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PREFACE

This special issue of the Journal of Nonlinear and Convex Analysis (JNCA) on "nonsmooth analysis and optimization" is edited in honor of Professor Do Sang Kim on the occasion of his 70th birthday for his substantial contributions to nonsmooth analysis and vector optimization.

Currently, Professor Do Sang Kim is an Honorary Professor in the Department of Applied Mathematics at the Pukyong National University (PKNU), Busan, South Korea, where he had been working for more than 40 years. During his outstanding academic career, Professor Kim made and continues to make significant contributions in many aspects of nonsmooth analysis and vector optimization. He co-authored over 170 journal articles, which received worldwide attention from scholars who work in operations research.

In addition to his outstanding research contributions, Professor Kim also made a tremendous impact through his dedicated service to the profession as the organizer of numerous conferences (especially for the successful series of workshops on Mathematical Optimization Theory and Applications between Korea and Vietnam) and the editor of several journals. His energy and enthusiasm inspired many of his colleagues, visiting scholars, and students around the world.

In view of his great contributions and impact, Professor Kim received the third Pukyong National University Academic Award (1999), the Busan Scientific and Technical Award (2014), the Education Award from Korean Mathematical Society (2017). He also serves as an organizing committee member of the International Congress of Mathematicians (ICM), which was held in Seoul, Korea, in the period August 13-21, 2014, and received a Special Merit Award from the Korean Mathematical Society.

This special issue consists of 17 papers on recent results in the areas of nonlinear analysis, optimization and related applications. We would like to thank the authors and the anonymous reviewers for their help in making this special issue possible. We hope that the papers in this issue will stimulate further research advances in nonsmooth analysis and optimization and its applications to various areas.

On behalf of all the contributors of this special issue, we would like to sincerely congratulate Professor Do Sang Kim on the occasion of his 70th birthday and wish him good health, happiness, and many more contributions to optimization in the years to come.

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