

10 692

GE-1

A. K. LAVRUKHINA, I. M. GRECHISEISHCHEVA,
B. A. CHOTIN

Radiochemical study of pion producing nuclear reactions

Radiochemische Untersuchungen von zur Bildung von
pi-Mesonen führenden Kernreaktionen

Atomnaya Energ. , 6, No. 2, 145-151 (1959)

324 - German

E u r a t o m

The Behaviour of Elements in Trace Quantities, by
A. K. Lavrukina, 22 pp.

CZECH, per, Chemické Listy, Vol LIII, 1959,
pp 465-480. 9097692

A.C.S.I.L. No 1292
possibly *ABC

Sci - Chem

Mar 62

188,037

Radiochemical Investigation of Products of Uranium
Fission by 660 Mev Protons, by A. I. Lavrukhina,
S. S. Rodin, 12 pp.

RUSSIAN, per, Radiokhim, Vol II, No 1, 1960,
pp 88-93.

AEC-tr-4576
PL-430

Sci

Jul 62
PST 565

205,447

A Study of the Precipitation of the Alkali Metals
by Certain Triheteroacids, by V. Kourshin, A. E.
Lavruchina, 5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 3, 1960,
pp 272-276.

CB

164,285

Sci
Aug 61

Radiochemical Investigation of the Fission of Bismuth,
Thorium, and Uranium with 480-Mev Protons, by A. P.
Vinogradov, I. P. Alimarin, V. I. Baranov, A. K.
Lavrukhina, T. V. Baranova, F. I. Pavlotskaya, A. A.
Bragina, Yu. V. Yakovlev, 14 pp.

Full translation.

RUSSIAN, bk, Conference on Peaceful Uses of Atomic
Energy Academy of Sciences USSR, 1-5 Jul 1955, Session
of the Div of Chemical Sciences, p 97

35, 31.7

GPO

1
Sci - Nuclear Physics
487 rpts for \$350.00

~~Holdings note intro~~

TP 310

LAVRUKHINA A. K., et al.

Ion exchange chromatographic separation of radioisotopes
of rare-earth elements

Zhur. Neorg. Khim., 3, No. 1, 82-87 (1958)

English

E u r a t o m

RK Relation of Partition Coefficient to Initial
Concentration in Solvent Extraction, by A. K.
Lavrukhina, Chu P'ei-Tsi, ~~22~~ 9 pp.

RUSSIAN, per, Radiokhim, Vol I, No 5, 1959,
pp 530-537. 9079527

Infosearch Ltd. London
as RK-59/5.6

Sci - Chan

164,304

Aug 61

A. K. Lavrukhina

RUSSIAN, per, Radiokhimiya, Vol I, No 5, 1959,
pp 530-537.

*British per AEC

18 Feb 60

Studies in the Behavior of Ultra Small Amounts of
the Elements. Part II. Mechanism of the Coprecipi-
tation of Radioisotopes with Hydroxides, by A. K.
Lavrukhina, 8 pp.

RUSSIAN, per, Zhur Anal Khim, Vol LXII, No 1, 1957,
pp 41-47.

Consultants Bureau

Sci - Chem

Aug 58

71,771

Use of Radioactive Isotopes in Quantitative ~~Analysis~~
Analysis, by A. K. Lavrukina.

RUSSIAN, ¹⁰⁰per, Zavod Lab, No 3, Mar 1957.

Primary Sources
11 Bleecker Street
New York 12, N. Y.

\$13.60

Sci - ~~State~~ Physics
Aug 57

50,873

The Question of (p, π^{\pm}) Reactions, by A. K. Lavrukhina,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 6,
1959, pp 1277-1278.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120, 675

A Radiochemical Investigation of the Reaction
 $Si^{30}(p, \pi^+)^{31}Si$, by S. Bekerskiy, A. K. Lavrukhina,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 1, 1957,
pp 61-64.

Amer Inst of Phys
Sov Phys "Doklady"
Vol II, No 6

Sci - Physics
Jul 58

67,179

Formation of Na^{24} and P^{32} in the Interaction of
High-Energy Protons with Compound Nuclei, by
A. K. Lavrukhina, L. P. Moskaleva, L. D.
Krasavina, I. M. Grechishcheva, 8 pp.

RUSSIAN, per, Atom Energ, Vol III, No 10, 1957,
pp 285-290.

Consultants Bureau

Sci - Nuc Phys

Aug 58

67, 532

<p><u>Lavrukhina, A. K.</u> DETERMINATION OF MANGANESE OXIDES OF VARIOUS VALENCIES WHEN PRESENT TOGETHER, tr. by V. N. Pavloff. 1962, 13p. 15 refs. NRCC Technical Trans. 1035. Order from NRCC \$1.00 NRCC C-4062</p> <p>Trans. of Zhur[nal] Anal[iticheskoi] Khim[ia] (USSR) 1949, v. 4, no. 1, p. 40-45.</p> <p>DESCRIPTORS: *Ores, *Manganese compounds, Oxides, Dioxides, Valence, Determination, Solubility.</p> <p>(Chemistry--Analytical, TT, v. 8, no. 10)</p>	<p>62-34396</p> <p>I. Lavrukhina, A. K. II. NRCC TT-1035 III. NRCC C-4062 IV. National Research Council of Canada</p> <p>0226465</p> <p>Office of Technical Services</p>
--	--

Radiochemical Study of the Fission Products of E_1 ,
Th, and U Upon Bombardment With 480 Mev Protons,
by A. P. Vinogradov, I. P. Alimarin, V. I. Baranov
A. K. Lavrukina, T. V. Baranova, F. I.
Pavlotetskaya, A. A. Bragina, I. V. Yakovlev, 2¹/₂ pp.

Full translation.

RUSSIAN, bk, Conference on Peaceful Uses of Atomic
Energy Academy of Sciences USSR, 1-5 Jul 1955,
Session of the Div of Chemical Science, pp 97-119.

~~32,334~~

CIA/FDD/X-197¹/₂
ABC 2337

GPD

Scientific - Chemistry

35,317

Rare-Earth Fission Products in Uranium Fission
Induced by 660-Mev Protons, by F. I. Pavlotakaya,
A. K. Lavrukhina, 9 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,
No 5, 1958, pp 1058-1069.

Amer Inst of Phys
Sov Phys - JETP
Vol VII (34), No 5

V

Sci - Phys
Dec 58

77 510

A Study of the Behavior of Ultra Small Amounts of
Elements, Part I, by A. K. Lavrukina, 8 pp.

Full translation.

RUSSIAN, bimo per, Zhur Anal Khim, Vol X, No 4,
1955, pp 203-210. CIA C 41023

Consultants Bureau

Scientific - Chemistry 32,031
Mar 56 CTS/dex

The Synthesis of Thiophene Analogs of
Di- and Trimethoxychalcones and Their
Vinylogs, by V. F. Lavrushin, S. V. Tsukerman,
5 pp.

RUSSIAN, ~~per~~, Zhur Obshch Khim, Vol XXXI,
No 9, 1961, pp 2845-2850.

CB

Sci

Aug 62

209,754

The Synthesis of Unsaturated Ketones Which Contain the Furan Ring, by V. F. Lavrushin, S. V. Tsukerman, 3 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 9, 1961, pp 3037-3040.

CB

Sci
Oct 62

214,607

Spectra and Halochromism of Thiophene Analogs of
Methoxychalcones and Their Vinylogs
By V.F. Lavrushin, S.V. Tsukerman, pp 6

RUSSIAN, per, Zhur Obshch Khimii, Vol XXXII, No 12,
1962, pp 3971-3976

CB

Sci

Oct 63

241-076

The Reaction of Saturated Hydrocarbons With
Sulfuric Acid, by V. F. Lavrushin, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVEI, 1954,
pp 265, 266.

ATS RJ-1626

Sci - Chem
Jul 59

90,451

Spectra and Halochromism. I. Halochromism of Aromatic
Carbinols, by V. F. Lavruskin, 7 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 10,
Oct 1956, pp. 2697-2703.

Consultants Bureau

Sci - Chemistry
Mar 58

60,096

45 85 220

Absorption Spectra and Halochromism of Furan
Analogues of Methoxychalcones and Their Vinylogs,
by V. F. Lavrushin, S. V. Tsukerman, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII, No 3,
1963, pp 878-882.

CB

Sci
Apr 64

254,102

Synthesis of Nitro Derivatives of Alpha, Beta-
Unsaturated Ketones, Containing Benzene and Furan
Nuclei, by V. F. Lavrushin, ~~Author~~ 8 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol. XXIII, No. 4,
1962, pp 1324-1329.

CIA/FED YX-1481
NO FOREIGN DISSEM

Sci - Biol & Med Sci
Jun 64
USIB Internal Use Only

246,222

Polarographic Study of Unsaturated Ketones. I.
Polarography of Chalcone, by V.F. Lavrushin, V.D.
Bezuglyi et al, 7 pp.

RUSSIAN, per, Zhur Obshch Khim,
Vol XXXIII, No 6, 1963, pp 1711-1717.

CB

Sci

May 64

2
59,385

Synthesis of Nitro Derivatives of ~~the~~ ~~the~~ ~~the~~
Ketones Containing a Benzene and a Furan Ring, by V.
F. Lavrushin, S. V. Teukerman, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 4,
1962, pp 1324-1326.

CB

Sci

232,879

Mar63

The Spectra and Halochromism of
Tetraphenylmethane and of Its Hydroxy and
Methoxy Derivatives, by V. F. Lavrushin, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,
1959, pp 3005-3009.

CB

Sci

Sep 60

129,303

Spectra and Halochromism. III. The Reaction
of p-Fuchsin, Aniline Blue and Their
Carbinols with Acids, by V. F. Lavrushin,
T. M. Shmayeva, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol
XXVI, No 11, 1956, pp3075-3080.

Consultants Bureau

Sci - Chem
Jul 58

67,576

Spectra and Halochromism of Di-(2-Dimethylamino-
5-pyridyl)-methane, by V. F. Lavrushin,
S. V. Tsukerman, T. M. Shmayera, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 4,
1960, pp 1356-1359.

CB

153, 920

Sci

June 1961

Spectra and Halochromism of Some Unsaturated
Aliphatic Alcohols, by V. F. Lavrushin,
N. N. Verkhovod, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 4,
1960, pp 1360-1362.

CB

153,921

Sci

June 1961

Scission of the Carbon-Carbon Bond in Compounds
Containing the Triphenylmethyl Group, by A. E.
Nesmeyanov, V. F. Lavrushin, T. N. Shmaysva,
E. G. Paravalova, 7 pp.

Full tr

RUSSIAN, ~~no~~ per, Iz Ak Nauk, Otdel Khim Nauk, No 3,
1956, pp 309-312. CIA 9000402

38,665

Consultants Bureau

Sol - Chemistry
Sep 58 CTS

Glacial-Alluvial Deposits in the Yenesei Part of the
West Siberian Lowland, by S. A. Arkipov, V. A. Zubakov,
Yu. A. Lavruskin, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,
No 1, Jan/Feb 1957, pp 107, 108.

Consultants Bureau

Sci - Geophysics

56, 712

Dec 57

Spectra and Halochromism. II. Halochromism of
Tertiary Alicyclic and Aliphatic Alcohols, by V. N.
Lavruskin, N. N. Verkhovod, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 10,
Oct 1956, pp 2704--2709.

Consultants Bureau

100-2047

100, 277

Sci - Chemistry
Mar 58

Absorption Spectra of Thiophene Analogs of Chalcone
and Their Vinylogs.

By V. F. Lavrushin, S. V. Tsukerman, pp. 7

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII,
No 8, 1962, pp. 2677-2683.

CB

340,706

Sci

Jul 63

Immunological Study of the Rickettsias of
Rickettsialpox, by V. M. Zhdanov, R. S.
Korenblit, T. T. Lavrushina, 13 pp.

RUSSIAN, per, Sbornik Trudov Khar'kovskogo
Nauchno-Issled Inst Vaktsin i Sывороток imeni
Mekhnzhova, Virusnyye Infektsii, Vol XI,
1958, pp 265-271. 9046698

NIK 2-13-60.

Sci - Med

Mar 60

109,375

Study of the Biological Properties of Ricket-
tsial Strains "Zh" and "Z-N", by T. T.
Lavrushina, R. S. Korenblit, R. I. Kiselev,
10 pp.

RUSSIAN, per, Sbornik Trudov Khar'kovskogo
Nauki-Issled Inst Vaktsin i Syvorotok imeni
Mechnikova, Virusnyye Infektsii, Vol XX,
1954, pp 259-264. 9046696

Mar 60
Sci - Med

NIH 2-6-60

109,378

Lavrushin, Yu. A.
THE STRATIGRAPHY OF THE QUATERNARY
SEDIMENT IN THE RIVER VALLEY OF THE
MIDDLE TURKICAN. Bull. Geol. Surv. USSR, 1961, 27p. (7 figs.
continued 29 p. 60)
Order from DTIC or SLA \$7.60 61-27738

Trans. of [Akademiya Nauk SSSR, Geologicheskii
Institut] [Moscow], v. 32, p. 122-137.

DESCRIPTORS: *Geology, *Sedimentation, *Stratification,
*Geological survey, Rock, *Paleontology

(Earth Sciences--Geology, TT, v. 8, no. 2)

61-27738

- I. Title: Turukhan river basin
- I. Lavrushin, Yu. A.
- II. Geological Survey
Canada

(61-27738)

Office of Technical Services

The Problem of Independence of the Taz Glaciation in
Western Siberia, by Yu. A. Lavrushin, A. I. Permyakov,
Yu. M. Trofimov, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geolog, No 7,
1960.

AGI

Sci

Mar 62

186,049

Spectra and Halochromism of Thiophene Analogs of
Triphenyl- and Diphenylcarbinol, by E. F. Lavrusin, S. V.
Tsukerman, I. G. Syrovatka, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 4, 1961,
pp. 1275 - 1277

CB

196, 707

Sci
Apr 62

9-5245

(NY-2663).

Electro-Sleep Therapy of Arterial Hypertension,
by G. K. Lavskiy, Ye. N. Kornopaleva, A. A.
Popova, L. P. Kolpashchikova, 1:2 pp.

RUSSIAN, par, Terapevticheskiy Arkhiv, Vol XXXI,
No 4, Moscow, 1959, pp 62-69.

JPRS-1838-N

Sci - Med - physiology
Aug 59

93, 715

On Finding Ar³⁸ in Minerals Containing Potassium,
by E. K. Gerling, L. K. Levskiy, L. I. Afanas'eva.
4 pp.

RUSSIAN, per, Dok Ak Nauk USSR, Vol CIX, No 4,
1956, pp 813-815.

Morris D. Friedman
\$2.00

Sci + Chemistry
Mar 59

84, 402

Certain Problems Concerning the Theory of Heat
Exchange in the Laminar Flow of a Fluid in Pipes,
by B. A. Lavantsov.

RUSSIAN, per, Teploenergetika, No 3, 1958, pp 55-60.
9661807.

ATTC F-TS 1958/V

Sci - Phys
Jun 61

155,521

I. The Tellurites of Sodium and Potassium, by O. I. Verob'yeva, E. A. Lavut, 7 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 9, 1958, pp 2006-2010.

ARC-tr-4457
PL-480

Sci

May 62

PST 379

193,420

Solubility in the System $\text{Na}_2\text{TeO}_3\text{-C}_2\text{H}_5\text{OH-H}_2\text{O}$ at 25° C
O. I. Vorob'yeva, E. A. Lavit, 5 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol II, No 5, 1957,
pp 1154-1157.

AEC-tr-4055
PL-480

155,303

Sci

Jun 61

PST 32

About Reactions of 8-Oxyquinoline Tributoxy Titanium
With α , ω -Dihydroxy-Polydimethyl-Siloxane, by
K. A. Andryanov, I. A. Lavynin, 5 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Khim, No 10,
1963, pp 1857-1859. 9695745
FTD-TT-64-440

Sci - Chem
Jan 65

271,459

Viscosity and the Measurement of Viscosity,
by Franz Lwaczek, 18 pp.

GERMAN, per, Z des Vereines Deutscher Ingenieure,
Vol LXIII, 1919, pp 677-682.

AERE Tr 827

Sci - Phys

Aug 59

95, 462

Blood Platelets in the Light of Histochemical
Investigations, by W. Lawkowicz, P. Czerski,
H. Porembska, 3 pp.

POLISH, per, Polskie Archiwum Medycyny Wewnętrznej,
Vol XXV, 1955, pp 149-152. *57-844*

NIH 12-9

Sci - Med

Jan 58

Fatigue Studies of Plated Hot Work Tool Steels,
by Lawless, G.W., Lardenoit, V.F., Cohen, B.

UNCLASSIFIED

RUSSIAN, per, ~~EXPRESS~~-Informatsiya, Metallovedeniye
i Termovrabotka, 14 Mar 60, 4 pages

*ATIC MCL-790,1

~~Sci~~
Sci - min/met

17 Mar 61

ACTIVATION OF PRODUCTION UNIT FOR FIRE-RESISTANT
POLYVINYL CHLORIDE CONVEYER BELTS FOR THE
MINING INDUSTRY IN THE RUBBER INDUSTRY PLANTS
IN BYDGOSZCZ (BYDGOSKIE ZAKLADY PRZEMYSŁU
GUMOWEGO), BY I. LAWNICZAK, 3 PP.

POLISH, PER, PRZEMYSŁ CHEMICZNY, VOL XLI, NO 6,
1962, PP 335-336.

JPRS 15064

EUR - POLAND
ECON
SEP 62

210,794

Influence of Variations in the Moisture Content of Wood in Its Nail-Holding Power, by M. Lavniczuk, 8 pp.

POLISH, per, Sylvania, Vol I, 1956, pp 29-35.

SLA Tr 57-1710

Sci
Sci
Jul 58

67,989

Swelling of Thin Wood Sections, by
M. Lawniczak.

POLISH, per, Sylwan, No 3, 1956,
pp 89-96.

CSIRO 5244

Sci - Biol
Apr 62

191,399

A Study of Desorption Stresses Determined
During the Shrinkage of Certain Tropical
Woods Perpendicular to the Grain, by
M. LANNICELLI, J. RACKOWSKI.

FRENCH, par. Bois et Forêts des Tropiques
No 62, 1962, pp 53-58.

(SIRO/No 6052

Eci-M/M

Oct 68

2/1/68

Study of the Effect of Moisture Content in
Wood on Relaxation of Stresses Imparted
in Preliminary Bending; by M. Lavallo

SKANSKI, per; Folia Forestalia Belocica,
vol (LX), 1959, pp 103-154.

OSMO 5099

NI 1

170 6/12

Sci - Biol
Dec 61

Investigations on (Creep) Deformations and
Stress Relaxations in Steamed Beech Wood. by
Marek Lewniczak.

POLISH, par. Instytut Technologii Drewna, 80
Prace, 1958, pp 61-81.

DSIR LLU M.1383
(loan)

122,539

Sci - Engr

Aug 60

(NY-6281/b)

Comparison of "Bitunit" Insulating Panels With
Other Insulating Materials, by Jozef Pietrzykowski,
Maciej Lewniczek. 5 pp.

POLISH, per, Przegląd Budowlany i Budownictwo
Mieszkaniowe, Vol XXXIII, No 2, 1961, pp 102-103.

JPRS 9615

EEur - Poland

Recon

160,305

Jul 61

13 453

US-8

LAWRENCE W. G. , ed.

Soviet research in glass and ceramics. Part II. Oxides

\$ 35.00, 61-12744 - English

E u r a t o m

13 454

US-8

LAWRENCE W. G., ed.

Soviet research in glass and ceramics. Part III. Glass and enamels, ceramic bodies, electrical ceramics, cements, refractories

\$ 35.00, 61-12744 - English

E u r a t o m

Lawrence, W. G., compiler.
SOVIET RESEARCH IN GLASS AND CERAMICS,
1957-58. Feb 61, 686p.
Order from CB \$35.00/vol., \$80.00/set of 3 vols.

Contents:

Pt. 1.

Phase relationships (12 papers)
Clay-water systems (17 papers)
Raw materials (8 papers)
Review articles (2 papers)

Pt. 2.

Oxides (36 papers)

Pt. 3.

Glass and enamels (14 papers)
Ceramic bodies (3 papers)
Electrical ceramics (2 papers)
Cements (16 papers)
Refractories (7 papers)

(Materials--Ceramics, TT, v. 5, no. 8)

61-12744

1. Glass
 2. Ceramic materials--USSR
 3. Scientific research--USSR
- I. Lawrence, W. G.,
 compiler
- II. Consultants Bureau
 Enterprises, Inc.,
 New York

Office of Technical Services

Experimental Morphological Studies on the Finer
Structure of the ~~Homio~~ Nervous System, by B. J.
Lawrentjev, 10 pp.

GERMAN, per; Z. Mikrosk-anst. Forschg., Vol XXIV,
1934, pp 112-117.

NIH 324

33,533

Scientific - Medicine

Histopathological Study of Lesions Caused by 2-Acetyl-aminofluorene in Different Organs of Rat, by J. O. Lawe, P. Mabille, R. Royer, G. Rudali, 12 pp.

Full translation.

FRENCH, per, Bull. du Cancer, Vol XXXIX, No 4, 1952, pp 450-560.

NIH 613

28, 196

Scientific - Medicine

Oct 55
CTS/DEX

Polymerization by High-Energy Electrons, by J. V.
Schmits, E. J. Lawton, 14 pp.

F
FRENCH, Patent Granted 30 Jun 1953.

SLA 58-975

Sci

Aug 59

95,390

To Unceasingly Strengthen Brotherly Unity (China),
by Lay Tszl-Fa, 3 pp. UNCLASSIFIED

RUSSIAN, no per, Stroitel' Materialy, No 10, Oct 1957,
Moscow, pp 9, 10.

US JPRS/DC-L-61

FE - China
Pol
Mar 58

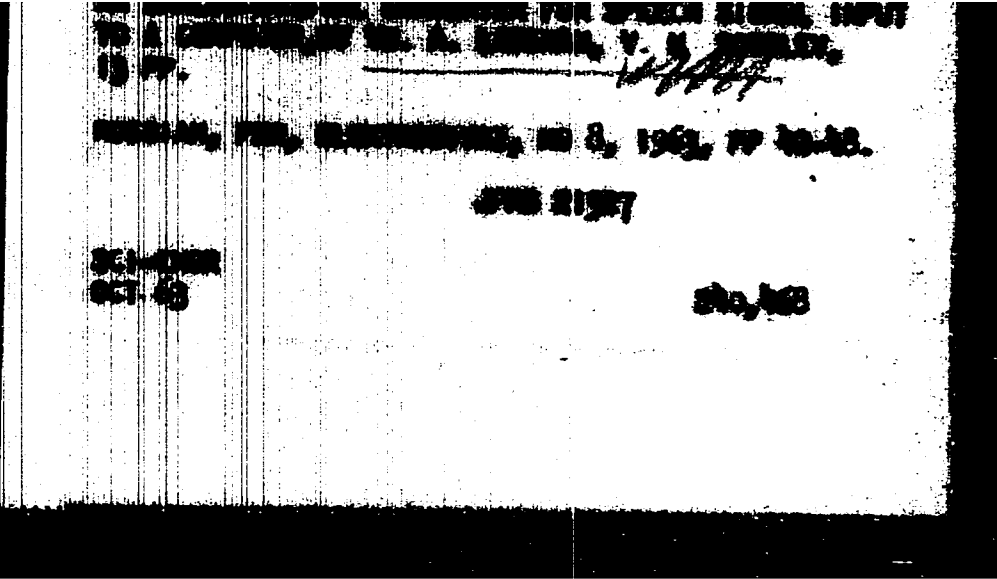
60,052

Development of Aluminum Scrap Refining in the Three
Layer Electrolytic Cell, by Warner Helling, Hans Lay,
17 pp.

GERMAN, per, Erzmetall, Vol II, 1949, pp 65-69.

B.L.A. No 333/1956

Scientific - Minerals/metals 34, 3/6



The Investigation of the Dynamics of Some Elementary
Processes of Crystal Growth and Evaporation, by
G. G. Laysaleyn, E. D. Dukova, A. A. Chernov,

RUSSIAN, per, Kristallografiya, Vol II, No 3,
1957, pp 428-436.

Amer Inst of Phys

Sci

Feb 60

108,611

39

Main Diseases of Reindeer and Caged Fur Animals,
by A. Kh. Laishov.
SPECIAL, part. Trudy Nauch. Inst. Sel'khoz.
Krain Nov. 12, 1963, pp 205-212.
*ORISE ID: 68-50652

A. Kh. Laishov
sci/ in
June 68

Investigation of a Band Amplifier With
Frequency-Dependent Feedback, by Ye. I. Laykhov,
1948.

RUSSIAN, per, Elektrosvyaz, No 3, 1964,
pp 59-66.

[Handwritten mark]
*JPRS/SF-483142/SPECIAL

Sci
Com
Jun 64

Nonlinear Effects Limiting the Amplification of
Sound in Piezoelectrics.(T), by V. L. Gurevich,
B. D. Laykhtman, 9 pp.

RUSSIAN, par, Zhur Eksper i Teoret Fiz, Vol ~~LVI~~,
No 2, 1964, pp 598-611.

Amer Inst. of Phys
Sov Phys-JETP
Vol XIX, No 2

Sci
Sep 64

p 25

Structure of the Boundary Layer of the Atmosphere
or: Minimum Laminar, H.L. Lighthill, L. R. Orszag,
9 pp.
RESEARCH, INC., Study Harvey Good's Character,
Vol. 1, 1964, pp 14-20.
JPLS 2218

Sci - IS & Atmos
Feb 68

271,670

Proceedings of the Main Geophysical Observatory
ineni A. I. Vovetova, by D. L. Leykhtman, 180 pp.

RUSSIAN, bk, Trudy Glav Geofiz Observatorii, No 107,
1961, pp 1-201.

ACSI I-1719

Sci - Geophys
Jan 63

420,752

Laws Governing Physical Processes in the Boundary
Layer of the Arctic, by D. L. Laykhtman, 25 p.

RUSSIAN, mono, Sovremennye Problemy Meteorologii
Prizemnogo Sloya Vozdukh, 1958, pp 26-42.

SLA 59-18845

Sci
Mar 60
Vol 3, No 1.

110,891

S-5357

(NY-2967).

L. S. Gandin, D. L. Laykhtman, Ye. A. Sopots'ko,
M. V. Shlainsva "Problem Book on Dynamic Meteorology",
(D. L. Laykhtman, Editor), by H. Ya. Slobodov, 4 pp.

RUSSIAN, per, Met i Gid, No 2, 1959, pp 62, 63.

JPRS-I-1066-N

Sci - Geophys
Nov 59

100,676

Principles of Dynamic Meteorology, (Part I), by
I. S. Gandin, D. L. Lavkhin, L. T. Matveyev,
M. I. Yudin, 773 pp. UNCLASSIFIED

RUSSIAN, bk, Osnovy Dinamicheskoy Meteorologii,
Leningrad, 1955, 647 pp.

ATIC F-TS-9815/V

Sci - Geophys

112,958

Apr 60

Laws Governing the Physical Processes in the Boundary^d
Layer of the Atmosphere in the Arctic, by D. L.
Likhitsman, 24 pp.

RUSSIAN, per, Gidrometeoizdat, 1958, pp 26-42, (of 232)

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Feb 60

107,636

61-13817

Laykhtman, D. L. and Orlenko, G. P.
CONCERNING THE INTENSITY OF TURBULENT EX-
CHANGE OVER A WATER SURFACE (Ob Intensivnost
Turbulentsogo Obmena nad Vodnoy Poverkhnost'yu) tr.
by George S. Mitchell. Mar 60 [4]p.
Order from OTS or SLA \$1.10 61-13817

I. Laykhtman, D. L.
II. Orlenko, G. P.
III. Weather Bureau,
Washington, D. C.

Trans. of Glavnaya Geofizicheskaya Observatoriya,
Leningrad. Trudy (USSR) 1956, no. 60[122] p. 51-52.

DESCRIPTORS: Atmosphere, *Turbulence, Intensity,
Moisture.

Values of the turbulence coefficient over the water sur-
face were obtained, which made it possible to deter-
mine the coefficient in the formula for the evaporation
of water.

Office of Technical Services

(Earth Sciences--Atmosphere, TT, v. 6, no. 1)

The Effect of Advection Upon the Intensity of
the Melting of Snow, by D. L. Lukhtman, L. A.
Kliuchnikova, 9 pp.

RUSSIAN, per, Trudy Leningrad Olsvnyaya Geofiz
Obscr, No 60(122), 1956, pp 32-39.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics
Jan 61

136,277

Certain Nonstationary Problems in the Theory of Heat
Conductivity in Dynamic Meteorology
D. L. Laykhtman

RUSSIAN, Trudy Glavnogo Geofiz. Observatoriya, Izvestiya
A. I. Voznyakova, Vypusk 19 (21) 1950, p. 111

U-1677

Alto

The Coefficient of Turbulent Exchange in the
Sea, and an Estimate of the Heat Flow From
Ocean Waters, by D. L. Laikhtman, Yu. P.
Doronin, 6 pp.

RUSSIAN, per, Zhurny Leningrad Arkticheskiy i
Antarkticheskiy Nauchno-Issledovatel'skiy
Inst. Vol CCXXVI, 1959, pp 61-65.

Amer Meteorol Soc
AF2 Cambridge Res Center

Sci - Geophysics

121,366

Aug 60

Statement of the Problem of the Stationary
Structure of the Boundary Layer of the
Atmosphere, by D. L. Lyubskanov, 35 pp.

1964, part, Trudy Olov Geofiz. Otdel., No. 10,
1964, pp 3-7. *Anna A. I. Voznyakova,*

Ames Research Soc Report 6

1964 - Geophysics
Feb 62

184,983

Certain Data on the Heat Conductivity of Ice and
Snow and a Method of Determination, by D. L.
Laikhtman, N. V. Serova, A. V. Smetannikova,
13 pp.

RUSSIAN, per, Trudy Leningrad Arkticheskiy i
Antarkticheskiy Nauchno- Issledovatel'skiy Inst.,
Vol CXXVI, 1959, pp 99-108. *9458713*

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 60

T-F-211
121,360

Several Regularities of the Heat Regime of the
Central Arctic, by D. L. ~~L~~ Laikhtman, 8 pp.

RUSSIAN, per, Trudy, Leningrad Arkticheskiy i
Antarkticheskiy Nauchno-Issledovatel'skiy Inst,
Vol CCXXVI, 1959, pp 42-47. 9058 212

Amer Meteorol Soc
AF Cambridge Res Center

T-R-312

Sci - Geophysics

Aug 60

121,373

(FDD 20645)

Transformation of the Surface Atmospheric Layer
Under the Effect of the Underlying Surface, by D. I.
Lafichtman, M. I. Yudin, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Nov Ser,
Vol XCIII, No 2, Moscow, 1953, pp 249-252.

CIA/FDD/U-5920

USSR

Sci - Geophysics, micor
~~meteorology~~ meteorology

15,656

1050

Principles of Dynamic Meteorology, by L. S. Gandin, D.
L. Lashkutanov, L. T. Matveyev, M. I. Yudin, 50 pp.

RUSSIAN, bk, Osnovy dinamicheskoy meteorologii,
Leningrad, 1955, pp 255-303.

US JPRS Transl No L-12600

Sci
Dec 58

77,692

Problems in Dynamic Meteorology, by L. S. Gardin,
D. L. Isykhtman, E. A. Sopots'ko, M. V. Shleneva,
213 pp.

RUSSIAN, bk, Zadachnik po Dinamicheskoy Meteorologii,
Leningrad, 1957, 182 pp.

ATIC P-TS-9640/V

Sci - Geophya
Oct 59

99,493

PHYSICS OF THE ATMOSPHERIC BOUNDARY LAYER
BY D. L. LAYKHITMAN, 6 PP.

RUSSIAN, PER, MET I GID, NO 10, OCT 1962,
PP 50-52.

JPRS 16905

SCI - GEOPHYS

JAN 63

218,721

(FDD 20439)

The Arys Expedition of 1945, by D. L. Layshtman,
S. A. Sapozhnikova, 14 pp.

RUSSIAN, irreg per, Trudy Nauchno-Issledovatel'skikh
Uchrezhdeniy, Fizika Prizemnogo Eloya, Vol I, No 39,
Leningrad, 1947, pp 3-10.

CIA/FDD/U-5685

USER

Sci - Geophysics, microclimate

Mar 54 CTS

11,609

(FID 28432)

On the Method of Calculation of Evaporation from
the Surface of Limited Water Basins, by D. L.
Laykhtman, M. P. Timofeyev, 9 pp.

RUSSIAN, no per, Meteorol i Gidrol, No 4, Leningrad,
Apr 1956, pp 19-23.

CIA/FID U-9048

40,558

USBR
Sci - Geophysics
Oct 56 CIB

(NR-6499)

Phase Relations in Directional Coupler,
by N. T. Bova, I. B. Laykhtman, 9 pp.

RUSSIAN, per, IZ VUZ, MVO Radiotekh,
Vol IV, No 3, 1961.

JPRS 11524

Sci
Jan 62

179,454

Three Letters About Production Supplies, by
V. Shul'man, A. Laykov, 13 pp.

RUSSIAN, ⁷⁴ ~~74~~, Ekonomicheskaya Gazeta, No 34,
18 Aug 1962, pp 36-37.

JPRS 15883

USER
Econ
Oct 62

216,790