

TABLE OF CONTENTS

Shear Testing of Al and Al-Al₄C₃ Materials at Elevated Temperatures Vasilios Spitas, Michal Besterçi, Paul Michelis, Christos Spitas	145
Viscosities of Lead-Copper Converter Slags D. Mantha and R.G. Reddy.....	153
Oxidation and Hot Corrosion Behaviour of Novel Ti(Al₂O₃) / Al₂O₃ Composite Coatings Produced by Plasma Spraying Jing Liang, Byung-Young Choi, Kai Zhang, Deliang Zhang and Wei Gao	159
Solid-state Reaction for Preparation of Lanthanum Manganite Qifeng Shu, Jiayun Zhang, Jianhua Liu and Mei Zhang.....	169
High Temperature Oxidation of the Three-Phase Alloys Cu-20Ni-30Cr and Cu-20Ni-40Cr Under a Low Oxygen Pressure X.J. Zhang, M.Al-Omary and Y. Niu	175
Effect of Strain Rate and Temperature on Mechanical Properties and Fracture Mechanism Of the Dispersion Strengthened Al-12Al₄C₃ System Oksana Velgosova, Michal Besterçi, Pritt Kulu	183
Compressive Creep Testing of Pt-Y₂O₃ Composites P. Hvizdos, M. Besterçi, M. Slesar, Ch. Edtmaier	189
The Corrosion of Three Commercial Steels in Reducing Atmospheres Containing HCl and H₂S at 873 K T.J. Pan, M. Al-Omary, C.L. Zeng, W.T. Wu and Y. Niu	193