

Inventor Nikolaus Laing Works on Cheaper
Energy Production, 6 pp.
DER SPIEGEL, Hamburg, 18 Feb 74, pp 124-126.
JPRS 61110

Apr 74

Anonymous Soviet Letter to 'Der Spiegel' Attacks
Solzhenitsyn,

6 pp

DER SPIEGEL, Hamburg, 4 Feb 1974, p 79.

JPRS 61331

The Situation in Chile Following the Coup Described.

9 pp

DER SPIEGEL, Hamburg, 25 Mar 1974, pp 94-102.

JPRS 61703

Cave Life in Yenan, 5 pp.
DER SPIEGEL, Hamburg, 25 Feb 74, pp 72, 74-76.
JPRS 61534

Apr 74

FRG Automobile Industry Expects Production to
Fall Off 20 Percent in 1974, 17 pp.
DER SPIEGEL, Hamburg, 4 Mar 74, pp 42, 43, 45,
48, 50-55.
JPRS 61574

Apr 74

Cyanide Allegedly in Dump Near Heidelberg.

5 pp

DER SPIEGEL, Hamburg, 30 May 1974, pp 73-74.

JPRS 62235

Lorens, G.

*Preparation and maintenance of printing screens made
of monofilament nylon gauze.*

SPINNER WEBER TEXTILVEREDLUNG, Vol 82, No 12, 1964,
pp 1271-1278

A T S 1555-GJ

Reichleiner, A.

*Use of microscopy for investigating textile problems.
Part 16. Simple approved methods for the preparation
and illumination of normal and defective, semi-finished
and finished textiles*

SPINNER WEBER (TEXTILVEREDLUNG), n. 7, 1965, pp. 705-

*711
NTC 73-23090-11E*

Franken, A.

*Precautionary measures for the preparation of screens
for screen printing.*

SPINNER WEBER TEXTILVEREDLUNG, Vol 83, No 2, 1965,
pp 742-743

A T S 1556-GJ

Screen fabrics and their suitability.
SPINNER WEBER TEXTILVEREDLUNG, Vol 83, No 12, 1965,
pp 1388-1391
A T S 1557-GJ

Special gauze fabrics for screen printing.
SPINNER WEBER TEXTILVEREDLUNG, Vol. 85, No 3, 1967
p 217
A T S 1554-GJ

Ramaszeder, K.

Physicochemical Factors in Selecting sizes
for synthetic fibers.

SPINNER WEBER TEXTILVERED-LUNG, Vol 86,

pp 927-930, 1968

NTC 73-10539-11C

may 73

Toshkov, Aleksandur

Microbiological Institute Achievements
Reported, 8 pp.

SPISANIE NA BAN, Sofia, No 1, 1973, pp 66-72.

JPRS 59871

Sep 73

Boyadzhiev, Petko

Coordination and Subordination Systems, 18 pp.
SPISANIYE NA BULGARSKATA AKADEMIYA NA NAUKITE,
Sofia, No 1, 1973, pp 18-33.
JPRS 60507

Nov 77

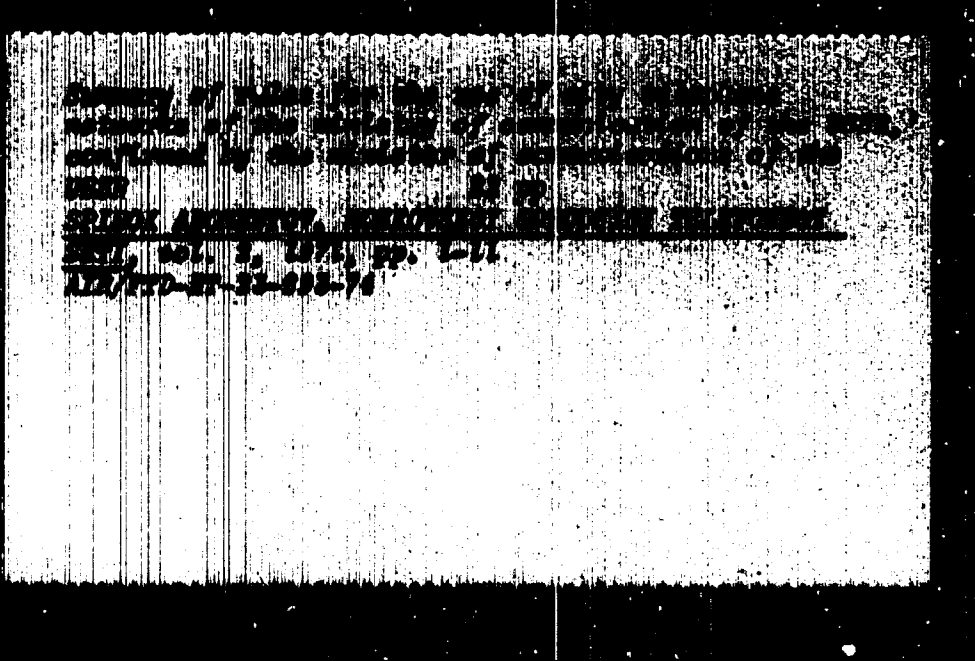
Chairman's Report Before Academy of Sciences
General Assembly, 9 pp.
SPISANIE NA BULGARSKATA AKADEMIYA NA NAUKITE,
Sofia, No 3, 1973, pp 3-10.
JPRS 61101

Mar 74

SHAPILOV, KIRIL B.
//SPISANE NA BULGARSKATA AKADEMIA NA NAUKITE//
—/—/1974.V—, N0003, PP 0083-0091
Scientific Achievements Introduced in Practice
7 PP
JPRS 63772
‡

Bokov, P.

*Distribution of commercial oil and gas accumulations and
shows on the territory of People's Republic of Bulgaria.*
SPIS. BULG. GEOL. GRUZH. Vol 30, Pt 3, 1969, pp 321-330
ATS RJ-5999



Vladykov, Valer 1926

The lateral system in Salmonidae. Part I. Topography
and histology of the lateral system in Trutta fario L.
(Postranni system u celedi Salmonidae. Dil I. Topografie
a histologie postranniho systemu u pstruha obecného
(Trutta fario L.)
(Spisy Vydavane Prirodovedeckou Fakultou Karlovy University;
57: 3-58. In Czech.

Transl. by JPRS for NIMPS, Oct. 1973, 34p., typescript.

Avail. on loan - NIMPS, Wash., D.C.

Original Article Checked *MR*

Drits, M. Ya.

The mechanical properties of aluminum-lithium alloy.

10 pp.

SPLAVY TSVETNYKH METALLOV, 1971, pp 187-192

AIR/FTD-HT-23-155-73

may 73

Belov, A. F.

Some ways of increasing the mechanical properties of
semifinished products made from heat-resistant alloys.

12 pp.

SPLAVY IZVESHENIY METALLOV, 1972, pp. 17-23

AIR/PTD-T-24-148-73

may 73

Glazunov, S. G.

Dispersed granulation of metals and alloys. 17 pp.
SPLAVY TSVETNYKH METALLOV, 1972, pp 32-41
AIR/FTD-MI-24-0149-73

may 73

Dobatkin, V. I.

Laws governing crystallization of ingots with continuous casting in an electromagnetic crystallizer. 19 pp.

SPLAVY TSVETNYKH METALLOV, 1972, pp 42-52

AIR/PTD-MT-34-150-73

may 73

Petrov, D. A.

*Analysis of certain aspects of the method of directional
crystallization. 11 pp.*

SPLAVY TSVETNYKH METALLOV, 1972, pp 76-81

AIR/FTD-HT-23-151-73

may 73

THERMOELECTRIC HETEROGENEITY OF METALS AND AL
LOYS

BEYLIN, V., LEV LANGUAGE-RU COUNTRY-UR

SPLAVY TSVETNYKH METALLOV (K 70-L. SO DNYA RO
ZHU. A BOCHVAR) 72, 102-09

FSTC-HT-23-0436-74

Vladykov, Vadin

1926

The lateral system in Salmonidae. Part I. Topography
and histology of the lateral system in Trutta fario L.

(Postranni system u celedi Salmonidae. Díl I. Topografie
a histologie postranniho systemu u pstruha obecného

(Trutta fario L.)

(Spisy Vydavane Prirodovedeckou Fakultou Karlovy University,
27: 1-38. in Czech.

Transl. by JEPS for NMFS, Oct. 1975, 34p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Drita, M. Ya.

The mechanical properties of aluminum-lithium alloy.

10 pp.

SPLAVY TSVETNYKH METALLOV, 1971, pp 187-192

AIR/PTD-HT-83-155-73

may 73

Glazunov, S. G.

Dispersed granulation of metals and alloys. 17 pp.

SPLAVY TSVETNYKH METALLOV, 1972, pp 32-41

AIR/FTD-MI-24-0149-73

may 73

Dobatkin, V. I.

Lawe governing crystallization of ingots with continuous casting in an electromagnetic crystallizer. 19 pp.

SPLAVY TSVETNYKH METALLOV, 1972, pp 42-52

AIR/FTD-MT-24-150-73

may 73

Petrov, D. A.

*Analysis of certain aspects of the method of directional
crystallization. 11 pp.*

SPLAVY TSVEFNYKH METALLOV, 1972, pp 76-81

AIR/FTD-HT-23-151-73

may 73

Kishkin, S. T.

Change in the fine structure of nickel-chromium heat-resistant alloys during creep.

SPLAVY TSVETNYKH METALLOV, 1972, pp 123-128

AIR/FTD-HT-23-152-73

may 73

Portnoy, K. I.

*The special character of recrystallization of
dispersion-hardening nickel. 8 pp.*

SPLAVY TSVETNYKH METALLOV, 1972, pp 156-160

AIR/FTD-HT-23-153-73

may 73

Soldatov, L. A.

*The effect of strain on the mechanical properties of
magnesium alloys alloyed with yttrium. 9 pp.*

SPRAY INVESTIGATION METALLOV, 1973, pp 101-109

AIR/ITD-81-11-011-74

Drita, M. Ye.

*New magnesium alloys for operation at elevated
temperatures 8 pp.*

SPLAVY TSVET IYKH METALLOV, 1972, pp 193-197

AIR/FTD-HT-13-156-73

may 73

Kolovnev, I. F.

Methods for increasing strength characteristics of
heat-resistant and high-strength cast aluminum alloys.

10 pp.

SPLAVY TSVETNYKH METALLOV, 1972, pp 205-210

ATR/FIB-HT-23-0158-73

may 73

ROZELIN, G. I.

//SPLAVY TSEVETNYKH METALLOV//

--/--/1972, V-----, N-----,

Damping Properties of Light Alloys, 10 pp.

PP 215-219, FSTC-IT-23-1429-7398

Fridlyander, I. N.

Structure and properties of high-modulus alloys of
beryllium with aluminum. 9 pp.

SPLAVY TSVETNYKH METALLOV, 1972, pp. 230-234.

AIN/PTD/ET-23-159-73

May 73

DUTCH:

Spoornaar '75. Jan 69 Summaries of all articles
in publication.

DIA LN 491-73

(May 73)

Gliders Designed, Built for Export, by
Iosif Silimon, 7 pp.
ROMANIAN, per, Sport si Tehnica, Bucharest,
No 2, 1973, pp 4-5.
JPRS 58900

May 73

Operations During 1972 Baltica Naval Maneuvers
Described, by Westohal, 5 pp.
GERMAN, per, Sport und Technik, East Berlin,
Jan 73, pp 6-8.
JPRS 59098

May 73

Lelo, Veiz

Foreign Influences in Field of Sports Con-
demned, 6 pp.

SPORTI POPULLOR, Tirana, 27 Mar 73, pp 1, 2.

JPRS 59529

Aug 73

Kolitzus, J. J.

sports hall floors investigation procedures
and requirements.

SEKRITZETTENSUC UND LAEDERANLAGEN, Vol. 6,

n. 2, 1977, n. 228-240

NTC 73-11279-12M

Hand Artillery
SPORT UND TECHNIK, Vol. 15, No. 3, Page 7
~~FSTC-HT-23-265-72~~

Hangea, Nicolae

Data Given on Model Airplane, Rocket Activity,
5 pp.

SPORT SI TEHNICA, Bucharest, Apr 73, p 3.

JPRS 59924

Sep 73

Kloss, A. I.

Method of Manufacturing a Nonalloyed Cadmium
Electrode of an Alkali Storage Battery.

Sposob Izgotovleniya Beslanni'nogo Kadmiyego
Elektroda Shchelochnogo Akkumulyatora. Oct. 22,

1970 Moscow.

FSTC-HT-28-1176-72

ACSI K-1987

RUSSIAN

CSO: 8344/0811
30 October 1974

Manual on Supplying Electrical Power to
Industrial Enterprises, by A.A. Fedorov et al.

Moscow, Spravochnik po Elektrosnabzheniyu
Promyshlennikh Predpriyatiy, pp 72-73, 171-
191, 84-922, vol 1 & 2, 1973.

Special Type B

DO NOT PUBLISH

Single spaced draft (please include all
graphs)

THERMOELECTRIC HETEROGENEITY OF METALS AND AL
LOYS

BEYLIN, V., LEV LANGUAGE-RU COUNTRY-UR

SPLAVY TSVETNYKH METALLOV (K 70-L. SO DNYA RO
ZHU. A BOCHVAR) 72, 102-09

FSTC-HT-23-0436-74

Manual on Quarantined and Other Dangerous
Pests, Diseases and Weedy Plants

SPRAVOCHNIK PO KARANTINUM I DRUGIM OPASUM
VREBITEL'YAM, BOLEZNYAM I SORNM RASTENIYAM
1970, 326 pp

*NTIS-TT-74-52012

F. I. Belan

Handbook for chemists in power engineering.

SPRAVOCHNIK KHIMIKA-ENERGETIKA, 1972, 455 pp.

CE trans 6150

apr 73

RUSSIAN:

Spravochnik po klimatu SSSR - Yeter #9, 1966
All table headings and place names.

DIA LN 193-74

(Nov 73)

REQ TR CHECK 11-07-73 T017
HANDBOOK ON THE CLIMATE OF THE USSR
UNKNOWN
UR: SPRAVOCHNIK PO KLIMATU SSSR, NO. 3,
PART 5, 1968, pp. 1-212
From in
HT-23-0017-74

Iayunenko, S. A.

Handbook on climate of the USSR. 205 pp.
SPRAVOCHNIK PO KLIMATU SSSR, Vol 5, No 24, 1968,
pp 1-296
AIR/FTD-HT-23-26-73

may 73

Handbook on the Climate of the USSR (Karelian ASSR;
Leningrad, Novgorod, Pskov Oblast) SP. 177
СРЯВОЧНИК ПО КЛИМАТУ БССР. ЧАСТЬ 3. КАРЕЛЬСКАЯ
БССР. КОЛУМБОВСКАЯ, КОНОНОСКИНСКАЯ И ПИЛОНКАЯ
ОБЛАСТИ. ЧАСТЬ V. ОБЛАСТИ И А. А. СЕРГЕЕВ И В. А. ЯВЛЕНСКИЙ.
Leningrad. Gidrometeoizdat. 1968. pp.1-252

СРАВНЕНИЕ ПО ПЛОТНОСТИ ВЕР. ИЛИ 3. КАРТА БИТА
АВЕР. ПО ПЛОТНОСТИ ВЕР. ИЛИ 3. КАРТА БИТА
ОБЛАСТИ: ПАРТ. V. ОБЛАСТИ I А. ОБЛАСТИ YAVIYIYA.
Leningrad, Gidrometsizdat, 1968, pp.1-252
AIR/FTD-HT-23-17-74

Handbook for the Mechanical Engineer in the
Machine Construction Plant - Vol 1 --
Organization and Design Preparation of Repair 37 pp

SPRAVOCHNIK MEKHANIKA MASHINOSTROITEL'NOGO
ZAVODA ORGANIZATION I KONSTRUKTORSKYA PODGOTOVKA
RESKONTNYKH RABOT Vol 1 pp 126-147, 517-529
Mashinostroyeniye, Moscow 1971

ACSI K-3061

FSTC-HT-23-1585-72

Kotlyar, A. I.

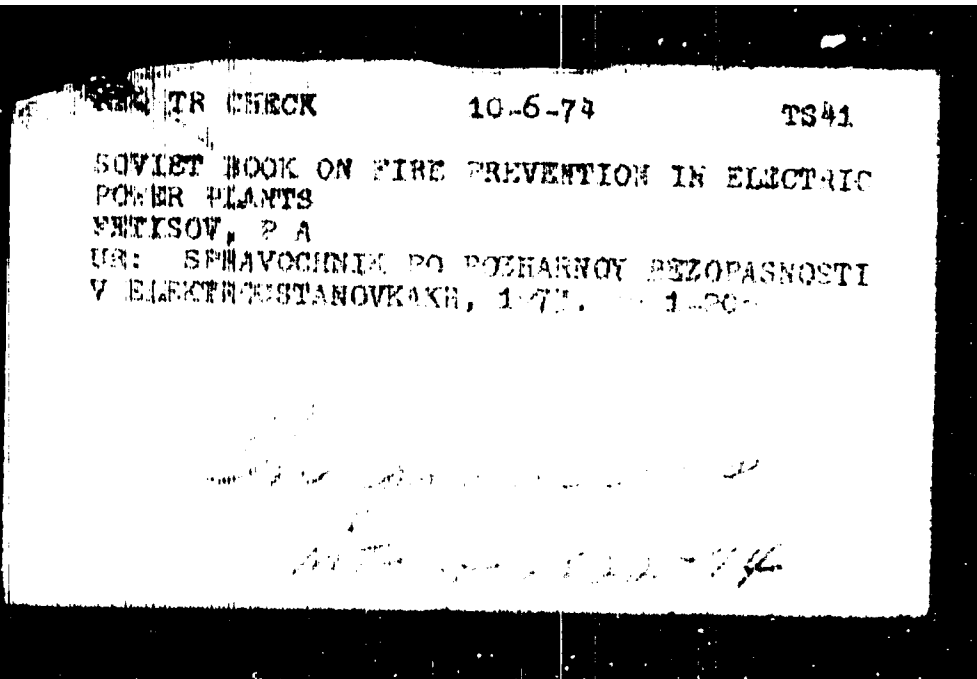
Handbook on Grant and Pension Regulations.
99 pp

SPRAVOCHNIK PO PENSIYAM I L'GOTAM DLYA
VOYENNOSLUZHASHCHIKH, Moscow, 1972, pp 13-16,
21-30, 33-69, 74-79, 85-88, 91-95, 98-102,
117-127, 184-195, 198-202, 203-205, 213-214,
217-226, 231-232, 243-246, 247-253, 258-262,
263-276, 316-318.

JPRS 59728

Handbook Describes Grant, Pension Regulations,
by A. I. Kotlyar, 17 pp.
RUSSIAN, bk, Spravochnik po Pensiyam i L'gotam Dlya
Voyennosluzhashchikh, Moscow, 1972, pp 1, 2, 3-12,
363-376.
JPRS 59079

May 73



REFERENCE MANUAL FOR THOSE ENTERING USSR HIGH
ER EDUCATIONAL INSTITUTIONS IN 1972 *772 pp*

GAL'STOV, S. S. LANGUAGE-RU COUNTRY-UR

SPRAVOCNIK DLYA POSTUPAYUSHCHIKH V VYSSHIYE
UCHEBNIYE ZAVEDENIYA SSSR V 1972 G

MOSCOW, VYSSHAYA SHKOLA, 1972, 336PP.

ARM/
FSTC-HT-23-0515-74

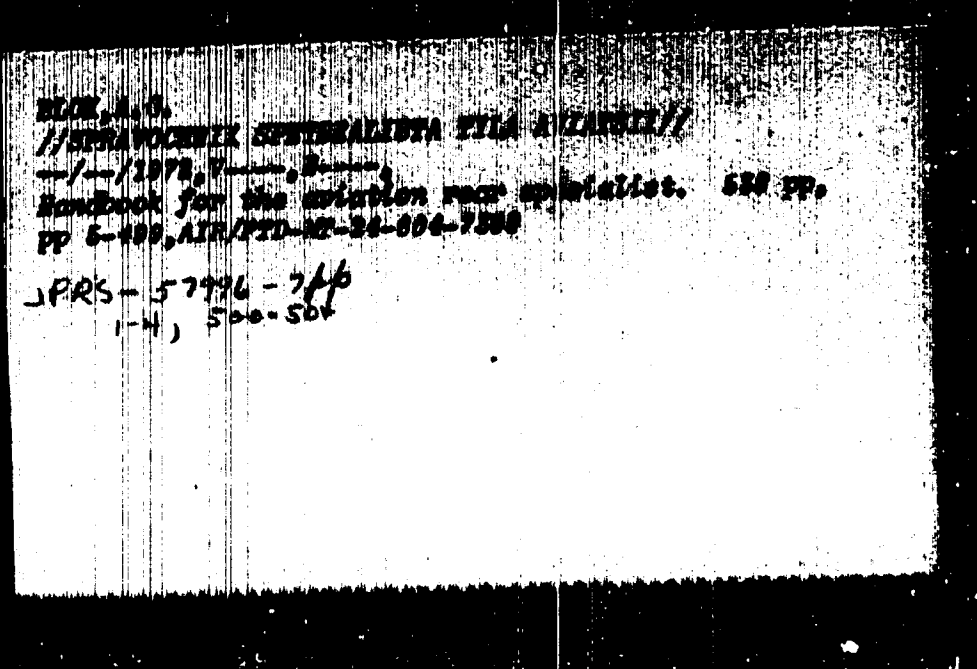
HANDBOOK ON MARCH RATES AND FUEL CONSUMPTION,
2ND ED. *cont. 136 Sept*

MAZAYEV, YU. I LANGUAGE-RU COUNTRY-UR

SPRAVOCNIK PO RASCHETU MARSHA I RASKHODA GUR
YUCHEGO, IZD. 2-E.

VOYENNOYE IZD. MIN. OBOZONY SSSR, MOSCOW, 197
0, 104 PP.

FSTC-HT-23-0583-74



Communication Cables.

248 pp

S APRAVOCHNIK STROITEL'YA KABEL'NYKH SOORUZHENIY
SVYAZI, 1968; KONSTRUKTIVNIYE I ELEKTRICHESKIYE
KHARAKTERISTIKI KABEL'NYKH SVYAZI, 1959; MEZHDIGORODNIYE
KABEL'NIYE LINII SVYAZI, 1965.
JPRS 60598

UNKNOWN

//SPRAVOCHNIK TEKHOLOGA RYBNOI
PROMYSHLENNOSTI//

--/--/1972, V0004, N----, pp 0001-0488

Handbook of the Technologist in the Fish
Processing Industry.

*NTIS-TT-75-50017,

##

Naumov, G.S.

Handbook on Thermodynamic Properties of Geological
Substances

SPRAVOCHNIK TERMODINAMICHESKIH VELICHIN
(DLIA GEOLOGOV) Moscow, 1971 239 pp

*NTIS-TT-23-53051

Handbook for Divers.

318 pp

SPRAVOCHNIK VODOLAZA, Moscow, 1973, 472 pp.

JPRS 60691

GORNOV, A. G.

//СПРАВОЧНИК ПО ЗАКОНОДАТЕЛЬСТВУ ДЕЙА ОФИЦЕРОВ
СОВЕТСКОЙ АРМИИ И ФЛОТА//

--/--/1970, V---, N---

Reference Book on Legislation for Officers of
the Soviet Army and Navy

Book, 928 pp, reported 20 June 1974

*Air Force: MDA-903-747-771480

7-Nov-74
Uncl (AD--778531) Effect of strain on the mechanical
properties of magnesium alloys alloyed with yttrium.
SVIDERSKAYA, Z.A.; DRESHKINA, A.A. 15 Apr 1974.
Translated by R.E. Zarza from pp 161-166 of Splevy
Tsvetnykh Metallov, 1972. 14p. NTIS \$3.00.

NSA

Polish Case for Indemnities From FRG Discussed,
by Stanislaw Cholewiak, 7 pp.
POLISH, per, Sprawy Miedzynarodowe, Warsaw,
No 1, Jan 73, pp 53-69.
JPRS 58692

Apr 73

Marzynski, Florian

Prospects of Polish-Yugoslav Economic
Cooperation Reviewed, 17 pp.

SPRAWY MIĘDZYKRAJOWE, Warsaw, No 4, Apr 74,
pp 74-86.

JPRS 62342

See 74

Rozalica, Wazimierz

Polish-Polgian Relations Reviewed, 7 pp.
SPRAWY MIĘDZYKRAJOWE, Warsaw, No 4, Apr 74,
nr 39-68.
JPRS 62389

See 74.

T. Chvatal

Gunned Material with a Phosphate Binder

SPRECHSAAL, Vol. 105, No. 7, pp. 286-290

1972

C. E. Trans. 6204

M. Valo

Study of the effect of the degree of fusion of
the zirconium enamels, with special consideration
of the crystalline phases present.

SPRECHSAAL FUER KERAMIK, GLAS, EMAIL-SILIKATE,

Vol 100, pp 614-645, 1967

NTC 72-15172-11B (on loan)

mar 73

Routschka, G.

Fluorine content of refractory clays and
fluorine emission during firing of fire-clay
products.

SPRECHSAAL FUER KERAMIK GLAS, EMAIL, SILIKATE,

v. 103, p. 901-906, 1970.

NTC 73-11072-11B

W. Nachtwey

Lining of rotary kilns - experiences with
the refrabond adhesion method.

SPRECHSAL FUER KERAMIK, GLAS, EMAIL, SILIKATE,
Vol 104, pp 892-897, 1971
NIC 72-15246-11B

mar 73

Boggum, P.

Cooling and insulation of Tank Blocks cast in a State
of Fusion

~~SPECIAL (FUER KERAMIK, GLAS, EMAIL, SILIKATE), v. 105,~~

~~1972, p. 517-529~~ ~~FIGS. omitted~~

NTC 73-11677-11B

Iskander, W. R.

Studies on the Apalling Resistance of basic Refractory
Bricks with Reference to now Destructive Testing of
Materials

SPRECHSAAL (FUER KERAMIK, GLAS, EMAIL, SILIKATE).

v. 109, n. 7, 1972, pp. 296-306

CSIRO-Trans-11115

NTC 73-12530-11B

Eschmann, Paul

Capability of Rolling Element Bearings; Chap.
3. Friction in Rolling Element Bearings.
SPRINGER-VERLAG, Berlin/Göttingen/Heidelberg,
1964, pp. 61-79.

NAVSHIPS TRANS 1308A
OFFICIAL USE ONLY

Eschmann, Paul

Capability of Rolling Element Bearings; Chap.
5. Regarding Operational Noise of Rolling E-
lement Bearings.

SPRINGER-VERLAG, Berlin/Gottingen/Heidelberg,
1964, pp. 98-131.

NAVSHIPS TRANS. 1308

OFFICIAL USE ONLY

GUBINSKIY, A. I.

The effect of various types of failures of a human operator on the effectiveness of his work. 9 pgs.

SR. INZH. PSYCHOLOGIYA V PRIBOROSTR. 1967,

pp 139-144.

AIR-FTD-HT-83-695-73

AVERAGE EFFICIENCY OF VARIOUS ESTIMATES IN THE
MONTE-CARLO METHOD

MAYDROV, L. ETAL LANGUAGE-RU COUNTRY-UR

SRAVNITEL'NAYA EFFEKTIVOST' RAZLICHNYKH ESTENOV
K V METODE MONTE-KARLO

PUBL: INSTITUT ATOMNOY ENERGII IMENI "I.V. KUR
CHATOV" MOSCOW 1969 100PP

ESTC-HI-23-1785-73

Fridland, V.M.

Comparative Genetic Characteristics of Soils
of North America, USSR and Western Europe.

Sravnitel'naya geneticheskaya kharakteris-
tika pochv Severnoi Ameriki, SSSR i Zapadnoi
Evropy. Izdatel'stvo Akademii Nauk, Moscow,
pp. 216-256, 1963.

*NTIS-TT-73-52023

KRASNOSELSKII, E.S.
//SREDNEAZIATSKOGO NAUCHNO-ISSLEDOVATELSKOGO
GIDROMETEOROLOGICHESKOGO INSTITUTA//
--/--/1966, V0027, N0042,
Methods of Observation and Certain Laws Underlying
Temperature Conditions of Snow Cover 16 pp
pp 60-70, NTIS-TT-71-510378#

Comments on Secondary Education in Current Five-
Year Plan, by A. S. Shuruyev, 6 pp.
RUSSIAN, per, Srednye Spetsial'noye Obrazovanie,
Moscow, No 2, Feb 1973, pp 2-4.
JPRS 58896

May 73

Savonyakas, I. I.

Students and Economic Accountability.

8 pp

SREDNEYE SPETSIAL'NOYE OPRAZOVANIYE, Moscow,

No 9, Sept 1973, pp 15-19.

JPRS 60912

Pashin, N. F.

Improvements in Agricultural Education Enumerated.

6 pp

SREINYE SPETSIAL'NOYE OBRAZOVANIYE, Moscow,

No 12, Dec 1973, pp 10-13.

JPRS 61151

BELOUS, B. P.
//SREDSTVA SVYAZI V ELEKTRICHESKIKH SETYAKH//
---/---/1968, V----, N----
Structure of electric power supply undertakings
pp 1-11 NTIS--TT-70-57219##