

Preface

The third International Conference on Analysis and Applied Mathematics (ICAAM) was held on September 7–10, 2016 in Almaty, Kazakhstan, and organized by Institute of Mathematics and Mathematical Modeling, Al-Farabi Kazakh National University, and L. N. Gumilyov Eurasian National University. This conference was dedicated to 70th birthday of Professor Tynysbek Kalmenov. The proceedings of extended abstracts of ICAAM 2016 (and of ICAAM 2012, ICAAM 2014) was published in the American Institute of Physics Conference Proceedings. The conference consisted of plenary lectures, mini symposiums and oral presentations and covered a wide range of topics of analysis and its applications, applied mathematics, modeling and mathematical education. This four-day conference included also some social activities.

The conferences of the series ICAAM are organized biannually. Previous conferences were held in Gumushane, Turkey in 2012 and in Shymkent, Kazakhstan in 2014. The aim of the International Conference on Analysis and Applied Mathematics (ICAAM) is to bring mathematicians working in the area of analysis and applied mathematics together to share new trends of applications of mathematics and to present original results in various fields of analysis and applied mathematics.

The chairmans of the Organizing Committee of ICAAM 2016 were Allaberen Ashyralyev (Turkey) and Mukhtarbay Otelbaev (Kazakhstan). 313 participants from 19 countries attended the conference and 300 papers have been presented, including 10 plenary lectures and 30 presentations in Poster Session.

This issue of *Filomat* contains 43 papers presented at the conference and selected by the usual high standard editorial procedure of the journal. We would like to express our gratitude to the authors of articles published in this issue and to the referees for their kind assistance and help in evaluation of contributions. Special thanks to Feyzi Basar, Makhmud A. Sadybekov, Charyyar Ashyralyev, Abdullah S. Erdogan and to *Filomat* for the support.

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