

**PREFACE: NONLINEAR ANALYSIS AND APPLICATIONS
DEDICATED TO PROFESSOR SHIH-SEN CHANG ON THE
OCCASION OF HIS 91TH BIRTHDAY**



We are deeply honored to organize this special issue in celebration of Professor Shih-sen Chang (Zhang, Shisheng)'s 91st birthday. Professor Chang is one of a few mathematician since last century in China who have made fundamental contributions in nonlinear functional analysis and probability metric space theory and its applications, in particular, Professor Chang's work in the development of fixed point theory in topological vector spaces by establish topological degree method to non-expansive mappings in applying iteration algorithms in metric spaces, and related topics, plus the pioneering and fundamental work by introducing nonlinear principles and methods to probability metric space theory and its applications have been remarkable achievements in his mathematical career. These re-

sults have become core parts of contents in the textbook or monographs in fields of nonlinear functional analysis and probability metric space theory. Professor Chang's prolific academic career includes seven monographs(four in English), plus more than 600 academic research papers. According to statistics from Huizhi Technology (<http://scholar.huezhi.com>), Professor Chang has an H-index of 47. His academic papers have been cited over 9,000 times by more than 1,145 scholars worldwide. Notably, Professor Chang remains actively engaged in frontline research. According to Web of Science (<https://webofscience.clarivate.com/>) statistics, he published 44 SCI papers between 2020 and 2023 alone, with 27 of them listing him as the first author. Professor Chang has played a crucial role in the development of academic publishing, serving as an editorial board member for more than 10 domestic and international journals. From 1985 to 2000, Professor Chang successfully led five projects funded by the National Natural Science Foundation of China, and was twice supported by the Ph.D. Programs Foundation of Ministry of Education of China between 1989 and 1993. Professor Chang graduated from the Department of Mathematics at Sichuan University in 1958. Throughout his career, Professor Chang has profoundly impacted the field of mathematics, in particular, for the field of nonlinear functional analysis and probability metric space theory. In his more than 60 years' research and education, he has been recognized and received many honors from national levels to provincial levels, here, just mentioning a few of them,

he received the honor of “State Council Special Allowance ” by Chinese government in early 1990’s; received the “Science and Technology Progress Awards ” from both Sichuan Province and the Ministry of Education of China multiple times since 1990’s, and in 1994, for his fundamental contribution on ”The Theory and Applications of Variational Inequalities and Complementarity Problems” being a sole contributor, professor Chang received the “First Prize in Science and Technology Progress ” from the Sichuan Provincial government. Professor Chang has devoted his lifetime so far with more than 65 years to teaching, mentoring, and scientific research. His students are spread across China and overseas. Though he retired from Sichuan University in 1999, Professor Chang continued to share his expertise globally. His contributions to mathematical sciences have been recognized worldwide. Professor Chang has been invited to delivery lectures, speaker, and collaborate on research in more than 20 countries and regions, including Canada, Australia, Italy, France, South Korea, Hong Kong and Taiwan. He held prestigious positions as a visiting or Chair professor across many universities and institutes. Here, just mention a few of them, including Dalhousie University (Halifax, Canada), The University of Queensland (Brisbane, Canada), The Hong Kong Polytechnic University (HK, China); Bushan University (Korea), Gyeongsang National University (Korea). Currently, Professor Chang is holding the chair professor position in Center for General Education of China Medical University, Taiwan. We do believe Professor Chang will continue his research actively without any doubt, but we do wish Professor Chang is moving forward in the form of physical health and happiness.

Best wish from

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