Preface

Over the past decade there have been very rapid developments of adaptive computations. To review the recent developments and to explore exciting new directions in this area, the International Conference on Recent Advances in Adaptive Computation was held at Mathematical Research Center of Zhejiang University in Hangzhou, China, from May 24-28, 2004. The conference covers modern theories and practical applications of the adaptive methods. The scope of the conference is to bring together both specialists and users to discuss about the state of art and the new directions of the adaptive computations.

The conference attracted a number of leading scientists in adaptive computations, including the following invited speakers: Mark Ainsworth (University of Strathclyde, Scotland), Carsten Carstensen (Humboldt University at Berlin, Germany), Zhiming Chen (Chinese Academy of Sciences, China), Benqi Guo (University of Manitoba, Canada), Ronald H.W. Hoppe (Universitaet Augsburg, Germany and University of Houston, USA), Stig Larsson (Chalmers University of Technology, Sweden), Steve W.-B. Liu (University of Kent, England), Rolf Rannacher (University of Heidelberg, Germany), Alfred H. Schatz (Cornell University, USA), and Tao Tang (Hong Kong Baptist University, China). It also drew an international audience of size 80. The detailed information including invited speakers, organizing committee and conference programs can be found in `http://lsec.cc.ac.cn/~raac03`.

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