

PREFACE

In this Special Issue on Operator Theory we present papers authored by a selected group of experts in the area of operator theory and its applications. The growing importance of operator theory has been recognized in recent years. This is due not only to impressive theoretical developments, but also because of numerous applications. The Special Issue contains nine papers contributed by well-known experts in operator theory and its applications from France, Germany, Greece, Italy, Japan, Morocco, Poland, Portugal, Sweden, Venezuela, United Kingdom and USA.

These papers cover a wide spectrum of important problems and topics of current research interest in operator theory and its applications such as nonlinear nonconvex second order multivalued systems with maximal monotone terms, a theorem of Lobanova and Sadovskij, quantified asymptotic behaviour of Banach space operators and applications to iterative projection methods, nonlinear model for image restoration, profile decomposition in metric spaces, extensions of the Dugundji–Granas and Nadler’s theorems on the continuity of fixed points, creating materials in which heat propagates along a line, generalizations of Ćirić’s and Bogin’s fixed point theorems and the split common fixed point problem.

Therefore we feel that this special issue will be very valuable for many mathematicians and practitioners, who are interested in recent developments in operator theory as well as its numerous applications.

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