



Graph Labelings and Their Applications

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Message from the Guest Editors

Among the huge diversity of concepts that appear while studying graph theory, one that has gained a lot of popularity is the concept of labelings of graphs. Graph labelings provide useful mathematical models for a wide range of applications in high technologies (data security, cryptography (secret sharing schemes), astronomy, various coding theory problems, communication networks, etc.). A labeling or a valuation of a graph is any mapping that sends a certain set of graph elements to a certain set of numbers subject to certain conditions.

Please note that all submitted papers must be within the general scope of the *Symmetry* journal.

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Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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