

外国最近刊行誌参考記事目次

Journal of the Iron and Steel Institute Vol. 189

(1958) Part. 1

The Driving Rate of Open-hearth Furnaces.

R. W. Evans et alii. pp. 19~28

The Mallock Cone Hardness Test and its Relation to Indentation Methods.

C. H. H. Williams, et alius. pp. 29~37

A New Concept of Hydrogen Embrittlement in Steel. *J. C. Morlet, et alii.* pp. 37~44

The Electrical Resistivity of High-purity Iron-Carbon Alloys. *S. V. Rådcliffe, et alius.*

pp. 45~48

The Spectrographic Analysis of Slags.

Methods of Analysis Committee. pp. 49~59

A Width Meter for Narrow Hot-rolled Strip.

C. Burns, et alius. pp. 60~65

Lamination Detector for the Continuous Inspection of Steel Strip. *B. O. Smith, et alius.*

pp. 66~71

Iron & Steel Vol. 31 (1958) No. 5

Carbon-manganese steel (Yield point and high-temperature proof stress) *J. Glen, et alius.*

pp. 165~171

Twenty Years of Steelmaking (President address to sheffield metallurgical association)

R. C. Baker. pp. 186~192

— Vol. 31 (1958) No. 6

Carbide Precipitation in Several Steels Containing Cr and V. *A. K. Seal, et alii.* pp. 221~225

Creep-resistant Steels (Effects of Tempering on Some types containing Cr, Mo and V)

E. Smith, et alius. pp. 226~235

Low-carbon Bainitic Steels. *K. J. Irvine, et alius.* pp. 235~247

The Metallography of Low-carbon Bainitic Steels. *K. J. Irvine, et alius.* pp. 247~255

Vanadium and Molybdenum Steels (Effect of Ta and Nb on Tempering) *A. K. Seal, et alius.* pp. 256~263

The Effect of Phosphorus on the Tensile and Notch-impact properties of High-purity Iron

and Iron-Carbon Alloys. *B. E. Hopkins, et alius.* pp. 263~274

Transformation Characteristics (Variations within samples of an alloy Steel. *W. Steven, et alius.* pp. 274~284

Blast Furnace and Steel Plant Vol. 46 (1958)

No. 6

Vacuum Pouring of Ingot for Heavy Forgings.

J. H. Stoll. pp. 595~605

Metal Progress Vol. 73 (1958) No. 5

Atomized Powder Alloys of Aluminum.

R. J. Towner. pp. 70~76, 176, 178

Coming: Better Thermenol Alloys.

W. J. Buehler & C. G. Dolrymple. pp. 78~81

A Look at High-Frequency Resistance Welding.

Wallace C. Rudd. pp. 82~86

Electric Furnace Refractories. *E. C. Wright.*

pp. 87~88

A Study of Temperature Uniformity in Heat Treating. *Harold N. Ipsen.* pp. 89~92

How to Treat Pickle Liquors in a Small Plant.

Edward W. Lang. pp. 93~96

Better ways to Fabricate High-Temperature Materials. *Staff Report.* pp. 97~101

Pearlitic Malleable Iron. *James H. Lansing.*

pp. 102~103

Castings for Tougher Jobs. *Carl F. Joseph.*

pp. 104~108

Metallurgy in Industry—a Look Ahead. *H. S.*

Turner. pp. 109~111, 174, 176

Metal Progress Vol. 73 (1958) No. 6

Heat Treating of Roller Bearings is Geared to Automatic Production. *Leo H. Everitt and*

O. E. Cullen. pp. 67~73

PH Stainless for Hot Airframes. *R. W. White.*

pp. 74~78

Materials for Rocket Engines. *R. C. Kopituk.*

pp. 79~84

The All-Basic Open hearth. *Staff Report.* pp.

85~87

Can an Improved Nonaging Steel Be Produced Commercially? *Eric R. Morgan.* pp. 88~94

Multilayer Nickel Coatings. *Staff Report.* pp.

95~96

- New Method Speeds Annealing. *Staff Report*. pp. 97~98
- Processing with Continuous Heating—an Economic Appraisal. *Frederic O. Hess*. pp. 99~105
- Cast Alloy Fixture has Long Life in Thermal Shock Service. *E. A. Schoefer*. pp. 106~108
- Pules of the Nation's Welding. *Staff Report*. pp. 110~113, 172, 174, 176, 178
- Stahl und Eisen 78 (1958) Heft 9
- Einfluss der Mischfeuerung auf die Betriebsergebnisse von Sinteranlagen. *H. Rausch, et alius*. s. 600~656
- 78 (1958) Heft 10
- Senkung Koksverbrauchs und Steigerung der Roheisenerzeugung durch Ervorbereitung. *R. Mintrop*. s. 633~646
- Basischer Versuchskonverter mit laufender Badtemperaturmessung und Endpunktbestimmung. *W. A. Fischer, et alius*. s. 646~654
- Die Verwendung vom Erdgas in Österreich für die Befuerung von Siemens-Martin-Ofen. *F. Huber, et alius*. s. 654~657
- Zwei Gasturbinengruppen für ein belgisches Hüttenwerk. *A. Jaumotte*. s. 658~663
- Beitrag zur betrieblichen Anwendung der Zeit-Temperatur-Umwandlung-Schaubilder für stetige Abkühlung bei der Wärmebehandlung der Stähle. *H. Bühler, et alius*. s. 663~667
- 78 (1958) Heft 11
- Hundert Jahre Regenerrativfeuerung. Der Werdegang des Siemens-Martin Ofens. *E. Bartu*, s. 713~733
- Einfluss der Bauart und Betriebsweise von Stossöfen auf die Oberflächenbeschaffenheit des Wärmgutes. *B. Sothen*. s. 733~736
- Einfluss des Glühens auf die Ausscheidung von Aluminiumnitrid und die mechanischen Eigenschaften von unlegierten stählen. *P. Werthebach, et alius*. s. 736~743
- Gasspurenmessung im Hüttenwerk. *F. Bangert*. s. 743~747
- Archiv für das Eisenhüttenwesen 29 (1958) Heft 3
- Die Verzunderungsgeschwindigkeit von reinem Eisen in Sauerstoff bei verminderten Drücken und in Kohlendioxyd. *Norbert G. Schmahl, Hans Baumann und Hermann Schenck*. s. 147~152
- Anwendung der Ultrarot-Spektroskopie auf die Bestimmung der Mineralbestandteile in Schlacken und Feuerfesten Systemen. *Werner Pepperhoff*. s. 153~158
- Die hauptsächlichen Begleitelemente im Roheisen und ihre chemische Bestimmung. *Zusammengestellt von Theo-Kurt Willmer*. s. 156~164
- Messung spezifischer Eisenaktivitäten in aktiviertem Erz. *Heing Ramthun und Horst Scheiwe*. s. 165~167
- Photometrische Bestimmung des Eisens in Reinzinn und in Zinnschmelzen für die Verzinnung von Stahlblechen. *Heinrich Ploum*. s. 169~172
- Coulometrisch-potentiostatische Analyse im Milligramm-Bereich. *Hans Lüdering*. s. 173~178
- Über die Isolierung von Sulphideinschlüssen und Zusammenhänge zwischen Stahl- und Einschlußeigenschaften. *Kurt Born*. s. 179~187
- Zur Verwendung von Proportionalzählern und Impulshöhendiskrimination beim Zählrohrgonimeter. *Franz Bollenrath und Hans Hrings*. s. 189~191
- Untersuchungen über den Anfbau des Systems Eisen-Chrom-Kohlenstoff. *Karl Bungardt, Ernst Kunze und Elisabeth Horn*. s. 193~203
- Stali (1958) 5
- On Blowing Reducing into the Blast-Furnace Hearth. *M. A. Shapovalov*. pp. 385~390
- Investigation of the Blast-Furnace Process by Changing Blast Composition. *M. Lokshin, et alius*. pp. 391~397
- Dependence of the Coke Consumption Rate and Blast-Furnace Productivity on the Sinter Basicity. *I. B. Strashnikov, et alii*. pp. 398~404
- On Gas-saturation of the Converter Steel melted at Blowing with Oxygen. *S. G. Afanasev et alius*. pp. 405~410

The Influence of Ingot Weight upon the Quality of Structural Steels. *M. I. Kolosov, et alii.* pp. 411~416

Quality of the Transformer Steel, Manufactured of Continuously Cast Billets.

K. G. Trubin. pp. 417~425

An Experience in Using the Fourth Winding of the Standard Booster (3My) in the Electric Furnace Regulators. *B. F. Delaveridi, et alius.* pp. 425~427

About Calculation of the Metal Pressure on Rolls. *Lu. M. Chizhikov.* pp. 428~433

The Present Position of Theory of Metal Pressure upon the Rolls at Logitudinal Rolling. *A. I. Tselikov.* pp. 434~441.

Mastering Production of the Alloy Steel Tubes for Boiler Installations of High and Super-high Parameters of Steam. *S. I. Borisov.* pp. 442~446

Production of Seamless Tubes from Cast Bushings; Received by the Vacuum-Crystallization Method. *Ia. B. Gurevich, et alius.* pp. 446~448

The Heat Treated Ст. 3кπ Steel for Building Structures. *M. V. Pridantsev, et alii.* pp. 449~456

Influence of the Aluminium Nitride on Cast Steel Quality. *D. K. Butakov.* pp. 457~464

他…261~269

冷間圧延珪素鉄板の(110)-[001]再結晶方位. 五弓勇雄, 他…274~277

2回圧延珪素鉄板の(110)-[001]再結晶方位. 五弓勇雄, 他…277~280

鑄物 30 (1958) 6

カルシウム鑄鉄の研究(Ⅱ)加藤 薫…472~478

熔接学会誌 27 (1958) 6

ビード熔接による薄板の挫屈変形に関する研究. 渡辺正紀. 313~320

パーライト系熔着鋼の重摩耗. 伊東祐光…321~326

熔接用諸鋼材の連続冷却変態図(Ⅰ)46 および49 kg/mm²軟鋼材について. 関口春次郎, 他…340~346

材料試験 7 (1958) 7 No. 58

高マンガン鋼の摩耗試験(Ⅰ)マンガン転てつ器における摩耗. 八木 明…356~360

鋼の疲労破壊の統計的性質におよぼす結晶粒大きさの影響(Ⅱ)横堀武夫. 371~376

分析化学 7 (1958) 6

高合金鋼中のホウ素の定量. 若松茂雄…372~375

—研究機関誌—

東京大学生産技術研究所報告 7 (1958) 4 No. 54

On the Construction and the Behavior of Constituents in the Molten slag of the Fundamental System. *Rokuro Sakagami et alius.* 180~224

東北大学研究所報告 10 (1958) 3

The Wiedemann Effect of the Binary System of Iron-Aluminium Alloy at High Temperatures. *Yuki Shirakawa, et alii.*

Diffusion of Silicon and Manganese in Liquid Iron: Diffusion in Liquid Iron Saturated with Carbon. *Tuneyō Saitō, et alius.* 259~268

Memoirs of the Institute of Scientific and Industrial Research Osaka University 15 (1958)

Tentative Proposal for the Origin of Internal Friction Peak Observed in Cold Worked Iron. *Noboru Okazaki.* 67~70

Relaxation Phenomena on the Double Transition Charpy Test. *Noboru Okazaki* 71~79

The Influences of Gaseous Elements on the Graphitization and the Micro-Structure of White Irons. *Masao Ibaraki, et alius.* 145~152

国内最近刊行誌参考記事目次

—学協会誌—

日本金属学会誌 22 (1958) No. 5

連続式ガス浸炭炉による浸炭の研究(Ⅰ)浸炭した鋼の残留応力について. 筒井蛙声, 他…221~225

鋼線の伸線温度(Ⅰ)(Ⅱ). 西岡多三郎…225~233

高周波燃焼炉による鉄合金中の炭素および硫黄の定量について. 後藤秀弘, 他…233~236

鋼の焼戻脆性に関する研究(Ⅱ)中村正久…236~239

17・7・PH不銹鋼の材料学的研究(Ⅰ)0・7%Alを含む本鋼の機械的性質について. 佐藤知雄, 他…253~257

Ti-Fe-Mn 3元合金平衡状態図の研究(Ⅰ)Ti-Mn 2元系のTiMn₂-Mn範囲について(2)Ti-Fe-Mn 3元合金状態図の液相面について. 村上陽太郎