

Preface

This special volume consists of selected papers of more theoretical nature presented in AMAT 2015 Conference—3rd International Conference on Applied Mathematics and Approximation Theory—which was held during May 28–31, 2015, in Ankara, Turkey, at TOBB University of Economics and Technology.

The AMAT 2015 Conference brought together researchers from all areas of applied mathematics and approximation theory, such as ODEs, PDEs, difference equations, applied analysis, computational analysis, harmonic analysis, signal theory, positive operators, statistical approximation, fuzzy approximation, fractional analysis, semigroups, inequalities, special functions, and summability. Previous conferences which had a similar approach to such diverse inclusiveness were held at the University of Memphis in 2008 and at TOBB Economics and Technology University in 2012.

We are particularly indebted to the Organizing Committee and the Scientific Committee for their great efforts. We also appreciate the plenary speakers: George A. Anastassiou (University of Memphis, USA), Martin Bohner (Missouri University of Science and Technology, USA), Alexander Goncharov (Bilkent University, Turkey), Varga Kalantarov (Koç University, Turkey), Gitta Kutyniok (Technische Universität Berlin, Germany), Choonkil Park (Hanyang University, South Korea), Mircea Sofonea (University of Perpignan, France), and Tamaz Vashakmadze (Tbilisi State University, Georgia).

We would like also to thank the anonymous reviewers who helped us select the best articles for inclusion in this proceedings volume and also to the authors for their valuable contributions.

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George A. Anastassiou
Oktay Duman

Computational Analysis

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Anastassiou, G.A.; Duman, O. (Eds.)

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