

Contents

MATERIALS

- Chemically bonded, calcium phosphate based bioceramics with addition of calcium sulphate 5
J. Czechowska, D. Siek, A. Zima, A. Ślósarczyk (Poland)
- Characteristic features of fine-grained coatings deposited on magnesium alloys 13
T. Tański, L.A. Dobrzański (Poland), S. Rusz (Czech Republic), W. Matysiak (Poland),
M. Kraus (Czech Republic)

PROPERTIES

- The evaluation of suitability for operation of low-alloy Cr-Mo and Cr-Mo-V steel welded joints
beyond the design work time 21
M. Dziuba-Kałuża, A. Zieliński, J. Dobrzański, M. Sroka (Poland)

METHODOLOGY OF RESEARCH, ANALYSIS AND MODELLING

- FEM simulation of open die forging of a plate from material NIMONIC 80A in DEFORM 3D 31
I. Poláková, M. Duchek, L. Maleček (Czech Republic)

MATERIALS MANUFACTURING AND PROCESSING

- Effect of cold deformation to transformation temperatures of Ni-Ti shape memory alloys 37
C. Yildiz, B.O. Kucukyildirim, A. Akdogan Eker (Turkey)
- Author index 45
- Keywords index 46
- Publisher's notice 47
- Editor's notice 48