

PREFACE

Earlier in 1998, Professors C. D. Pan and L. Yang, and many of my friends and colleagues urged and encouraged me to publish a volume of my selected papers since most of these papers were published in China and hard to find elsewhere. The Hunan Normal Publisher and in particular, Ms S. H. Meng published a Chinese edition which appeared in 1999.

Now World Scientific Publishing Company and Dr K. K. Phua has invited me to publish an English version of my selected papers. This is really my honour and I accepted the offer. Ms R. T. Tan and Ms E. H. Chionh helped me with the editing work.

I have been working in Chinese Academy of Sciences since 1952 when I graduated from the Department of Mathematics, Zhe Jiang University. My teacher, Professor L. K. Hua, led me to the field of Number Theory. We also cooperated for a long time on the applications of number theory to numerical analysis. My other longtime collaborator is Professor K. T. Fang. Our joint work is in experimental designs. In order for the readers to understand my life and works, the volume contains a related paper of Professors W. L. Li and X. D. Yuan.

The readers can also see that my works are related and influenced by N. C. Ankeny, N. S. Bahvalov, A. Baker, V. Brun, A. A. Buchstab, D. A. Burgess, J. R. Chen, T. Cochrane, H. Davenport, P. Erdős, K. T. Fang, G. H. Hardy, L. K. Hua, N. M. Korobov, P. Kuhn, Yu. V. Linnik, J. E. Littlewood, T. Mitsui, C. D. Pan, W. M. Schmidt, A. Selberg, C. L. Siegel and H. Weyl.

Finally, I would like to take this opportunity to express my sincere thanks to those colleagues and institutions for their kind help.

Wang Yuan