

A Study of the Structure of the Products of the Carbonization of Materials Containing Carbon, by the Methods of Electronic Paramagnetic Resonance and X-Ray Structural Analysis, by N. N. Tikhomirova, B. V. Lukin, L. L. Razuova and V. V. Voyevodskiy, 4 pp.

Russian, per, Dok Ak Nauk SSSR, Vol CXXII, No 2, 1958, pp 264 --.

Consultants Bureau

SLA

102,005

Dec 59

An X-Ray Method for Determining Molecular Order in  
Amorphous Polymers, by V. I. Kasatochkin, B. V. Iakin,  
5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XVII, No 2,  
pp 219-223, 1953.

Assoc Tech Serv 25J17R

Sci - Chem  
Aug 58

70,599

Military Endeavor in the Name of Our Country, by  
D. Lukin, 11 pp.

RUSSIAN, per, Voyenny Vestnik, No 11, 1963.

ACSI I-1614-K  
ID 2201421

Sci  
Apr 64

254,026

(NY-6725)

Treatment of Chronic Eczema and Neuro-  
dermatitis With  $\text{KBr}^{90}$ , by D. A. Lukin,  
H. K. Muratkhodzhayev, A. A. Savina, 6 pp.

RUSSIAN, per, Med Radiolog, No 11,  
1960, pp 7-10.

JPRS ~~XX867~~  
11907

181,476

Sci  
Jan 62

Treatment of Certain Skin Diseases With  
Radioactive Phosphorus, by D. A. Lukin

RUSSIAN, mo per, Voenno Med Zhur, No 4,  
Moscow, Apr 1959, pp 58-59

*Sci - Med*    US JPRS 1736-N

*Jul 59*

*92,160*

Leeches of the Subfamily Toricinae Subfam. N. and Their  
Geographical Distribution, by E. I. Lukin, V. M.  
Yepshstein, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 2,  
1960, pp 478-481.

AIBS

Sci

Aug 61

163,641

Endemic Baikal Leeches of the Family Glossiphonidae,  
by E. I. Lukin, V. M. Epshtain, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXI, No 2,  
1960, pp 457p.

AIBS

Sci  
Feb 61

139,575

Determination of Immunogenic Properties of Soybed  
Botulin Toxoids of Types C and E on Albino Mice,  
by A. A. Vorob'yev, E. P. Lukin, et al.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunobiol,  
Vol XXXIII, No 3, 1962, pp 123-127. 9209766

USDA Tr V-1827

Sci - Biol & Med Sci  
Jul 63

236,251



A Study of Botulinum Toxoids. Communication  
III: Botulinum Toxoid, Type C, by A. P. Markin,  
E. P. Lukin, E. K. Petrova, A. A. Vorob'yev.

RUSSIAN, per, Zhurnal Mikrobiologii, Epidem-  
iologii i Immunobiologii, No 12, 1961,  
pp 96-99. 9097219

UHDA Tr V-1765

184, 439

Sci - Med

Feb 62

Some Thermomechanical Properties of Pure  
Oxide Ceramics, by E. S. Lukin,  
D. N. Poluboyarinov, 6 pp.

RUSSIAN, per, Ogneupory, No 7-8, 1963,  
pp 318-322.

CB

Sci

May 64

259,229

Construction and Care of Foundations Under Small  
Industrial Buildings in the Dniepr Region, by  
G. O. Iudin. UNCLASSIFIED

RUSSIAN, Trudy, Vol I, publ by Academy of Sciences  
USSR, Moscow, 1946, pp 27 - 101.

008-6

USSR -- Economic

June 1951 OTB

A 7795

Radiointerferometer for Measuring Long  
Lengths, by G. S. Siskin, I. V. Leikin, 3 pp.

RUSSIAN, per, Izv. Akad. Nauk, No 10,  
1961, pp 8-10.

IBA

Sci

Jul 62

204,061

Structures of Hydrothermal Uranium Deposits and Some  
Problems of Their Study, by L. I. Lukin, E. P. Sonyush-  
kin, 11 pp.

RUSSIAN, Iz Ak Nauk SSSR, Ser Geolog, No 3, 1958.

Amer Geolog Inst

Sci - Geophysics

123,462

8-5021

(2620-D)

Main Results of Studying Structures of Ore Fields  
and Deposits in the USSR, by F. I. Vol'fson, V. M.  
Kreyter, L. I. Lukin, 41 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser. Geol., No 11,  
1957, pp 58-81.

JPRS L-1603-D

Sci - Geophys

Apr 59

84, 813

**Role of Studies of Structures of Ore Deposits and  
Physicochemical Properties of Rocks in Determining  
Conditions of Localization of Endogenic Ores, by  
F. I. Vol'fon, L. I. Lukin. 7 pp.  
RUSSIAN, per. Trudy Akad Nauk SSSR, Inst Geol  
Imenyh Nestorohomali, Petrografi, Mineralogii i  
Geokhimi, No 41, 1961, pp 5-12.  
AGI in International Geology Review, Vol 6, No 4,  
pp 589-595.**

*L. I. LUKIN*

Sci/Earth Sci  
May 67

326,777

The Question of Sources of Space Law, 97  
by P. I. Lukin, 26 pp.  
RUSSIAN, per, Uchenyye Zapiski Seriya  
Yuridicheskaya, 1963, pp 127-146. F100058866  
FTD-HT-66-381

P. I. Lukin

Sci - Space Tech  
Nov 66

314,158



Methods of Determining Soil Density and  
Moisture Content by Means of Radioactive  
Irradiation, by N. A. Tsytovich, V. I.  
Ferronskiy, V. A. Lukin,

RUSSIAN, <sup>AK</sup> ~~per~~, Trudy Vses Soch Tekh Konf  
Primenen Radioaktiv i Stabil Izotopov i  
Izluchenii v Narod Khoz i Nauke, 1957, Vol IV,  
1958, pp 35-40.

AEC Tr-4206

Sci - Engr  
24 Feb 61

141,055

4  
Stopper-hook - a New Device for Trawling,  
by V. P. Lukin,  
RUSSIAN, per. Rybnoe Khoz, Vol XI, No 12, 1964,  
pp 51-54,  
Dept of Interior  
Fish and Wildlife Service  
BCF, Bureau of Foreign Fisheries

*V. P. Lukin*

~~Sci-Materials~~

Jul 67

332,944

*WHR Ed*

53  
Improvement of the Analysis of the Use  
of Electronic Computer Machines, by  
V. V. Lukin.  
RUSSIAN, per, Avtomobil'naya Prom, No 1,  
1964.  
\*ACD I-7314  
ID 2204020865

Sci - Elec  
Jun 65

Carrying Capacity of Railway Cars in the  
Future, by L. A. Shadur, V. V. Lukin, 5 pp.

RUSSIAN, per, Zheleznodorozhnyy Transport,  
No 5, 1963, pp 57-61.

ACSI I-2991-E  
ID 2240830

USSR  
Econ  
Jan 64

248, 822

46  
Improvement of the Analysis of the  
Longevity and Quality of Production  
at Enterprises of the Automobile  
Industry With the Use of Electronic  
Computer Machines, by V. V. Lukin,  
13 pp.

RUSSIAN, per, Avtomobil'naya Promyshlennost  
No 1, 1964,  
ACSI I-7314  
ID 2204020065

V. V. Lukin

Sci-Elec  
Aug 55 Sept

282,573

Improving the Analysis of Product Service Life  
and Quality at Automobile Industry Enterprises  
with the Use of Electronic Computers,

by V. V. Lukin, 13 pp. FOR OFFICIAL USE ONLY

RUSSIAN, per, Avtomobil Proca, No 1, 1964,

9698054

PSTC 381-T65-302

I-7314

ID 2204020865

289,068

*Lukin, V. V.*

54  
Vaporization of Pure-Oxide Ceramics  
at High Temperatures, by Ye. S. Lukin,  
D. N. Poluboyaminov, 15 pp.  
RUSSIAN, per. Ussoury, No 9, 1964,  
pp 418-424. 9608776  
FT0577-05-954

Ye. S. Lukin

Sci - Chem  
Jan 66

291,984

Certain Properties of Calcium-Oxide Refrac-  
tories, by Ye. S. Lukin, G. A. Serova. 11 p. <sup>94</sup>  
RUSSIAN, per, Teplotfizika Vysokikh Temper-  
atur, Vol 2, No 5, 1964, pp 736-741. 969944  
FTB-TT-65-1396

*Ye. S. Lukin*

Sci/Physics  
Apr 66

298,903



(2768-D)

The Freedom of Artistic Creation, by N. Kuznetsov,  
and Yu. Lukin, 22 pp.

RUSSIAN, per, O Svobode Khudozhestvennogo  
Tvorchestva, No 15, Moscow, 1956, pp 74-89.

JPRS L-1642-D

USSR  
Fol  
Apr 59

85,522

Proton-Proton Interaction at 9 Bev by V. A.  
Kobzarev, Ya. P. Lohin, 4 pp.

NUCLEAR, per, Short Note Paper 1 Teoret Fiz, Vol. XII,  
No 3, 1961, pp 747-751.

AIP  
Sov Phys - JHEP  
Vol XIV, No 3

733

Sci

Jun 62

Energy Spectrum of Mesons from Nuclear Disintegrations Produced by 9-Bev Protons, by Yu. T. Lukin, Zh. S. Takibayev, E. V. Shalagina, 3pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVIII, No 4, 1960, pp 1074-1077.

AIP  
Sov Phys - JETP  
Vol XI, No 4

Sci  
Nov 60

132, p 65

Isomerization of 1,1,2-Trimethylcyclopropane in  
Presence of Palladized and Platinized Charcoals,  
by M. Yu. Lukina, S. V. Zotova, B. A. Kazanskiy,  
5 pp.

RUSSIAN, per, Izvest. Akad. Nauk SSSR, Otdel Khim. Nauk,  
No 3, 1958, pp 300-304.

Consultants Bureau

Sci - Chem

Apr 60

112,302

Catalytic Isomerization of Hydrocarbons of the  
Cyclobutane Series, by M. Yu. Lukina, L. A. Nakha-  
petyan, V. A. Ovodova, B. A. Kazanskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 3,  
EE pp 567-570.

CB

Sci  
Aug 60

126,395

Conversion of Isopropenylcyclopropane in  
the Presence of Kieselguhr, by M. Yu. Lukina,  
S. V. Zotova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,  
No 2, 1961, pp 381-384.

CB

Sci

200,779

Jun 62

Catalytic Transformations of Alkylcyclopropanes in the Presence of Platinum and Palladium Supported on Ashless Activated Carbon, by M. Yu. Lukina, S. V. Zotova, B. A. Kazanskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 2, pp 341-344.

CB

Sci  
Aug 60

126,385

Synthesis of 2-Cyclobutylbutane and 3-Cyclobutylpentane, by B. A. Kasansky, M. Yu. Lukina, L. A. Kakhapetyan, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, 1957, pp 692-696.

Consultants Bureau

Sci - Chem

May 59

86,957



Catalytic Hydrogenation of Methylcyclopropyl  
Ketone, by B.A. Kazansky, M. Yu. Lukina, L.G.  
Saynikova, ~~3~~ 3 pp.

RUSSIAN, <sup>•</sup> ~~pp~~, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 11, 1957, pp 1401-1402.

Consultants Bureau

Sci - Chem

May 59

87,010

es,  
Catalytic Transformations of Heterocyclic  
Compounds. XLVIII. Preparation of 3-Isocamyl-,  
3-Hexyl- and 3-p-Tolyltetrahydrothiophenes from  
the Corresponding Furanidines, by Yu. K. Turyev,  
E. M. Lukina, Yu. N. Polikarpov, V. P Volkov,  
4 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 2,  
1956, pp 553-556. CIA 9007073 C, Reel No 64

*Sci - Chem*

*41, 735*

Consultants Bureau

*Sci - Chemistry*

Sci - Chemistry  
Dec 56 073

$\beta$ -Tetrahydrofuranone and the Synthesis of  
 $\beta$ -Alkyl- and  $\beta$ -Aryltetrahydrofurans, by Yu. K.  
Yuryev, E. M. Lukina and I. K. Korobitsyna, *ibid.*

Full translation.

RUSSIAN, *mo per*, Zhur Obshch Khim, Vol 8 XXIV,  
No 7, 1954, pp 1238-1241. CIA C 41479

Consultants Bureau

Scientific - Chemistry  
Apr # 56 CTS/dex

32,990

The Problem of Sleep Therapy ~~k~~ in the Psychiatric  
Clinic, by A. M. Lukina, 10 pp.

RUSSIAN, bk, Voprosy Psikhiatrii i Nevropatologii,  
No 3, 1958.

OTS 60-21173  
PL-480

Sci - Med

Apr 62

PST 210

Production of Bis-Pyran Type 3,4-Diketones of the  
Furanidine Series, by I. K. Korobitsyna, Yu. K. Yuryev  
Yu. A. Cheburkov, E. M. Lukina, 4 pp.

RUSSIAN, no per, Zhur Oshch Khim SSSR, Vol XXV,  
No 4, Apr 1955, pp 734-738. CIA C 39500

Consultants Bureau

Scientific - Chemistry  
Nov 55 CTS/DEX

28,886

the Production of  $\beta$ -<sup>n</sup>-Aryl- and  $\beta$ -Phenylthiophane  
by Catalytic Conversion of the Corresponding  
Furanidines, by Yu. K. Yuryev, E. M. Lukina, 2 pp.

Full translation.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXIV, No 8  
1954, pp 1449-1451. CIA C 41477

Consultants Bureau

33, 3/5

Scientific - Chemistry  
Apr 56 CTS/dex

$\beta$ -Aminofuranidine and Diglycolic Acid From  
 $\beta$ -Furanidone, by I. K. Korobitsyna, Yu. K.  
Yuryev, E. M. Lukina, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 3,  
USSR, Mar 1955, pp 563, 564. CIA C 39388

Consultants Bureau

Scientific - Chemistry  
CTS 74/Nov 55

27,953

Rapid Determination of Calcium and Magnesium Oxides  
Using the Trilon B Method, by V. V. Myshlyeva, M. N.  
Lukina, 3 pp.

RUSSIAN, bimc per, Tsement, No 5, Sep/Oct 1956,  
pp 23-25.

Consultants Bureau

Sci - Engineering, Chemistry  
Jun 57

49,083



Hydrogenation of Vinylcyclopropane and  
1-Methyl-1-isohexenyl-cyclopropane in the  
Presence of Platinum and Palladium, by B. A.  
Kazansky, M. Yu. Lukina and L. G. Sainikova,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,  
1957, pp 301-304.

Consultants Bureau

Sci - Chem

Aug 58

70,946

Hydrogenation of Ethylcyclobutane and 1,1,2-  
Trimethylcyclopropane in the Presence of Pal-  
ladiized Carbon, by M. Yu. Lukina, S. V.  
Zotova, B. A. Kazanskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 5,  
1957, pp 793-796.

Consultants Bureau

Sci - Chem  
Oct 58

74, 311

④  
Hydrogenation of Cyclopropylbenzene in Presence  
Of Palladium and Platinum ~~XXXXXX~~ Blacks,  
by B. A. Kazanskiy, M. Yu. Iukina, and I. L.  
Sofonova, 3 pp.

⑤  
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 1, 1958, pp 102-103.

Consultants Bureau

Sci - Chem

May 59

86, 878

<sup>B</sup>  
Hydrogenation of Isopropenylcyclopropane in  
Presence of Platinum Black, by B.A. Kazansky,  
M. Yu Lukina, A. I. Malyshev, V.T. Aleksanyan,  
Kh E. Sterin, <sup>7</sup> pp.

RUSSIAN, per Iz Ak Nauk SSSR, Otel Khim Nauk,  
No 9, Sep 1957, pp 1102-1108.

1956

Consultants Bureau

50,434

Sci - Chem  
Jul 57

Catalytic Vapor-Phase Hydrogenation of Iso-  
propylcyclopropane and Isopropenylcyclopro-  
pane, by B. A. Kazansky, M. Yu. Lukina, A. I.  
Malyshev, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 11, 1956, pp 1399-1403.

Consultants Bureau

Sci - Chem

Jun 58

65,478

Heats of Combustion of Some Phenylcyclopropane, by  
M. P. Konina, M. Ya. Lukina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVIII, No 4,  
1961, pp 843-845.

CS

Sci

May 62

197,801

Raman Spectra of Some Hydrocarbons of the Cyclobutane Series, by V. T. Aleksanyan, M. Yu. Lukina, Kh. E. Sterin, B. A. Kazanskiy 3 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Fiz, Vol XVIII, No 6, 1954, pp 699-701. CIA C 40664

Columbia Tech Tr

Scientific - Physics 31,723

Feb 56 CTB/DEK

Isomerisation of ~~Highly~~ Ethylcyclopropane on Silica  
Gel Under the Conditions of Chromatographic Adsorp-  
tion Analysis, by B. A. Kasensky, V. T. Aleksanyan,  
N. Yu. Lukins, A. I. Malyshov, Kh. E. Sterin, 2 pp.

RUSSIAN, *hinc par*, In Ak Nauk SSSR, Otdel Khim  
Nauk, No 6, Nov/Dec 1955, pp 1118, CIA 542764 C,  
reel 3.

Consultants Bureau

Sci - Chemistry

37,649

Aug 1956



Catalytic Transformations of 1,1,2-Trimethylcyclo-  
propane in Presence of Palladized Carbon and Activated  
Carbon, by M. Yu. Lukina, S. V. Zotova, B. A.  
Kazanskiy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol <sup>X</sup> CIV, No 4, <sup>1957</sup> 4 pp  
792-795.

Consultants Bureau

Sci - Chem  
Aug 58

69, 142

Hydrogenation of Isopropanylcyclopropane in ~~RUSSIAN~~  
Presence of Palladium Black, by B. A. Kazansky, M. Yu.  
Lukina, A. I. Malyshev, V. T. Aleksanyan, Kh. E. Sterin  
8 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 1, Jan/Feb 1956, pp 36-42. CIA 542767 C,  
reel 3.

Consultants Bureau

Sci - Chemistry

Aug 1956

37,569

Synthesis and Catalytic Hydrogenolysis of 1,1,2-Tri-  
methylcyclopropane, by D. A. Kazansky, M. Yu. Lukina,  
V. A. Ovodova, 4 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 5, Sep-Oct 1954, pp 878-881. CIA C 39501

Consultants Bureau

Scientific - Chemistry  
Nov 55 CTS/DEK

28,841

Synthesis of 1-Methyl-3-Propylcyclobutane, by  
B. A. Kazansky, M. Yu. Lukina, 2 pp.

Full translation

RUSSIAN, bimo per, Is Ak Nauk SSSR, Otdel Khim Nauk,  
No 1, USSR, Jan/Feb 1954, pp 173. CIA D 151104

Consultants Bureau

Scientific - Chemistry

OTS 66/Mar 55

24,858

Synthesis of Hydrocarbons of the Cyclobutane Series.  
Communication 2. 1-Methyl-3-ethylcyclobutane and  
D1-(3-methylcyclobutyl)-Methane, by B.A. Kazansky,  
M. Yu. Lukina, 6 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 2, Mar-Apr 1952, pp 314-322.

Consultants Bureau

USSR  
Scientific - Chemistry

Mar 54 CEB/DEX

10, 245

3,4-Diketones of the Furanidine Series of the  
Bispyran Type in the Synthesis of Condensed  
Heterocyclic Systems, by I. K. Korobitsyna, Yu. K.  
Yuryev, Yu. A. Cheburkov, E. M. Lukina, 6 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 7,  
Jul 1956, pp ~~2058-2062~~ 2058-2062.

Consultants Bureau

Sci - Chemistry  
Nov 57

55, 042

(SF-1875)

Questions of Kolkhoz Construction in Light of the  
Draft Program of the CPSU, by I. Lukinov, 15 pp.

RUSSIAN, per, Kommunist, No 12, Aug 1961, pp 69-78.

JPRS 10898

USSR

*174,774*

Econ

Dec 61

The Effect of Ionizing Radiation on the Corrosion  
Behavior of Metals in Carbon Tetrachloride, by A. V.  
Ryalobzhenkiy, V. N. Lukinsheva, 7 pp.

RUSSIAN, per, Atom Energ, Vol XI, No 2, 1961,  
pp 170-176.

CS

Sci

Jul 62

204,318



Use of Diffraction Gratings and Echelettes in the Ultra-Soft X-Ray Region

By A. P. Lukirskiy and E. P. Savinov pp. 5

RUSSIAN, per, Optika i Spektro, Vol XIV, No 2, 1963, pp. 285 - 294

OSA

Sci

344,598

Aug 63

A Spectrometer for Ultra-Soft X-Ray Radiation  
With Comprehensive Registration of Radiation  
by Means of Secondary-Electron Multipliers  
and a Geiger Counter, by A. P. Lukirskiy.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, No 8,  
1961, pp 913-918.

ERDL, Ft Belvoir T-1620

Sci - Phys  
Aug 62

*211, 420*

Concerning the use of Secondary-Emission Multipliers  
for Investigating Soft X-Ray Spectra, by M. A.  
Rumsh, A. P. Lukirskiy, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,  
No 8, pp 1060-1065.

CTT

Sci

Aug 62

5  
214,833

Use of X-Ray Bremsstrahlung for Investigation of  
Absorption Spectra in the Ultrasoft Region, by  
A. P. Lukirskiy, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,  
No 8, pp 910-912.

CIT

Sci

Aug 62

214,558

Spectrometer for Ultrasoft X-Radiation with Combined  
Detection by Means of Secondary-electron Multipliers  
and a Geiger Counter, by A. P. Lukirskiy, 6 pp.

✶ RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,  
No 8, pp 913-918.

CTT

Sci

214,559

Aug 62

A Vacuum X-Ray Monochromator for Determining the  
Absolute Efficiency of Radiation Receivers, by  
M. A. Ruzh, A. P. Lukiyak, et al, 7 pp.

RUSSIAN, per, Priroda i Tekhnika, No 5, 1960,  
pp 67-73.

ISA

801  
22 Jun 62

800,082

Investigation of the Energy Structure of Be  
and BeO by Ultra-Soft X-Ray Spectroscopy,  
by A. P. Lukirskiy, I. A. Brytov, 10 pp.

RUSSIAN, per, Fiz, Tverdogo Tela, Vol VI, No 1,  
1964, pp 43-53.

Amer Inst of Phys  
Sov Phys - Solid State  
Vol VI, N~~o~~ 1

Sci-  
Aug 64

265,372

Reflection Coefficients of Radiation in the  
Wavelength Range From 23.6 to 113 A for a  
Number of Elements and Substances and the ~~Determination~~  
Determination of the Refractive Index and  
Absorption Coefficient, by A. P. Lukirskiy,  
E. P. Savinov, 5 pp.

RUSSIAN, per, Optika i Spektro, Vol XVI, No 2,  
1964, pp 310-~~318~~319.

Optical Soc of Amer

Sci  
Jun 64

260,084



Operation of Proportional Counters in the Ultrasoft  
X-Ray Region, by A.P. Lukirakii, O. F. A. Ershov et al,  
11 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,  
Vol XXVII, No 6, 1963, pp 798-807.

CTT

Sci  
Jun 64

261, 853

X-Ray Monochromator for Ultraviolet Radiation With  
the Recording of the Absolute Number of Quanta, by  
A. P. Lukirskiy, M. A. Ruzh, L. A. Smirnov, 3 pp.

RUSSIAN, per, Optika i Spektro, Vol IX, No 4,  
1960, pp 505-510.

OSA

Sci

Mar 61

141,550

Use of the Phenomenon of "Total External Reflection"  
for Filtering the Continuous Spectrum in the Ultra-  
Soft X-Ray Region, by A. P. Lukirskiy, Yu. A.  
Omsl'chenko, 3 pp

RUSSIAN, per, Optika i Spektro, Vol VIII, No 4,  
1960, pp 563.

003

151,047

003  
100,001

Measurement of the Photoelectric Yield of the  
External Photoeffect under the Action of X-Rays  
in the Wavelength Range 1.54-13.3 Å, by A. P.  
Lukirskiy, M. A. Rumsh, I. A. Karpovich, 3 pp

RUSSIAN, per, Optika i Spektro, Vol II, No 5,  
1960, pp 653-657

OSA

Sci  
May 61

151,061

Photoeffect for Metallic Cathodes in the  
Wavelength Region From 1.39 to 13.3 A., by  
M. A. Rumsh, A. P. Lukirskiy, V. N. Shchemelev  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No  
1960, pp 55-57.

AIP  
Sov Phys - Dok  
Vol V, No 6

Sci

Jun 61

156,327

Measurement of the Photoelectric Yield for Ultra-  
soft X-Radiation, by A. P. Inkirakiy, M. A. Rumsh,  
L. A. Smirnov, 3 pp.

RUSSIAN, per, Optika i Spektro, Vol IX, No 4,  
1960, pp 511-515.

OSA

Sci

Mar 61

141, 552

Energy Spectrum of Defects Produced in Silicon by  
Irradiation with Electrons by N. A. Vitovskiy and  
D. P. Lukirskiy. ~~pp~~ 5pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 5,  
1962, pp. 1140-1145

Amer Inst of Phys  
Sov Phys - Solid State  
Vol IV, No 5

Sci

Jun 63

342,389

Energy Spectrum of Defects Produced in Silicon by  
Irradiation with Electrons by N. A. Vitovskiy and  
D. P. Lukirakiy ~~pp~~ 5pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 5,  
1962, pp. 1140-1145

Amer Inst of Phys  
Sov Phys - Solid State  
Vol IV, No 5

Sci

Jun 63

342,389



A Two-Meter Curved-Crystal  $\gamma$ -Ray Spectrometer,  
by P. I. Lukirskiy, O. I. Sumbayev, 5 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,  
No 8, 1956, pp 903-908.

Columbia Tech

Sci - Phys

53,270

Sep 57

Energy Levels of  $Mn^{56}$  and  $V^{52}$ , by F. I. Lukir-  
skii.

Full translation.

RUSSIAN, par, Dok Akad Nauk SSSR, Vol 73, 1950,  
pp 921-924.

AEC Tr 1229

Scientific - Physics

A-7300

Velocity Dependence of Lithium Ion Charge,  
by M. I. Kuznetsov, P. I. Lukirakly, N. A.  
Persilov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol C,  
1955, pp 665-667. CIA 9040122

AEC Tr 2714

Sci - Physics  
Jun 57

48,625

A Vacuum X-Ray Spectrograph with Geiger Counter  
for the Investigation of the Power Levels in  
Solids, by A. P. Lukivskiy, 8 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol II, No 3,  
1957, pp ~~XXXXXX~~ 328-333.

Pergamon Inst  
ATS - RI - 902

~~28~~  
28  
Tropical Cyclones of the Pacific Ocean,  
by B. F. Lukjanov.  
RUSSIAN, per. Trudy Akad. Nauk. Inst. Okeanogr.  
Vol 72, 1963, pp 52-68.  
NLL Ref: 5828.4F (7195)

B. F. LUKJANOV

Sci-Atmos  
Jan 69

372.611

November 12 Commemorates the First National  
Uprising Under Labor Leadership, by  
M. Lukman, 15 pp.

INDONESIAN, d np, Harian Rakjat, Vol VII,  
No 1895, Djakarta, 13 Nov 1957.

US JPRS/DC-6

FE - Indonesia  
Pol  
Feb 58

59,391

NY-6239

"Harian Rakjat" Is a Powerful Weapon for Increasing  
the Political Awareness of the People, by M. H.  
Lukman, 5 pp.

INDONESIAN, np, Harian Rakjat, 31 Jan 61, p 1.

JPRS 8411

156,493

FE - Indonesia  
Pol  
Jun 61

W-1931

The Use of Regional Legislative Councils For Defending  
Democracy and the People's Interests - (Report of M. H.  
Lukman to the Sixth Plenary Session of the Central  
Committee of the Indonesian Communist Party,) by  
M. H. Lukman.

INDONESIAN, np, Harian Rakjat, Djakarta, 5 Apr 1958.

Jun 58



(SF-1158)

Report on Changes in the Communist Party Constitution,  
by M. H. Lukman, 35 pp.

INDONESIAN, pamphlet, 1959, pp 3-54.

JPRS 4411

FE - Indonesia

Pol

Mar 61

142,030