Professor PHAM HUU SACH

Foreword

This special issue of Acta Mathematica Vietnamica is dedicated to Professor Pham Huu Sach on the occasion of his sixtieth birthday.

Prof. Pham Huu Sach was born on May 12, 1941, in district Truc Ninh, province Nam Dinh, Vietnam. He graduated from Hanoi National University in 1962. In the same year he joined the Research Group on Mathematics (National Committee of Sciences and Technology), the predecessor of the Institute of Mathematics. He obtained his Ph.D. in Mathematics under the supervision of V. G. Boltyanskii in 1970 and his Doctor of Sciences in 1981, both at the Steklov Mathematical Institute, Moscow. From April 1990 to October 1995 he served as the director of the Institute of Mathematics. He became an editor of Acta Mathematica Vietnamica since 1983. He has been also an active collaborator of several other mathematical journals such as Journal of Optimization Theory and Applications, Optimization, Applied Mathematics and Optimization, Numerical Functional Analysis and Optimization, Vietnam Journal of Mathematics.

Prof. Sach has published nearly 50 research papers addressing a broad variety of problems in optimization theory and set-valued analysis such as:

- Controllability of discrete dynamical systems described by set-valued maps;
- Inconsistency of inclusion systems;
- Derivatives of set-valued maps, properties of convex and nonconvex set-valued maps;
- Optimality conditions and regularity in general optimization problems;
- Duality in optimization theory.

A major part of these papers was published in prestigious mathematical journals. He has built up a strong research group specialized in nonsmooth optimization and set-valued analysis in Vietnam. Some of his former Ph.D. students have become professors at distinguished universities and research institutes in Hanoi, Hue, Ho Chi Minh City.

Prof. Sach has contributed a lot to the development of the Institute of Mathematics into a leading research and teaching center of Vietnam. People at the institute respect him for his sincerity and frankness. The Vietnamese Government has awarded him a Labor Medal for his scientific achievements and his contributions to the mathematical community.

We wish Professor Pham Huu Sach a very fruitful research and teaching work in the coming years.