

Table of Contents

Preface

Thermal and Corrosion Properties of Monolithic Refractories for Iron and Steel Applications

S. Banerjee 1

The Microstructures and Properties of Magnesia-Carbon Refractories

B. Brezny 21

Refractories for Present and Future Electric Power Plants

W.T. Bakker 41

Refractories for Incinerators

D.A. Brosnan 71

Microstructural Development of MgCr_2O_4 -Based Refractory Composites with Improved Fracture Toughness

J.P. Singh, R.B. Poeppel, J.J. James and J.J. Picciolo 103

High Temperature Deformation of Refractories

T.D. McGee 123

Elastic Moduli, Strength and Fracture Characteristics of Refractories

R.C. Bradt 165

Thermomechanical Behavior of Refractories

C.A. Schacht 193