

Preface

This special issue of the Journal of K-Theory is a collection of articles displaying the interest in China in many areas of K-theory, number theory and geometry. Topics included are cycles, Chow groups, Murre's conjecture, Bloch-Wigner complexes, refined Bloch groups, twisted geometric cycles and twisted K-homology, generalized Bredon cohomology, classical Iwasawa theory for K_{2n} , relative reciprocity laws, tame kernels and second regulators, λ -invariants, local-global principles in étale K-groups, and Bott elements and periodicity. Many Chinese mathematicians interested in these or other topics having ties with K-theory were generously supported during the early phases of their careers by programs guided by Prof. Aderemi Kuku at the International Center for Theoretical Physics in Trieste. The articles of this issue are therefore dedicated to Prof. Kuku on the occasion of his seventieth birthday.

The editors (X. Guo, H. Qin, G. Tang) and their Nanjing colleagues N. Ding, Z. Huang, Q. Ji and X. Zhu organized a conference on the topics of this issue at Nanjing University in March 2011, in honor of Prof. Aderemi Kuku's 70'th birthday. The articles making up this issue are authored by participants of the conference and their collaborators. The organizers want to thank Nanjing University and the Jiangsu Mathematical Society for their generous sponsoring of the conference and the Chancellor Prof. Yinxing Hong and the President Prof. Jun Chen of Nanjing University for their support. They also want to acknowledge the financial support of the NSFC (Nos. 11171141110, 11271177), BK2010007, PAPD, the Cultivation Fund of the Key Scientific and Technical Innovation Project, the Ministry of Education of China (No.708044), NCET-10-0471 and the International Center for Theoretical Physics.

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