in graph theory, such as the domination number, the independence number, and their variants, are always in the spotlight of research, and a significant part of them is related to distance aspects. They have been extensively studied up to now, and there is a huge body of literature on them. The interest in those graph parameters can be justified by their application in both diverse theoretical fields and many practical aspects.





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Message from the Editor-in-Chief

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