

Khaikin, M. S., Derstuganov, G. V. and others.
THE DEVELOPING PROPERTIES OF SOME 4-AMINO-
5-PYRAZOLONES AND THEIR DERIVATIVES. [1961]
10p.

Order from ATS \$13.60

ATS-38N56R

Trans. of Vsesoyuz[ny] Nauch[no]-Issledovatel'skii
Kinfotoinst[itut] Trudy (USSR) 1960, no. 37, p.17-26.

DESCRIPTORS: *Amines, *Pyrazolones, *Pyrazolone
derivatives, *Photographic chemicals, Chemicals,
Physical properties.

(Materials--Photographic, TT, v. 7, no. 3)

62-12166

- I. Khaikin, M. S.
- II. Derstuganov, G. V.
- III. ATS-38N56R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Meiklyar, P. V., Rizaeva, I. S., and Ignat'eva, Z. P.
REDUCTION OF SILVER HALIDE IN THE PROCESS
OF PREPARATION OF EMULSIONS. 1961, 6p.
Order from CTT \$10.00 CTT-61K119

Trans. of [Vsesoyuznyi] N[aučno]-I[ssledovatel'skii]
K[ino]f[oto]i[nstitut]. Trudy (USSR) 1960, no. 37,
p. 50-57.

DESCRIPTORS: *Photographic emulsions, Preparation,
*Silver compounds, *Halides, Reduction.

(Materials--Photographic, TT, v. 8, no. 1)

62-12982

- I. Meiklyar, P. V.
- II. Rizaeva, I. S.
- III. Ignat'eva, Z. P.
- IV. CTT-61K119
- V. Columbia Technical
Translations, White Plains,
N. Y.

Office of Technical Services

A Study of the Aging of Photographic Emulsions, by
A. V. Dorin, M. V. Mishakova, 5 pp.

RUSSIAN, per, Trudy Vses Nauch-Issled K' Fotoinst.
No 37, 1960, pp 95-106.

CIA/FDD XX-1108
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Mar 62

185,960

USIB INTERNAL USE ONLY

Levkoev, I. I., Sveshnikov, N. N. and others.
SOME THIACARBOCYANINES CONTAINING ETHYL
OR ISOPROPYL GROUPS IN HETEROCYCLIC RES-
IDUES. Pt. 14 on Investigations in the Field of Cya-
nine Dyes. [1961] 8p.

Order from ATS \$11.25

ATS-09N57R

Trans. of Vsesoyuz[ny] Nauch[no]-Issledovatel'skii
Kinofotoinst[itut] Trudy (USSR) 1960, no. 40, p. 5-11.

DESCRIPTORS: *Cyanines, *Dyes, Ethyl radicals,
Propyl radicals, Heterocyclic compounds, Photo-
graphic chemicals

(Materials--Photographic, TT, v. 7, no. 8)

62-12390

- I. Levkoev, I. I.
- II. Sveshnikov, N. N.
- III. Title: Investigations...
- IV. ATS-09N57R
- V. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Khelfets, S. A. and Sveshnikov, N. N.
5,5'-AND 6,6'-DIPHENYLTHIACARBOCYANINES. Pt.
15 of Investigations in the Field of Cyanine Dyes. [1961]
9p.
Order from ATS \$14.95

ATS-10N57R

Trans. of Vsesoyuz[ny] Nauch[no]-Issledovatel'skii
KinoFotoInst[itut]. Trudy (USSR) 1960, no. 40, p. 12-20

DESCRIPTORS: *Phthalocyanines, *Dyes.

(Materials--Photographic, TT, v. 7, no. 3)

62-12209

- I. Khelfets, S. A.
- II. Sveshnikov, N. N.
- III. Title: Investigations ...
- IV. ATS-10N57R
- V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

Levkoev, I. I. and Durmashkina, V. V.
SOME PROPERTIES OF QUATERNARY SALTS OF
9-METHYLPHENANTHRIDINE. Pt. 16 on Investiga-
tions in the Field of Cyanine Dyes. [1961] 5p.
Order from ATS \$9.00 ATS-08N57R

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii
Kinofotoinst[itut] Trudy (USSR) 1960, no. 40, p. 21-25.

DESCRIPTORS: *Cyanines, *Dyes, Salts, Methyl
radicals, *Phenanthridines, Photographic chemicals

(Materials--Photographic, TT, v. 7, no. 8)

62-12363

- I. Levkoev, I. I.
- II. Durmashkina, V. V.
- III. Title: Investigations...
- IV. ATS-08N57R
- V. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Synthesis of Dimerocyanine Dyes Derived From 1,3-
Disubstituted 4-imidazolidinones, by M. V.
Deichmeister, L. D. Zhilina, 6 pp.

RUSSIAN, per, Trudy Vses Nauch-Issled Kinofoto Inst,
No 40, 1960, pp 26-33.

CIA/FDD XX-1110

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Natanson, S. V.
ADSORPTION OF CYANINE DYES ON SILVER
HALIDES. [1961] 15p.
Order from ATS \$16.95 ATS-13N57R

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii
Kinofotoinst[itut]. Trudy (USSR) 1960, no. 40,
p. 34-49.

DESCRIPTORS: *Phthalocyanines, *Dyes, Adsorption,
*Silver compounds, *Halides, Adsorbents.

(Chemistry--Physical, TT, v. 7, no. 3)

62-12208

I. Natanson, S. V.
II. ATS-13N57R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Effects of Crystal Composition on Spectral Response
for Silver-Halide Photographic Emulsions, (E-829), by
S. V. Natanson, M. M. Kostina, 9 pp.

RUSSIAN, per, Trudy Vses Nauch-Issled Kinofoto Inst,
No 40, 1960, pp 50-61.

CIA/FID XX-1122

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Pokrovskaya, K. I.

FORMATION OF SILVER COMPLEXES BY THIATRI-CARBOCYANINES CONTAINING VARIOUS SUBSTITUENTS IN THE POLYMETHINE CHAIN. Pt. 3 of Complex Compounds of Polymethine Dyes with Silver Ions. [1961] 7p.

Order from ATS \$10.25

ATS-14N57R

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii
Khimicheskii Inst., Trudy (USSR) 1960, no. 40, p. 86-94.

DESCRIPTORS: *Complex compounds, *Silver compounds, Synthesis, *Phthlocyanines, *Dyes, Silver, Ions.

(Materials--Photographic, TT, v. 7, no. 3)

62-12207

I. Pokrovskaya, K. I.
II. ATS-14N57R
III. Title: Complex ...
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Structure of Dyed Compounds Formed During the
Oxidation of Color Couplers, Pyrazalone (5) Derivatives,
in Air Oxygen, by I. A. Solov'yeva, I. I. Levkoyev,
18 pp.

RUSSIAN, per, Trudy Vsesoyuznogo Nauchno-Issled. Kinofoto-
Instituta, No 40, 1960, pp 95-105.

CIA/FDD XX-1230

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OTA 62-18-46

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211, 436

Aug 62

Azomethine Dyes Part 4. Amide-N-Heterocyclic
Derivatives of Amides of 1,2-Hydroxynaphthoic Acid, by
B. S. Portnaya, T. P. Bobkova, 16 pp.

RUSSIAN, per, Trudy Vses Nauch-Inalel Kinofoto-
Instituta, No 40, 1960, pp 106-118.

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CTS 63-18532

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Sci

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Zelikman, V. L., Dmitrieva, V. A., and
Kondrat'eva E. B.
SEDIMENTATION OF PHOTOGRAPHIC EMULSIONS
USING INCLINED PLATES. 1961, 4p.
Order from CTT \$8.00 CTT-61K111

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii
Klino[foto]Institut, Trudy (USSR) 1961, no. 35,
p. 54-59.

DESCRIPTORS: *Photographic emulsions, Sedimenta-
tion, Photographic plates.

(Materials--Photographic, TT, v. 8, no. 1)

62-12991 Rev.

- I. Zelikman, V. L.
- II. Dmitrieva, V. A.
- III. Kondrat'eva, E. B.
- IV. CTT-61K111
- V. Columbia Technical Trans-
lations, White Plains, N. Y.

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Some Aspects of the Phenomenon of Supersensitization,
by M. K. Grechko, S. V. Natanson, 40 pp.

RUSSIAN, per, Trudy Vsesoyuzn Nauch Issled
Kinofotoinst, Vol XLIII, 1961, pp 47-70.

CIA/FDD XX-1456
No Foreign Dissem

Sci - Physics
Oct 63
NUSIB Internal Use Only

Investigation of Metallic Materials Stable in
Molten Zinc-Base Typographic Alloys, by
N. I. Moskvina.

RUSSIAN, per, Trudy Vses Nauch Issled X 1
Konstruk Inst Khim Mash, No 34, 1960,
pp 12-25.

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Sci - Min/Met
Jun 62

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Physico-Chemical Changes Taking Place in Meat
During Storage, by V. Pal'min.

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Myasnoi Prom, Vol VII, 1955, pp 3-14.

CSIRO 4014

Sci - Chem
Aug 62

211, 335

List of Works by the Staff of the All-Union
Scientific Research Institute of Plant
Protection Published in 1953 and 1954, NY

RUSSIAN, per, Vsesoyuzn Nauch Issled Inst Zashch
Rast. Zhizny, Vol. XIV, 1960, pp 207-226.
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USDA X Tr A-1325

Sci - Biol

203, 264

Jun 62

Chibisov, K. V. and Karpova, A. L.
INVESTIGATION OF THE PHOTOGRAPHIC ACTIVITY
OF GELATINE. [1963] [17p] 7refs
Order from OTS, SLA, or ETC \$1.60 TT-64-14777

Trans. of ~~Wsesoyuznyi~~ Nauchno-Issledovatel'skii
Kinofotoinstitut. (Trudy USSR) 1961, no. 42, p. 35-43.

(Materials--Photographic, TT, v. 11, no. 11)

TT-64-14777

I. Chibisov, K. V.
II. Karpova, A. L.

Office of Technical Services

Sheberstov, V. I.

INVESTIGATION OF THE ENERGY OF ACTIVATION
OF THE DEVELOPMENT OF PHOTOGRAPHIC
LAYERS. 116p 4 refs

Order from OTS, SLA, or ETC \$9.60 TT-64-16546

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii
Kinofotoinstitut. Trudy (USSR) 1961, no. 42, p. 66-123.

(Materials--Photographic, TT, v. 12, no. 3)

TT-64-16546

I. Sheberstov, V. I.

Office of Technical Services

Korzhukov, N. G. and Nazarov, S. Kh.
MAGNETIC POWDER, TYPE 4, MAGNETIC SOUND
CARRIERS. [1963] 9p.
Order from ATS \$12.50 ATS-28Q70R

Trans. of Vsesoyuznyy Nauchno-Issledovatel'skiy
Kinofotoinstytut, [Trudy] (USSR) 1961, no. 43,
p. 71-79.

DESCRIPTORS: *Powders, Magnetic properties,
*Magnetic recording systems, Sound reproduction
systems, Magnetic materials, Magnetic tape.

(Physics--Magnetism, TT, v. 10, no. 9)

63-22164

I. Korzhukov, N. G.
II. Nazarov, S. K.
III. ATS-28Q70R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Analysis of the Spectral Reflecting
Properties of Natural Formations With the
Air of Selecting the Optimal Zones of
Sensitization on Light-Sensitive Films,
by S. M. Solvyev, A. L. Starosel'skiy.
RUSSIAN, per, Trudy Vsesoy Nauch Issled
Kino, 1962, pp 104-119.
*FTD-HT-66-761

Sci - Mech, Industrial, Civil
& Marine Engr
Dec 66

The Dynamics of the Decay of Vegetation
Remains and Interaction of the Decay Pro-
ducts with the Forest Soil, by V. S. Shu-
makov,

RUSSIAN, per, Trudy Vsesoyuznogo Nauchno-
Issledovatel'skogo Instituta Lesnogo Khoz-
yaystva, Vol. I, 1941, pp 19-128.

*CFSTI TT 67-51384

Sci-Ear Sco
Nov 66

Effectiveness of Chlorophos and Its Ethyl
Homolog in Controlling the Larvae of the
Warble Fly Infesting Reindeer, by D. V. Sa-
vel'ev and N. P. Mezenov,

RUSSIAN, per, Trudy Vsesoyuznyi Nauchno-Iss-
ledovatel'skiy Institut Veterinarnoi Sani-
tariy, Vol XXIV, 1964, pp 335-338.

*CPSTI TT 67-51242

Sci-B&M
Nov 66

XXXXProceedings of the All-Union Meteorological
Conference, by M. I. Budyko.RUSSIAN, bk, Trudy Vsesoyuznogo Nauchnogo
Meteorologicheskogo Soveshchaniya, Leningrad,
1962, 187 pp.

NASA TT F-2168

NLL 9022.51 1964 (249) on loan

Sci-Ear Sci & Astron
Jul 64

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Effect of Thermomagnetic Treatment on Internal
Friction of Perminvar and 66-Permalloy, by
F.N. Dunayev, N.S. Malev, et al. 31 pp.
RUSSIAN, per, Trudy III. Vsesoyuznoy Nauchnoy
Konferentsii. Relaksatsionnyye Yavleniya v
Metallakh i Splavakh, 1963, pp 214-220.
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FTD-MT-65-262

Sci/Materials
Nov 67

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Investigation of Regularities of Stress Relaxation, by G.F. Lepin, L.M. Toptunova. 31 pp.
RUSSIAN, rpt, Trudy III. Vsesoyuznoy Nauchnoy
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P100282367

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Sci/Materials

Nov 67

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Relaxation Stability of Certain Iron-Nickel
Alloys, by S.I. Doroshek, A.M. Tseytlin. 31 pp.
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Konferentsii. Relaksatsionnyye Yavleniya v
Metallakh i Splavakh, 1953, pp 326-331.

P100282367

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Sci/Materials
Nov 67

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The Development of Antifriction Bearing Designs,
by P. N. Sidorov.

RUSSIAN, per, Vsesoyuznyy Mashino-Issledovatel'skiy
i Konstruktersko-Tekhnologicheskii Institut Podship-
nikovoy Promyshlennosti. Trudy, Issue 3(35), 1963,
pp 31-39.

*FTD-HT-23-97-68

Sci-Mech Engr
Feb 68

RESEARCH IN CLIMATE THEORY, BY L. P. RAKIPOVA,
13 PP.

RUSSIAN, PER, TRUDY VSES NAUCH METEOROL SOVESH,
VOL IV, 1962, PP 52-59.

JPRS 20782

SCI - EAR SCI
AUG 63

342,817

S-13/64

Modern Methods of Climatology and Prospects
of Its Development, by S. A. Sapozhnikova.
(DC-10218)

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Vol IV, 1962, pp 65-73.

*JPRS

Sci - Earth Sci & Astron
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Soviet and Foreign Research on the
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1962, pp 252-259.

*JPRS

Sci - Earth Sci & Astron
Jan 64

S-13/64

Analysis of Statistical Helioclimatical Relations,
by O. A. Dorzkov. (DC-10218)

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Meteorologicheskogo Soveshchaniya - Pervogo,
Vol IV, 1962, pp 259-270.

*JPRS

Sci - Earth Sci & Astron
Jan 64

THE USE OF MONOMOLECULAR FILMS FOR DECREASING
EVAPORATION FROM A WATER SURFACE, BY V. S.
MAKAROVA, 14 PP.

RUSSIAN, PER, TRUDY VSES NAUCH METEOROL SOVESHCH,
VOL IV, 1962, PP 460-470.

JPRS 20782

SCI - EAR SCI
AUG 63

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S-635/63

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Sci - E. S. & Astr.
Jul 63

S-1213/63

Table of Contents, by A. M. Obukhova, *3 pp*

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1963, pp 241-242.

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*CPAS/NT-7978/Special

Sci - E S & Astron
Dec 63

Yaglom, A. M.
STATISTICAL METHODS FOR THE EXTRAPOLA-
TION OF METEOROLOGICAL FIELDS
N. Friedman, tr. [29p] 43 refs AD-601 752
Contract DA36 039ac78222
Order from OTS, SLA, or ETC \$2.60 TT-64-19168

Trans. of mono. [Vsesoyuznoe Nauchnoe
Meteorologicheskoe Sovechaniye] (All-Union Scientific
Meteorological Conference) (no. 2). [Trudy]
Leningrad, 1963.

(Earth Sciences--Meteorology, TT, v. 12, no. 6)

TT-64-19168
Shelved as
AD-601 752

- I. Yaglom, A. M.
- II. Title: All-Union ...
- III. Brown Univ.,
Providence, R. I.
Div. of Applied
Mathematics
- IV. AD-601 752
- V. Contract DA36
039ac78222

Office of Technical Services

Concerning the Influence of Mountain Massifs on
Atmospheric Circulation, by D. A. Drogatsev.
7 pp.

RUSSIAN, per, Trudy Vsesoyuznoye Nauchnoye
Meteorologicheskoye Soveshchaniye, Vol 3,
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AIR/FTD/MT-24-301-67

Sci/Atmospheric Sci
Feb 69

375,545

Connection of Fluctuating Conditions of Solar
Activity and Total Circulation of Terrestrial
Atmosphere, by M. S. Eygenson, T. L. Mandrykina.
9 pp.

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1963, pp 156-161.

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Feb 69

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Concerning the Influence Cycles of Solar Activity of Various Duration on Certain Characteristics of Atmospheric Processes, by L. A. Vitel's.
19 pp.

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Sci/Atmospheric Sci
Feb 69

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4 Feb 70

SF

Increasing the Sensitivity of an Aerological
Radar Receiver by A.G. Gorelik,

book, Trudy Vsesouznogo Nauchnogo Meteorologicheskogo
Soveschaniya, Leningrad, 1963, Vol.IX,
pp 145-153,

Publish ad hoc,
repro graphics,

book-do not mutilate,

Some Problems in the Theory of the Formation
of Clouds and Precipitation, by N. S. Shishkin.
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Soveshchaniia, Vol 5, 1963, pp 3-9.
Tr No 18, Sept 1968
AIR/AFCL/68-0461

Sci-Atmos
Jan 69

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Large Particles in Clouds, by A. M. Borovikov,
I. P. Mazin, 8 pp.

RUSSIAN, per. Trudy. Vsesoyuznoye Nauchnoye
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Vol 5, 1963, pp 73-82.

AIR/FTD/MT-24-277-67

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Increasing the Sensitivity of an Aerological
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V. V. Kostarev, 11 pp.
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1963, pp 145-153.
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Apr 70

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Serpinskiy, V. V., Voykevich, S. A., and
Lyuboshits, N. Yu.

RESULTS OF DETERMINATION OF PRESSURES OF
SATURATED VAPOR OF 36 AROMATIC SUBSTANCES
[1960] 6p. 6 refs.

Order from LC or SLA ml\$1.80, pt\$1.80 61-15096

Trans. of Vsesoyuz[nyy] Nauch[no]-Issledovatel'skiy
Inst[itut] Sintet[icheskikh] i Natural'nykh Dushiatykh
Veshchestv. Trudy (USSR) 1958, v. 4, p. 125ff.

Vapor pressures are given in millimeters or microns
of Hg with an experimental error of $\pm 3\%$ for amylcin-
namic aldehyde (jasmine aldehyde), anisaldehyde
(aubepine), *n*-acetylanisole, benzyl acetate, benzyl
benzoate, benzyl alcohol, benzylsalicylate, benzophe-
none, ethyl vanillin, vanillin, piperonal (heliotropin),
hydroxycitronellal, isomylsalicylate, *n*-isopropyl-
alpha-methylhydroxycinnamic acid (cyclamen aldehyde),
isoeugenol (mixture of *cis*- and *trans*-isomers), indole,
alpha-ionone, beta-ionone, cinnamyl alcohol, coumarin,
(Chemistry--Organic, TT, v. 3, no. 3) (over)

61-15096

- I. Cyclic compounds--Vapor pressure
2. Vapor pressure--Tables
- I. Serpinskiy, V. V.
- II. Voykevich, S. A.
- III. Lyuboshits, N. Yu.
- IV. Translations, New York

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The Application of Polarization Methods to Radar
Studies of Clour and Precipitation, by

A. G. Shupiatiskii, S. P. Morgunov.

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logicheskoi Soveshchaniia, Vol 5, 1963, pp 295-305.

Tr No 21, Sept 1968

AIR/AFCRL/68-0483

NLL Rf: 9021.7(21)

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Radar Investigation of Dynamic Processes in the
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AFCL T-R-667

Sci-Atmos Sci
Jun 68

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Possibilities of Radar Investigation of
Cloud Structure, by A. M. Borvikov,
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FTD-TT-65-1859

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Nov 66

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S-1215/63

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Leningrad, 1965, pp 353-354, 338-339, & 386-387 resp.

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*JPRS, DC-101-8, Special

Sci & S & Astron
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Diffused Light of Daytime Sky, by Ye. M. Feygel'son,
M. S. Malkovich, 2 pp.

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Sci/Math Sci

Jul 68

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Problems on the Transfer of Radiation in an
Absorbing and Scattering Medium, by Yu. A. Surinov,
24 pp.

RUSSIAN, per, Vsesoyuznoye Nauchnoye Meteorologi-
cheskoye Soveshchaniye. Trudy, Vol 6, 1963,
pp 6-25.

P100116268-V

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Sci/Phys

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On Solving the Transfer Equation for a Two-
Dimensional Layer, by T. A. Germoganova, 7 pp.
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pp 25-30. P100116268-V
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Sci/Math Sci
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**Theory of Spectral Flows of Shortwave Radiation
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Soyezha, Vol VI, 1963, pp 30-44.
*NASA TT F-272**

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