

Contents

Roy Rechenberg, Grzegorz Korpala, Magdalena Jabłońska, Marek Wojtaszek, Krystian Zyguła, Marek Tkocz, Iwona Bednarczyk, Karolina Kowalczyk, Ulrich Prah Design and implementation of a digital infrastructure for autonomous open-die forging	5
Bartłomiej Pabich, Bartłomiej Żurowski, Marcin Kwiecień, Janusz Majta Evaluation of deformation inhomogeneity in multi-layered steel-titanium and steel-magnesium systems	17
Marek Hawryluk, Łukasz Dudkiewicz, Jan Marzec, Roger Tkocz, Jacek Borowski, Grzegorz Ficak, Bartosz Józwiak, Jacek Ziemba The application of numerical simulations to analyze the forward extrusion process along with the verification of results and tuning of the numerical model	27
Nirupam Chakraborti The advent of the deep learning evolutionary algorithm EvoDN2 and its recent applications	41