

Contents

Marcin Małysza, Ewa Rząd, Łukasz Zięba

Influence of Selected Corrosive Environment
on the Scale Formation in Selected Materials

Manufactured by Directed Energy Deposition 3D Printing Technology 23

Grzegorz Piwowarski, Mateusz Ogrodnik

Influence of Cooling Rate on the Structure and Damping Properties
of the AlSi6Cu4 Alloy

32

Natalia Mordyl, Jarosław Jakubski, Paweł Leszek Żak

Design of a Solidification Rate Measurement Experiment
for Cast Steel in Molds Made of Different Sands Using Computer Simulation

39

Eugeniusz Ziółkowski

Harmonic Analysis in the Power Supply System of
a Selected Single-Phase Industrial Robot

45