

Dependence of the Temperature Magnetic  
Hysteresis on the State of the Sample,  
by D. A. Kaplan, A. T. Ustin, 5 pp.

ISSUES, vol. 10, No. 4, 1959, pp. 434-47.

MDN I-132  
9092954

Oct  
Nov 61

*173.325*

Effect of Ultrasonic Vibration and Alternating  
Magnetic Fields on the Domain Structure  
of Silicon Steel, by D. A. Laptev, V. S.  
Cherkashin, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,  
Vol XXV, No 12, 1961.

CTT.

Sci

Jan 63

220,260

Magnetic Temperature Hysteresis in Single Crystals  
of Ferrosilicon, by L. V. Kirenskiy, D. A.  
Laptey, A. I. Drokin, et al, 6 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol IX, No 3,  
1960, pp 337-344.

PP

Sci

Apr 61

149,601

Lapok, B. B.  
PRESSURE DISTRIBUTION IN GAS DEPOSITS. 21p.  
1 refs. MIWL: 241.  
Order from OIS or ETC \$1.85 61-17901

Trans. of Zh. fiz. khim. (USSR) 1947, v. 25,  
no. 4, p. 26-32.

DESCRIPTORS: Gases, Deposits, Pressure,  
Theory.

61-17901

I. Lapok, B. B.  
II. MIWL-241  
III. Stichting Moeilijk  
Toegankelijke Wetenschap-  
pelijke Literatuur

00330

Journal of Technical Services

Heat-Treatment of Petroleum Strata Aimed at  
Increasing the Petroleum Output, by B. D. Lapuk, 18 pp.

RUSSIAN, per, Azerbaydzhan Neftyanoe Khoz, Vol XII,  
1939, pp 10-15.

*SLA Tr R-829*  
SLA Tr R-829

Sci - Chemistry  
Oct 57

*54,474*

Features of the behaviour of nitrated steel 1Kh18N9T  
held for a long time at high temperature, by A. V.  
Kostenko, Ye. V. Lopukhina, T. M. Pogrebetakaya,  
9 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol IX, No 6, 1960,  
pp 868-877.

PP

156, 162

Sci

Jun 61

... information heterogeneity, into account  
in situations involving flow of oil, gas and  
water, by B. B. Lapuk and A. I. Pavlov,  
M. M. I. Ser, Geot. Mez., Vol 111, No 1,  
1964, pp 49-54.

112

Y-10-1422  
AD-CORBOR

B. B. Lapuk

107-

11,173





(NY-5100)

D02L DIESEL TRAIN, BY S. A. LAPUSHKIN, R P.  
TITOVA, 3 PP.

RUSSIAN, PER, ELEKT I TEPIOV TYAGA, NO 11,  
1951, PP 32-34.

JPRS 13587

USSR  
ECON  
SCI - ENGR

193,349

MAY 62

Specific Heat of the Halides KCl, KBr, and KI at High  
Temperatures, by S. M. Skuratov, S. A. Lapushkin,  
3 pp.

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, No 12,  
Dec 1951, pp 2210-2216.

Consultants Bureau

USSR

Scientific - Chemistry, Halides, temperatures

1948

Corrosion Protection by Cold Phosphating  
Process, by V. S. Lapotukhin, 17 pp.  
RUSSIAN, per, Zhur Prikladny Khimii,  
Vol XXIV, Apr 1951, pp 373-382.  
ACSI 1-9170  
IB 2204002466

89

*V. S. Lapotukhin*

Sci-Tech  
Apr 66

200,599

Process for Manufacturing Optical  
Brighteners of Cellulose Fibers, by  
Albert Schwalenberg, Horst Laguna, 6 pp.  
POLISH, Patent, No 43,527.  
Dept of Comm  
Patent Office

80

*Horst Laguna*

Sci-Materials  
May 67

325,604

test on the supervision of basic weather  
processes with the help of continuous  
meteorological analysis of the East,  
by G. S. G. G. and G. L. G.  
Moscow, 1967, 1. Ann. Chém., 1967, 198,  
(1), 1-16.  
\*1967 4105

1967 01 1 20  
1967 01

On the Spectral Character of Spark Discharges,  
by K. Laqua

Full translation.

GERMAN, per, Spectrochim Acta, Vol. <sup>IV</sup> ~~VI~~, No 6, 1952,  
pp 446-466.

A.E.R.E. Harwell Tr No 11/3/5/298 or/498

*Science Index 487*  
Scientific - Physics

Index Aeronautics

Jun 53

OTS/DEK

2307

The Lifespan of Isolated Mammalian Organs With  
Automatic Function, by E. Laqueur, 14 pp.

DUTCH, per, Nederlandsche Tijdschrift voor  
Geneeskunde, Vol L, 1914, pp 1846-1852.

NIH Tr 10-29  
SLP 57-2949

Sci - Medicine

54, 674

Oct 57

LAPITSKI, V.

Teoriya I Praktika Metallurgii, vol. 9, Nos. 4-5,  
4 figures, 2500 words; 1939.

Top pouring of killed steel.

Brutcher, Trans. Order No. 731, \$2.50

A 6657



Lagun, K. and Hagenah, W. D.  
SPECTROCHEMICAL ANALYSIS WITH TIME RESOLVED  
SPECTRA OF SPARK DISCHARGES. [1962] 27 p.  
22 refs.

Order from SLA \$2.60

62-16684

Trans. of Spectrochem[ica] Acta (Gt. Brit.) 1962,  
v. 18, no. 2, p. 183-199.

DESCRIPTORS: Spectrographic analysis, \*Chemical  
analysis, \*Electric discharges, Sparks, Time,  
Resolution (Optics), \*Copper electrodes, Aluminum,  
Zinc, Brass, Generators.

(Physics--Spectroscopy, TT, v. 9, no. 2)

62-16684

I. Lagun, K.  
H. Hagenah, W. D.

(327140)

Office of Technical Services

Brazil's situation as by Source of Supply, by  
J. Mesquita Lara, 16 pp.

SPANISH, FOR: The Economic and Financial Observer,  
Vol IX, No 101, Jun 1944, pp 53-63.

SLA 57-2917

Sci

71,247

Aug 58

The Telecommunications of Dahomey, by H. Laranco,  
16 pp.

RENCH, par, Industries et Travaux d'Outremer,  
No 88, Jul 1960, pp 473-477.

Army Map Service

Africa - Dahomey  
Econ  
May 63

232,060

The Telecommunications of Cameroun, by H. Laranco,  
9 pp.

FRENCH, par, Industries et Travaux d'Outremer,  
No 80, Jul 1960, pp 479-482. (Call No ? Eng Tr)

Army Map Service

Africa - Cameroon  
Econ  
May 63

232,061

Notes ~~XX~~ on the Half-Life of  $I^{131}$ , by F. Barreira,  
M. Laranjeira.

PORTUGUESE, paper, P/979, Proceedings of Inter-  
national Conferences on Peaceful Uses of Atomic  
Energy Held at Geneva 8-20 Aug 1955, Vol VII.

Internatl Conf -- UN

Sci - Nuclear Physics

CIA 1-669.9.162

52,059

Determination of Atmospheric Radioactivity, by  
F. Barreira, M. Laranjeira,

PORTUGUESE, paper P/975, Proceedings of International  
Conference on Peaceful Uses of Atomic Energy Held  
at Geneva 8-20 Aug 1955, Vol IX.

Internatl Conf --- UN

Sci - Nuclear Physics

CIA 1-669.9.182

6  
52,031

Detergent Oils and Their Dispersive Properties, by  
J. Larbre, 17 pp.

FRENCH, per, Revue de l'Institut Francais du  
Petrole, Vol XI, 1956, pp 1298-1312.

SLA 59-10660

Sci - Chem  
Sep 59  
Vol 2, No 1

97,418

Test Validations by B. Larcebeau, 20 p.

FRENCH, per, l'Année Psychologique, 1953, Vol LIII,  
No 2, pp 553-562.

SLA 59-20168

Sci  
Feb 60  
Vol 2, No 12

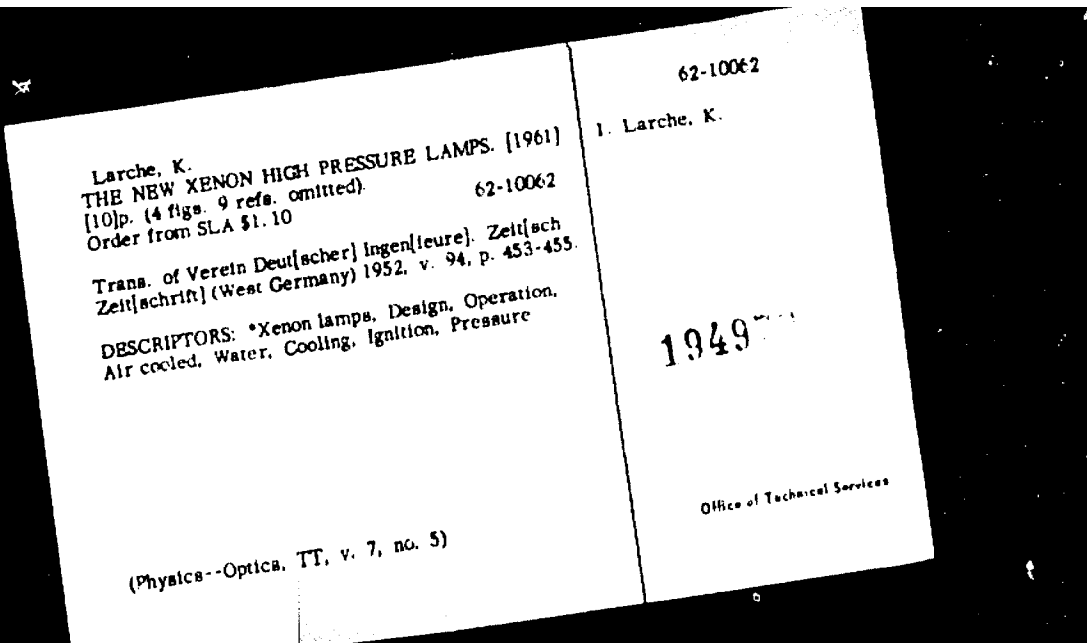
108, 197



J-1224/62

A Revelation for the Africans, by G. Larche, (DC-8133).  
FRENCH, np, La Presse du Cameroun, 17 Aug 1962, pp 1,4.

\*JPRS



The Arc Form of a Noble Gas High Pressure  
Discharge, by K. Larche.  
GERMAN, per. Zeit Physik, Vol CXXXII,  
1952, PP 544-552.  
NASA TT F-10,208

*K. Larche*

U. S. GOVERNMENT USE ONLY  
Sci-Phys  
Aug 66

309,646

The Radiation of the Xenon High-Pressure Arc  
of High Power Absorption, by K. Larche,  
11 pp.

GERMAN, *per*, *Ziet f. Physik*, Vol II CXXXVI,  
1953, pp 74-86.

23,509

Assoc Tech Sv 02 F3G  
CIA/FDD/Z-148  
G-2, GSUSA G-284  
ATS-2 F3G

Scientific - Chemistry

May 55 CBS

17

The Arc Form of the High-Pressure Discharge in  
Rare Gases, by K. Larche, 7 pp.

GERMAN, per, Zeitschrift für Physik, Vol CXXXII,  
1952, pp 544-552.

CIA/ROD/z-79  
~~A.C. Se... ..~~

... 53 CTB/DEX

High-Pressure Xenon Lamps of High Luminous Density  
and Light Intensity, by Kurt Larche. 153  
CERAM. JER. Lichttechnik, Vol 7, No 6, 1955,  
pp 221-224. P500225468-C  
Dept of Navy MIC Trans No 2326

*Kurt Larche*

Sci-Engs  
Oct 68

309,400

K. Larche

A New Instrument With a Spherical Attachment for  
the Measurement of UV-Radiation Incidence at an  
Arbitrary Angle.  
GERMAN, per, Licht, Vol 12, 1942, pp 110-111.  
NASA TT F 14,416

Oct 72

K. Larche

On an Instrument for the Measurement of Ultraviolet  
Radiation Equipped with a Spherical Attachment for  
the Measurement of Radiation Incident, at a Large  
Angle.

GERMAN, per, Zeitschrift fuer Technische Physik,  
Vol 23, 1942, pp 114-117.  
NASA TT F 14,418

Oct 72



Initial Heating of Petroleum Products in Rail-  
road Tank Cars, by I. F. Larchenko

RUSSIAN, no per, Neft Khoz, No 12, 1954, pp 73-  
76.

Sm Tech and Comm Tr  
2135 Spruce St.  
Phila, 3 Pa.

USSR - Economic  
Scientific - Fuels  
Jan 56 CTS

29, 715-

On Errors in the Results of Measurement of Bases by  
Tapes With Graduations, by Ye. Larchenko, 11 pp.  
RUSSIAN, per, Geodesist, No 4, 1930, pp 44-51.

JPRS H-108-M/36

Sci - Eng - Geodesy

Feb 61

139,776

SLA: 61-21040

Larchenko, Ye. G.  
THE CALCULATION OF GAUSS-KRUGER COORDI-  
NATES BY LOCAL COORDINATES IN COMPILING  
INDEX MAPS AND CHARTS. Trans. on Soviet  
Geodesy 1925-40. 17 Mar 61 [8]p. JPRS: R-116-N/7.  
Order from LC or SLA mi\$1.80, ph\$1.80 61-19153

Trans. of Geodezist (USSR) 1938 [v. 14] no. 3,  
p. 66-70.

(Unannounced)

61-19153

1. Mapping--USSR
2. Geodesics--Theory
1. Larchenko, Ye. G.
- II. Title: Soviet ...
- III. JPRS-R-116-N/7
- IV. Joint Publications Research  
Service, New York

Office of Technical Services

Use of MM Homograms in Large-Scale Surveys (1:1,000,  
1:2,000, 1:5,000), by Ye. G. Larchenko, I. G.  
Lishchinskiy, 3 pp.

RUSSIAN, per, Geodes i Kartog, No 2, 1959,  
pp 56-59.

AGU

Sci

167, 452

Jul 61

Feeding and Diapause of the Colorado  
Potato Beetle, by K. Larczenko, 28 pp.  
POLISA, per, Roczniki Nauk Rolniczych,  
Warsaw 1957, Vol. 74, No. 2,  
pp 287-314.  
OTS 60-21412

P74

BE-Pol  
Sci  
Mar 65

275,754

Lardera, M. R., Cernia, E., and Mori, A.  
DETERMINATION OF VINYL ACETATE IN MIXED  
POLYMERS OF VINYL CHLORIDE AND VINYL  
ACETATE. [1963] 4p. 2 refs.  
Order from SLA \$1.10

63-14706

Trans. of Annali [di] Chimica (Italy) 1956, v. 46,  
p. 194-198.

DESCRIPTORS: \*Polyvinyl chloride, \*Vinyl radicals,  
\*Acetates, Mixtures, Chemical analysis, Reagents,  
Ethylenes, Dioxides, Sodium compounds, Ethanols,  
Hydrates, Silver compounds, Sulfates, Sulfuric acid.

The authors discuss a generalized method of saponifi-  
cation to determine the percentage of vinyl chloride in  
mixed polymers of vinyl chloride and vinyl acetate. All  
the methods heretofore used and which lead to reproduc-  
ible results for mixed polymers produced by solution or  
(Chemistry--Analytical, TT, v. 10, no. 6) (over)

63-14706

I. Lardera, M. R.  
II. Cernia, E.  
III. Mori, A.

44495

Office of Technical Services

Savings in Water Consumption With Cooling Devices  
for Open-Hearth Furnaces, by H. Lardy. UNCL

GERMAN, par, Stahl u Eisen, Vol LXXIII, 30 Jul  
1953, pp 1028-1029.

British Iron and Steel Ind  
(no number given)

Sci - Engr  
Sep 59

98, 221

EFFECTS OF Antibiotic Therapy on  
Curvization, by A. Bisset, L. LARONG,  
FRENCH, Proc, Anesthesic Analgesic  
Respiration, Vol XIX, No 4, 1950,  
PP 413-425.  
LA 57-01-1030

L. LARONG

J n 57

317,542



NASA TT F-54  
National Aeronautics and Space Administration.  
CONCERNING A METHOD FOR THE MEASUREMENT  
OF VERY HIGH TEMPERATURES IN NEARLY  
TRANSPARENT ARC COLUMNS. (Über ein verfahren  
zur messung sehr hoher temperaturen in nahezu  
durchlässigen bogensäulen.) Rudolf Wilhelm Larenz.  
(Presented at the meeting of the German Physical  
Society, British Zone, Münster, April 15, 1950.)  
December 1960. 20p. OTS price, \$0.50.  
(NASA TECHNICAL TRANSLATION F-54. Transla-  
tion from Zeitschrift für Physik, v. 129, no. 3, 1951,  
p. 327-342 (Germany).)

The report presents a method of measuring the tem-  
perature distribution across an arc column by use of  
a spectrograph. An equation is developed for the  
determination of the electronic temperature that cor-  
responds to the point of maximum spectral line inten-  
sity across an arc column. A graphical solution is  
given which relates the various parameters such as

Copies obtainable from NASA, Washington

(over)

- I. Larenz, Rudolf Wilhelm
- II. NASA TT F-54
- III. Zeitschrift für Physik,  
v. 129, no. 3, 1951,  
p. 327-342 (Germany)

(Initial NASA distribution:  
30, Physics, atomic and  
molecular; 41, Propulsion  
systems, electric;  
45, Research and develop-  
ment facilities.)

NASA

Temperature measurements in the column of a  
Gerdien arc, by R. W. Larena, 27 pp.

GERMAN, per, Z. Physik, 129, p 343-364,  
1951.

AEC-SCL-T-123  
SLA 58-509

Sci

Aug 59

94,424

Larenz, Rudolf Wilhelm.  
CONCERNING A METHOD FOR THE MEASURE-  
MENT OF VERY HIGH TEMPERATURES IN NEARLY  
TRANSPARENT ARC COLUMNS (Über ein Verfahren  
zur Messung sehr Hoher Temperaturen in Nahezu  
Durchlässigen Bogensäulen). [Paper] presented at  
meeting of German Physical Society, British Zone,  
Münster, 15 Apr 50. Dec 60, 20p. 7 refs. Technical  
trans. F-54: AD-247 295.  
Order from OTS \$0.50

61-11135

Trans. of Zeitschrift für Physik (West Germany) 1951,  
v. 129, p. 327-342.

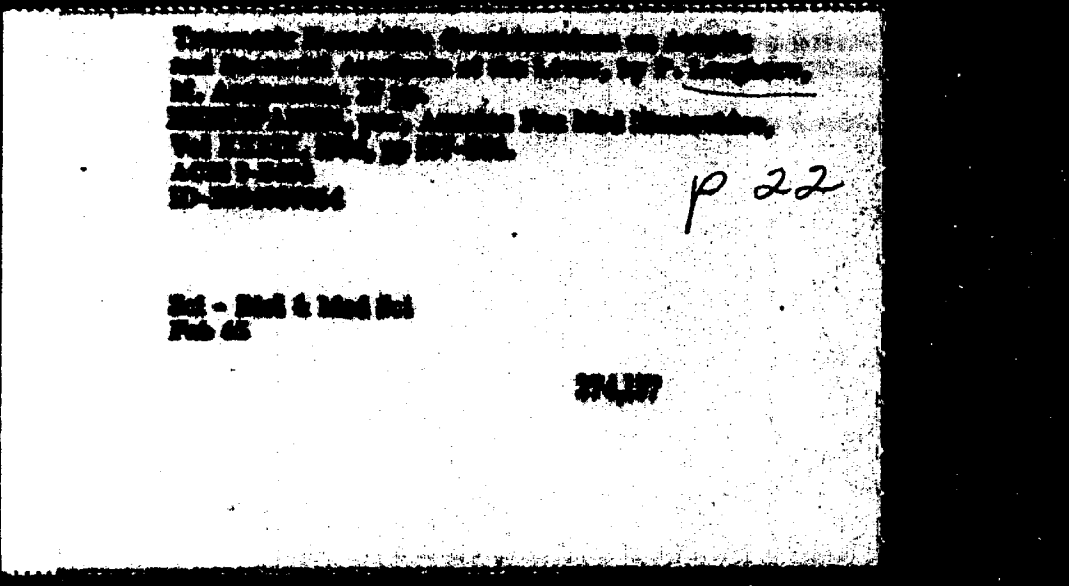
A method is presented of measuring the temperature  
distribution across an arc column by use of a spectro-  
graph. An equation is developed for the determination  
of the electronic temperature that corresponds to the  
point of maximum spectral line intensity across an arc  
column. A graphical solution is given which relates  
the various parameters such as statistical weights,  
(Physics--Thermodynamics, TT, v. 5, no.7) (over)

61-11135

1. High temperature research
2. Electric arcs--Temperature
- I. Larenz, R. W.
- II. NASA TT-F-54
- III. National Aeronautics and  
Space Administration  
Washington, D. C.
- IV. Title: German Physical  
Society...
- V. AD-247 295

VI. Arc Tr 5308

Office of Technical Services



61

The Dose Rate of Penetrating Electrons of the  
Outer Belt, by Ye. Ye. Kovalev, A. V. Larichev,  
5 pp.  
RUSSIAN, per, Voprosy Dozimetrii i Zashchity ot  
Izлучeniya, No 2, 1963, pp 105-106.  
JPRS 24099

Sci - Eng  
Apr 64

254, 228

1  
Instructions for Patients at Health Resorts  
in the Ukraine, by Leonid Semenovich Larichev,  
Vasily Nikolayevich Sovetov, 75 pp.

RUSSIAN, par, Pamyatka dlya Lechaschikhaya  
i Otdykhayushchikh na Kurortakh Ukrainy,  
1961, 152 pp.

JPRS 15474

Sci - Med  
Oct 62

212,489

On Polyinvariance in Automatic Control Systems,  
by V. S. Kulebakia, O. I. Larichev, 11 pp.

RUSSIAN, per, Investiya Akademii Nauk SSSR,  
Otdeleniye Tekhnicheskikh Nauk, Energetika i  
Avtomatika, No 5, 1961, pp 7-12. 9678820

FTD-TT-62-871

Sci-Elec  
Dec 62

219,303

On p-n Junctions in Photosensitive Films of  
PbS, by V. P. Zolotarev, V. N. Larichev, 9 pp.

RUSSIAN, per, Fizika Tverdogo Tela, Vol II,  
No 8, 1960, pp 1741-1750.

AIP  
Sov Phys- Solid State  
Vol II, No 8

Sci

141,827

Mar 61



On the Problem of the Conduction and Photoconduction  
Mechanisms in Polycrystalline Layers of the PbS-Group  
of Semiconductors, by B. T. Kulomyzha, V. N. Larichev,  
4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 6, 1958,  
pp 1358-1362.

Amer Inst of Phys  
Sov Phys Tech Phys  
Vol III, No 6

Sci - Physics  
Feb 59

82,006

Investigation of Photoelectric Properties of Semi-  
conductors of the PbS Group by the Capacitor Method,  
by B. T. Kolomyets and V. N. Larichev, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 5, 1958,  
pp 921-924.

Amer Inst of Phys  
Sov Phys - Tech Phys  
Vol III, No 5

Sci - Phys

Feb 59

80,378

53  
Archaeological Exploration in Mongolia in 1961-  
1962, by A. P. Chudakov, V. Ye. Lurichov,  
16 pp.  
RUSSIAN, per, История Советского Археологического  
СССР, No 1, 1963, pp 74-87.  
JPRS 24291

Sci - ES & Astron  
May 64

237, 052

The Effect of Lysergic Acid Diethylamide on Some Aspects  
of Behavior in Mice and Rats, by G. I. Mil'shteyn, K. A.

Laricheva, 7 pp.

RUSSIAN, per, Farmakolog i Toksikolog, Vol XXVI, No 6,  
1963, pp 753-756.

JPRS 23533

Sci-Chem  
Mar 64

251,487

Description of an Experimental Psychosis Induced  
by Lysergic Acid Diethylamide, by R. A. Ivanova,  
K. A. Laricheva, 15 pp.

RUSSIAN, per, Zhurnal Nevropatologii i Psikiatrii  
imeni S. S. Korsakova, Vol LXII, No 9, 1962,  
pp 1359-1365.

JPRS 16002

Sci - Med

217.539

Nov 62

TT-65-14442

Field 3C

Laricheva, V. V.; Rein, M. V.  
ON A METHOD OF CONSTRUCTING SOLUTIONS OF THE  
EQUATIONS OF PLANE PERTURBED MOTION OF  
CELESTIAL MECHANICS. 10p, 5 refs.  
Order from SLA: \$1.10 as TT-65-14442

Trans. of Kosmicheskie Issledovaniya (USSR) v3 n3 p359-67  
1965.

See also 'Translated or Abstracted Publications,' in  
TT Vol. 14, No. 8.

Another trans. is available from CFSTI or ETC HC81.10,  
MF\$0.50 as TT-65-83762, 10p.

A305259

MR 688

Nonlinear Damping of the Natural Vibrations of  
Systems of Arbitrary Order, by V. V. Laricheva,  
5 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXII,  
No 4, 1958, pp 536-538/.

Pergamon Inst

Sci - Math

Jun 59

90, 508

MACHINE FOR MACHINING THE PALMS OF BLADES, E.G. OF  
A COMPRESSOR, BY A. I. LARKIN, 3 PP.

RUSSIAN, PATENT NO 141381 (691087/25), 29 DEC 1960,  
PP 1-2. 9678217

FTD-TT-62-841

SCI - ENGR

12 OCT 62

212,805



66  
Thermal Decomposition of Aluminum Alkyls,  
by E. I. Larikov.  
RUSSIAN, per, High Press, Vol 3, 1964,  
pp 171-174.  
Chem Trans Sv 2612

E. I. Larikov

321,638

Sci - Chemistry  
Mar 67

Effect of Alloying Elements on the Recrystallization  
Kinetics of Nickel Alloys, by E. E. Zasiuchuk,  
G. V. Kurdyumov, L. N. Larikov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII,  
No 5, 1959, pp 615-619.

Columbia Tech Tr

Sci  
Aug 60

122,313

Growth of Crystals in the Solid Phase, by  
L. N. Larikov, 11 pp.

RUSSIAN, per, Voprosy Fiz Met i Metallov,  
sbornik, No 10, 1959, pp 111-120.

REF L-135  
9092966

Sci  
Nov 61

Influence of Soluble Impurities on the Linear  
Growth Rate of Recrystallization Centers, by  
L. N. Larikov, 10 pp.

RUSSIAN, per, Voprosy Fiz Met i Metallov,  
Sbornik, No 10, 1959, pp 121-129.

REF L-136  
9092967

Sci  
Nov 61

132  
On the Movement of Atoms in Metals in the Region  
of the Temperature Recrystallization, by  
L. N. Larikov,  
UKRAINIAN, par. UKR Fiz Zh, Vol 3, 1958, pp 668-  
671.  
\*CFSTI TT 70-59077

Sci-  
June 70

L.N. LARIKOV

(NY-3815)

# 18

Ukrainian Republic Conference on the Theory of  
Metals and Alloys, by V. M. Danilenko, M. A.  
Krivoglaz, L. N. Larikov, A. A. Smirnov, 19 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXX, No 1,  
1960, pp 191-198.

JPRS 2904

Sci - Metals, Min

Jul 60

120,013

Fluid Flow Near the Bottom of the Hole During  
Hydraulic Formation Fracturing by Yu. M. Shekhtman,  
I. F. Kuranov, A. A. Larin, 7 p.

RUSSIAN, per, Neft Khoz, 1958, Vol XXXVI, No 12,  
pp 40-45.

<sup>H</sup>  
ATS-4835R

Sci  
Apr 60  
Vol III, No 2

111,694

Main trends in complex mechanization and automation  
of refractory production, by R. S. Bernstejn,  
A. P. Larin, S. G. Finkel'man, 3 pp.

RUSSIAN, per, Ogneupory, No 9, 10, 1960, pp 455-460.

Acta Metallurgica

Sci

186, 121

Mar 62



Larin, A. Ya.  
CRACKING OF HEAVY PETROLEUM STOCKS OVER  
HEATED SURFACES. [1961] 5p.  
Order from OTS or SLA \$1.10

61-18170

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, 1944, no. 1/2, p. 42-47.

DESCRIPTORS: Hydrocarbons, Decomposition, \*Petroleum, Fuel oil, Processing.

Experiments of cracking of oil distillates over electrically heated metallic spirals established that a gas is produced under these conditions of a composition approximately identical with that obtained from paraffin wax. However, the yields of gas per unit energy consumed are the lower, the richer is the charge in compounds with a low hydrogen content. An oil distillate consisting essentially of naphthenes gives a yield of gas per kw. -hour which is half that obtainable from paraffin (Engineering--Chemical, TT, v. 6, no. 7) (over)

61-18170

I. Larin, A. Ya.

Office of Technical Services

54  
Transformation of Acetone Over Active Alumino-  
silicates, by A. Ya. Larin.  
FRENCH, per, Comptes Rendus, Vol 54, 1946,  
pp 407-410.  
\*AEC

*A. Ya. Larin*

Sci-Chem  
Dec 69

(NY-1830)

USING ALKYLARYL SULFONATE IN THE FLOTATION OF  
IRON ORES, BY F. N. BELASH, KH. U. KOVAL'CHUK,  
A. YA. LARIN, 4 PP.

*Russian*  
~~RUSSIAN~~, PER, BYULLETIN' TEKH-EKON INFORMATSII,  
NO 6, 1962, PP 3-5.

JPRS 15207

USSR  
ECON  
SCI - MIN-MET  
SEP 62

210,141

61-18206

Larin, A. Ya.  
CRACKING OF MAZUT OVER AN ALUMINOSILICATE  
CATALYST. [1961] 5p. 12 refs.  
Order from OTS or SLA \$1.10

61-18206

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhni-  
cheskikh Nauk. Izvestiya, 1944, p. 724-728.

DESCRIPTORS: \*Fuel oil, \*Petroleum, Decomposition,  
Aluminum compounds, \*Silicates, \*Catalysis.

Cracking of mazut over an aluminosilicate catalyst was shown to be possible at temperatures lower than used in commercial practice. Distillates were obtained by cracking mazut amounting to up to 80 per cent on the charge, from which gasoline with 150° end point was distilled off, amounting to 15 per cent, and gasoline with 200° end point - to 26 per cent. The octane number of the 150° end point gasoline, when treated with 3 ml. TEL per kg., was 89.1. The aluminosilicate catalyst used resembles aluminum chloride in its action, but exceeds the latter in its life span and simplicity of regeneration. (Author)

I. Larin, A. Ya.

Office of Technical Services

(Chemistry--Organic,  
TT, v. 6, no. 6)

Aluminum Silicates and the Conversion of Ketones;  
by A. Ia. Larin, A. V. Frost.

RUSSIAN, per, ~~DOI~~ Dok Ak Nauk SSSR, Vol LIV,  
No 7, 1948, pp 1297-1300.

Res Info Sv R.587

Sci - Chemistry  
Jan 1956/CTS No 77

30,534

53 Nassau St., New York 5, N.Y.

(SF-1440)

Surface-Active Substances From Petroleum  
Distillates, by A. Ya. Larin, 11 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 11, 1960, Vol. (XXI)  
pp 78-84.

JPRS 4506

150,404

Sci - Chem

May 61

The "Moskvich-40" Passenger Car to Appear  
Shortly on the Roads of the Soviet Union,  
by B. Larin and L. Barzhi, 7 pp  
RUSSIAN, per, Za Rilon, No 11, 1964, pp 12-13.  
JPHB 23972

P 10

USSR  
Econ  
Mar 65

276,433

(DC-390/30)

Review of A. V. Vedorov's Book "Introduction to  
the Theory of Translation", by B. A. Larin, 21 pp.

RUSSIAN, per, Vest Lenin U, Ser Istori, <sup>1/1</sup><sub>0</sub>  
Yazyka i Literaturny, No 4, 1959, pp 135-137.

REFS 6152

Sci - Misc

Oct 60

131,061



The Large TsNIIGAIK Geodimeter-Type Instrument  
by B. A. Larin, V. M. Nazarov, A. A. Genike,  
6 pp.

10  
RUSSIAN, per, Geodez i Kartog, No 7, 1959,  
pp 3-10.

AGU

Sci

167, 280

Jul 61



New Formulas and order of Computing Reductions in the  
projections of a Second-Order Triangulation on a Plane  
by D. A. Larin.

RUSSIAN, bk, Sbornik Nauchno-Tekhnicheskikh i  
Inzhenernykh Statey po Geodez Kart, Topograf,  
Aero i Grav, Vol XXIII, 1949, pp 21-28.

ACIC

Sci - Geophys

203,151

JUL 62

Adjustment of Triangulation Chains on Adjacent  
Areas, by D. A. Larin.

RUSSIAN, bk, Sbornik ~~NA~~ Nauchno-Tekhnicheskikh i  
Proizvodstvennykh Statey po Geodesii, Kartografii,  
Topografii, Aeros'yemki, i Gravitrii, Vol 2, 1941,  
pp 46-49.

ACIC

Sci

*180, 857*

Jan 62

Compilation of a Series of Maps on Nature, USSR,  
by D. A. Larin.

RUSSIAN, per, Sbornik Nauchno-Tekhn i Proizvodstvennykh  
Statey po Geod Kart Topo Aero i Gravi, Vol XIV,  
Moscow, 1946, pp 26-33.

Available GRR/Geo Div  
GSU Series A, No 20

USSR

Scientific - Geophysics

2126

LARIN, D. A.

Collection of Papers on  
Research and Production  
in Geodesy, Cartography,  
Topography, Aerial Survey,  
and Gravimetry, Moscow,  
1968.

Evaluation of the  
Precision of Triangulation  
Based on the Computation  
of Errors in the Initial  
Data

Geographic-Triangulation  
Maps, Computation,  
Geodesy

Russian

USSR

16684

UNCLASSIFIED

AIS Tr

Sep 1950 GTS

A High-Speed Push-Pull Magnetic-Transistor Amplifier for a Power Servo-Drive, by V. S. Volodin, E. D. Larin, N. A. Roschlat, G. V. Subbotina.

RUSSIAN, par, Avtomatika i Telemekhanika, Vol XX, No 3, Mar 1959, pp 323-330.

Internati Physical Index  
Automation Express  
Vol I, No 10

Sci

93, 871

Aug 59

Welding Materials, by G. N. Larin, T. V. Berg,  
6 pp.

RUSSIAN, per, Svaroch Proiz, No 12, 1960,  
pp 38-.

BWRA

Sci

*181,037*

Jan 62



Some Results of Botanical Work on Fodder Crops  
in the Semi-Desert Country Between the Volga and  
Ural Rivers at the Dzhanybek Station, by I. Larin,  
T. Gordsyeva.

RUSSIAN, per, Dok Ak Sel'skokhoz Nauk imeni Lenina,  
Vol XIII, No 4, 1958, pp 3-6.

CSIRO Tr 4961

Sci - Biol

Jun 61

157,805

Heavy Ions and the Thermal Equilibrium Ionization  
of Gases, by I. K. Larin, V. L. Tal'roze, 8 pp.

RUSSIAN, per, Kinstika i Kataliz, Vol III, No 3,  
1962, pp 305-313.

CB

Sci  
Jun 63

233,873

Larin, I. V. and Gordyeva, T. K.  
SOME RESULTS OF BOTANICAL WORK ON  
FODDER CROPS IN THE SEMI-DESERT COUNTRY  
BETWEEN THE VOLGA AND URAL RIVERS AT  
THE DZHANYBEK STATION (Nekotoryye Itogi  
Botaniko-kormovykh Rabot v Polupustynye Volgo-  
Ural'skogo Mezhdurech'ya na Dzhanybekskom  
Statsionare) tr. by M. Slade. [1960] [11]p. (foreign  
text included). CSIRO Trans. no. 4961.  
Order from LC or SLA ml\$2.40, pb\$3.30 61-15437

Trans. of [Vsesoyuznaya] Akademiya Sel'skokhozy-  
aystvenny Nauk. Doklady (USSR) 1958, v. 23, no. 4,  
p. 3-6.

61-15437

- I. Grasses--USSR
- I. Larin, I. V.
- II. Gordyeva, T. K.
- III. CSIRO Trans-4961
- IV. Commonwealth Scientific  
and Industrial Research  
Organization (Australia)

Office of Technical Services

(Agriculture--Fest Cultivation, JT, v. 5, no. 1)

Larin, I. V.

Rotation of Pastures as the System of Planned Utilization  
and Management of Pastures.

~~RUSSIAN~~ <sup>RUSSIAN</sup>, bk, Agric. Press, Moscow/Leningrad. Selbkhoegie,  
illus., 1960, pp. 251.

\*PL 480  
OTS 61-31194  
157 703

1961

Larin, I. V.  
**PASTURE ROTATION: SYSTEM FOR THE CARE AND  
UTILIZATION OF PASTURES, 3D ED REV.,** tr. by  
M. Raymist and J. Gale. 1962, 204p. 167 refs.  
PL-480 Agr.  
Order from OTS \$2.00

61-31194

Trans. of mono. Pastbishcheborot: Sistema [spol'zo-  
vaniya [3d ed. rev.] Moscow/Leningrad, 1960 [251p.].

**DESCRIPTORS:** Biology, \*Grasses, Growth, Cattle,  
Nutrition, Fertilizers, Irrigation systems, Forestry,  
Geography, Climatic factors, \*Agriculture.

The theoretical and economic principles are presented  
for the correct exploitation of pastures and the organ-  
ization of pasture land. The influence is shown of the  
incorrect use of pastures (e.g., too frequent or  
constant grazing, lack of care, etc.) on the botanical  
composition and crop yield. Measures are suggested  
(Agr. State. Plant Cultivation, VI, v. 8, no. 11(1962)).

61-31194

I. Larin, I. V.  
II. PL-480 Agr (61-31194)  
III. National Science Foundation,  
Washington, D. C.

Office of Technical Services

Larin, I. V.

PASTURE ECONOMY AND MEADOW CULTIVATION,  
tr. by A. Lapid. 1962, 641p. 281 refs. PL-480 Agr.  
Order from OCS \$9.50 61-31195

Trans. of Moscow Agricultural Institute  
Khozvaidel'nyy, Moscow/Leningrad, 1956 [544p.].

DESCRIPTORS: \*Agriculture, \*Soils, Economics,  
\*Plants, \*Grasses, \*Food, \*Cattle, Biology, Ecology,  
Geography, Classification, Water supplies, \*Fertility,  
Growth, Forestry, \*Swamps.

General information is given in this textbook on the  
biology and ecology of forage plants (Chapter I), which  
is essential for the understanding of the other chapters  
of this course. Fodder crops, poisonous, and noxious  
plants are described (Chapter II). A clear picture of  
fodder characteristics in the different natural zones  
(Agriculture, IT, 1959, no. 7) (cover)

61-31195

1. Title: Crop rotation.
2. Title: Pasture.
3. Author: Larin, I. V.
4. Title: Pasture economy and meadow cultivation.
5. National Science Foundation.
6. Office of Technical Services, Washington, D. C.

0000550

Office of Technical Services

Larin, I. V.

Grassland Management and Pasture Farming. *1956*

*1956/11*  
~~\_\_\_\_\_~~, bk, Agr. Press Moscow/Leningrad, Illus., 1956,  
pp. 544.

~~SPL~~ 480  
OTS 61-31195  
PAT 702

1961

Pasture Rotation, by I. V. Larin, 204 pp.

RUSSIAN, bk, Pastbishcheborot, 1960.

OTS 61-31194  
PL-480

USSR

Econ

Jul 62

PSI No 703

*207,763*



(DC-2700/4).

Perspects for the Development of Fodder Production  
in the Near Future in the USSR, by I. V. Larin,  
8 pp.

RUSSIAN, per, Vestnik Sel'skokhozyaystvennoy Nauk.  
No 3, 1959, pp 21-26.

JPRS-937-D

USSR

Econ; Tech - Agri, Agri machinery, livestock  
Oct 59

98528

The Cerros Quemados Volcano in Lake Ilopango, by  
Jorge Irujo y Larín, 4 pp.

SPANISH, pamphlet, Anales del Museo "David J.  
Guzmán"; Call No BIP 326899.

AMS Lib

*W.E. Spain*  
S21 - Geographic

Jan 59

*79,990*

The Chemisorption of Oxygen on Germanium, by  
R. Kh, Burshtein, L. A. Larin, G. F. Voronina,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,  
1960, pp 801-803.

CB

150,023

Sci

Apr 61