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Structure of the Southeastern Margin of the
Caspian Depression, by N. Ya. Kunin and R. B.
Slapozhnikov, 9 pp.
RUSSIAN, per, Geotektonika, No 6, Nov.-Dec
1965, pp. 91-94.
JPRS 37041

USSR
Sci-ES/A
Sept 66

310,153

Tectonics of the Area of the Black Sea and
Sea of Azov, by D. K. Balavadze,
RUSSIAN, per. Geotektonika, No 4, Jul-Aug
1968, pp 70-82, Akademiya Nauk SSSR, Moscow.
ACIC-TC-1655

Sci/Ear Sci
Jan 76

Hermetically Sealed Machines and Apparatus
in Chemical Engineering, by N. P. Chernousov.
RUSSIAN, bk, Germoticheskije Khimiko-Tekhnol-
ogicheskie Mashiny i Apparaty, 1965, 352 pp.
NLL R. 39361

Sci-Engr

June 66

Architectural and Other Characteristics of Minsk
Described, by N. V. Kovalov, 6 pp.
RUSSIAN, per, Gorodskoye Khozaystvo Moskvy.
Moscow, No 12, 1971, pp 18-22.
JPRS 55262

Feb 72

Our Countrymen in the Battles on the Chalchyngol.
RUSSIAN, rpt, Geroi Khalkhin-Gola, 1966, pp 2-28.
DIA LN 1263-70

Aug 71

Heroic Sevastopol.
RUSSIAN, per, Geroicheskiy Sevastopol' from
Istoriicheskiy Zhurnal, Vol 10, 1966.
ACBI J-3257
ID 2204039567

USSR
Geography
Nov 67

343,995

REQ TR CHECK 30-11-7 TX71

DESIGNER OF THE LEGENDARY IL'S
ASTASHENKOV P
UR:GEROI SOVETSKOY RODINY , 1970, 120 pp

*In process as
MT-24-71-2088*

*Negative
7 Dec 71*

Theories of Aging, by I. V. Davydovskiy.
36 pp.
RUSSIAN, bk, Gerontologiya, 1966, pp. 49-78.
299-300.
JPRS 39438

USSR
Sci.-R&M
Jan 67

315,119

Use of the Model of a Contracting Sphere in
the Thermal Dissociation of Solids,
by Ya. Pysyak, 16 pp.
RUSSIAN, per. Geterogennyye Khimicheskiye
Reaktsii, 1970, pp 71-83.
ACSI-K-2621
FSTC-HT-23-2051-72

Sep 72

Heterogeneous Processes of Geochemical
Migration, by V. S. Golubev, A. A. Garibyants.
191 pp.
RUSSIAN, bk, Geterogennyye Protsessy Geokhimi-
cheskoi Migratsii, 1968.
CONSULTANTS BUREAU/PLENUM PRESS

sci/chemistry
jan 70

399,893

Abramovich, G. N.

Heterogeneous turbulent jets. approx 288 pp.
GETEROGENNYYE TURBULENTNYYE STRUI, 1972
PLENUM PRESS

aug 70

Stabilization of Polyethylene Terephthalate, by
S. S. Aleksandriiskii
RUSSIAN, mono, Geterotsepnye Volokna, 1967
NTC 71-16571-11E

mar 72

Synthesis of Some Diamines on Ruthenium Catal-
ysts, by B. I. Zhizdyuk, V. A. Malykh.
RUSSIAN, mono, Geterotsapnye Volokna, 1967,
pp 7-10.
NTC 69-15547-07C

NTC 72-11974-11E

Sci-Chem
Dec 69

398,429

S. S. Aleksandriiskii

Fiber-Forming Properties of Polyethylene
Terephthalate Ethylene 2,6-Naphthalene-
Dicarboxylates.
RUSSIAN, per, Geterotsepye Volokna, 1967,
pp 15-20
NIC 72-12646-11E

sept 72

Flexible Plates and Panels, by M. S. Kornishin,
F. S. Isanbayeva. 277 pp.
RUSSIAN, per,bk, Gibkiye Plastiny i Paneli, 1968,
pp 1-260.
AIR/FTD-HC-23-441-69

may 71

Fiftieth Anniversary of the Karadag Biological Station, by I. I. Puzanov, 5 pp.
RUSSIAN, per, Gidrobiologicheskiy Zhurnal,
Vol I, No 1, 1965, pp. 75-78.
JPRS 30469

USSR
Sci-Misc
Jun 65

281,507

Hydraulic Elements in Control Systems, by
I. E. Kravsov. 226 pp.
RUSSIAN, bk, Gidravlicheskkiye Elementy v Sistemakh
Upravleniya, 1967, pp 1-255.
ATR/FTD/IR-23-1179-68

sci/ mech engr
sept 69

393,064

*Influence of the inertia of lubricating fluid on the
load-carrying capacity of thrust slide bearings, by
A. S. Stolbovoy. 6 pp.
RUSSIAN, per, Gidravlicheskiye Mashiny, No 3, 1969,
pp 98-102.
AIR/PTD-INT-23-1226-71*

may 72

Hydraulic Drives of Aircraft, by T. M. Bashta.
734 pp. Part 1 of 2
RUSSIAN, bk, Gidravlicheskiye Privody Letatel'-
nykh Apparatov, 1967 , pp 1-352 e.p.
AIR/FTD/FT-24-462-68

sci/aeronautics
feb 70

401,143

Hydraulic Drives of Aircraft, by T. P. Bashta.
734 pp. Part 2 of 2
RUSSIAN, bk, Gidravlicheskiye Privody Ietatel'-
nykh Apparatov, 1967, pp 352-734 c.p.
AIR/AFD/AF-24-462-68

sci/aeronautics
feb 70

401,144

REQ TR CHECK .

22-5-25

TFG3

HYDRAULIC RESISTANCES

ALTSUL, A. D.

UR-GIDRAVLICHESKIYE SOPROTIVLENIYA, MOSCOW,

NEDRA, 1970, pp 1-216

*Process in as
MT72-24-1290*

*Negative
1 June 72*

Hydraulic, Technical and Economic Calculations
for Canals, by A. A. Uginchus.
RUSSIAN, bk, Gidravlicheskie i Tekhniko-Ekonom-
icheskie Raschety Kanalov, 1965, 274 pp.
NLL R 40088

Sci-Engr
Jul 66

307,535

Water Hammer and Surge Tanks, by G. V. Aronovich,
N. A. Kartvelishvili, 203 pp.
RUSSIAN, bk, Gidravlicheskiy Udar i Uravnitel'nye
Rezervuary, 1968.
NTIS TT 70-50025

Sci/Mech
Dec 70

Results of Field Investigations of
Velocities of Water Movement in
Cooling Reservoirs, by B. N. Gorobets.
RUSSIAN, per, Gidravlika i Gidrotekhnika,
No 3, 1966, pp 132-138
NTC 72-12098-20D

June 72

Section of Full Spread of a Turbulent Flow
with a Sudden Enlargement in the Channel, by
G. A. Lilitiskii.
RUSSIAN, per, Gidravlika i Hidrotehnika, No 3,
1967, pp 93-97.
NTC 71-14318-20D

Feb 72

Several Problems in Nonuniform
Seepage in the Slopes of Structures
With Variable Boundary Conditions,
by G. N. Kononenko.
RUSSIAN, per, Gidravlika i Gidrotekhnika,
No 6, 1968, pp 88-98
NTC 72-12097-13M

June 72

A. V. Tananyev

Hydraulics of Magnetohydrodynamic Machines. 282 pp.
RUSSIAN, Gidravlika Magnitogidrodinamicheskikh
Mashin, 1970, pp 1-271
AIR/FTD-MT-24-2001-71

dec 72

*Hydraulics and heat exchange in elements of power
equipment. 516 pp.*

*GIDRAVLIKA I TEPLOOBMEN V ELEMENTAKH ENERGETICHESKOGO
OBORUDOVANIYA, 1970, pp 1-343*

AIR/FTD-MT-24-309-72

mar 73

Hydraulics and its Applications on Aircraft, by
D. B. Nekrasov. 393 pp.
RUSSIAN, bk, Gidravlika i Yeye Primeneniya na
Letatel'nykh Apparatakh, 1967, pp 1-368.
ATR/FTD/PT-23-242-69

sci/median engr
apr 70

404,530

Hydro Elasticity of Shells, by Ye. N. Mnev and
A. K. Partsev. 470 pp.
RUSSIAN, book, Gidro Uprugost' Obolochek;
1970, pp 1-365.
AIR/FTD/MT-24-119-71

Dec 71

Thermoelastic Stresses in Multilayer
Plates and Bases, by Yu. A. Shevlyakov,
G. A. Fen'.
RUSSIAN, per, Gidraeromekhanika, No 2,
1965, pp 75-83.
AIR/FTD/HT-23-969-68

Sci-Phys
Apr 69

379,842

Parametric Resonance of a Tank With Fluid,
by K. N. Gopak, 5 pp.
RUSSIAN, per, Gidromekhanika, No 4,
1966, pp 56-60.
CIA/FDD X-6166

Sci - Phys
Apr 67
FOR OFFICIAL USE ONLY

322,021

Analysis of the Wave Drag of a Blunt Body of Revolution with a Conical Tail Section in Symmetric Hypersonic Flow, by Ye. R. Abramovskiy, V. A. Kovaleva.

RUSSIAN, per, Gidraeromekhanika, No 5, 1967, pp 23-31.
CIA X-6688

August 68

357,504

GIDROAEROMEKhanika, No 5, 1967, pp 32-37
NTC 69-11527-01A
CIA X-6689

The Theoretical Investigations of Separated Flows,
by Yu. A. Panov, A. I. Shvets. 13 pp.
RUSSIAN, per, Gidraaeromekhanika, No 7, 1968,
pp 18-26.
AIR/PTD/IN-23-1507-68

sci/physics
oct 69

395,372

On the Starting of Supersonic Nozzles With the
Aid of Cylindrical Diffusers, by V. Ye. Davidson,
J. A. Chukhalo. 5 pp.
RUSSIAN, per, Gidraeromekhanika, No 7, 1968,
pp 33-36.
AIR/FTD/HT-23-142-69

sci/ physics
oct 69

395,358

Methods of Analyzing Shock Wave-Boundary
Layer Interaction, by Iu. A. Panov,
A. I. Shvets.
RUSSIAN, per, Gidrosferomekhanika i Teoriya
Uprugosti, No 6, 1967, pp 8-16.
Dept of Navy APL/JHU T-2207

Sci-Phys
Jan 69

372,324

Nonstationary Flow Around a Deformable Surface (Plane
Problem), by P. Kij. Derkach.
RUSSIAN, par, Gidromekhanika i Teoriya Upruzh. No 6,
1967, pp 35-43.
CIA X-6736

NTC 69-11526-01A

Sept 68

367,070

Stability of Heated Lightweight-Core Sandwich
Plates in a Supersonic Gas Flow, by
Yo. A. Yefremov. 15 pp.
RUSSIAN, per, Gidraaeromekhanika i Teoriya
Uprugosti, No 6, 1967, pp 67-77.
AIR/ETD/IT-23-143-69

sci/median engr
dec 69

397,382

Stability of a Closed Toroidal Shell of Circular
Cross Section, by Yu. A. Fedosov.
RUSSIAN, per, Gidraeromekh i Teor Uprugosti, No 7,
1968, pp 94-100.
CIA X-6800

Nov 68

354,077

*The resistance of pyramidal bodies in the supersonic
flow, by V. V. Kravets. 9 pp.
RUSSIAN, per, Gidraeromekhanika i Teoriya Uprugosti
No 9, 1968, pp 7-13.
AIR/FTD-HT-23-1247-71*

apr 72

Ya. A. Kumohenko

*Nonstationary heat and mass transfer in a stationary
binary gas mixture. 5 pp.
RUSSIAN, Gidraeromekhanika i teoriya uprugosti, No 9,
1968, pp 68-70
AIR/FTD-MT-24-2048-71*

sept 72

Reduction in Flutter Instability of
an Elastic Beam With the Rigid
Empennage in Supersonic Flow, by
I. T. Selezov. 9 pp.
RUSSIAN, per, Gidraeromekhanika i
Teoriya Uprugosti, No 9, 1970,
pp 29-34
AIR/FTD-MT-24-97-71

Feb 72

Underwater Sound and the Ship, by
A. I. Prostakov.
RUSSIAN, bk, Gidroakustika i korabl', 1967.
Dept of Navy NIC No 2674

NAV/STIC/OR-23-1-69

Sci/Nav
Oct 68

366,839

Growth Rate and Production Potential of Fish
Population, by V. N. Gress.
RUSSIAN, per, Gidrobiologicheskii Zhurnal, Vol
I, No 2, 1965, pp 35-42.
Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

USSR
Econ
Oct 67

343,168

Intraspecific Variability in Respect to
Oxyphilia Among Freshwater Fishes, by G.L. S
Shkibratov.
RUSSIAN, per, Gidrobiol. Zh. Vol. 1, No. 5, 1965
pp 3-8
NRSC-5775

Sci -
Aug 67

337-112

On the Radiosensitivity of the Spawn of
Scorpaena porcus L. and Sargus annularis L.
(The Effect of Sr⁹⁰ and Yt⁹⁰), by G. G.
Polikarpov, N. V. Gamszo.
RUSSIAN, per. Gidrobiol Zh. Vol. 2, No 5, 1966,
pp 66-70.
NIL Ref: 9091.9F (Windscale Trans 339)

Sci-B and M
Aug 68

362,053

Basic Goals of Hydrobiology and Ichthyology in
the Current Five-Year Plan Defined, by G. V.
Nikol'skiy, 6 pp.

RUSSIAN, per, Gidrobiologicheskiy Zhurnal, Vol
2 11, No 6, 1966, pp. 6-10.
JPRS 40016

USSR
Sci-B&I
Mar 67

319,386

New Data on the Ecology of the Cephalopod
Symplectoteuthis Oualiensis from the Gulf of
Aden, and the Prospects for Economic Exploita-
tion of Stocks of the Cephalopod, by G.V. Zuev.
RUSSIAN, per, Gidrobiologicheskii Zhurnal,
Vol 3, No 1, 1967, pp 40-46.
NLL Ref: 6113.199 (121a)

Sci-EBM
July 68

360,808

Quantitative Content of Phenol-Destructive
Bacteria in the Desna River Water in Connection
with Its Contamination by Phenols, by
D.Z. Gak, 5 pp.
RUSSIAN, journal, Gidrobiologicheskii
Zhurnal, Kiev, No. 2, 1967, pp. 58-61.
JPRS 44,961

Sci-Bio. and Med.Sci
April 68

355,473

Problems of Ocean Productivity, by V. G.
Bogorov.
RUSSIAN, per, Gidrobiologicheskiy Zhurnal,
Vol 3, No 5, 1967, pp 12-21.
*Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

USSR
Ecom
Dec 67

Geographical Bases of Prospects for Fishing
in the World Oceans, by T. S. Rass.
RUSSIAN, per, Gidrobiologicheskii Zhurnal,
Vol 3, No 5, 1967, pp 22-31.

*Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

Sci-R&N
Dec 67

Seasonal Changes of Chemical Composition
of the Black Sea, by S. A. Geromosova.

RUSSIAN, per, Gidrobiologicheskyy Zh,
No 3, 1968, pp 72-75.

*Dept of Interior
Bureau of Commercial Fisheries
Branch of Foreign Fisheries

CFSTI TT 68-50483

Sci-Ear Sci
Mar 69

Characteristics of Nitrogen and
Phosphorus Nutrition of Aphanizomenon
Flos-aquae Under Natural Conditions,
by V. P. Pomiluiko.
RUSSIAN, per, Gidrobiologicheskii Zhurnal.
Kiev, Vol 4, No 4, 1968, pp 18-22
NTC 72-12235-06C

July 72

Peculiarities of Nitrogen and Phosphorus
Nutrition of Aphenizomenon Flos-aquae
(L.) Ralfs Under Natural Conditions, by
V. P. Pomiluykov.

RUSSIAN, per, Gidrobiologicheskyy Zh.,
No 4, 1968, pp 22-48.

*Dept of Interior
Bureau of Commercial Fisheries
Branch of Foreign Fisheries

Sci-B&M
Mar69

On the Results of Miside Transplantation
from the Don to Kutuluksky Reservoir,
by S. M. Lyakhov, L. N. Krylova.
RUSSIAN, per, Gidrobiologichesky Zh.
No 4, 1968, pp 39-40.

*Dept of Interior
Bureau of Commercial Fisheries
Branch of Foreign Fisheries

Sci-B&M
Mar 69

Investigation of Production Process on Models
of the Simplest Populations of Water Animals,
by V. V. Menshutkin, T. I. Prikhod'ko. 9 pp.
RUSSIAN, per, Gidrobiol Zhurnal, Vol 4, No 6,
1968, pp 3-11.

Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
A-29-June 1969-No 156
On Loan

CFSTI T69-59018

Sci-B&M
Nov 69

396,824

On the Accuracy of Determining the Production of
Chronomids by the Method of Summing Their Daily
Growth Increments, by A. S. Konstantinov,
S. P. Nechvalenko, 10 pp.
RUSSIAN, per, Gidrobiologicheskii Zhurnal, Vol 4,
No 6, 1968, pp 77-82.

Dept of Interior
BCF/OFF
A-36--Feb 1970-No 65
On Loan

Sci/BQM
May 70

Gidrobiologicheskii Zhurnal, 1969 - 1971.

Cover-to-Cover by Scripta Technica, Inc.

Available at Ly Serials

Mar 73

Some Results of Work in the Field of Space
Hydrobiology at Dnepropetrovsk University
(1961-1970), by L. M. Antsyshkina,
N. S. Kirilenko, 9 pp.
RUSSIAN, per, Gidrobiologicheskij Zhurnal,
Kiev, No 5, Nov-Dec 1971, pp 123-127.
JFRS 55284

Mar72

Gidrobiologicheskii Zhurnal, Vol 8, No 1, 1972.

Cover-to-Cover by Scripta Publishing Corp.

Available at Ly Serials

Apr 73

Some Hydrodynamic Indices of the Body Shape of
Pinnipeds, by Yu. Ye. Mordvinov, 6 pp.
USSR, per. Hydrobiologicheskii Zhurnal, Nov.
no 3, 1972, pp 101-106.
JPRS 57743

Dec 72

REQ TR CHECK

7-2-8

TBI5

THE INVARIANT GROUP METHOD IN BOUNDARY VALUE
PROBLEMS IN THE PLANETARY DYNAMICS OF THE
ATMOSPHERE

YEFIMOV V A

UR: GIDRODINAMICHESKIYE ISSLEDOVANIYA
TSIRKULATSII ATMOSFERY, 1970, pp 147-154.

Process in as
HC72-23-1335

Negative
8 Mar 72

V. B. Amfilokhiyev

Turbulent flows with elastic boundaries. 13 pp
RUSSIAN, Gidrodinamicheskiye voprosy bioniki, No 3, 1969,
pp 46-53
NASA TT F 14,601

sept 72

REQ TR CHECK 1 10-03-07 TCR4

THE FORMATION OF WAVES BY WIND ON DEEP AND
SHALLOW WATER
BREDSHNAYDER K L
UR: GIDRODINAMIKA BEREGOVY ZONY I
ESTUARIYEV, LENINGRAD, 1970, pp 7-66

Process in as

HC72-23-1370

Repetitive

16 MAR 1972

Linear Problems in the Hydrodynamic Study of a
Wing Flying Above the Interface Between Fluids
of Different Densities, by A. N. Panchenkov.
RUSSIAN, per, Gidrodinamika Bol'shikh Skorostey,
No 1, 1965, pp 7-20.
Dept of Navy APL/JHU CIB-3 T-597

Sci-Phys
Jan 70

398,985

Hydromechanical Properties of an Isolated Wing
Moving Above a Ground-plate, by
S. V. Koval'chuk, I. P. Tkachenko.
RUSSIAN, per, Gidrodinamika Bol'shikh Skor-
ostay, No 1, 1965, pp 119-127.
Dept of Navy APL/JHU T-2322

Sci-Phys
Nov 69

395,740

Lifting Surface in Transonic Gas Flow, by
A. N. Panchenkov, 15 pp.
RUSSIAN, per, AN UkrSSR, Gidrodinamika
Bol'shikh Skorostey, No 3, 1967, pp 7-20.
AIR/FTD/MT-24-25-68

Sci-Phys
Jan 69

370,774

High-Velocity Hydrodynamics, No 4, by
I. L. Rozovskiy. 158 pp.
RUSSIAN, bk, Gidrodinamika Bol'shikh
Skorostey, 1968.
NAS/NASA/TT F-577 69

Sci-Phys
June 69

384,556

The Criterion of Technical Stability of Motion
of a Wing Near the Interface of Two Media, by
A. N. Golubentsev, A. P. Akimenko, 8 pp.
RUSSIAN, per, AN UkrSSR. Gidrodinamika Bol'shikh
Skorostey, No 4, 1968, pp 69-76.
ATR/FTD/HT-23-517-69

Sci/Aero
May 70

The Problem of Wing Flutter Near a Deflector,
by V. N. Buyvol, V. A. Ryabokon'. 12 pp.
RUSSIAN, per, AN USSR. Gidrodinamika Bol'shih
Skorostey, No 5, 1968, pp 35-44.
AIR/FTD/HT-23-375-69

sci/aeronautics
feb 70

402,777

Influence of the Shpas of an Airfoil Section
Near a Ground Plate, by A. G. Kharchenko.
RUSSIAN, per, Gidrodinamika Bol'shikh Skor,
No 5, 1968, pp 111-126.
Dept of Navy APL/JHU T-2314

Sci-Phys
Oct 69

393,335

Hydroaerodynamic Properties of a High-aspect-
ratio Wing Near a Ground Plane at Finite
Angles of Attack, by V. I. Koshevoy.
RUSSIAN, per, Gidrodinamika Bol'shikh Skor-
ostey, No 5, 1968, pp 127-131.
Dept of Navy APL/JHU T-2323

Sci-Phys
Nvo 69

395,741

HYDRODYNAMICS OF HIGH SPEED SHIPS

YEGOROV, I. T. LANGUAGE-RU COUNTRY-UR

GIDRODINAMIKA BYSTROKHODNYKH SUDOV

LENINGRAD'S SUDOSTROYENIYE, 1971, 2ND ED. PP35
3-421 (CHAP. IV THRU BIBLIO

FSTC-HT-23-2547-72

Aerohydrodynamic Characteristics of
Hydrofoils, by I. T. Yegorov, 32 pp.
RUSSIAN, bk, Gidrodinamika Bystrokhodnykh
Sudov, Second Edition, pp 397-421.
JPRS 54935

Feb 72

Hydrodynamics of free-boundary flows, by
G. V. Logvinovich. 200 pp.
RUSSIAN, bk, Gidrodinamika techeniso svobodnymi
Granitsami, 1969, p
NASA TT F 658
NTIS TT-70-50187

apr 72

Spectrum of the Correlation Functions of
a Turbulent Flow Near a Rough Wall, by
V. C. Nishchuk.

RUSSIAN, bk, Gidrodinamika Vol'shikh
Skorostey, No 5, 1968, pp 143-147.

*NASA TT F-12,130

Sci-Phys
Feb 69

Energy Method for Studying the Transition
from Laminar to Turbulent Flow, by
A. N. Shabrin.
RUSSIAN, bk, Gidrodinamika Vol'shikh
Skorostey, No 5, 1968, pp 165-171.
*NASA TT F-12,129

Sci-Energy Con
Feb 69

Hydrodynamics of MHD Devices Employing Liquid
Metals, by O. A. Lisyalauskis. 123 pp.
RUSSIAN, rpt, Gidrodinamika Zhidkometallicheski
MHD-Ustroystv, 1967, pp 1-196.
AIR/PTD/IFI-23-106-69

sci/rechan engr
mar 70

402,811

RUSSIAN *Comp. M*
14 pp
CSO: 01448/73 W
30 Jun 73 SF

Hydroelectric power stations, by P. F. Gubina, et al.
Moscow, *Gidroelektricheskie stantsii*, 1972. pp 502-
504, plus un-numbered pages.

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Spec type B
Do not publish
'Translator' draft plus two copies please.

Waterpower Resources of USSR, by
A. B. Avakian, et al.
RUSSIAN, bk, Gidroenergeticheskie Resursy
SSSR, 1967
*CFSTI TT 70-50069

Sci/ear sci
Feb 70

402,448

Hydroids and Hydromedusae of the USSR, by
D. V. Naumov. 660 pp.
RUSSIAN, bk, Glidrolidy i Glidromeduzy Morskikh,
Solonovatovodnykh i Presnovodnykh Basseinov SSR,
1960, 1969.
CFSTI TT 69-55055

sci/ b and m
sept 69

389,823

G. S. Konovalov

Rare and Dispersed Elements (Microelements)
in the Water and in the Suspended Substances
in Rivers of the European Territory of USSR.
RUSSIAN, per, Gidrokhimicheskie Materialy,
Vol 42, 1966, pp 94-111
NTC 72--12847-08H

sept 72

Determination of Formic Acid in Surface Water,
by A. G. Stradomekaya.
RUSSIAN, per, Gidrokhimicheskie Materialy, Vol
43, 1967, pp 57-61.
CEGB-5516

June 71

Logging Construction of New Facilities in the
Paper and Pulp Industry, 5 pp.
RUSSIAN, per, Gidroliznaya i Lesokhimicheskaya
Przemyslennost', No 1, Jan 1965, pp. 1-2.
JPRS 30480

USSR
Econ
Jan 65

281,541

Thermo-Mechanical Method of Converting Cellulose
into a Readily Hydrolyzable State, by

A. V. Krupnova & V. I. Sharkov.

RUSSIAN, per, Gidroliznaya i Lesokhimicheskaya

Promyshlenost. Vol 16, No 3, pp 8-10.

ACSI J-4460

ID 2204008968

Sci/Mech
June 68

358,294

The Yield of Products From Gasification of Coniferous
Species Bark, by V. A. Lyamin, 9 pp.

RUSSIAN, per, Gidroliznaya i Lesotekhnicheskaya
Promyshlennost, No 3, 1965, pp 13-14.

NTIS TT 70-57095

Aug 71

Production of a Thinner Derived from Soluble
Beech Tar, by I. V. Duran.
RUSSIAN, per, Gedrolizm i Lesokhim Prom, Vol 18,
No 4, 1965, pp 18-19.
ATS RJ-5236

Sci-Chem
July 69

385,775

1966 Goals of the Hydrolysis and Wood Chemicals Industry, 5 pp.
RUSSIAN, per, Gidroliznaya i Lesokhimicheskaya, No 1, Jan 1966.
JPRS 35148

USSR
Econ
May 66

299,896

The Chemical Composition of Soluble Tars
of Various Origin, by L. V. Kromina
RUSSIAN, per, Gidroliznaia i Lesokhimi-
cheskaia Promyshlennost' Vol. 18, no. 7
1966, pp. 9-12.

*CFSTI TR 70-57096

Sci/chem
Mar 70

Distillation of Wood Tars and Their Products,
Report No 4, Calculation of Curves of One-Stage
Evaporation of Wood Tars, by A. N. Bagaev.
RUSSIAN, par, Gidrolizn, i legokhim. promysh.
Vol 19, No 5, 1966, pp 13-15.
NLL Ref: RTS 3830

Sci/Chem
Feb 68

349,678

The Chemical Composition of Soluble Tars
from Gasification of Spruce Bark, by
L. V. Kromina
RUSSIAN, per, Gidroliznaia i Lesokhimi-
cheskaia Promyshlennost', Vol. 19
no. 6, 1966, pp. 9-11.
CFSTI TT 70-57097

Sci/chem
Mar 70

Balyayev, V. D.

The hydrolysis industry in the new stage of development.

8 pp.

GIDROLIZNAYA I LESOKHIMICHESKAYA PROMYSHLENNOST', No 4,

1967, pp 1-3

JPRS 42,136

sept 67

Dynamics of Formation of Various Impurities During the Hydrolysis of Plant Materials, by I. I. Korolkov.
RUSSIAN, per, Gidroliznaya i Lesokhimicheskaya Promyshlennost,
Vol 20, No 6, 1967, pp 8-10.
NTC 72-10031-07A

Apr 72

Outlook for Chemical Industries Outlined, 8 pp.
RUSSIAN, per, Gidrolinaya i Isokhimicheskaya
Promyshlennost', Moscow, No 2, 1971, pp 1-3.
JPRS 52946

USSR
Econ
May 71

Soviet Microbiological Industry Analyzed, by
V. D. Balyayev, 8 pp.
RUSSIAN, par, Gidroliznyy i Lechkhimicheskiy
Prmyshlennost', Moscow, No 3, 1971, pp 3-4.
JPRS 50004

Nov 71

Influence of Temperature on Liquid-Vapour
Equilibrium in the System Ethanol-Water-Parfural,
by S. E. Kharin.

RUSSIAN, per, Gidroliznaya i Lesokhimicheskaya
Promyshlennost, No 3, 1971, pp 10-11.

NTC 72-14470-07D

NLL-RIS-6681

Jan 73

Recovery of Furfural From Maize Cob Heart in
the Presence of Superphosphate, by A. M. Mazur.

RUSSIAN, per, Gidroliznaya i Lesokhimicheskaya
Proryshlennost, No 3, 1971, pp 20-22.

NLI RPS-6682

NTC 72-14485-07A

Jan 73