

Contents

Paper	Formation of Spinel Inclusions in Molten Stainless Steel under Al Deoxidation with Slags <i>T. NISHI and K. SHINME</i>837
	Iron Carbide Formation with CO Gas and CO-H₂ Gas Mixture under Low Sulfur Potential Using the Two-step Process of Metallization and Carbidization/S. SAWAI, Y. IGUCHI and S. HAYASHI844
	Dead-man Temperature Distribution Measurement in a Blast Furnace by Acoustic CT Method <i>T. OKADA, M. ICHIDA, H. YAMAJI, K. KUNITOMO, M. INOUE, I. YAMADA and K. YAMANE</i>850
	Formation Mechanism of Slab Surface Transverse Cracking in Continuously Cast Ni Bearing Steel <i>T. KATO, N. KASAI, M. KAWAMOTO, A. YAMANAKA and T. WATANABE</i>856
	Effects of Roll Surface Deteriorations on Scale Defect in Hot Rolling <i>K. GOTOH, H. OKADA, T. SASAKI and T. KOIDE</i>861
	An Application of the System Free Energy Theory to the Ferrite/Pearlite Transformation in Hypo-eutectoid Steel/Y. TODA and T. MIYAZAKI868
	Effect of Mn Content on r-value and Precipitates Morphology in Ti-added Ultra-low Carbon Sheet Steels <i>S. HASHIMOTO, R. YODA, T. MIYOSHI, Y. MUKAI, S. NANBA and I. TSUKATANI</i>874
	Erosion Properties of the Stainless Steel and Cr-Mo Steel in Fluidized Bed Condition <i>K. SONOYA, I. KAJIGAYA and M. SHIMAZAKI</i>881
	High Cycle Fatigue Properties of Austenitic Stainless Steel Welds at Cryogenic Temperatures <i>T. YURI, T. OGATA, M. SAITOU and Y. HIRAYAMA</i>888
	Relationship between Creep Behavior and Microstructure in Martensitic Heat Resistant Steel <i>K. IWANAGA, T. TSUCHIYAMA and S. TAKAKI</i>896
	Effects of Shot-peening on Resistance to Softening during Tempering and Contact Fatigue Strength of Carburized and Carbo-nitrided JIS SCr420H Steels/Y. WATANABE, N. NARITA, S. UMEGAKI and Y. MISHIMA902
	Deviation from Matthiessen's Rule during Quench-aging of Mo Added Low Carbon Steels <i>K. TAKAZAWA and K. TAGASHIRA</i>910
	<hr/> ISIJ International, Vol.38 (1998), No.12, Synopses and TitlesA36
