

Special Issue

Iterative Methods with Applications in Mathematical Sciences II

Message from the Guest Editors

The aim of this Special Issue is to present new trends in this area. The topics included in this Special Issue can be any of the following: 1. Numerical solution of ODE, PDE, and Integral equations; 2. Variational iterative methods; 3. Iterative schemes applied to optimization problems; 4. Design of new Newton-type iterative method for solving nonlinear equations or systems; 5. Iterative schemes applied to image processing, radio detection, and ranging; 6. Iterative schemes for singular problems; 7. Adomian decomposition methods for non-Newtonian fluids; 8. Homotopy analysis method for buckling nonuniform columns; 9. Nonlinear problems associated with automatic guided vehicles; 10. Variational order fractional financial systems; 11. Steffensen-type methods for estimating the solution of nonlinear problems; 12. Variational inequalities in Banach spaces; 13. Semilocal convergence in Banach spaces; 14. Generalized equilibrium problems; 15. Nonlinear models in medicine; 16. Newton-type methods for differential-algebraic equations and fuzzy integrodifferential equations; 17. Fixed point theory; 18. Rocking vibration in geotechnical problems.

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