

"Tetsu-to-Hagané"

Vol.94 No.7 July, 2008

Contents

Ironmaking

- Microstructure of Iron Dispersing Al_2O_3 Particle Reduced from $(\text{Fe}, \text{Al})_2\text{O}_3$ by $\text{CO}-\text{CO}_2$ Gaseous
K. TAKAHASHI and M. KAWAKAMI231

Steelmaking

- Condition of Low-density Particle Entrainment into a Bath under Mechanical Agitation with an
Immersion Cylinder
Y. TAKAHASHI and M. IGUCHI238

Forming Processing and Thermomechanical Treatment

- Influence of the Iron Oxide Layer on Lubricating Properties in Seamless Pipe Hot Rolling
S. IDA and Y. HIDAKA244

Welding and Joining

- Interface Separation Phenomenon in Ti-20mol%Al Alloy/Iron Material Joints
Y. MORIZONO, Y. KODAMA, T. YAMAMURO and M. NISHIDA251

Surface Treatment and Corrosion

- Alloy Layer Formation and Abrasive Wear Property of High Temperature Aluminized Stainless
Steels
K. KAMASAKI and T. YAKOU258

Chemical and Physical Analysis

- Relative Sensitivity Factor for Various Matrices Using Argon/Glow Discharge Mass Spectrometry
(Technical Report)
S. ITOH, N. OGURO and T. KOBAYASHI265

ISIJ International, Vol.48 (2008), No.7, Synopses and TitlesA22
