

Temperature/Speed Relationship of the
Coefficient of Dry Frictional Slip,
by S. A. Sorogin, V. I. Lyulenkov.
RUSSIAN, per, Izvest. VUZ Chem. Net.,
No 8, 1965, pp 167-171.
HB 6733

Sci-M&M
May 66

300,993

Study of the Dynamic Forces in the Operation of
Hot-Strip Winders---Determination of Accelerations,
by V. P. Galani.
RUSSIAN, per, Izv. VUZ Chern. Met., No 8, 1968,
pp 172-177.
EISI 6800

Sci-Mat
Apr 69

579,740

Analysis of the Reduction Processes in
Blast Furnaces with Injection of Natural
Gas, by G. I. Lizinov.
RUSSIA, per, Izvest. VUZ Chem Let, no 9,
Sep 1965, pp 34-38.
ab 6671

sci/Wap
Apr 66

298,852

Mechanism of the Oxidation of Impurities in
the Converter Bath, by L. V. Tsykin, G. B.
Olsk.

RUSSIAN, per, Izv. VUZ Chern. Met., No 9,
1965, pp 63-68.

BISI 5079

314,785

Sci - Methods and Equipment
Jan 67

Investigation into the Deformation of
Metals During Upsetting Under Vibra-
tional Loads, by V. I. Zalesskiy,
I. P. Volkov.

RUSSIAN, per, Izvest. VUZ Chern. Met.
No 9, Sept. 1965, pp 98-102.

HB 6853

Sci-MEM
Jul 66

304,379

Distribution of the Forces of Deformation
in the Squeeze-Roll Unit of an Electric
Weld Tube Mill, by Yu. F. Shevakin,
V. I. Pasternak.

RUSSIAN, per, Izvest. VUZ Chem, Met,
no 9, 1965, pp 103-107.
in 6772

1053R
Sci/Tech
Jan 66

294,669

Grain Boundaries in a Constructional Alloy
Steel Made with and Without Addition
of Rare-Earth Metals, by A. F. Bolyakova et al.
RUSSIAN, per, Izvest. VUZ Chern. Met. No 9,
Sept. 1965, pp 163-167.
LIB 6731

Sci-MEM
May 66

301,000

Deposition of Titanium Carbide From the Gas
Phase Onto the Surface of Steel, by
G. A. Semenova, A. N. Minkevich.
RUSSIAN, per, Izvest. VUZ-Chem. Met., No 8,
Sep 1965, pp 168-170.
HB 6732

Sci/MGM
Apr 66

298,856

Development of an Algorithm for Regulating
the Thermal State of a Blast Furnace, by
A. D. Gotlib, et al.
RUSSIAN, per, Izv. VUZ Chem. Met., No 10,
1965, pp 22-30.
BISI 4612

Sci/M&M
Apr 66

299,426

~~296,929~~

Heat Treatment of Blast Furnace Sinter,
by I. P. Khudorozhkov et al.
RUSSIAN, per, Izvest. VUZ Chem. Mat.,
No 10, Oct. 1965, pp 37-41.
HB 6704

Sci-M&M
May 66

300,991

The Production of Mechanically Treated
Steel, by V. P. Savitsky.
RESUME, per, Izvest. VUZ Chem. et,
no 10, Oct 1965, pp 49-51.
AS 6705

OSSE
sci/13.1
ar 66

297,200

The Use of Manganiferous Limestones in
Oxygen Blowing, by S. S. Volkov,
RUSSIAN, per. Izv. VUZ Chern Met., no 10,
1965, pp 52-58.
BISI 2489

Sci/Mat
Sep 70

Speeding up the open-hearth scrap process
by injection of compressed air into the
bath, by V. I. Sel'skii, et al.
RUSSIAN, for, Izvest. VSE-Chern. et,
no 10, 1965, pp 59-61.
no 6705

0718
sel/1965
Jan 66

204,072

on the Criterion of Elasticity of Metals,
by L. Z. Zaikov, V. S. Peretyat'ko.
ABSTRACT, per, Izvest. VUZ Chem Let, Vol 6,
No 16, 1965, pp 90-95.
AF 6856

sci-66
May 66

10/1/66

Features of the Formation of Scale on Stainless
Steel Castings, by V. A. Sintsov, V. A.
Chechulin.

RUSSIAN, per, Izvest VUZ Chern Met., Vol,8,
No 10, 1965, pp 133-139.
HW 6707

Sci - Mech
Aug. 67

338,587

Determination of the Coefficient of Mass
Transfer Between the Gaseous Phase and the
Bath of an Open-Hearth Furnace, by I. G.
Kazantsev.

RUSSIAN, per, Izv. VUZ Chern. Met., No 11,
1965, pp 44-47.

BISI 5153

319,843

Sci - Mechanical,
Civil, and Marine Engineering
Feb 67

Deformation and Speed when Reeling Tubes on
a Three-Roll Mill, by V. Ya. Osadchii
RUSSIAN, per, Izvest. Vuz-Chern. Met, No 11,
1965, pp 83-87.
HB 7591

Sci-Materials
Nov 68

366,254

Vibratory Extrusion Using a Hydraulic
Screw Vibrator, by V. I. Goloskii,
O. S. Hendybaev.
RUSSIAN, per, Izvest. Vuz- Chern. Met.,
No 11, November 1965, pp 88-92.
HB 7624

Sci/Materials
Jan 69

353,299

Influence of Working the Austenite Prior to
Patenting of the Properties of Carbon Steel
Wire, by I. N. Kidin.

RUSSIAN, per, Izv. VUZ Chern. Met., No 11,
1965, pp 136-140.

BISI 5194

319,844

Sci - Mechanical,
Civil, and Marine Engineering
Feb 67

The Structure of a High-Chromium Aligned Layer
on Castings of 0.30% C Plain Steel, by

G. N. Karstov, et al.

ABSTRACT, Izvest. VUZ. Chem. Net, Vol 8,
No 11, 1965, pp 153-157.

AS 7993

sci/abstracts

Dec 69

398,630

Rapid Control of Metallic Iron Content in Metallized
Ores, by Yu. S. Yusfin, et al.

RUSSIAN, per, Izv. VUZ Chern. Mat., No. 11, 1965,
pp 180-182.

BISI 5322

Serial Number

Sci - Materials
Jul 67

Physical Properties of High-Basicity Sinter,
by B. A. Livshits, G. S. Vasil'ev.
RUSSIAN, per, Izv. VUZ Chern Met, No 12, 1965,
pp 22-28.
BISI 5325

Sci/Materials
Jun 67

327,602

Investigation of the Drying Process of Iron-
Ore Pellets, by A. S. Boggsa, V. N. Vityugin.
RIS-61/M, per, Izvest VUZ Chem. et., no 14,
Dec 1965, pp 56-59.
RB 6803

Sci/Ind.
Apr 66

296,655

Influence of the State of oxidation of the liquid metal and of the rate of pouring on the structure of semikilled steel ingots, by V. K. Polyakov. RUSSIA, per, Izvest. VUZ-Chem. Ser., Vol. 6, No. 12, 1965, pp. 48-50.
id. 6896

Sci/Materials
Jan 67

317,240

High Temperature Thermomechanical Working
of Hot Steel, by Yu. V. Ordina.
RUSSIAN, per, Izv. VUZ Chern. Met., No 12,
1965, pp 112-113.
BIBI 5216

314,601

Sci - Mechanical, Industrial,
Civil, and Marine Engineering
Feb 67

Strengthening of High Manganese Steel
by a Combination Thermochemical Treat-
ment, by L. I. Tushinskiy, et al.
RUSSIAN, per, Izvest. VUZ Chern. Met.,
Vol 8, No 12, 1965, pp 114-115.
EB 6804

Sci-Materials
Oct 66

310,525

The Reduction of Iron from Ferricortite,
by V. I. Gurev, et al,
Mashin, per, Inv. Vol. Chem. Ser., no 1,
1966, p. 5-10.
All. Ser. II (12074)

sci-steel115
6/7 67

520,102

Kinetics of the reduction of Fluxes
Iron-ore Pellets by Carbon Monoxide
and Mixtures thereof similar to Blast
Furnace Gas, by V. N. Tilyutin, S. V.
Kostevtsev.
USSR, per, Izvost. VUZ Chern Met.
Vol 9, No 1, 1966, pp 10-14.
BT 4860

Sci-151
Aug 56

586,615

The Influence of Additives on the Melting
Point of Lags in the System $\text{CaO--Al}_2\text{O}_3--$
 Me_xA_y , by P. P. Evseev, L. I. Sinyukova,
A. F. Fillipov.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii. Chernaya Metallurgiya, No 1,
1966, pp. 74-5
NTC 69-10558-11F

Sci-Mat

Algorithm For Calculating the Reduction Schedules
in a Bloom Hill, by F. G. Patrunkov.
RUSSIAN, per, Izv. VUZ, Chern. Met., No 1,
January 1966, pp 122-127.
BISI 6625

Sci-Mat
Apr 69

379,748

stability and Strengthening of Nickel Base
Alloys under Exposure to the Effect of Micro
Cavitation, by Yu. G. Veksler, 7 pp.
RUSSIAN, per, Investiya Vysshikh Uchebnykh
Zavedeniy. Chernaya Metallurgiya, No 1, 1966,
pp 132-135. P100116568-V
FTD-HT-23-651-67

Sci-Materials
July 68

350,846

Employment of Electrical Thermomechanical Treatment for Production of High-Strength Wire, by I. N. Kidin, A. B. Marshalkin, 8 pp.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedenii, Chernaya Metallurgiya, No 1, 1966.
pp 144-151.
JPRS 46592

Sci-Mat
Oct 68

367.729

Gul', Yu. P.

Effect of hardening temp. on ageing of 0.05% C steel.
IZV VUZ CHERNAYA METALLURGIYA, No 2, 1966, pp 107-114

Richard Thomas & Baldwins Ltd.
Whitchurch, Aylesbury, Bucks
Ref CRL 0437

Rapid Pre-Heating of Metals for Rolling without
Oxidation, by Yu. V. Grdina, et al.
RUSSIAN, per. Izv. VUZ Chern. Met., No 2, 1966,
pp. 119-121.
BISI 5162

Sci - Mechanical
Aug 67

377,700

(ANL-Trans. 906) SPEED OF ULTRASOUND, COMPRESSIBILITY OF LIQUID METALS AND THEIR RELATIONSHIP WITH VARIOUS PHYSICAL PROPERTIES. Filpov, S. I.; Kazakov, N. B.; Pronin, L. A. Translated for Argonne National Lab., Ill., from Izv. Vyssh. Ucheb. Zaved., Chern. Met., 2: No. 3, 8-14(1966). 11p. Dep. NTIS.

25

26physics; translations 2720

28MN-34 29P NSA

Setting and Description of Nonmetallic
Inclusions by Oxide and Fluoride Glasses,
by V. N. Yudina, V. I. Yavoiskiy.
Abstract, per, Izvest. VUZ Chem. Ser.,
No. 5, March 1966, pp 15-21.
Lit. 6854

Sci- 51
Aug 66

598,003

Study of the Degassing Process in the
Vacuum Casting of Steel Ingots for Heavy
Forgings, by B. F. Zverev et al.
RUSSIAN, per, Izvest. VUZ Chern. Met. ,
Vol 9, No 3, 1966, pp 64-67.
HB 6859

Sci-Mech Indus Civ Mar Engr
Oct 66

313,158

Recrystallization of Chrome Steels Under Condi-
tions of High-Temperature Thermochemical Treat-
ment, by M. L. Bernshteyn, O. M. Zuyeva, 8 pp.
RUSSIAN, per. Investiya Vyshtikh Uchebnykh
Zavedeni, Chernaya Metallurgiya, No 3, 1966,
pp 140-144,
JPRS 46592

Sci-Mat
Oct 68

367,727

Sulfurization of Pig Iron in the Blast Furnace
hearth in operation with a low slag volume, by
Yu. S. Herts.
Doklady, per, Izvest. VUZ-Chem. Ser., no 4, 1966
pp 19-24.
ms 6897

Sci/Materials
Doc 56

314,563

sintering conditions in laboratory sintering experiments, by V. I. Korotich, P. N. Grekov. 3631A, per, Izvest. VUZ-Chem. Nat., Vol. 4, 1966, pp 37-41. AB 6894.

Sci/Materials
Jan 67

516,351

Desulphurization of Steel in Oxygen Converters, by
V. M. Servetnik
RUSSIAN, per, Izv. VUZ Khim. Met., No 4, 1955,
pp 52-56
DISI 5609

USBR
Sci/MICOM
Oct 67

341733

Oxygen Blowing of Steel Coupled with the Addition of Sulfur, by V. M. Lupenko, et al.
RUSSIAN, per, Izvest. VUZ- Chern. Tekh., No 4,
1966, pp 57-63.
ISI 6923

Sci-Hat
Oct 67

343,440

Recrystallisation of High Purity Alpha-Iron, by
B. M. Darinskii.
RUSSIAN, par. Izv VUZ Chern Mat, No 4, 1966,
pp 110-116.
*CFSTI TT 70-58190

Sci-Chem
June 70

Structure and Phases Formed by Interdiffusion of
Al and Fe, by K. I. Yashchenko.

RUSSIAN, per, Izv VUZ Chern Mat, No 4, 1966,
pp 137-141.

*CPSTI TT 70-58191

Sci-Chem
June 70

Relationship between a Calculated Plant
Fluorine Index and the Composition of the
Iron, by S. P. Kovgalyuk.
Dokl. Akad. Nauk, Izv. VUZ Chem. Ser., 6, 3,
1956, pp. 31-33.
SI 11-1963

Sci-11
Aug 50

SI 11-773

Loss of Hot Metal From the Bath During
Oxy-Fuel Lancing in the LD-Process, by
S. S. Volkov,
RUSSIAN, per, Izv. VUZ Chern Met, No 5,
1966, pp 43-44.
BISI 5150

314,737

Sci - Mechanical, Industrial,
Civil, and Marine Engineering
Jan 67

**The Effect of Aluminum on the Nature and
Distribution of Non-Metallic Inclusions in
10-Ton Rimming Steel Ingots, by M. I.
Vainanok.**

**RUSSIAN, per, Izv. VUZ Chern Met., No 5,
1966, pp 45-50.
DISI 5151**

314,781

**Sci - Methods and Equipment
Jan 67**

Certain Questions of Crystallization of Ingot
of Electroslag Remelting. Report 1, by
Yu. I. Afanas'yev, Yu. L. Kamenskiy.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zaved-
eniy. Chernaya Metallurgiya, No 5, 1966, pp 73-
77. T100078368-7
FTD-AT-24-176-67

Sci-Hat
May 68

356,339

Character of Structural Transformation in De-
formed Alloy Ni + 10% (Al.) Fe, by

A. N. Dubrovina.

RUSSIAN, per. Izvestiya Vysishih Uchebnykh
Zavedeniy. Chernaya Metallurgiya, No 5, 1966,
pp 140-143. FT00078368-V

FTD-MT-24-176-67

Sci-Phys

May 68

356,340

The Optimum Permeability of a Sinter Charge and
Fuel Combustion Conditions, by G. G. Efimenko
and J. P. Efimov.

RUSSIAN, per, Izv VUZ Chern Met. No 6, 1966,
pp 41-45.
BISI 5991

Sci-Int
Dec 67

346,624

Decarburisation From Steel Drops and the Influence of
this Factor on the Foaming of Slags, by

Ya. P. Nikitin.

RUSSIAN, per, Izv VUZ Chern Met, No 6, 1966, pp 67-71.

BISI 10266

Oct 72

Structure and properties of stretched wire
Alloyed with Cobalt, by A. Ya. Zubov and

S. R. Serun.

RUSSIAN, par. 12, Zh. Chern. Met. no 6, 1960,
pp 131-136.

Doc 543

Doc Ref: 9022.06(54/3)

Sci. int

May 66

350,111

Thermomechanical Treatment of Rail Steels, by
L. I. Tshinskii, K. I. Tshinskaya, 6 pp.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedeni, Chernaya Metallurgiya, No 6, 1966,
pp 137-140.
JPRS 46992

Sci-Mat
Oct 68

367.730

Effect of the Form of Ferrite on the Recrystallization of Steel in Fractures, by N. N. Lipchin, Yu. A. Belykh, B. V. Gromov.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya, No 6, 1966,
pp 141-144.
NTC 71-14403-11F

Feb 72

on the Calculation of the Heat Content of the
Elastomer - Part 1, by G. G. Pokhvisnev.
Dokl. Akad. Nauk SSSR, Izv. VUZ Chem. Ser., No 7, 1956,
pp. 25-29.
REF 6992

Sci/ Materials
Oct 69

394,220

Scaling Resistance of 20% Cr, 80% Ni
Alloy ~~1020180~~ with Additions of Lanthanum
and Cerium, by E. G. Ivanov, B. K. Oparin.
RUSSIAN, per, Invent. VUZ Chern. Met.
No 7, July 1966, pp 77-79.
EB 6939

Sci-Materials
Oct 66

313,153

Effect of Deformation on the Intergranular Cor-
rosion of 18/8 Stainless Steel, by G. E. Sereibar.
RUSSIAN, per. Izv. VUZ Chern. Met., Vol 9, No 7,
1966, pp 114-118.
NII. 9022.4 (66/328)

Sci-Meta
Nov 67

345.349

IZVESTIYA VUZ CHERNAYA METAL, No 8, 1966, pp 16-20
NLL RTS, 3361

Ways of Countering the Harmful Effect of Phosphorus
on the Properties of Cast 130 Mn Steel, by N. G.
Dayydov, A. M. Bigeev
RUSSIAN, per, Izvest. VUZ=Chern Met, 1966, No 8, pp 63
66
HB No 6970

Sci - Mat
July 67

322,817

Kinetics of the Oxidation of Carbon During Oxygen
Blowing of a High Chromium Bath, by A.E. Kogan
A. M. Lavin.
RUSSIAN, per, Izv. VUZ Chem. Mkt., Aug 1966,
pp 67-75
BISI 5439

Sci/Materials
Jul 67

329,344

determination of the temperature field during
oxidation, by G. A. Markina, et al.
Dokl. Akad. Nauk SSSR, 127, 1966,
pp 122-127.
REF 6630

sci/ materials
oct 69

394,183

Effect of the Form of Ferrite on the Recrystallization of Steel in Fractures, by N. N. Lipchin.
RUSSIAN, per, Izv VUZ Chern Met, Vol 8, 1966,
pp 141-144.
AEC UCRL-Trans-10227

Sci-Materials
July 68

357,425

The Peculiarities of the Recrystallization of
Alloy L1437B, by N. N. Lipchin, S. A. Kokovyakina.
RUSSIAN, per, Izvestiya VUZ Chern. Net., No 3,
1966, pp 152-156.
AIR/FTD/IT-23-214-68

Sci-Phys
Feb 69

372,842

The Problem of Cooling of Forgings of
Flake-Susceptible Steel, by E. S. Tovpenets,
et al.
RUSSIAN, per, Izvest. VUZ Chern Met., No 8,
1966, pp 157-161.
HB 6965

Sci - Mech
Aug. 67

338,577

Effect of Blast Supply Characteristics on the
Distribution of Gas Flow in the Capillary Column,
by A. L. Berna.

Abstract, per, Izv. Vuz Chern. Net, No. 1, Dec,
pp 31-33.

*PISI 5540

sci/materials

May 67

Mechanism of Breakdown of the Blast-Furnace Hearth
Pad, by Ya. D. Vorbitskii
RUSSIAN, per, Izvest. VUZ. Chern Met., Sept. 1966,
No 9, pp 36-38
LIB No 6982

Sci - Mat
July 67

522,824

Texture Formation in Silicon Iron During
Primary Recrystallization, by Yu. S.

Avramov.

RUSSIAN, par, Inv. VUZ Chern. Met., No 9,
1966, pp 120-123.

BIBI 5240

321,828

Sci - Materials
A-11-11

Forces Acting on the Tools in the Cold
Rolling of Tubes, by V. I. Sakalovskiy.
RUSSIAN, per, Izv. VUZ Chern. Met., Oct
1966, pp 52-61.
BISI 5371

324,250

Sci - Mech
Apr 67

Curvature of Bimetal Strips During Rolling,
by A. A. Mafedov, V. N. Ershov.
RUSSIAN, per, Izv. VUZ Chern. Met., No 10,
1966, pp 100-103.
BISI 5227

319,046

Sci - Mechanical,
Civil, and Marine Engineering
Feb 67

Effect of Steel Composition of Life of Gear Trans-
missions, by V. P. Antropov.
RUSSIAN, per. Izv. VUZ Chern. Mek., Vol 9, No 10,
1966, pp 128-135.
NIL 9022.4 (66/374)

Sci.-Nat
Nov 67

345.375

Influence of Boron on the Structure and
Properties of a High-Temperature Strength
Steel Containing 16% Cr, 25% Ni, 2% Mo, and
5%W, by N. A. Bystrova, D. Ya. Vishnyakov.
RUSSIAN, per, Izvest. VUZ Chern Met., No 11,
1966, pp 110-112.

HB 0060

Sci - Mat

Aug. 67

338,556

Work Hardening Followed by Heat Treatment of
Constructional Steels, by I. N. Kadin.
RUSSIAN, per, Izvest VUZ- Chern Met, No 11, 1966,
pp 118-122.
HB 7257

Sold. Meth and Equip
Dec 67

346,571

Optimum Consumption of Natural Gas in the
blast Furnace Process, by J. G. Tovaroskii.
RUSSIAN, par, Izv. VUZ Chem. Met., No 12,
1966, pp 21-28.
RISI 5943

Sci-Int
Jan 69

370,757

Effect of Aluminium Additions on the Properties
of Semi-killed St.5ps Steel, by A.F. Dolgoplov,
B. I. Panich.
RUSSIAN, per, Izv. VUZ Chern. Met., No 12,
1966, pp 38-43.
BISI 5957

Sci-Mat

Apr 69

377,771

Concerning the Process of Desulphurization in an
Oxygen Converter, by V. B. Okhotskii
RUSSIAN, per, Izv. VUZ Chern. Met., No 17, 1966,
pp 50-55
BISI 5531

USSR
Sci/MICOME
Oct 67

34174

High-Temperature Thermomechanical Treatment of
Rail Steel, by V. V. Drushinin, D. I. Tarasov,
9 pp.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii, Chernaya Metallurgiya, No 12, 1966,
pp 116-119.

JPRS 46592

Sci-Mat

Oct 68

367,728

The Effect of Plastic Deformation in an
Austenitic State on the Temper Brittleness
of Rail Steel, by V. V. Drushinin,
D. I. Tarasko, 2 pp.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedeniy, Chernaya Metallurgiya, No 12,
1966, pp 120-121.
AIR/FTD/IFT-23-1465-67

Sci-Mat
Jan 69

370,810

Influence of Ingot-Mould Pass Shape on the Cooling
Rate of Chilled Section Rolls, by A. E. Krivosheev.
RUSSIAN, per, Izv. VUZ Chern.met., Vol 9, No 12,
1966, pp 122-126.
NLL Ref: 9022.4 (67/91)

Sci/Nat
Feb 68

349,630

E. S. Filippov

The Nature and Theoretical Determination of
Activities for Binary Alloys.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii, Chernaya Metallurgiya, No 1, 1967,
pp 9-15
NIC 72-60341-11F

sept 72

Adhesion of Nitrides to Steel and Slag, by S. K.
Chochmarov.
RUSSIAN, per. Invest. Vuz- Chern. Inst., No 1, 1967,
pp 16-19,
HB 7280

Sci/Mat
Feb 68

349,459

Simulation of an Oxygen-Converting Process on a
Computer, by D. I. Turkenich and L. A. Alekseev.
RUSSIAN, per. Izv VUZ Chern Met. No 1, 1967, pp 29-
33.
BISI 5799

Sci-lat
Apr 68

352,184

Mechanism of Metal Boiling During Vacuum
Treatment in Ladle of Unkilled Ball Bearing
Steel, by V. I. Chukhlov,

G. N. Oyks.

RUSSIAN, per, Izv VUZ Chernaya Metal,

No 1, 1967, pp 41-45.

AIR/FTD/HT-23-418-68

Sci-Nat
Apr 68

379,864

Phase Transformations in CuNiZn Alloys, by
B. G. Livshits.
RUSSIAN, per, Izv VUZ Chern Met, No 1, 1967,
pp 123-127.
*CFSTI TT 70-58192

Sci-Chem
June 70

Method for Determining the Red Hardness of High-Speed Steels, by V. A. Prostrem.

RUSSIAN, par, IZVEST. VUZ- Chern. Met., Vol 10,

No 1, 1967. pp 142-145.

HB 7427

Sof/Mat
June 68

358,234

Thermal Stresses in Plates During Periodic Heating. I., by N. I. Yalovcy, I. S. Reshetnyak.

7 pp.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedeniy. Chernaya Metallurgiya, No 1, 1967, pp 175-178.

AIR/FTD/HT-23-1030-68

sci/physics

july 69

387,515

Kinetics of the Reaction of Hydrogen and Nitrogen
in Iron and Steel, by S. I. Popel.
RUSSIAN, par, Izv VUZ Chern Met, No 2, 1967,
pp 10-16.
*CFSTI TT 70-58193

Sci-Chem
June 70

**Volometric Effects During the Oxidation and
Subsequent Reduction of Steel Wire by
E. S. Vorontsov and T. V. Lushnikova.
RUSSIAN, per, Izv. VUZ Chem. Met., No 2, 1967,
pages 17-21.
BISI 5982**

**Sci/Materials
January 1968**

341,926