

PREFACE

Collection of invited papers entitled "ADVANCES in Mathematical and Theoretical Physics" is the topical issue of the Facta Universitatis: Series Physics, Chemistry and Technology. Publication of this issue is motivated by "The 6th Balkan Workshop BW2013" and as a contribution to the anniversary "10 Years of the Southeastern European Network in Mathematical and Theoretical Physics" (SEENET-MTP, <http://www.seenet-mtp.info/>). From about 18 invited authors, long term research partners, we are pleased to present 12 full term papers.

Contributions span a range of topics in Mathematical and Theoretical Physics and its applications in: cosmology, particle physics, gravity, inflation, dark matter, neutrino physics, supersymmetry, string theory and quantum gravity. Type of articles volume and their quality as well as review process classified this publication as an International Theme Collection.

We do hope this Volume will be useful for a wider audience and will have not only regional but also an international importance as a publication devoted to research cooperation in Mathematical and Theoretical Physics in South-East Europe. The editors are grateful to all authors for writing their contributions for this journal issue.

Guest Editors

Belgrade, Moscow, Niš, Bucharest
December, 2014

B. Dragovich, A. Morozov, Lj. Nešić, M. Visinescu.