



Complexity in 6G: Measures, Advanced Models and Mathematical Algorithms to Face New Challenges in the New Communication Paradigm Development

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Message from the Guest Editors

The forthcoming 6th generation of communication networks (6G) will attempt to rewrite the communication networks' perspective, focusing on a radical revolution in the way entities and technologies are conceived, integrated, and used.

This Special Issue focuses on analytical methodologies, measures, and algorithms linked to the complex systems approach to facing challenges in 6G development. We are also interested in case studies based on different application fields, from health to smart cities. Through this Special Issue, we hope to encourage interdisciplinary collaboration between researchers in complex systems and networking from both academia and industry to present their novel and unpublished works in the domains explained above toward meeting the new challenging demands of 6G.

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Special Issue



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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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