

Technical Papers and Technical Reports

- The Improvement Techniques of Slabbing Yield from a Capped Steel Ingot
..... Z. CHANO, A. WAKAKO, M. MATSUDA, S. OHURA, and M. HIROSE...2343
- A New Method of Slab Rolling for Prevention of Growth of Crops
..... M. MATSUZAKI, S. KANARI, Y. OGAWA, and Y. NAKAZATO...2350
- Calculation Model for Pass Schedules of Slabbing Mills
..... T. YOKOI, Y. MISAKA, and K. YOSHIWARA...2356
- A Mathematical Model of Crop Loss and Its Applications to Minimizing
Crop Loss in Slabbing and Blooming
..... O. TSUDA, A. MIZUTA, Y. YAMAGUCHI, H. OSUNA, M. TOMONAGA, S. SAITO, and K. DOI...2365
- Reduction of Crop Loss on Slab Rolling I. NAKAUCHI, T. HIRASAWA,
T. ARIZUMI, M. OKADO, K. TSUJIMURA, and M. HIRAJI...2375
- Effect of Rolling Conditions on Annihilation Process of Loose Structure
in Large Slab Ingot..... M. KITAMURA, H. IMAMURA, M. TOMONAGA, S. SAITO, and O. TSUDA...2385
- Development of a New Rolling Method Using Edger Rolls to Get High
Yield at Plate Mill S. SASAJI, K. KUTSUWA, A. HORIBE,
Y. NOHARA, T. YAMADA, and K. WATANABE...2395
- Improvement of the Yield by Edging Method in Plate Rolling
..... M. NISHIZAKI, I. KOKUBO, H. HAYAKAWA, K. KAWATANI, M. FUKUDA, and Y. YOSHIMA...2405
- Development of New Plan View Pattern Control in Plate Rolling
..... H. WATANABE, S. TAKAHASHI, T. TSUKAHARA, M. SENGAN, and Y. KANEDA...2412
- Development of the Plan View Pattern Control System in Plate Rolling
..... N. HIRAI, M. YOSHIHARA, T. SEKINE, K. TSUBOTA, and H. NISHIZAKI...2419
- Instrument for Detecting Plate Shape and System for Analyzing
Optimum Slab Size for Plate
..... Y. HAGIWARA, S. KUBOTA, H. YATSUYANAGI, and T. KAWABATA...2426
- Accurate Rolling Techniques in Plate Rolling S. MASUDA, T. HIRASAWA,
H. ICHINOSE, K. HIRABE, Y. OGAWA, and M. KAMATA...2433
- Optimal Size Control in Plate Rolling..... K. OMATA, H. TSUKAMOTO, Y. NABA, and A. TANAKA...2443
- New Seamless Pipe Rolling Technology for Higher Dimensional Accuracy
..... T. GODA and K. NAKAJIMA...2452
- Reduction of the Polygonization in Continuous Butt-weld Pipe Rolling
..... N. HIRAOKA, M. AKIYAMA, and M. INOUE...2459
- Improvement in Cold Shear Yield of Bar Mill by Computer Control System
..... K. INAZAKI, T. WASEDA, M. TAKAHASHI, and T. OKA...2463
- Improvement of Yield at No. 8 Rod Mill in Kakogawa Works, Kobe Steel Ltd.
..... M. NISHIZAKI, K. TAKIZAWA, and S. MIYATA...2470
- Spread Characteristics and Its Mathematical Models in Rod Rolling ... T. SHINOKURA and K. TAKAI...2477
- Development of Rolling Technique for Large H-shapes from Continuously
Cast Slabs T. YANAGISAWA, T. TANAKA, M. YAMASHITA, H. OKUMURA, and T. KUSABA...2483
- Rolling of Large Universal Beams from Continuous Casting Slabs
..... C. HAYASHI, Y. KUSABA, N. SHIMURA, K. NAKAYAMA, O. KOSHIDA, and T. MISAWA...2493
- Technique to Decrease Crop Loss in Hot Strip Mill
..... Y. MIYAKE, K. HAMADA, S. UEKI, T. NAOI, and M. SHITOMI...2502

Edger Set-up Model at Roughing Train in Hot Strip Mill	T. SHIBAHARA, Y. MISAKA, T. KONO, M. KORIKI, and H. TAKEMOTO...2509
Width Behaviour of Head and Tail of Slabs at Edge Rolling in Hot Strip Mills	M. OKADO, T. ARIZUMI, Y. NOMA, K. YABUCHI, and Y. YAMAZAKI...2516
Study on Drum-type Differential Speed Crop Shears in Hot Strip Rolling Mills	S. ÔMORI, K. HAYASHI, Y. HIASA, H. YOSHIYA, and S. HASHIMOTO...2526
Methods of Reducing Off Gauge Lengths in Cold Rolling	N. ANDOU and T. SAKI...2532
A Mathematical Model on Strip Profile and Shape in Cold Tandem Rolling	T. KONO and Y. MISAKA...2542
Dynamic Optimization of AGC Gain during Acceleration and Desceleration of Cold Strip Rolling	Y. ASADA, A. KITAMURA, M. KONISHI, T. MORITA, and H. AKEDO...2551
Automatic Gage Control for Sendzimir Mills	M. TAKARADA, M. WAKETA, H. AIZAWA, H. MITSUI, and K. HIRAI...2558
Development of Newly Designed Oil Film Bearing and Improvement of Gauge Accuracy	M. AOYAMA, H. SUNAMI, T. WATANABE, F. YANAGISHIMA, N. SUGANUMA, and K. IKARIISHI...2564
<hr/>	
Notice to Members	N289, Proceedings to the Institute N300

編 集 委 員 会

委員 長 加藤 健三

編集運営委員会

荒木 透	安藤 卓雄	大井 浩	大森 康男	川合 保治
川上 公成	邦武 立郎	小指 軍夫	近藤 真一	佐藤 忠雄
佐野 信雄	鈴木 朝夫	田中 良平	中村 正久	春山 志郎
萬谷 志郎	宮川 松男	渡辺 敏		

和文会誌分科会

主 査 加藤 健三	幹事 佐野 信雄			
委 員 朝野秀次郎	一伊達 稔	井上 正文	入江 敏夫	岩永 寛
江見 俊彦	大西 敬三	大森 靖也	梶岡 博幸	勝谷 良碩
金尾 正雄	川合 保治	川上 公成	菊池 実	岸 輝雄
木原 諄二	國岡 計夫	近藤 真一	佐々木 徹	佐々木 稔
清水 彰	鈴木 朝夫	須藤 正俊	槌谷 暢男	角山 浩三
徳田 昌則	中岡 一秀	西田礼次郎	根本 実	原 富啓
萬谷 志郎	古林 英一	牧 正志	松田 福久	丸川 雄浄
水野 博司	宮川 大海	森 隆資	森田善一郎	安田 浩
吉越 英之				

© COPYRIGHT 1981 社団法人 日本鉄鋼協会

本書に掲載されている記事の無断転載ならびに無断コピーを禁じます。

This publication, or any part thereof, may not be reproduced in any form without the written permission of the ISIJ.