

Preface

The papers collected in this book cover following topics: mechanical nodes of machines and materials, control and robotics, diagnostics and environment protection engineering. The studies contain the latest theoretical and practical experiences of scientists and researchers from universities and research centers.

All the papers were subjected to the careful peer-review by the experienced reviewers, before they were selected for publications.

The main objective of this volume is to disseminate the scientific knowledge for better understanding of widely considered mechanical nodes of machines and materials as well as related fields. Moreover, the aim of the issue is to interconnect various scientific fields and exchange current views between scientists and researchers.

This volume can only succeed as a team effort, therefore the editors want to thank the reviewers for their excellent work in reviewing the papers as well as their invaluable contribution and advice, which helped us select the papers contained in the issue. We hope that the volume will be a source of knowledge and inspiration for scientists, researchers and practitioners working in the fields of interest covered by the book.

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