

TABLE OF CONTENTS

Comments on the Dzugutov Scaling Law for Atomic Diffusion in Binary Liquid Alloys
Isao Yokoyama, Hiroki Yokoyama and Yoshio Waseda 1

Mechanical Properties and Microstructural Evolution of T23 Heat-resistant Steel during Aging at 873K
Lili Wang, Lihui Zhu, Yongqing Deng, Qijiang Wang, Fengming Zou 11

Water Vapor Pressures of LiCl·2H₂O-Saturated Solutions and C₂H₂O₄·2H₂O-C₂H₂O₄ Mixtures
H. Takesha, M. Hasegawa and M. Iwase 19

Thermal Damage Approach of Concrete: Application to Specimens Subjected to Combined Compressive and High Temperature Loads
A.Menou, G. Mounajed, H. Boussa, Ch. La Borderie, Kh. Lafdi 23

Gamma Prime Particle Coarsening Behavior at Elevated Temperatures in Cast Nickel-Based Superalloy, GTD-111 EA
P. Wangyao, S. Polsilapa, P. Chaishom, J. Zrnik, W. Homkrajai and N. Panich 41

Reclamation and Utilisation of Foundry Waste Sand
Sourav Kayal and B.K. Chakrabarti 51

Structural Analyses on AlSi₂₆Ni₈ Rapidly Solidified Alloys
Maria Orolinova, Juraj Durisin, Katarina Durisinova, Michal Bestercei, Karel Saksl 61

Mechanical Properties of Cu-Al₂O₃ System at Elevated Temperatures
Michael Bestercei, Oksana Velgosova, Ivan Kohutek 73

© FREUND PUBLISHING HOUSE LTD.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or any means electronic or mechanical including photocopying, recording or otherwise without written permission from the author.