

Special Issue

Ordered Topological Vector Spaces, Operators Acting on Them and Related Applications

Message from the Guest Editor

All spaces involved in applications have natural structures of ordered topological vector spaces. Extension theorem for linear operators and polynomial approximation on special closed unbounded subsets leads to characterizing the existence and uniqueness of the solutions of some Markov moment problems in terms of quadratic forms. Finding new results on this subject is the first aim. The second purpose is to give applications related to the characterization of isotonicity of a continuous convex operator on a convex cone in terms of its subdifferentials. I cordially invite you to publish your results on related subjects in this Special Issue.

Guest Editor

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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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