## **Contents**

Marianna Bartošová, Alena Pribulová, Stefan Eperješi, Peter Futáš Analysis of Cooling Curves of Nodular Cast Iron	1
	1
Gaetano Palumbo, Jacek Banaś	
Study on Inhibition of N80 Carbon Steel in 0.5M KCl Solution	-
Saturated with CO <sub>2</sub> by Gum Arabic	5
Marcela Pokusová, Igor Berta, Marta Murgašová	
Metallurgical Processing of Al-Si Alloys	
with Increased Iron Content Using Sodium, Strontium, and Tellurium	9
Giuliano Angella, Franco Zanardi	
Comparison among Different Constitutive Equations	
on Investigating Tensile Plastic Behavior and Microstructure	14
in Austempered Ductile Iron	14
Mathiazhagan Sankar, S. Pradeep Devaneyan, D. Peter Pushpanathan, Dawid Myszka	
Microstructural Characterization and Mechanical Behavior	
of Copper Matrix Composites Reinforced by B <sub>4</sub> C and Sea Shell Powder	24