Message from the Guest Editors

Dear Colleagues,

This special issue deals with the growing field of applications of both algebra and geometry to solve engineering problems. The focus is to explore most recent results in linear algebra, discrete mathematics, optimization, or geometry together with their concrete applications to a explicit engineering problem.

A wide range of topics are welcome including matrix analysis, parametric matrices, tensors and tensor decomposition, transforms, signals, data compression, geometry of compression, finite geometries, graphs and its applications to engineering, algebraic model selection, model construction, mathematical models in machine learning, mathematical models of communication, secure communications, secure networks, data-driven models, data-driven dynamical systems, data-driven control, algebraic theory of dynamical systems, geometric theory of dynamical systems, reduced order models, boundary element methods, and mesh reduction methods.

For further detailed information, please refer to the special issue website:

https://mdpi.com/si/86327
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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