

Preface

The present book presents up-to-date contributions in the field of mechanical engineering. The following topics are covered: Design and Research of Mechanisms and Machines, Mechanics of Deformable Bodies, Structural Engineering, Applied Tribology, Biomechanics in Biomedical Engineering, Mechatronics, Robotics and Automated Production Systems. The results reported in this book should interest researchers, scientists, industrial experts, teachers and students in the field of mechanical engineering related to design, control and applications.

The authors discussed their results at *The 6th International Conference on Advanced Concepts in mechanical Engineering (ACME 2014)*, held in Iasi, Romania, on June 12-13, 2014. The contributions had rigorously reviewed and selected by independent reviewers, members of the International Scientific Committee of this conference. ACME 2014 was organized by Mechanical Engineering Faculty, at “Gheorghe Asachi” Technical University of Iasi, Romania, under the patronage of Romanian Ministry of Education, Romanian Academy of Technical Sciences, with the scientific support of Romanian Association of the Science of Machine and Mechanism, ARoTMM.

We are grateful to the authors for their valuable contributions and to the reviewers for their timely reviews and recommendations as improvement guidance for the selected papers. We thank also the members of Organizing Committee for the enthusiastic work of organizing this conference and the publisher Trans Tech Publications, who paved the way to the timely publication of this book with their excellent technical and editorial support.

I. Doroftei, C. Oprisan, A. Popescu, editors

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