

Place of Nationalities in Soviet Literature Debated,  
by Yuriy Savvitsky, 28 pp.  
RUSSIAN, per, Literaturnoye Obozreniye, Moscow,  
No 2, Feb 1973, pp 60-70.  
JPRS 59084

June 73

Survtsev, Ya,

Book Analyzes New Historical Society of Soviet  
People.

8 pp

NOVYI MIR, Moscow, Sept 1973. pp 272-276,  
JFB 60991

SURROCK. J. P.

//CIA Report No CEA-N-1665//

--/--/1973, V----, N----

Dry out model in two phase flow

pp not given C. E. Trans 6510##

Sushoh, M. M.

Internal Accountability in Association Finance.

14 pp

FINANSY SSSR, Moscow, No 7, 1974, pp 42-49.

JPRS 62836

Sushchenko, I. V.

Questions of work hygiene in hydrometallurgy of copper,  
nickel and cobalt on a sulfide ore base.

GIGIENI TRUBI I PROFESSIONALNYI RIZOLEVANNI, Vol 10,

No 2, 1978, pp 42-46

HTC 72-14607-067

Sushchik, M.M.

On the Efficiency of Parametric Conversion  
in High Quality Optical Cavities 8 pp

IZV, VUZ, RADIOFIZIKA, Vol 16, No 10, 1973  
pp 1522-1529

CIA-X-7872

Sushkov, B.

'Geroy Panfilovtsy' Dry-Cargo Ship.

6 pp

MORSKOY FLOT, Moscow, No 11, Nov 1973, pp 42-45.

JPRS 60958

Sushon, S.

Utilization of Secondary Material Resources.

8 pp

Ekonomika Sovieckoy Ukrainy, Kiev, No 1, 1974,

pp 58-62.

JPRS 61711



Secondary Energy Resources May be Used in Ferrous  
Metallurgy, by S. P. Sushan, 9 pp.  
RUSSIAN, in, Problemy Energii, Moscow,  
No 3, 1973, pp 5-8.  
JPRS 59105

May 73

Erkki Susi

Nature, Development of People's Democrats  
Analyzed, by Erkki Susi, 28 pp.

FINNISH, rpt. Tiedonantaja, Helsinki, No 5,  
13 Jan 73, pp 6, 13; No 6, 16 Jan 73, pp 6, 16;  
No 7, 18 Jan 73, pp 6, 16; No 9, 23 Jan 73,  
pp 6, 16; No 10, 25 Jan 73, p 6; No 11,  
27 Jan 73, pp 6, 16.  
JPRS 50599

Apr 73

6-Jun-74

Uncl (AEC-tr--7534, pp 88-98) Decrease in the mammalian mortality from the intestinal syndrome by partial shielding of the hematogenic system or postradiation transplantation of hematogenic cells. SUSLIKOV, V.I. (Inst. of Biophysics, Moscow). May 1974. Translated from Radiobiologiya; 13: No. 6, 880-888(1973).

NSA

13-Aug-73

Uncl (AEC-tr--7430, pp 94-106) Decrease in the slope of the dose-survival curve of mammals after a change from instantaneous whole-body uniform irradiation to nonuniform, fractionated irradiation or to the effect under conditions of therapy with hemotogenic cells.

SUSLIKOV, V.I. (Inst. of Biophysics, Moscow).  
Translated from Radiobiologiya; 13: No. 1, 71-79(1973).

NSA

Suslikov, V. L.

Practical work in sanitary-hygiene inspection of  
water distributing systems

ОЖИЗНЕНА И САНИТАРНА v. 37, n. 9, 1972, pp. 89-90  
MC 73-21714-13

Guslov, A. D.

Cycle of a Theoretical Gas Refrigeration with Finite  
Dead Volumes

IZVESTIYA VUZOV. INZHENYERNOE ZHURNAL, MASHINOSTROENIYE,

N. 8, 1972, p. 8-85

NTC 73-11689-13A

Suslov, A. D.

Cycle of a theoretical gas refrigerator without dead volumes.

IZVESTIYA VISSHIKH UCHENNYKH ZAVEDENII. MASHINOSTROENIE.

No. 6, p. 85-90, 1972.

HTC 73-10609-131

may 73

SUSLOV, I. F.

//IZVESTIYA AKADEMII NAUK SSSR//

--/09/1974,V---,N0005, pp 0049-0056

also Oct 1974

Scientific-Technical Improvements in Agriculture

11 pp

JPRS 63760

#



Suslov, K.

Work of Mechanized Links in Kostromskaya Oblast  
Described.

5 pp

EKONOMIKA SEL'SKOGO KHOZAYSTVA, Moscow, No 10,  
1973. pp 65-68.

JPRS 60606

Suslov, M. A.

The Second RSDWP Congress and Its Universal-  
Historical Significance.

25 pp

KOMMUNIST, Moscow, No 11, July 1973, pp 6-24.

JPRS 60002

Suslov, V. I.

Methods for Determining Coefficients For Material  
Expenditures Analyzed.

II. pp

IZVESTIYA SIBIRSKOGO OTDELENIYA AKADEMII NAUK SSSR:  
SERIYA OBSHCHESTVENNYKH NAUK, Novosibirsk, No 6,  
1974, pp 65-72.

JPRS 62836

Comments on Traffic Safety in Leningrad, by  
N. Sulev, 5 pp.  
RUSSIAN, np. Leningradskaya Pravda, Leningrad,  
1 Apr 1973, p 2.  
JPRS 59823

June 73

5-Jul-73

Uncl (JPRS--59015, pp 66-72) Effect of  
radioprotectants on functional state of the vestibular  
analyzer. SUSLOVA, L.N.; EFIMOV, V.I.; KORNILOVA, L.N.;  
KUMETS, P.I.; LOSEV, A.A. 15 May 1973. Translated  
from Kosm. Biol. Med.; 7: No. 2, 45-48(1973).

NSA

Effect of Radioprotectants on Functional State  
of the Vestibular Analyzer, by L. N. Suslova,  
V. I. Yefimov, 7 pp.  
RUSSIAN, per, Kosmicheskaya Biologiya i Meditsina,  
Moscow, Vol 7, No 2, Mar-Apr 1973, pp 45-48.  
JPRS 59015

May 73

Susukida, H.

Study on the bond strength of explosion-  
bonded stainless clad steel.

METAL AND EXPLOSIVES. JAPAN, 1969, pp 25-  
38, n. 3.

NTC 73-12267-11F.

Susul, Jacek

Cardinal Kominek Comments on Church Administration, 5 pp.

TYGODNIK POWSZECHNY, Krakow, 26 Aug 73, p 1.

JPRS 60368

Nov 73



Susumu, K.

Soviet fighters: concepts and technical analysis. 17 pp.  
KOKU-FAN, No. 3, March 1973, pp. 60-65.  
AIR/FTD-HC-23-0405-73

DISTRIBUTION LIMITED TO U. S. GOV'T AGENCIES ONLY;  
COPYRIGHT INFORMATION; OTHER REQUESTED FOR THIS DOCUMENT  
MUST BE REFERRED TO FTD. THE CONTENTS OF THIS DOCUMENT  
ARE SUSPECTED TO BE SUBJECT TO COPYRIGHT PROTECTION.

Sutka, Stefan

International Significance of Czechoslovak  
Railroads, 9 pp.

ZHELEZNODOROZHNIY TRANSPORT, Moscow, No 1,  
Jan 74, pp 88-94.

JPRS 61399

Apr 74

SUTUGIN, A.

RU

A SIMPLE APPARATUS FOR MONODISPersed AEROSOL  
GENERATION

FIZIKA AERODISPERSNYKH SISTEM, VYPUSK 4, KIEV  
, 1971, PP. 33-7

FSTC-HT-23-1570-73

SUTUGIN, A. G.

RU

SIMPLE APPARATUS FOR GENERATION OF MONODISPER  
SED AEROSOLS

FIZ. AERODISPERS. SISTEM. MEZHVEDOM. NAUCH. S  
BOK.VYP. 4, 1971, 33-37

FSTC-HT-23-1742-73

Sutula, V. B.

Application of the method of correlation diagrams  
to  $O_2^{16}$  -  $O_2^{18}$  exchange through and  $O_2$  complex in oxides

RUSSIAN ACADEMY OF SCIENCES, PHYSICAL CHEMISTRY

V. 212, no. 6, 1973, pp. 1393-1395

CS

Sutulin, A. M.

America and the Common Market.

22 pp

USA: ECONOMICS, POLITICS, IDEOLOGY. Moscow,

No 8, Aug 1973, pp 9-24.

JPRS 60025

Sutulin, A. M.

Recommendations for U.S. Foreign Economic Policy.

5 pp

USA: ECONOMICS, POLITICS, IDEOLOGY, Moscow, No 9,

Sept 1973, pp 76-78.

JPRS 60287

Suvarov, D.G.

Electrical Characteristics of Fluid-Saturated  
Rocks in Variable Electric Fields.

AZERR. NEFT. KHOZ. V.52, 1972, No.8, pp.14-15.

A.T.S ROGB 1031



SUVOROV. A. L.

//STRUKTURA I SVOYSTVA MONOKRISTALLOV

TUGOPLAVKIKH METALLOV//

--/---/1973, V----, N----

Formation of field-ion images of distorted  
surfaces 14 pp

pp 63-74 AIR/FTD/HC-23-2448-74##

SUYOROV, A. L.

//СТРУКТУРА І СВІСТВА МОНОКРИСТАЛЛОВ ТУОП-  
ЛАВІКІ МЕТАЛЛОВ//

---/---/1973, V---, N0000,

Computer simulation of field ion images. Ideal  
crystals, 14 pp.

PP 74-85, AIR/FTD-EC-12-2400-74,

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY  
COPYRIGHT INFORMATION, OTHER REQUEST MUST BE  
REFERRED TO FTD64

Smirnov, G. A.

The functional state of the Hippocampus during prolonged impulses and stable notes.

GIGIENNA I SANITARIYA, Vol 37, No 6, 1972, pp 10-21  
NYC 72-13847-06P

Suvorov, K.

Communists Must Continue to Combat Forms of  
Trotskyism.

7 pp

PARTIYNAYA ZHIZN', Moscow, No 2, Feb 1974, pp  
76-70.

JPRS 61397

Suvorov, P. M.

Study of the Possibility of Use of Decompression  
of the Lower Body in Diagnosis of Body Predisposi-  
tion to a Syncope State.

6 pp

KOSMICHESKAYA BIOLOGIYA I AVIAKOSMICHESKAYA  
HEALTH, Moscow, Vol 8, No 3, 1974, pp 53-56.  
JPRS 62553

Suvorov, S. A.

Distribution of MgO in  $\text{MgO-Al}_2\text{O}_3\text{-ZrO}_2$  Systems.

AKADEMIYA NAUK SSSR. IZVESTIYA. NEORGANICHESKIE  
MATERIALY, v. 7, p. 659, 1971.

NTC 73-10823-07B

Savoreva, E.R.

Electrical Model of a Delta Wing. 7 pp.

RIZHSKIY INSTITUT INZHENEROV GRAZHDANSKOY AVIATSII.

VOPROSY ELEKTROMODELIROVANIYA AVIAKONSTRUKTSII.

Vol. 196, No. 1, 1971, pp. 30-35.

AIR/FTD /BT-23-0263-73

SUVOROVA, S. I.  
//LENINGRADSKAYA INZHEKHNICHESKAYA AKADEMIIYA.  
NAUCHNYE TRUDY//  
--/---/1971, V---, NO137,  
Formation and Dissolution of Cellulose Sodium  
Xanthate,  
RP 71-80, NTC 74-10859-11E88



Suvorova, V. V.

Some Problems of Predicting the Activity of Man  
in Extreme States.

11 pp

VOПРОСЫ ПСИХОЛОГИИ, Moscow, No 4, (July-Aug)

1973, pp 34-41.

JPRS 61146

Suvorova, V. V.

Some Problems of Prognosis of Human Activity  
Under Experimental Conditions.

9 PP

VOPROSY PSIKHOLOGII, Moscow, No 4, 1973. pp 34-41.

JPRS 61801

Buvotsev, N. N.

Synthesis and biochemical identification of the  
O-glucuronide serotonin

DOIJAN AVANDEI RUSU 2001, BIOCHEMISTRY, vol. 212,  
no. 1, 1973, pp. 295-295

CS

SUTSENKO, O. D.  
//DOKLADY AKADEMII NAUK SSSR, EARTH SCIENCE//  
--/--/1973, VOLUME 10, NO. 05,  
The Upper Proterozoic of Southeastern Mongolia,  
pp 1171-1173, AGES

Suykanskaya, N. V.

The use of organosilicon compounds as transparent  
thin films 5 pp

TRUDI II SOVESHCHANIYA PO KHIMII I PRAKTIЧЕСКОМУ

ПРИМЕНЕНИЮ КРЕМНИЯ - ОРГАНИЧЕСКИХ СОЕДИНЕНИЙ

Leningrad. 9-12 Dec 1969, Kremniyorganicheskiye  
Materialy, 1971, pp. 268-270

AIR/FTD-HT-23-942-74

Suyumbayev, A.

Kirgisiya's Unutilized Development Potentials Noted.

8 pp

PLANOVYE KHOZYAYSTVO, Moscow, No 8, 1974, pp 61-66.

JPRS 63072

"Submarines Versus Submarines", by N. I. Suzdalev,  
40 pp,  
RUSSIAN, bk, Military Publishing House, Ministry  
of Defense, 1968, 1968, Chapter 1, pp 45-87  
Dept of Navy NID Trans 3130

Sai-Hav  
Nov 70

Suzuki, A.

Measurements of Conditions of Solidification  
in Continuously-Cast Steel Billets.  
TETSU TO HAGANE, LECTURE SERIES, Vol. 56,  
No. 11, p. S427, 1970  
HB-8398

may 73



Suzuki, A.

A Simple Electrometer.

DENSHI SHASHIN, Vol.11, No.1, pp.53-5, 1972.

A.T.S JS-353

Suzuki, A.

A Simple Electrometer.

DENSHI SHASHIN, Vol.11, No.1, pp.53-55, 1972.

A.T.S JS-353

Suzuki, H.

On the dehydration reaction of Pyrolytic by Sulfur  
Dioxide.

RIKAGAKU KENKYUSHU TOKYO, Vol 22, 1945, pp 283-287  
NTC 72-12127-078

Suzuki, H.

Mechanical Properties of High-Strength WC-10%  
Co Cemented Carbides.

POWDER AND POWDER METALLURGY, Vol.16, 1969,  
No.2, pp.83-85.

HB 9164

Suzuki, H.

Particle Size of Tungsten Carbide in Sintered  
WC-VC-Co Alloys.  
POWDER AND POWDER METALLURGY (Japan), Vol. 19,  
1972, pp.106-112.  
HE 9036

Suzuki, H.

Effect of Titanium on the Behavior of Carbon  
in Alpha Iron.

TETSU TO HAGANE, Vol.59, 1973, No.10, pp.1400-  
1405.

HB 9160

RESEARCH ON POLYVINYL ALCOHOL ACTIVE SLUDGE D  
ISPOSAL

AUTHOR ----- SUZUKI I ET AL

IR NO 2253025273 ENCL 1 PP 54-55

FSTC-HT-23-0281-74

Suzuki, K.

V - Segregation in Steel Ingots. Part I - Effect of Gravity on V - Segregation in Steel Ingots.

TETSU TO HAGANE, vol. 48, 1972, No.4, Lecture 119 and 120, pp. S119 and S120.

HB 8966



Suzuki, K.

V - Segregation in Steel Ingots. Part II - Effect of Taper on V - Segregation in Steel Ingots.

TETSU TO HAGANE, vol. 58, 1972, No. 4, Lecture 119 and 120, pp. S119 and S120.

HB 8966

Suzuki, M.

Mechanics of creases. Report no. 10. Experiments with creep and stress relaxation of yarns.

KOBUNSHI KAGAKU, v. 17, n. 181, p. 289-294, 1960.

Figs., tables omitted.

CSIRO-Trans-11183.

NTC 73-11138-11E

Suzuki, M.

Fluid dispersion in a packed bed.

KAGAKU KOGAKU, v. 29, n. 4, p. 253-260, 1965.

CRL T. 5120

SUZUKI, S.

//DEMPUNO GIJUTSU KENKYU KAIHO//

--/--/1961, V---, NO023,

Recent advances in production of glucose by  
enzymatic amylolytic process, the quality and the  
sugar composition,

pp 52-62, NTC 74-11708-06A##

Suzuki, S. et al

Studies on the Polymerization of Acrylates. Pt.1  
Effect of Various Factors on the Polymerization.  
KAGAKU ZASSHI, Vol.57, No.9, pp.658-60, 1954.

JS-377, A.T.S

SUEUKI, T.

//BAPTYO IGAKI//

--/--/1963, W0005, W0008, p 0013-0018

Pulmonal-ventilatory capacity of school  
children in a city evaluated by wright's  
peak flow rate

HTC 74-12001-067

#

Sunaki, T.

Random thoughts on air pollution.

KUKE SEIJO, Vol 10, No 1, 1972, pp 76-81

HTC 72-14642-06P

Sanki, T. et al.

Quality Improvement of Continuously-Cast  
Aluminum-Filled Steel for cold Rolling.

ENTER TO HANDB, Vol. 59, 1973, No. 1, Loc. 18;

P. 890,

EB 9106



SVAJGL, O.

//CHEMICKY PRUMISE//

--/--/1971, V0021, N----

Determination of chlorine in petrol platforming

pp 103-106, NTC 74-11598-01A#

Somchen, I. K.

Influence of potassium ions on the action of  
glutamate of the cerebral cortex under conditions of  
tissue culture

DOKLADY AKADEMII NAUK SSSR, BIOLOGICAL SCIENCES, v. 211,  
no. 6, 1978, pp. 1460-1463

CS

Svatkova, T. G.

Hydrographic Interpretation of Photographs From  
Space.

6 pp

IZVESTIYA VUZ GEOLOGIYA I RAZVEDKA, Moscow, No 7,  
1973, pp 129-132.

JPRS 62383

Svatkova, T. G.

Hydrographic Interpretation of Orbital Photographs and  
the Possibility of Using them in Hydrological Mapping.  
GIDROGRAFIЧЕСКОЕ ОПИСЫВАНИЕ ОРБИТАЛЬНЫХ СНИМКОВ  
I ВОЗМОЖНОСТЬ ИСПОЛЬЗОВАНИЯ ИХ В ГИДРОЛОГИЧЕСКОМ КАР-  
ТОГРАФИРОВАНИИ, Feb. 12-17, 1973, 15 pp.  
8 NASA TT F 14,974

SVECHNIKOV, S.

RU

CHANGES OF THE PHOTOELECTRIC PROPERTIES OF CA  
DMICH SELENIDE EVAPORATED FILMS DU

UKRANIAN PHYS. ZH. (RUSS. ED.) 1972 17(1) PP  
106-9

FSTC-HT-23-1291-73

Svechnikov, V. N.

Effect of zirconium on the high-temperature  
hardness and strength of Fe-Cr alloys.

METALLOFIZIKA, n. 29, 1970, p. 94-99

VER VR/83/72

Sventsitskiy, A.

The Labor Collective and Social Psychology.

9 pp

KOMMUNIST ESTONII, Tallin, No 9, Sept 1973,

pp 80-86.

JPRS 60718

Sventsitskiy, A. L.

The 'Sociopsychological Climate' of the Primary  
Production Collective as an Object of Investi-  
gation.

9 pp

SOTSIAL'NAYA PSIKHOL'GIYA I SOTSIAL'NOYE  
PLANIROVANIYE, Leningrad, 1973, pp 20-28.

JPRS 61651



24-Oct-74

Uncl (AEC-tr--7571, pp 191-195) Investigation of  
certain questions of the radioprotective action of S-[N-  
(3-aminopropyl)-2-aminoethyl]-thiophosphoric acid.  
SVERDLOV, A.G.; GRACHEV, S.A.; BOGATYREV, A.V.;  
SHABAROVA, A.I.; BAGIYAN, G.A.; TIMOSHENKO, S.I. (Inst.  
of Nuclear Physics, Leningrad). Aug 1974. Translated  
from Radiobiologiya; 14: No. 2, 304-307(1974).

NSA

Sverdlov, A. Ya.

*A new method of preventing mollusc shells from fouling  
circulating-water systems in unit-type thermal power  
stations.*

ELEKTRICHESKIE STANTSII, Vol 41, No 8, Aug 1970,

pp 33-36

C.E. trans 5902D

Sverdlov, S.

Causes of Interruptions in Commissioning of  
Construction Projects.

6 pp

EKONOMIKA I ZHIZN', Tashkent, No 5, May 1973.

pp 66-69.

JPRS 59960

SVESHKOV, YU. V. et al  
//IZV. VOZ CHERN MET.//  
---/---/1979, V----, N0007  
Surface properties of Fe-Si melts  
pp 15-17 BISI 11879##

Bronikoy, Ya. V. et al

Surface properties of Fe-Si alloys.

IZV. VUZ, CHEM. MFT., 1973, No. 7, pp. 15-17.

\* RUS. 11879

SVESHNIKOV, A. A.

//VEROYATNOSTNIYE METODY V PRIKLADNOY TEORII  
GIROSKOPOV//

--/---/1974, V-----, N-----, pp 0472-0536

JPRS 63678

#

N.M. Sveshnikova

Nematode Diseases of Agricultural Plants, by  
N. M. Sveshnikova, Ed., 197 pp.

NEMATODYNE BOLEZNI SEL'SKHOHOZYAYSTVENNYKH RASTENII,  
Proceedings of the 6th All-Union Conference on Plant  
Nematology, 1967.

NTIS TT 71-50097

Mar 73

Svet, D. Ya.

Automatic Pyrometer for Measuring the True Temperature of Metals on the Basis of Radiation,  
7 pp

RUSSIAN, pp 339-343, no further information available.

JPRS 59661



Svetlichnyy, B.

The Great Destinies of Small Cities Noted.

5 pp

ARHITEKTURA SSSR, Moscow, No 5, 1974, pp 22-23.

JPRS 62513

9-Sep-74

Uncl (ANL-Trans--957) Nonlinear equations of motion  
for thin rods. SVETLITSKII, V.A.; BAUMANA, N.E.;  
LONOMAREVYN, S.D. Translated from Izv. Vyssh. Ucheb.  
Zaved., Mashinost.; No. 6, 12-15(1969). 7p. Dep.  
NTIS \$4.00.

13 engineering; translations  
MN-38 P NSA

SVETLITSKII, V.A.  
//IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII  
MASHINOSTROENIE//  
--/--/1969, V----, N0006,  
Nonlinear Equations of Motion for Thin Rods, 5 pp  
pp 12-15, AEC/AN/TRANS-957-7400

Svatlov, B. Ya.

Investigation into the effectiveness of an/tat  
slurries.

VERVORRE DELQ, 1966, p. 160-173, n. 60.

NTC 73-12379-19A

Svetlov, G. Ye.

Religion and Politics: Socioreligious Movements  
in Contemporary Japan.

3 PP

IZVESTIYA DAL'NEGO VOSTOKA, Moscow, No 2, 1974,

PP 151-163.

JPRS 62512

SVETLOV, M. P.  
//DOKLADY AKADEMII NAUK SSSR BIOLOGICAL  
SCIENCES//  
--/05/1974, V0216, N0002, pp 0430-0433  
Postreplicative repair of DNA in cells  
of uv-sensitive strains of escherichia  
coli B  
CB  
#

Svetlov, P. G.

The Significance of Exogenous Factors in Onset of  
Hereditary Disease and Developmental Defects in the  
Course of Ontogenesis.

8 pp

VESTNIK AKADEMII MEDITSINSKIKH NAUK SSSR, Moscow,

No 3, 1974, pp 74-80.

JPRS 62486

SWITZER, T. G.  
//PACIFIC//  
--/1971, 1972, 1973,  
Photographic Sales Separation Sales Contracting, 11 19.  
75 25-26, 1975-26 43-1197-1300



A.N. Svetovidov

Systematic position of *Euclichthys* (pisces,  
Gadiformes).

Zoologicheskii Zhurnal, vol. 48, No. 12, 1969,  
1824-1831.

\*NTIS-TT-73-50008

Apr 73

Svettson, N. P.

Feats, Tasks of Socialist Competition in Chemical  
Industry Discussed.

13 pp

KHIMICHESKAYA PROMYSHLENNOST', Moscow, Dec 1973,

No 12, pp 4-12.

JPRS 61093