

CALL FOR PAPERS

Journal of Mathematical Analysis

Special Issue to honor Prof. Akbar Azam's contributions

Generalized Contractions in Fixed Point Theory with Applications

One of the most dynamic area of research in the last 50 years, fixed point theory plays a fundamental role in several theoretical and applied mathematics, such as nonlinear analysis, integral and differential equations and inclusions, dynamical system theory, mathematics of fractals, mathematical economics (game theory, equilibrium problems, optimization problems), as well as mathematical modelling. Due to the importance of fixed point theory and its applications, it is worthwhile to publish a special issue on this topic to highlight recent advances made by mathematicians actively working in this area.

This special issue aims to promote the exchange of ideas between researchers and to spread new trends in these areas. This special issue will focus on fixed point theorems concerning generalized contractions and will accept good quality papers containing original research results with exceptional merit.

Potential topics include, but are not limited to:

- Fixed point theory and its applications
- Nonlinear optimization and global optimization
- Engineering applications of fixed point theory
- Mathematical modelling via fixed point theory approaches
- Convergence of iterative approximations and applications
- Coincidence point theory and applications
- Fractional Differential and Integral Equations
- Operator equations and inclusion problems

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