

159
The results may become better, by

A. Shlayon, 16 pp.

RUSLAN, per. orakoy Plot, no 11, 1965,
pp 9-10.

DIA LG 779-63

sci/disc

Oct 68

300,752

28
Identification of Meteorological Objects from
Reflected Laser Signals, by A. M. Dabotov,
V. I. Shlaykhov, 3 pp.
MOSKVA, per. Prud. Tsentral'noy Aerologicheskoy
Laboratorii, Moscow, no 24, 1967, pp. A-100.
JPRS 50172

doi-11ec
Apr 70

V. I. Shlaykhov
406.155

117
Method of Moments in the Problem of Hypersonic
Rarefied Gas Flow Past Bodies, by Yu. Shlezha,
18 pp.

RUSSIAN, per, Leningrad. Universitet.

Vestnik, Seriya Matematiki, Mekhaniki i

Astronomii, No. 3, 1966, pp. 101-112.

2100006168

17-47-23-7.3-67

Self-Physics

July 67

351,549

70
Asymptotic Behavior of Mass, Momentum, and
Energy Fluxes on a Semi-Infinite Plate at
Large Mach Numbers, by Yu. Shlesha.
RUSSIAN, per, Vestnik Leningradskogo
Universiteta Matematika i Mekhanika Astronomiya,
Vol 23, No 1, 1968, pp 120-131.
NASA TT F-11,865

Sci
Dec 60

371,146

The Cavitation Rate of the Central Scientific
Research, Planning and Design Boiler and Turbine
Institute, by G. S. Korzo, K. T. Shlemenzon.
12 pp.

U.S.S.R., for, 1965, Lenin Prize, Central'nyy
Nauchno-Issledovatel'skiy i Proektirovatskiy
Instituts' Mashinostroyeniya, Institut, No 61, 1965,
p. 124-135.

12 / 12 / 1-24-47-66

Sci/Eng / cover

July 69

384,223

K.T. Shlemenzon

Central Consumers' Union Outlines Measures
for Its Cooperatives, by I. Fridman and
V. Shlemin, 6 pp.
RUSSIAN, op. Sovetskaya Ispravila, 10 June,
1965, p.2
JPRS 31431

USSR
Econ
Aug 65

V. Shlemin

286,722

6
Rural Trade to be Developed, by V. Shlezin,
7 pp.
RUSSIAN, per, Sovetskaya Torgovlya, 30 May
1968, p 1.
JPRS 45859

V. Shlezin
USSR
Econ
Sept 68

62,532

Scientific Organization of Labor at the
Sverdlovsk Instrument Plant, by M. A.

Shleyovich, 7 pp.

RUSSIAN, per. Mashinostroitel', No 7, Jul 1966,
pp. 42-43.

JPRS 39275

USSR

Soc

Mar 67

319,331

Tape Recorders in 1966, by V. Slinkov and R.
Shleyanov, 1 pp.
RUSSIAN, per, Radio, No 5, 1966, pp. 42-43. 6
JPRS 30511

Shleyanov, R.

UGER
Econ
Aug 66

313,167

Tape Recorders for 1957, by E. Shlayner, v. 51
Glikov and L. Kovalovskaya, 7 pp.
RUSSIAN, per, Radio, No 9, Sept 1957, pp 18-19.
JPM 43022

Shlayner E.
Sci-Methods and Equipment
Nov 67

34,137

SHEFZINGER, M.

RU

SOLUTION OF THE PROBLEM OF RECOGNIZING STANDARDS
IMAGES WITH ALLOWANCE FOR SPATIAL

RASPOZNAVANIYE OBRAZOV, NAUKOVA DYMKA, NO. 3,
1969, PP. 145-157

FSTC-HT-23-0980-73

Relationship between being Trained and Self-Training
in Recognition of Images, by P. I. Shlezinger.
POSSIA, ser, Kibernetika, No 2, 1968, pp 81-88.
170-5-315

P. I. Shlezinger

Jan 69

574,335

79
Setting up standards for Correlation Reading
Machines, by M. I. Shlezinger, L. A. Svyatogor,
17 pp.

RUSSIAN, bk. Vsesoyuznaya Konferentsiya po
Informatsionno-Poiskovym Sistemam i Avto
Obrabotke Nauchno Tekh Informatsii, 30, Moscow,
1966, pp 129-139.

AIR/ITD/AT-24-257-69

Doc. 2. Shlezinger

Sci/Elec

May 70

60
On Spontaneous Distinguishing of Patterns,
by M. I. Shlezinger, 11 pp.

RUSSIAN, per, AN U.S.S.R. Chitrenskaya
Artemiy i Raspoznavaniye Obrazov, Sankt-
Peterburg, 1955, pp 33-45. P100163458
710-47-23-801-67

M. I. Shlezinger
Sci/Tech
Aug. 69

363,153

Latvian Industry to Exploit Fishery Resources,
by B. Shlimovich, 5 pp.

RUSSIAN, per, Sovetskaya Latvya, 12 Oct 1967,
p. 2.

JPRS 43180

Shlimovich B.

USFB-Latvia

Room

Box 67

344,169

82
Attenuation of Radiation from Artificial
Earth Satellites in Above-Surface Trajector-
ies, by Sh. G. Shilovskiy, 11 pp.
RUSSIAN, per, Cosmagnetism i Aeronautika, Vol
V, No 6, Nov-Dec 1965, pp. 1061-1067.
JPRS 37350

G. Shilovskiy

USSR
Sci-Aero
Sept 66

310,974

A. SHLIYENKOV

Shortage of Neckties Invites Black Market Activity,
by A. Shliyenkov, 5 pp.

RUSSIAN, np, Komsomol'skaya Pravda, Moscow, 18 Jan
1973, p 2.

JPRS 58461

Mar 73

Foreign Minister Foresees Two-State Commonwealth, ²⁰
by Avraham Shlonsky, Dov Bar-Nir, 38 pp.
HEBREW, np. Al Hareishmar, Tel Aviv, 31 Jan 1969.
p 3; 3 Feb 1969. pp 4, 5.
JPRS 47502

NE-ISRAEL
vol
Mar 69

Avraham Shlonsky

374,909

40
Structure of Fields of Meteorological Elements
in a Cumulonimbus Zone, by S. M. Shuster, 117 pp.
RUSSIAN, per. Trudy Glavna Gidrometeorologicheskoy Sluzhby P. S. S. S. R. Ministrov,
No 88, 1969.
CPRTI TT 70-50020

S. M. Shuster

Sci/Atmos
Oct 70

64
Conditional Reflexes, and the Functional
and Morphological State of Cortical Neurons When
Exposed to Superhigh Frequency Electromagnetic
Fields, by N. I. Lakotova, T. A. Shlyuter, 9 pp.
RUSSIAN, per. Zhurnal Vysshey Nervnoy Degradatsii-
nosti i ment. i. Moscow, No 6, 1968,
pp 973-978.
J RS 67:30

T. A. Shlyuter

Sci-B and
May 69

301,508

75
Prospects Involved in the Utilization of
Cybernetic Achievements in the Operation of
Legal Establishments, by A.A. Shlyakhov, 15 pp.
RUSSIAN, bk, Voprosy Kibernetiki i Pravo,
Mizuka Publishing House, Moscow, 1967, 376 pp.
JPRS 43,934

Sci-Electronics and Elect.
Engineering
Jan 68

354,089

A. A. Shlyakhov

Present Status and Some Problems of the Use
of Cybernetics in Soviet Legal Practice, by
A. B. Baklanov, 12 pp.
RUBIN, per, Sovetskaya Gosudarstvennaya i Pravo,
No 6, 1965, pp. 83-92.
JPRS 31600

8

USSR
Cybernetics
Aug 65

205,700

13
Civil Defense, by P. T. Yagorov, I. A.
Sulyakov, V. J. Muraviov, I. V. Bimontzko
and Yu. A. Sigaylov, 237 pp.
RUELAN, bk, Opreshnennaya Oborona, 1966,
pp. 5-215.
JPR 31.75

I. A. Sulyakov

URCA

N11

Doc 6

314,309

Accelerated Methods of Laboratory Diagnosis
of Anthrax, by E. N. Shlyakhov and Ye. V.

Grus, 6 pp.

RUSSIAN, per, Zdravookhraneniye, No. 4, Jul-
Aug 1966, pp. 3-11.

JPHS 39221

43
E. N. SHLYAKHOV

UGER

Sci-BMS

Jan 67

317,013

Complex Coating for the Protection of
Molybdenum, by K. S. Shlyakova.
RUSSIAN, per, Ogneupory, No 6, 1968,
pp 53-54.
FTD-S-350

K. S. Shlyakova

Feb 69

375,395

5
Literaturnaya Gazeta Readership Survey Findings,
by V. Shlyapentokh, 5 pp.

RUSSIAN, per. Literaturnaya Gazeta, Moscow, 7
May 1969, p 13.

JPRS 48135

V. Shlyapentokh

USSR

101

June 6,

383,703

Mechanism of the Chemiluminescence in the Liquid-
Phase Oxidation of Organic Substances with Ozone,
by V. Ya. Shlyapintokh.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
June 1969, pp 1132-1135.

CL

V. Ya. Shlyapintokh

Feb 70

401,355

47
The Reaction of Polymer Stabilizers Against
Light in the Photochemical Reaction of
Hydrocarbon Oxidations. Part I. Action
Mechanism of Light Stabilizers, by
V. I. Goldenberg, V. Ya. Shlyapnikova.
RUSSIAN, new, Int. J. Chem. Kinet.
No 7, 1968, pp 1883-1889.
NRC-CP-16578-078

Sci-Chem
Feb 70

2
402,832

Free Radicals and Chemical Luminescence, by
V. Ia. Shlyapintokh, 5 pp.
RUSSIAN, per. Problemy Khimicheskoy Fiziki,
1967, pp. 14-19.
JPRS 41117

53

V. Ia. Shlyapintokh

USSR
Sci-Chem
Jun 67

323,604

82
The Assembly and Welding of Hydrofoils, by
N. I. Lapatin, I. V. Shlyapnikov. 131 pp.
RUSSIAN, bk. Shlyapnikov I. V. Shlyapnikov I. V. Shlyapnikov I. V.
Shlyapnikov I. V. Shlyapnikov I. V.
Days of May 1943

I. V. Shlyapnikov

Sol-Mech
Jan 70

398,966

Yu A Shlyapnikov

A Two-Component Model of a Crystalline Polymer,
by Yu. A. Shlyapnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 6, Feb 1972, pp 1377-1378
CH

Sept 72

Mechanism of the Antioxidative Effect of the
2,4,6-Tri-Tert-Butylphenyl Ester of Pyrocatechin-
phosphoric Acid, by E. P. Zverevskaya and
Dr. A. Shlyapnikov. 6 pp.

RUSSIAN, per, *Trakhsimolshimskaya Sovetskaya
Khimicheskaya Zhurnal*, Vol 11, No 6,
1969, pp 661-667.

AIA/PTD/WT-23-159-70

E. P. Zverevskaya

enl

nov 70

Elements of Discrete Communications Systems,
by V. I. Shlyapchikov, 292 pp.
RUSSIAN, bk, Elementy Diskretnykh Sistem Svyazi,
1965, pp 3-304.
ACSI J-2395
ID 2204019167

Sci-Electronics
Dec 67

346,098

53
Infrared Absorption Spectra and the Structure of
1,1-Dinitroalkane Salts, by V. A. Shlyapochnikov,
V. M. Brumskina, 6 pp.

RUSSIAN, per, Journal Strukturnoy Khimii, Vol 10,
No 1, 1969, pp 816-819.

NAV/NIC/Tech- 001-70

V A SHLYAPOCHNIKOV

Sci/Chem

June 70

26
Inter-Type Standardization Introduced in
Ul'yanovsk Plant, by P. Brushina and
A. Sklyarov, 5 pp.
RUSSIAN, newspaper, Uzremicheskaya Gazeta,
No. 2, Moscow, Jan 68, p. 9.
JPRS 44,411

P. SKLYAROV

USSR
economic
Feb 68

351,494

Fractionation of Metabolically Hetero-
geneous Pigment Pools of Euglena, by
A. A. Shlyk

RUSSIAN, per, Dok Ak Nauk SSSR, Biophys.,
Vol 101, No 5, Aug 1968, pp 1274-1277.
CB

A. A. Shlyk

Oct 70

28
Chlorophyll Metabolism in Green Plants, by
A. A. Shlyk, 293 pp.
RUSSIAN, bk, Metabolism Khlorofilla v Zelenom
Rasteniy, 1965.
RIS TT 70-50009
AEC-tr-7096
UC-48

A. A. Shlyk

Sci/BBM
Nov 70

A. A. Shlyk

Accumulation of Chlorophyll *a* and
Protochlorophyllide by a Leaf Tissue
Homogenate in the Dark, by

A. A. Shlyk,

RUSSIAN. per, Dokl. Akad. Nauk SSSR, Moscow,

Vol. 206, No 1, September 1971,

pp 222-225.

GB

July 72

Heterogeneity and Metabolism of Pigment Pools
of Bacteria by A. A. Shlyk, A. A. Baranov
RUSSIAN, per, Dok. Ak. Nauk SSSR, Ser. Physics,
VIII187, No 1, pp 197-200 1969
Consultants Bureau

A. A. Shlyk

July 70

A. A. Shlyk

Effect of α -Aminolevalinic Acid on Chloramphenicol
Induced Inhibition of Dark Accumulation of
Protochlorophyllide in Green Barley Leaves, by
A. A. Shlyk.

RUSSIAN, per, Dok Ak Nauk SSSR, Biophy, Vol 202,
No 3, Jan 1972, pp 707-710.

CS

Feb 73

Heterogeneity and Metabolism of Pigment Pools
of Euglena, by A. A. Shlyk, A. A. Zarenkov
SUMMARY, per, B. A. Shlyk, San Francisco,
Vol 178 No 1 July 1969, pp 197-200
Consultants Bureau

A. A. Shlyk

July 70

Stimulation by Kinetin of the Accumulation of
Protochlorophyllide in Normal Green Leaves
in the Dark, by A. A. Shlyk.

RUSSIAN, per, Dok Ak Nauk SSSR, Botan Sci.,
Vol 186, No 5, Jan 1969, pp 1209-1212.

CB

A. A. Shlyk

Jan 71

A.A. Shlyuk

Metabolic Heterogeneity of Bacteriochlorophyll, by
A. A. Shlyuk.

RUSSIAN, per, Bot Ak Nauk SSSR, Moscow, Vol 204,
No 2, May 1972, pp 479-482.

CB

Feb 73

Effect of Certain Additives on the Thermal
Decomposition of Ammonium Perchlorate,
by A. A. Shidlovskiy, L. F. Shmagin, et al. 125
RUSSIAN, per. iz VUZ SSSR Khimiya i
Khimicheskaya Tekhnologiya, No 4,
1966, pp 533-536. F200617567
NSIC-640

L. F. Shmagin

Sci-Phys
Mar 67

320,746
.

86
The Effect of Some Additives on the Thermal
Decomposition of Ammonium Perchlorate, by
A. A. Shidlovskiy, L. P. Stangin, 0 pp.
RUSSIAN, per, Izvestiya Vsesoyuznogo
Khimicheskogo Nauchnogo Tsentra, Moscow,
Vol 6, No 4, 1965, pp 515-531. P101135504
WD-12-21-59-07

Sci/Tech
Oct 68

303,307

The Technical Inspection and Control Group
at the Field Airbase, by Col Eng. F. Shmakov, 9
10 pp.

RUSSIAN, per, Aviatsiya i kosmonautika, May
1966, pp. 71-76.

JPRS 3222

Col. Eng. F. Shmakov

USSR

Sac

Jul 66

306,732

Selected Features of the Ship'n Tackle for
Crane Ship Syur-Ogly, by P. G. Shmakov. 13 pp. ⁹²
RUSSIAN, per, Sudostroyeniye, No 8, 1968,
pp 15-20.
Dept of Navy NHC trans 2797(b)

sci/techn div

Mar 69

377,871

M. G. Shmakov

2
Economic Reform in question, by N. V. Fedotkin
and N. V. Smirnov, 11 pp.
RUSSIAN, per, ~~International Statistical Journal~~
No 8, Aug 1967, pp 3-8.
JPRS 43200

N. M. SEMAKOV

USSR

1967

Nov 67

343,893

on stainless steels and their alloys, Tech- 81
nology, by L. N. Mikhailov, L. A. Gmelin, et al.
9. 1.
Gmelin, L. A., Stainless Steels and their alloys,
1967, p. 117-124.
19/01/1-23-22-69

L. N. Mikhailov
et al.
et al.

85,261

Progress of Television in the Soviet Union, by 105
E. V. Shukov. 14 pp.
RUSSIAN, par, Izvestiya Vysshikh Uchebnykh
Zavedaniy, Pribochestroeniye, Vol 10, No 10,
1967, pp 25-34.
AIR/PTD/DT-24-188-68

PT Shukov
Sci/Navigation
Feb 69

375,603

77
Developments in Soviet Television, by P. V.
Shmakov, 5 pp.
RUSSIAN, per. Radio, No 7, July 1967, pp. 4-
5.
JPRS 42071

P. V. Shmakov

Sci-Comm
Lot 67

340,649

83
narrative of unlike totals, by
V. M. Shmakov, V. A. Izmirlianova. 7 pp.
USSR, nat. Aviakosmicheskikh Vysokomorskikh
Materialov, 1967, no 82-85.
M/107/00-23-01-69

V. M. Shmakov
Ved. Uchen. Gr. r
1967

398,680

inserted at various points in 192 Alley, by
L. S. ...ov, M. I. ...otov, et al. 8 pp.
...ov, et al. ...ov, et al. ...ov, et al.
...ov, 1967, pp. 75-81.
U/SP/7-23-01-00

83

V. M. Shmakov
Sci/ ...
cc 60

398,679

A procedure which simplifies the Danov-Galerkin
method for solving boundary value problems, by

V. P. Danov. 13 pp.

Abstract, Ser. Inzhenernyy Zhurnal. Mekhanika

Sverkhzvuka, No 5, 1967, pp. 129-136.

AD/P12/11-23-1052-68

SCI/11/512

JUN 69

382,966

V. P. Danov

Sequential Modification of Egg Albumin and its
Effect on the Chemical Properties and Antigenic
Specificity of the Protein, by F. V. Shmakova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 182,
No 1, Sept 1968, pp 217-220.
CB

F. V. Shmakova

Nov 70

94
Contribution to the Problem of Approximating Functions
by De La Vallee-Poussin Means, by Yu. M. Shchandin.

RUSSIAN, per, Izvestiya VUZ, Matematika, No 5(84),
1969, pp 85-98.

Dept of Navy APL/JHU T-2404

Sci/Math

Apr 70

405,587

80
Approximation of Functions by the De La Vallée-
Poussin Method, by Yu. N. Shmandin.

RUSSIAN, per, Izv VUZ Mat, No 5, 1969,
pp 85-98.

*Dept of Navy AFZ/JHU J-1410

Yu M. Shmandin

Sci-Math
Dec 69

Prevention of Recidivism, by I. Shmarov, 14
5 pp.
RUSSIAN, per, Sovetskaya Kustitsiya, No 5,
Mar 1966, pp. 19-20.
JPRS 37626

USSR
Soc
Oct 66

312,495

Prevention of Recidivism, by I. Shmarov,
5 pp.
RUSSIAN, per, Sovetskaya Tselitsiya, No 5,
Mar 1966, pp. 19-20.
JPRS 37626

I. Shmarov

USHR:
Soc
Oct 66

312,475

3
Five-Day Week Work for Farm Electric Networks,
by V. I. Shumakov, 5 pp.
MOSKVA, per, ~~Traveller~~, No 8, 1937, pp 12-13.
JPRS 49545

V. I. Shumakov

WASH
DC
Nov 67

31,215

High Melting Point Diamond-Like Semiconductors,
by Yu. V. Shmartsev, Yu. A. Valov, et al.
RUSSIAN, bk.

*CB

EDC 3rd Quarter 1965

May 65

43

Prospects of Development of Pharmacology in
the Ukraine in 1966-1970, by F. I. Splech and
L. O. Shchuruk, 6 pp.

RUSSIAN, per, ~~Intelligence~~ No 6, XIV,
Nov/Dec 1967, pp. 1-11.
JPRS 34627

SHIMBARK

USSR
Sci-S/N
Mar 66

897,904

11
Member of Communist Party Commission Discusses
Expulsion of Officers from Party for Misappropria-
tion of Funds and Materials, by A. Shmalev, 5 pp.
RUSSIAN, np. Pravda, 29 June 1968, p 2.
JPRS 46081

USSR

#1

sep 68

365,304

Guarding the Purity of Party Membership, by
A. Shmelev, 12 pp.
Izvestia, per, Communist Party, Moscow,
no 13, July 1963, pp 16-23.
JAN 40454

11
ct 62

267.378

A. Shmelev

D. Shmelev
Greater Supervision by Planning Bodies Urged,
by D. Shmelev, 12 pp.

RUSSIAN, per. Plannovoye Khozyaystvo, Moscow,
No 3, 1972, pp 83-92.

JPRS 55850

May 72

The Economic Role of Inter-
Farm, by G. Stankov, 14 pp.
HUSBAN, par, Pravda Economica, No 4, Apr
1965, pp. 27-31.
JPRS 30746

USSR
Econ
Jul 65

282,087

100
Influence of the Earth's Magnetic Field on the
Character of Motion of Satellites, by
S. S. Gerasimov, V. P. Grigorovskiy, et al. 7 pp.
in Russian, in: Trudy Akademiya Nauk SSSR po
Kosmicheskoye Iskusstvu, 1968, no. 19.
Ref./Doc/ 7-24-208-69

101
Ref./Doc/ 7-24-208-69
491,086

39

Hagfish -- Joke or Miracle of Nature,
by I. Shmalov, 7 pp.
RUSSIAN, per, Tekhnika molodosti, No 3,
1968, pp 32-33.
JPRS 45672

I. SHMALEV

Sci-DMH
July 68

350,910

N. Shmelev
History, Prospects of East-West Trade Viewed,
by N. Shmelev, 15 pp.
RUSSIAN, per. Mirovaia Ekonomika i Mezhdu narodnye
Otnosheniya, Moscow, No 1, Jan 1973, pp 4-15.
JPRS 58299

Feb 73

With Open Cards, by O. Shmelev, Vladimir
Vostokov. 26pp.
RUSSIAN, per, Ogonek, No 11 & 12, March 1967,
pp 28-30.
JPRS CSO: DC 15164

J-1622/67

USSR
Pol'
May 67

326,064

"With Open Cards" (Chapters 17 & 18),
by O. Shmelev, V. Vostokov.
RUSSIAN, per, Ogonek, No 9, 26 Feb. 67.
JPRS CSO DC 15105

J-1622/67

USSR
Pol
May 67

326,002

"With Open Cards", by O. Shrolev, V. Vostokov 62pp
RUSSIAN, per, Ogonek, No 1, 2, 3, 4, 1967, 11p
JPRS CSO: DC-15014

J-1022/67

USSR

Pol

Mar 67

321,924

With Open Cards, by Oleg Shmelev, Vladimir
Vostokov.

RUSSIAN, per, Ogonek, No 5, 1967, pp 28-29.
JPRS CSO: DC 15145

J-1622/67

USSR

Pol

May 67

326,060

With Open Cards, by Oleg Shmelev, Váladimir
Vostokov.

RUSSIAN, per, Ogonak, No 6, 1967, pp 28-29,
No 7, 1967, pp 30-31, No 8, 1967, pp 28-29.
JPRS CSO: DC 15145

J-1622/67

USSR

Pol

May 67

326,061'

NITII Open Cards, by Oleg Shmelev, Vladimir
Vostokov.
RUSSIAN, per, Ogonek, No 10, 1967, pp 28-30.
NPRS CSO: DC 15145

J-1622/67

USSR
Pol
May 67

326,062

N. L. Shmeleva

Analysis of Systolic Phases of the
Left Ventricle in the Evaluation of
Treating Chronic Coronary Insufficiency
Patients, by N. L. Shmeleva.
RUSSIAN, per, Terapevticheskii Arkhiv,
Vol 38, No 9, 1966, pp 77-81.
NTC 72-10952-06E

May 72

172
Yankee Carriers of Atomic Bombweight for the
Soviet Merchant Fleet, by B. A. Zakharov,
A. V. Shmelov.

RUSSIAN, per. *Radiozvezda*, No 8, 1966, p 3.
RIL Ref: 9322.065 (2542)

A. V. SHMELOV

not each page
Aug 68

361.532