"Tetsu-to-Hagané"

Vol. 50, No. 13, Nov., 1964

Contents

Foreword New Contents of the Subjects and Teaching Method at University. Technical Papers Study on the Phenomenon of Iron Escaping from Cinder Notch Experiments on the Powder-Coal Injection into 1-ton Blust Furnace. On Iron Oxide Coolants in the LD Process. E. Honma, S. Ökubo, T. Öya and H. Matsunaga...2166 Relations between Freezing Rate of Ingot and Segregations of Sulphur, Phosphorus, Oxygen and Nitrogen. Effects of Mn, Al, Ti, Zr, V, Nb and Cr on Fe-S System. Niobium Steel for Glass Lining Use. (Studies on special elements in steel-II) K. Narita, A. Miyamoto and K. Miyazaki...2189 Improvement in Forgeability of N-155 Type Alloys by Spectrographic Analysis of Boron in Stainless Steel. Technical Review Transmission Electron Microscopy of Steels. Zenji Nishiyama and Kenichi Shimizu...2215 Special Lecture Some Problems on the Production of Special Steel......Shinnosuke YAMAMOTO...2244 Report of Joint Research Society, The Iron and Steel Institute of Japan Letter to the Editor Abstracts......2261, Contents of the Recent Articles Published in Japan and Overseas......2265, Patent Section......2270, Miscellaneous:—News.....2272, -Preprints of the 9th Lecture Meeting of the "Chūgoku-Shikoku" Branch of the Institute......2274, Proceedings of the Institute.....2275, Notices to Members..... N79