

Contents

Fundamentals of High Temperature Processes

- Production of Super-low Phosphorus Stainless Steel by Cold Crucible Levitation Melting (Technical Report)
S. IWASAKI, K. SAKURAYA and A. FUKUZAWA413

Ironmaking

- Promoter Material and Inhibitor Material for Dioxins Formation in Sintering Process
T. KAWAGUCHI, M. MATSUMURA, E. KASAI, Y. OHTSUKA and H. NODA370
- Effect of Properties of Solid Fuel on Dioxin Concentration of the Exhaust Gas in the Iron Ore Sintering
Process/T. KAWAGUCHI, M. MATSUMURA, E. KASAI and H. NODA378
- Control of Carbon Deposition in the Free Space of Coke Oven Chamber by Injecting Atomized Water
T. NAKAGAWA, T. KUDO, Y. KAMADA, T. SUZUKI, Y. SUZUKI and I. KOMAKI386

Casting and Solidification

- Flow Control of Molten Steel in Mold with Superconducting Magnets
T. MOCHIDA, Y. KISHIMOTO, T. YAMADA, H. IJIMA, S. NARA and S. TAKEUCHI393

Transformations and Microstructures

- Ultrafine Grained Steels (Review)
N. TSUJI359
- Effect of Morphology of Retained Austenite on Strength and Ductility of TRIP-aided Steel Sheets
S. HASHIMOTO, T. KASHIMA, S. IKEDA and K. SUGIMOTO400

Mechanical Properties

- Creep Analysis of a Service-exposed 1.25Cr-0.5Mo Steel Using the Omega Method
S. FUJIBAYASHI and T. ENDO406

-
- ISIJ International, Vol.42 (2002), No.7, Synopses and TitlesA17
-