P R E F A C E

Conferences and symposiums are an area where researches display current and important scientific studies, and scientific research journals are vital for publishing these important scientific studies and special topics. Recently, most conferences and symposiums have been held to dedicate special works on special topics, as well as to devote to the famous works of famous research scientists or to dedicate their birthdays.

This particular Special Issue: "MICOPAM" 2018 has stemmed essentially from the Proceedings of the first Mediterranean International Conference of Pure&Applied Mathematics and Related Areas, which was held at Akdeniz Üniversity Antalya (Turkey) on October 26 – 29, 2018. MICOPAM 2018 conference was dedicated to **Professor Gradimir V. Milovanović** on the Occasion of his 70th Anniversary. Much of the relevant preliminary details about MICOPAM 2018 conference was made available at the following Web Site: `http://micopam2018.akdeniz.edu.tr/home/`.

Ever since the very first international conference in this series, which was held at Antalya in October 2018. This conference was successfully organized and held in Antalya. The organization of other next conferences with the same title (MICOPAM) to follow this has already been planned. The idea of organizing this conference was appeared in 2017 at Belgrade, Serbia, while speaking with Professor Gradimir V. Milovanović. Therefore, this conference was founded by Yilmaz Simsek on 2017 at Antalya. Why we call the name of the conference as "The first Mediterranean International Conference of Pure&Applied Mathematics and Related Areas (MICOPAM 2018)"? Because by the Mediterranean Sea, almost all the countries, the sea and the oceans are connected. For this reason, just like Mediterranean Sea, the main aim of MICOPAM 2018 is to give connection between many areas of sciences including physical mathematics and engineering, especially all branches of mathematics. A few of these areas can be given as follows: Pure and Computational and Applied Mathematics, Statistics, Mathematical Physics (related to p-adic Analysis, Umbral Algebra and Their Applications). Another important purpose of MICOPAM 2018 is to bring together leading scientists of the pure and applied mathematics and related areas to present their researches, to exchange new ideas, to discuss challenging issues, to foster future collaborations and to interact with each other in the following areas: Mathematical Analysis, Algebra and Analytic Number Theory, Combinatorics and Probability, Pure and Applied Mathematics & Statistics, Recent Advances in General Inequalities on Pure & Applied Mathematics and Related Areas, Mathematical Physics, Fractional Calculus and Its Applications, Polynomials and Orthogonal systems, Special numbers and Special functions, Q-theory and Its Applications, Approximation Theory and Optimization, Extremal problems and Inequalities, Integral Transformations, Equations and Operational Calculus, Partial Differential Equations, Geometry and Its Applications, Numerical Methods and Algorithms, Scientific Computation, Mathematical Methods and computation in Engineering, Mathematical Geosciences.

The MICOPAM conference brings together participants who share similar or overlapping research interests. The participants of MICOPAM2018 did take the full advantage of this excellent opportunity to develop resistant professional friendship and research collaboration. Surely, if not all, most of then took the opportunity and advantage to also enjoy their visit to the extremely the beautiful of the Mediterranean Sea in Antalya-Turkey which offers many world-class sights to see.

Each member of the remarkably efficient and talented team of local organizers (Busra Al, Mustafa Alkan (Co-Chairman), Ahmet Aykut Aygunes, Secil Bilgic, Secil Ceken, Ayse Yilmaz Ceylan, Neslihan Kilar, Irem Kucukoglu, Burak Kurt, Ortaç Öneş, Rahime Dere, Yilmaz Simsek (Chairman), Buket Simsek, Burcin Simsek, Fusun Yalcin), not only worked very hard during the announcement of the conference, but also make the international conference MICOPAM2018 a rather successful and fruitful event.

We would like to thank to all invited speakers (Abdelmejid Bayad (Université d'Evry Val d'Essonne, France), Walter Gautschi (Purdue University, USA), Allal Guessab (University of Pau, France), Satish Iyengar (University of Pittsburgh, USA), Burcin Simsek (Bristol-Myers Squibb Company, USA), Taekyun Kim (Kwangwoon University, South Korea), Francisco Marcellán (Universidad Carlos III de Madrid, Spain),

Themistocles Rassias (National Technical University of Athens, Greece), Lothar Reichel (Kent State University, USA), Ekrem Savas (Rector of Uşak University, Turkey), Hari M. Srivastava (University of Victoria, Canada)). The dedicated and companionable efforts by the members of the Academic Advisory Board, the International Advisory Board, and the Organizing Committee are indeed worthy of praise and commendation.

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