

Preface

This volume was prepared in connection with the proceedings of AMAT 2012—International Conference on Applied Mathematics and Approximation Theory—which was held during May 17–20, 2012 in Ankara, Turkey, at TOBB University of Economics and Technology.

AMAT 2012 conference brought together researchers from all areas of applied mathematics and approximation theory. Previous conferences which had a similar approach were held at the University of Memphis (1991, 1997, 2008), UC Santa Barbara (1993) and the University of Central Florida at Orlando (2002).

Around 200 scientists coming from 30 different countries (Algeria, Azerbaijan, China, Cyprus, Egypt, Georgia, Germany, Greece, Hungary, India, Indonesia, Iran, Iraq, Jordan, Kazakhstan, Korea, Kuwait, Libya, Lithuania, Malaysia, Morocco, Nigeria, Poland, Russia, Saudi Arabia, Taiwan, Thailand, Turkey, UAE, USA) participated in the conference. They presented 110 papers in three parallel sessions.

We are particularly indebted to the organizing committee, the scientific committee and our plenary speakers: George A. Anastassiou (University of Memphis, USA), Dumitru Baleanu (Çankaya University, Turkey), Martin Bohner (Missouri University of Science and Technology, USA), Jerry L. Bona (University of Illinois at Chicago, USA), Weimin Han (University of Iowa, USA), Margareta Heilmann (University of Wuppertal, Germany), and Cihan Orhan (Ankara University, Turkey).

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