

国外最近刊行誌参考記事目次

Journal of the Iron and Steel Institute 193(1959)

Part 3

The general world iron-ore situation.

C. R. Wheeler. p. 209

Some factors affecting fume evolution from molten steel during oxygen injection.

K. Knaggs, et alius. p. 211

Fumes from the acid open-hearth process.

W. Strauss, et alius. p. 216

An electron-diffraction method for determining the lattices of thin lamellar precipitates occurring in steels. *G. R. Booker, et alius.* p. 221

Heat reflectors in forging. *A. R. Hardy. et alius.* p. 227

Experimental semi-automatic forge.

J. I. T. Green. p. 231

Heating for forging in a batch-type furnace.

P. C. Finlayson, et alius. p. 238

Women's labour in the early English iron industry. *H. R. Schubert.* p. 253

Modification of the cast structure of high-speed steel. *G. Hoyle, et alius.* p. 254

The extrusion of high-speed steel sections.

P. J. Sukolski, et alius. p. 270

The extrusion of steel tubes. *J. W. R. Naden.* p. 278

The cold extrusion of steel. *R. A. P. Morgan.* p. 285

Hexagonal carbide and nitride phases and their occurrence in some alloy steels.

K. W. Andrews, et alius. p. 304

Blast Furnace and Steel Plant 48 (1960) No.1

Record high steel output likely in 1960, if free of prolonged strikes. *M. D. Howell.* p. 39

A review of the iron ore industry. *G. J. Holt.* p. 40

Progressive instrumentation one key to a better future. *D. E. Brophy.* p. 45

Basic oxygen steel making. *J. E. Tredennick.* p. 51

Automation in processing lines. *J. J. Remley.*

p. 58

Use of oxygen lances and basic brick in open hearth furnace roofs. *H. A. Parker, et alius.* p. 68

Blast Furnace and Steel Plant 48 (1960) No.2

The use of radioisotopes in a blast furnace. *A. Eugene Frey.* p. 165

The role of refractories in steel's future.

W. S. Debenham. p. 169

Nondestructive testing in the steel industry.

J. B. Austin. p. 174

Application of the doughnut rotary furnace to production of seamless steel tubing.

F. S. Coleman. p. 179

Solving operating problems with electronic computers. *W. O. Blattner.* p. 183

Vacuum fusion provides quick and accurate gas analyses of metals. *V. S. McMullen.* p. 188

Ironmaking in india. *G. Reginald Bashforth.* p. 189

The Industry that found itself. *C. M. White.* p. 194

Journal of Metals (1960) Jan.

Revolution in steelmaking. p. 21

Evaluating of explosive forming.

C. P. Williams p. 33

The mixing ladle; a new metallurgical tool.

S. Eketorp. p. 44

Magnetic materials. *J. J. Becker.* p. 49

Powder metallurgy. *J. R. Van Orsdel.* p. 50

Journal of Metals (1960) Feb.

Titanium vs steel, a symposium. p. 123

Magnetic sheets for the proton synchrotron.

G. Odone, et alius. p. 156

Ferrous metallurgy. *W. C. Leslie.* p. 159

Stahl und Eisen 80 (1960) Heft 1

The movement of bulk materials as an engineering task in modern iron and steel production. *K. H. Hüser.* p. 1

Modern ways of organisation and technical means to increase the efficiency of transshipment plants and transporting means for the production of steel. *E. Schimke.* p. 12

- Production of steel from high phosphorus pig iron by blowing oxygen together with lime dust on to the surface of the bath. *P. Metz, et alii.* p. 20
- Economic considerations regarding the production of special grades in a steel plant producing mainly tonnage steels. *H. Peters.* p. 28
- Materials with a high strength at elevated temperatures for precision investment castings. *R. Schwalbe.* p. 36
- Stahl und Eisen 80 (1960) Heft 2
- The design of the outlines and of the charging equipment of blast furnaces. *H. T. Brandi.* p. 65
- The laws controlling the final phase of the refining process in the bottom-blowing converter. *L. V. Bogdandy.* p. 73
- Determination of the operating conditions of steelworks cranes and checking the basis for selecting the dimensions. *O. Svenson.* p. 79
- The development of the scrap market in the European Community for Steel and Carbon. Quantities available and prices. *W. A. Güldner.* p. 90
- Archiv für das Eisenhüttenwesen 30 (1959) Heft 12
- Die Reaktionsgleichgewichte von Mangan und Silizium zwischen flüssigen kohlenstoffgesättigten Eisenschmelzen und Kalk-Kieselsäure-Schlacken bei 1450 bis 1550°C. *H. Schenck, et alius.* s. 705
- Erfahrungen mit direktregistrierenden Spektrographen im Eisenhüttenlaboratorium. 11. Bericht. *T. K. Willmer, et alius.* s. 713
- Erfahrungen mit direktregistrierenden Spektrographen im Eisenhüttenlaboratorium. 12. Bericht. *J. Bruch.* s. 715
- Über eine einfache Durchführung der Chlorvakuumentrennung. *W. Koch, et alius.* s. 723
- Organische Lösungsmittel in der Flammenspektrometrie. *A. Püschel, et alius.* s. 731
- Zur Wirkung geringer Borzusätze in unlegierten Stählen mit 0.1 bis 0.4% C. *H. K. Görlich, et alius.* s. 737
- Über den Einfluss des Sauerstoffdruckes auf die Oxydationsgeschwindigkeit von reinem Eisen. *A. Rahmel, et alius.* s. 743
- Übergangsmöglichkeit zwischen Spannungsrisskorrosion und Lochfrasskorrosion bei weichen Stählen. *W. Rädiker.* s. 747
- Untersuchung thermodynamischer Größen der martensitischen $\gamma \rightleftharpoons \alpha$ -Umwandlung von Eisen-Nickel-Legierungen. *E. Scheil, et alius.* s. 751
- Einfluss einer nichtaxialen Beanspruchung auf das Ergebnis von Zugschwellversuchen. *M. Hempel.* s. 755
- Die Entkohlung von Wolframkarbid durch feuchten Wasserstoff. *H. J. Booss.* s. 761
- Archiv für das Eisenhüttenwesen 31 (1960) Heft 1
- Die Metallurgie des Eisens im Hochvakuum. *W. A. Fischer.* s. 1
- Das Schwefelgleichgewicht zwischen flüssigem kohlenstoffgesättigtem Eisen und Kalk-Kieselsäure-Schlacken. *H. Schenck, et alii.* s. 11
- Der Einfluss tiefer Temperaturen auf die Festigkeit im zweiachsigen Spannungszustand. *A. Krisch.* s. 19
- Beitrag zur Aussagegenauigkeit der Vickershärtemessung bei verschiedenen Prüfkraften. *A. v. d. Steinen, et alius.* s. 25
- Statische und dynamische Messungen der Warmhärte an Eisenlegierungen bei Temperaturen bis 1000°C. *H. Schenck, et alii.* s. 33
- Untersuchungen über die Abschreckalterung weicher unlegierter Stähle unterschiedlicher Erschmelzungsart. *M. Nacken, et alius.* s. 39
- Über die Abhängigkeit der mechanischen Eigenschaften eisenreicher Eisen-Aluminium-Legierungen von der Temperatur. *F. Lihl, et alius.* s. 47
- Einfluss von Alkalisulfat-Ablagerungen bei gleichzeitiger Anwesenheit von Schwefel (VI)-oxydspuren in den Ofengasen. *A. Rahmel.* s. 59
- Stal (1960) No. 1
- Investigation of reduction process in ore bed. *S. I. Privalov, et alii.* p. 5

- Physical properties of fluxed sinter, produced at Cherepovets Iron and Steel Works. *N. M. Iakubtsiner, et alii.* p. 14
- Investigation of movement of iron and slag in blast-furnace hearth. *N. N. Babarykin, et alii.* p. 19
- Study of performance of blast furnace with shaft collar of various design. *S. M. Andoev, et alii.* p. 21
- Changing-over 220 ton open-hearth furnace to firing by natural gas. *N. B. Dobrokhotov, et alii.* p. 29
- Use of prereduced iron in open-hearth process. *A. A. Shneerov, et alii.* p. 32
- Melting high-grade open-hearth steels when using sulfurous or high-sulfurous fuel oil. *V. P. Filatov, et alii.* p. 36
- Electro slag remelting of ball-bearing and structural chrome-nickel-tungsten steels. *Iu. A. Shul'te, et alii.* p. 45
- Schemes of rolling in combination with continuous casting. *B. P. Bakhtinov, et alius.* p. 54
- Reasons formation in carbon steel slabs. *V. M. Chirikin, et alius.* p. 59
- Protective coatings of sewage and water supply pipes. *V. M. Pishchev, et alii.* p. 62
- Influence of intermediate annealing in hydrogen on specific losses of cold-rolled transformer steel. *A. G. Petrenko, et alii.* p. 71
- Influence of structure on mechanical properties and deep-drawing capacity of steel killed by aluminum. *V. M. Chirikin, et alii.* p. 74
- Continuous determination of heat absorption by open-hearth furnace bath. *V. G. Lisienko, et alius.* p. 89
- Casting of ingot moulds from mixture of foundry and open-hearth pig irons of first taps. *L. M. Cherkasov, et alii.* p. 93
- Stal** (1960) No.2
- Agglomeration of finely-ground concentrates of manganese ore. *N. M. Babushkin, et alii.* p. 97
- Practice of smelting ferromanganese in a large blast furnace. *L. G. Shumakov, et alius.* p. 104
- Results of measurements of temperature in blast-furnace hearth through its cinder notch. *V. K. Kropotov, et alii.* p. 107
- Influence of open-hearth port dimensions on furnace output. *M. M. Kotrovsky, et alius.* p. 111
- Performance conditions of open-hearth furnace roof when blowing oxygen into flame and furnace bath. *M. M. Dvorkind, et alii.* p. 117
- Low-carbon steel for production of bimetal. *A. A. Kiselev, et alius.* p. 121
- Investigation of 1200 mm reversing hot-strip mill with coilers located inside of heating furnaces. *V. I. Bairakov, et alius.* p. 130
- Manufacture of shaft billets from large ingots, cast under vacuum. *A. A. Markariants, et alii.* p. 148
- Structure and properties of CT×5 C semi-killed steel. *A. G. Kalashnikov, et alii.* p. 153
- Production of microwire of high mechanical properties from resistance alloys. *G. P. Gvozdyk, et alii.* p. 169
- Improvement of needle wire manufacturing process. *V. A. Golomazov, et alius.* p. 173
- Improvement of soaking pits by means of modeling. *S. Chernokh, et alii.* p. 178
- Cleaning of gas, received from blast furnace, operated with high top pressure and oxygen enriched blast. *D. K. Myzenko, et alii.* p. 182
- Electrolytic refining of crude tin and heavy metal. *N. S. Golikov, et alii.* p. 187
- 国内最近刊行誌参考記事目次**
- 学協会誌—
- 鑄物** 32 (1960) 3
- Fe-C-Si 合金中のセメントタイトの安定性におよぼす金属カルシウムの作用. 丸山益輝, 他…167
- Fe-C-Si 系合金における酸素との関係について. 菊地政郎…172
- 鑄包みの熱的非相似関係と抗張力試験. 高橋忠義, 他…178
- 分析化学** 9 (1960) 3