

CONTENTS – SPIS TREŚCI

Professor Zbigniew Osiński, Ph.D., D.Sc., doctor honoris causa of the Technical University of Łódź	3
Zbigniew Osiński The Constructing: Art, Science, or Craft.....	7
Wiesław Kaniewski Future perspectives of scientific discipline of machine design fundamentals.....	29
Barbara Błażejczyk-Okolewska, Krzysztof Czolczyński, Tomasz Kapitaniak Chaotic motion of the impact force generator.....	49
Jan Chajda A process of spur gears with involute tooth form meshing.....	55
Zygmunt Drzymała Selected results of studies of briquetting process of fine- grained materials in roll press briquetters.....	63
Marian Dudziak The influence of design friction and internal friction on directions in development of belt transmissions.....	83
Włodzimierz Kurnik, Zbigniew Starczewski Chaotic and irregular motion of rotors supported on journal bearings.....	99
Jerzy Osiński Computer methods as fastening factor of construction development.....	105
Włodzimierz Swiderski Calculation of nonisothermal Characteristics of slide journal bearings by means of approximation formulae.....	113
Jerzy Wróbel From design principles to integreted computer aided design systems.....	133