

資料室だより

BISI Translation 紹介

— No 37 —

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資料委員会では 1965 年より業界の協力のもとに共同購入してまいりました。

次に列記いたしました Title は最近入手したものです。複写は禁止されておりますので閲覧のみに限ります。

なお, 今回から Group の仕方が少し変わりましたのでご了承下さい。"資料室だより" の別刷ご希望の方は調査課までご連絡下さい。無料でさし上げます。Tel. (279) 6021

List Nos. 653~655

Management Planning and Control

BISI 10733 (C-O. Bauer)

Optimization of the metric fastener system substance and consequences of an American recommendation. [DIN-Mitt., 1972, 51, (3), 104-109] (G)

BISI 11199 (Yu. M. Fatkin, et al.)

Analysis of a statistical model of departments converting steel into rolled stock. [Izv. VUZ Chern. Met., 1972, (11), 110-113] (R)

BISI 11206 (I.S. Solomakhin, et al.)

Optimum-planning economic-mathematical model for ironmaking. [Stal, 1972, (11), 1035-1039] (R)

Physical Structure of Materials and Crystallography

BISI 10726 (W. Alex.)

Principles and classification of counting methods in particle size analysis. [Aufbereitungs-Techn., 1972, Feb., 105-111] (G)

BISI 11018 (H. Luther, et al.)

The effect of formed products of different particle size and shape on flow resistance in charge columns. [Chemie-Ing., Techn., 1971, 43, (11), 658-666] (G)

BISI 11098 (S.V. Seskii, et al.)

Carbon diffusion in iron-nickel alloys of dissimilar composition. [Izv. VUZ Chern. Met., 1972, (10), 115-118] (R)

BISI 11327 (M. A. Krishtal, et al.)

Diffusion in steel when its surface is saturated with the alloying element. [Izv. VUZ Chern. Met., 1972, (12), 126-9] (R)

BISI 11328 (G. L. Marks & A. Ya. Khrapov)

The manner in which transitional metals interact with non-metallic substances.

[Izv. VUZ Chern. Met., 1972, (12), 142-6] (R)

Physical Metallurgy and Metallography

BISI 11313 (W. Pitsch)

The orientation relationship between cementite and austenite. [Acta Met., 1962, 10, 897-899] (G)

Physical properties and chemical analysis

BISI 10778 (R. Tertian and R. Géninasca.)

X-ray fluorescent analysis of rocks with a correction for the inter-element effect. [X-ray Spectrometry, 1972, 1, 83-92]. (F)

BISI 11191 (G. N. Oiks, et al.)

The possibility of determining the concentration of oxygen in metal during a heat. [Izv. Vuz Chern Met., 1972, (11), 43-45] (R)

BISI 11324 (M. S. Petrushevskii, and P. V. Gel'd.)

Calculation of the thermodynamic characteristics of liquid alloys of iron with nickel. [Izv. VUZ Chern. Met., 1972, (12), 72-75]. (R).

Mechanical Properties and Material Defects

BISI 10862 (P. Detrez.)

The rudiments of setting up severity levels (in the technical recommendations for the non-destructive testing of steel castings). [Fonderie, 1972, Apr., (311), 125-30]. (F)

BISI 11231 (H. W. Grasshoff & D. Schreiber)

Relationship between jominy endquench curves and the hardenability of heat-treatable spring steels for found and flat sections. [Hoesch Ber., 1970, (4), 163-172] (G)

BISI 11318 (M. M. Prot)

A new type of metal fatigue test machine using rotary flexion. [Rev. Met., 1937, 34, 440-442] (F)

Corrosion and corrosion testing

BISI 10969 (G. Lennartz and H. Kiesheyer.)

The corrosion ion resistance of high-chromium-bearing ferritic steels. [DEW Techn. Ber., 1972, 11, 230-235] (G)

Rolling

BISI 10508 (A. A. Kalmenev.)

Theoretical investigation of the alpha Y/ alpha k ratio. [Moskovskii Vechernii Metallurgicheskii Sbornik Trudov Tekhn Teplot, Metall, Proz. 1971, (11), 229-233] (R)

BISI 10865 (H. G. Baumann, et al.)

Contribution of the study of stresses on rollers and rolls [Bander Bleche, 1971, 12, (11), 509-515] (G)

BISI 11197 (V. T. Zhadan, et al.)

Alloy steel rolling force conditions on a blooming mill as a function of the reductions. [Izv. VUZ Chern. Met., 1972, (11), 95-98] (R)

BISI 11205 (N. G. Bochkov, et al.)

Investigation of the deformation and residual stresses in thin-walled angular sections. [Stal. 1972, (11), 1016-8]. (R)

BISI 11326 (V. M. Klimenko, et al.)

Kinematics of the deformation zone during vibratory rolling. [Izv. VUZ Chern. Met., 1972, (12), 115-120]. (R)

BISI 11196 (A. N. Levanov, et al.)

Contact stresses in rolling thick stock with mismatching of roll speeds. [Izv. VUZ Chern. Met., 1972, (11), 87-90]. (R)

Metal Working, Excluding Rolling

BISI 10381 (E. J. Drewes, et al.)

Practical tests to indicate the formability of deep-drawing steels. [Hoesch Ber. Forsch. Entwicklung unserer Werke, 1972, (1), 26-36] (G)

BISI 10382 (E. J. Drewes, et al.)

Method of investigating the effect of forming conditions and the properties of a material for sheet processing. [Hoesch Ber. Forsch. Entwicklung unserer Werke, 1972, (1), 20-26] (G)

BISI 10839 (C. G. Enke)

Cladding tubes for fuel cans and finned tubes for high capacity heat exchangers. [Bander Bleche, 1972, 13, (5), 239-241] (G)

BISI 10489 (Ya. L. Vatkin, et al.)

The effect of deformation in piercing thick-walled hollows on the surface quality of tubes. [Obrab, Met. Davleniem, 1970, (55), 155-164] (R)

BISI 11207 (Ya. S. Shvartsbart, et al.)

Wire made of alloys with special physical properties drawn using lubricant under pressure. [Stal'. 1972, (11), 1049-1051], (R)

Steels and Alloys (Technical Application and Methods of Production), Cermets

BISI 11089 (M. F. Alekseenko, et al.)

Grade 9G28Yu9MVB steel sheet with a reduced specific gravity. [Stal', 1972, (10), 949-50]. (R)

Casting and Cast Metals

BISI 10984 (A. A. Zhukov, and G. P. Yaremenko.)

Nature of the chilling effect of sulphur and chromium on the structure of cast irons. [Izv. VUZ Chern. Met., 1972, (9), 136-138]. (R)

Heat Treatment

BISI 10590 (H. Kosmider et al.)

Comparative investigation of the patenting of steel wire from the rolling temperature. [Draht Welt, 1971, 57, (11), 548-558]. (R)

BISI 10983 (L. V. Karabasova, et al.)

The effect of the rate of heating for hardening on the structure of chromium martensite. [Izv. VUZ Chern. Met., 1972, (9), 127-129]. (R)

Fuel, Combustion and Refractories

BISI 11106 (B. Alpern.)

The anisotropy of coke as a criterion for its assessment and classification. [Brennstoff-Chemie, 1956, 37, (13/14), 194-8] (G)

Ironmaking and Ferro-Alloys

BISI 11084 (I. D. Balon et al.)

Phase transformations in reduction and slag formation during smelting in the blast furnace. [Stal', 1972, (10), 883-8]. (R)

Steelmaking

BISI 10342 (H. J. Langhammer.)

Approaches, based on processing principles, to the solution of scrap melting problems in steelmaking. [Arch. Eisenh., 1972, 43, (2), 159-69] (G)

BISI 11189 (V. P. Elyutin, et al.)

The silica-carbon reaction at high temperatures [Izv. VUZ Chern. Met., 1972, (11), 5-8]. (R)

BISI 11190 (M. Ya. Medzhibozhskii, et al.)

Rate of fusion of metal scrap in open hearth furnaces when the bath is injected with oxygen. [Izv. VUZ Chern. Met., 1972, (11), 39-42] (R)

BISI 11325 (Yu. P. Belyaev, et al.)

Certain peculiarities in the hydrodynamics of baths of large capacity of furnaces. [Izv. VUZ Chern. Met., 1972, (12), 93-97] (R)

BISI 11192 (G. M. Glinkov, et al.)

The charging of cold scrap to the molten bath of an open hearth furnace. [Izv. VUZ Chern. Met., 1972, (11), 46-49] (R)

BISI 11329 (I. I. Malikov, and N. M., Khomenko.)

Determination of the optimum number of melts in converter shop hot metal batches. [Izv. VUZ Chern. Met., 1972, (12), 165-9]. (R)

Extraction and Refining

BISI 11082 (W. Bialowans, et al.)

D-H Type plant for the ladle vacuum degassing of steel. [Wiadomosci Huth., 1972, 28, (4), 109-112] (Po)

BISI 11306 (W. J. Amerling.)

Nitrogen pick-up of slags in the system CaO-SiO₂-Al₂O₃ [Doctor's Dissertation Technische Hochschule Aachen] (G)

BISI 11312 (I. A. Navokhatski & L. M. Lieneff)

Thermodynamic reduction of iron aluminate by carbon monoxide. (Izv. AN SSSR Met. i Gorn. Delo, 1963, (6), 47] (R)