

“Tetsu-to-Hagané”

Vol. 55, No 1, Jan. 1969

Contents

Foreword

- New Year Message..... Ichiro FUGIMOTO... 1

Review

- 1968 Perspective of Production and Technique of Iron and Steel in Japan
..... Takeshi YAMAOKA 3

Technical Papers

- Influence of the Flow Rate of Gas on the Rate of Reaction
between Molten Iron and Gas K. ITO, K. SANO and S. ARINO...13
On the Floating-up Velocity and the Coagulability of the Primary
Products in Si-Deoxidation in a Static Iron Bath..... S. KOBAYASHI and H. NISHIUMI...20
Anisotropic Behaviors of Prestrained Sheet Steels and Subsequent Formability
..... K. YOSHIDA, K. MIYAUCHI and S. MIZUNUMA...26
Study on Precipitation Hardening of Martensitic Fe-Ni-Be Alloys
..... M. KANAO, T. ARAKI, H. NUMATA and K. NAKANO...48

Technical Report

- Oxygen Converter-DM(Duo Vortical Mixing) Steelmaking
..... K. NARITA, A. TOMITA, S. KOYAMA, T. ITŌ and Y. HIROOKA...59

Technical Review

- On the Substitutional Solid-Solution Strengthening in Iron Alloys Shin TAKEUCHI...69

Special Lectures

- My Attachment for Iron-and Steel-Making Technique..... Eiji MUNEKATA...84
Recent Buildings and their Effect on Steel..... Hajime UMEMURA...90

Letter to the Editor

- New Electrolyte for Electrolytic Isolation Method Shigeo WAKAMATSU...94

-
- Abstracts.....96, Notices to Members.....N1, Proceedings of the Institute.....N10
-

Overseas membership: Annual charges: \$ 10.00 (incl. postage) Entry fee: \$ 1.00