

Photographic Properties of Some Symmetrical Carbo-
cyanine Dyes With Different Alkyl Groups at the
Heterocyclic Nitrogen Atoms, by I. I. Levkoyev,
E. B. Lifshits, 18 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotog i Kinematog,
Vol III, No 6, 1958, pp 419-426.

CIA/TED XI-632

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics
Sep 59

NLL M. 2485

98,063

USIS INTERNAL USE ONLY

Characteristic Description of the Photographic
Activity of Diffusing Color Couplers, by B. A.
Charter'ynskiy, V. S. Chel'tsov, 5 pp.

RUSSIAN, per. Zhur Nauch i Prik. Fotog i Kinetat²²
Vol III, No 6, 1958, pp 427-429.

CIA/FDD XX-766

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Mar 60

USIB INTERNAL USE ONLY

109,740

Investigations in the Densitometry of Blackening.
I. Light Scattering by Developed Photographic
Films, by Yu. N. Gorokhovskiy, I. M. Davydkin, 16 p. 1~

RUSSIAN, per, Zhur Nauch Prik Fotog i Kinematog,
Vol III, No 6, 1958, p 430-439

Navy 2259/T-154

Sci - Physics
Aug 59

CIA/XX-769
SLT 60-14156 95, 661

Effect of Silver Halide Concentration on the
Scattering of Light in an Emulsion Layer, by
Yu. Sh. Moshkovskiy, 5 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotog i Kinemat^{og}
Vol III, ~~Numero~~ No 6, Nov-Dec 1959, pp 440-442.

CIA/FDD XX-770

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Mar 60

USIA INTERNAL USE ONLY

Handwritten:
D. J. ...
S. H. 60-14153
109,751

The Work of Soviet Scientists in the Field of Photo-
graphic Emulsion Technology, by V. L. Zelikman,
22 pp.

RUSSIAN, per, Zhur Manch i Prik Fotograf i Kinematog
Vol III, No 6, 1958, pp 452-468.

CIA/FDD XX-710

NOT RELEASABLE TO FOREIGN NATIONALS

NL 2 M. 2463

Sci - Physics

Dec 59

USIB INTERNAL USE ONLY

102,574

14 618

GE-1

BOGOMOLOV K. S., ROMANOVSKAYA K. M.

Theoretical foundation of the relationship between the extinction of the latent picture and the energy of weakly ionizing nuclear particles on the photographic emulsion

Theoretische Begründung für die Abhängigkeit der Rückbildung des latenten Bildes von der Energie schwachionisierender auf die photographische Emulsion wirkender Kernteilchen

Zhur. Nauchn. i Priklad. Fot. i Kinemat., 4, No. 1, 35-37 (1959)

German

E u r a t o m

Effect of Iodide on the Properties of Extra Fine-
Grain Nuclear Emulsions, by E. N. P. Nevikova, 11 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotog i Kinematog,
Vol IV, Jan-Feb 1959, pp 49-55.

CIA/FDD XX-765

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Mar 60

USIB INTERNAL USE ONLY

SL 61-10
109,752

11 228

GE-1

NOVIKOVA N. R.

The influence of iodide on the properties of very fine grain
nuclear emulsion

Der Einfluss des Jodids auf die Eigenschaften einer besonders
feinkörnigen Kernemulsion

Zhur. Priklad. i Nauchn. Fot. i Kinemat., 4, No. 1, 56-60
(1959)

German

E u r a t o m

Maximum Sensitivity Curve Slope of Photographic
Emulsions, by P. V. Maiklyer, 4 pp.

RUSSIAN, Ser, Zhur Nauch i Prikl Fotog i Kinemat⁹⁵
Vol IV, No 1, 1959, pp 62-64.

CIA/PDD XX-826
NOT RELEASABLE TO FOREIGN NATIONALS

DISC LLS M. 1572 (1960)

Sci - Physics
Apr 60

UNIT INTERNAL USE ONLY

114,151

SLH 60-10870 unclassified

The Role of Optically Forbidden Transitions
in the Mechanism of the Absorption of Light
by Silver Bromide, by S. G. Ryzhanov. *5pp.*

RUSSIAN, per, Zhur Nauch Priklad For
Kinemat, Vol 4 (2),
1959, pp 136-138.

CIA/PDD XX 1354
No Foreign Dissem

Sci- Phys
Mar 63
XXIX

USIA Internal Use only

224,878

Progress in Soviet Electrophotography, by K. S. Izyalnikov, 3 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotog i Kinetat²³⁾
Vol IV, 1959, pp 149-152.

(No 2)

NLL M.2417

CIA/FDD XX-790

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Mar 60

USXD: INTERNAL USE ONLY

IC or SIA 60-10594

Vol III, No 4

109,748

Reason for the Failure of Selectivity During
the Bleaching of Silver Halides, by E. A.
Kirillov, E. A. Hesterovskaya, 5 pp.

RUSSIAN, per, Zhur Nauch & Prikl Fotog Kinemat, ⁴⁸
Vol IV, No 3, 1959, pp 172-174.

CIA/TDD XX-715

NOT RELEASABLE TO FOREIGN NATIONALS

NLL 4 1977

Sci - Physics

Dec 59

USIB INTERNAL USE ONLY

102, ~~98~~
100

Photographic Reversal Phenomena, by E. A.
Galashin, V. N. Tatevskiy.

RUSSIAN, per, Zhur Nauch i Prikl. Fotograf i
Kinematog, Vol IV, No 3, 1959, pp 175-182.

DSIR LLU M.1833
(loan)

SLA 60-14278
128,867

Sci - Phys

Oct 60

Study of the Effect of Solid Salts on the Latent Image and Fog of Photographic Emulsions, by I. A. Novikov, 8 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotog i Kinetika⁰²¹
Vol IV, No 3, May-Jun 1959, pp 193-197.

NLL M. 2-31
CIA/PDD XX-778

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Mar 60

USIB INTERNAL USE ONLY

LC or SLA 60-10274

Vol III, No 3

109,753

Non-Linear Color-Separation Correction by Means of
Intensifying Negative Masks, by L. F. Artyushin, 11 pp,
10 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i Kinematog,
Vol IV, No 3; 1959, pp 202-209; Vol V, No 2, 1960,
pp 101-107.

N. F. Artyushin
CIA/FDD XX-1050
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

Sep 61

USIB INTERNAL USE ONLY

Mechanism of the Reaction of Organic Antifogants
in the Developer, by G. P. Faerman, 3 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotog i Kinemat^{USA},
Vol IV, No 3, 1959, pp 235-236.

CIA/PDD XX-828

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Apr 60

USIB INTERNAL USE ONLY

SLA 60-14154

114,152

Seventy-Fifth Birthday of Professor E. A.
Kirillov, by K. V. Chibisov, 4 p.

RUSSIAN, per, Zbur Nauch Priklad Fot Kinemat
1959, Vol IV, No 3, pp 237-238.

NLL IN. 2476
SLA 59-17600

1959 3042
JF 28 237

107,048

Sci

Feb 60
Vol 2, No 9

6
Photographic Reversal Phenomena. II. Photometry
of the Latent Image and the Mechanism of Photo-
graphic Reversal, by Ye. A. Gelashin, 10 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematog, Vol IV, No 4, 1959, pp 253-258.

SLA 60-14153

Sci
Sep 61

169,366

The Diffusion of Light in an Emulsion Layer and the Resolving Power of a Photographic Material, by P. Kh. Pruss, V. I. Maksina, 19 pp.

RUSSIAN, per, Zhur Nauch Priklad Fot Kinemat, Vol XXI, No 4, 1959, pp 259-68.

CIA/PDD XX-1362
No Foreign Dissem
OTS 63-18792

229,117

Sci - Phys

May 68

USIB Internal Use Only

The Effect of the Change of Properties and Increase of the Concentration of Non-Diffusing Color Components in the Photographic Layer on the Color Development Speed, E-792, by V. I. Uspenskiy, I. E. Rodionova, 6 pp.

RUSSIAN, per, Zhur Nauch Prikl Fotograf i Kinematog, Vol XX, No 4, 1959, pp 285-288.

CIA/PDD XX-1101
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

Jan 68

178,412

A Photographic Method for Early Recognition of
Stomach Cancer, by V. A. Vorobev.

RUSSIAN, per, Zhur Nauch Prikl Fotog Kinematog,
Vol IV, No 4, Jul/Aug 1959, pp 292-295.

DSIR LLM M. 2307

Sci - Med

170, 763

Oct 61

Zakharov, V. I. and Perfilov, N. A.
THE PROBLEM OF THE RELATION OF ELECTRON-
SENSITIVITY OF NUCLEAR PHOTOEMULSIONS TO
THE DIMENSIONS OF AgBr GRAINS. [1963] Sp. 5 refs.
Order from OTS or SLA \$1.10 63-16711

Trans. of [Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kinematografii] (USSR) 1959, v. 4, no. 4, p. 300-301.

DESCRIPTORS: *Photographic emulsions, Radioactivity,
Electrons, Sensitivity, Silver compounds, Bromides,
Crystals.

(Materials--Photographic, TT, v. 10, no. 6)

63-16711

I. Zakharov, V. I.
II. Perfilov, N. A.

Office of Technical Services

Direct Print Paper and Its Properties, by Ya. Z.
Zaydenberg, 4 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotografii i
Kinematografii, Vol IV, No 4, 1959, pp 311, 312.

SLA 60-14152

Sci

OTS, Vol III, No 8

145, 152

Apr 61

Sensitometric Method for the Electrophotographic
Process Has Been Recommended, 4 pp.

RUSSIAN, per, Zhur Nach i Prik Fotog i Kinemat⁰⁹⁾
Vol. IV, No 4, # 1959, pp 319, 320.

CIA/VED IX-824

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics, Electronics

Apr 60

USIB INTERNAL USE ONLY

Handwritten:
→ CC-RSC, 156,680
SHP 60-111-19
114,149

Relationship Between Finishing and Aging of
Photographic Emulsions, by S. M. Solov'yev,
15 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematog, Vol IV, No 5, 1959, pp 321-328.

CIA/PDD XX-871

SLA 60-16301

Sci - Phys

SAL

Aug 60

123,263

USIB INTERNAL USE ONLY

Natural Absorption in Silver Halide, by M. M. Vorontsova, 8 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i Kineimatograf, Vol IV, No 5, 1959, pp 329-333.

SI, H 10-10-60

CIA/FDD XX-915

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

132, 334

Nov 60

USIB INTERNAL USE ONLY

Investigation of the Capacity of Photographic Materials for Reproducing Small Details of the Optical Image. I. Quantitative Evaluation of the Photographic Reproduction of Two-Dimensional Subjects; II. Effect of the Conditions of Positive Printing on the Resolving Power of a One-Dimensional Test Object, by Yu. K. Vifanskiy, Yu. N. Gorokhovskiy, 28 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i Kinematog, Vol IV, No 4, 1959, pp 276-284; No 5, 1959, pp 345-355.

Sci - Phys
Aug 60

CIA/FDD XX-873
SLA 60-16232

123,265

USIB INTERNAL USE ONLY (5/10)

The Correction Effect (Dot Etching Characteristics)
of Photographic Emulsions, by I. N. Novikov, 13 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematog, Vol IV, No 5, 1959, pp 356-362.

CIA/PDD XX-870

542 60-16531

Sci - Phys

Aug 60

123,255

USIB INTERNAL USE ONLY

Effect of Bromide Ion Concentration on the Optical
Sensitization of Photographic Emulsions, by A. V.
Borin, 2 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i Kinematograf,
Vol IV, No 5, 1959, pp 380, 381.

CIA/FDD IX-914
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

60
~~SECRET~~ INTERNAL USE ONLY

Dependence of the Speed of Photographic Emulsions
During Long Exposures Upon Certain Emulsion
Properties, by P. V. Meyklyar, V. M. Shvartz,
Z. V. Kharitonova, 3 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematog, Vol IV, No 5, 1959, pp 381-383.

CIA/PDD XX-869

Sci - Phys

SIA 60-14673

123, 264

Aug 60

USIB INTERNAL USE ONLY

Investigation of the Capacity of Photographic Materials for Reproducing Small Details of the Optical Image. I. Quantitative Evaluation of the Photographic Reproduction of Two-Dimensional Subjects; II. Effect of the Conditions of Positive Printing on the Resolving Power of a One-Dimensional Test Object, by Yu. K. Vifanskiy, Yu. N. Gorokhovskiy, 28 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinematog, Vol IV, No 4, 1959, pp 276-284; No 5, 1959, pp 345-355.

Sci - Phys

CIA/FDD XX-873

Aug 60

SLA 60-16232

USIB INTERNAL USE ONLY

Conference on the Basic Problems of the Theory
and Technology of the Color Photographic Processes,
by S. A. Bongard, 12 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematog, Vol IV, No 5, 1959, pp 393-399.

CIA/PDD XX-848

SLA 60-16299

USIB INTERNAL USE ONLY
Sci - Phys

123,262

Aug 60

A Study of Factors Influencing the Intensity of
J Bands in the Absorption Spectrum of Aqueous-
Gelatin Solutions of Dibenzothiacarbocyanine Dyes,
by A. V. Borin, P. N. Zaleznyak, I. A. Pobedonostseva,
63 pp.

RUSSIAN, ser, Zhur Nauch i Prikl Fotograf i
Kinematog, Ser IV, No 6, 1959, pp 401-410.

CIA/FDD XX-846

Sci - Phys
Aug 60
USIB INTERNAL USE ONLY

123,252

The Electroconductivity of Gelatin and Its Change
During Illumination, by L. G. Gross, 11 pp.

RUSSIAN, peer, Zhur Nauch i Prikl Foto i Kinematografi,
Vol. IV, No 6, Nov/Dec 1959, pp 411-416.

CIA/FID XX-964

Sci - Chemistry
May 61
OSIB ONLY

NOT RELEASABLE TO
FOREIGN NATIONALS

141,272

Repellency Suppression by Wetting Agents in Photographic Emulsion Coatings. Par III. Repellency Suppression of Sulfosuccinic Acid Esters and Their Influence on Kinetic Wetting, by O. K. Smirnov, S. M. Levi, K. O. Averbakh, 8 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematog, Vol. IV, No 6, 1959, pp 423-426.

CIA/PDD XX-842

Sci .. Phys

Aug 60

USIB INTERNAL USE ONLY

OTS-16540 123,248
also 65-16712

The Relation Between the Speed of Nuclear Emulsions
and the Temperature Within the Range of 2-300°K, by
V. A. Balyakov, L. G. Kozlova, V. A. Sviridov, K. D.
Tolstov, 4 pp.

RUSSIAN, par, Zhur Nauch i Prik Fotograf i
Kinematograf, Vol IV, No 8, 1959,
pp 427-429.

CIA/FID X-913

NOT RELEASABLE TO FOREIGN NATIONALS

132, 332

OTS 60-16539

Sci - Phys

Nov 60

USIB INTERNAL USE ONLY

Scattering of Light by Opal Glass and the
Application of Opal Glass in Densitometry, by
V. A. Korndorf, I. A. Chernyy, 6 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematog, Vol IV, No 6, 1959, pp 430-432.

CIA/FDD XX-841

OTS 60-10536

Sci - Phys

Aug 60

123,251

USIB INTERNAL USE ONLY

Increasing the Photographic Speed of Panchromatic
Films by Means of Cyclic and Starved Development,
by K. I. Markhilevich, V. L. Abritalin, 10 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematog, Vol IV, No 6, 1959, pp 433-437.

CIA/FDD XX-843
OTS 60-16535

Sci - Phys

Aug 60

123,253

USIB INTERNAL USE ONLY

Effect of Wetting Agents on Photographic Properties
of Light-Sensitive Emulsions, by A. V. Borin, 3 p.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematog, Vol IV, No 6, 1959, pp 458-459.

CIA/FDD XX-866

OTS 60-10531

Sci - Phys

Aug 60

123,250

USIB INTERNAL USE ONLY

Rydzhanov, S.G.
DOMAINE ÉNERGÉTIQUE DE LA BANDE DES EXCITATIONS DANS LE BROMURE D'ARGENT (The Energy Range of the Excitation Zone in Silver Bromide). 4p. refs., CNRS-XVIII 86.
Order from OCS, ETC or CNRS \$1.10 TT-62-28863

Trans. in French of Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinetografi (USSR) 1959, v. 4, no. 6, p. 460.

Trans. in English is available from LC or SLA \$1.80 as 60-16297, 1960. 2p.

DESCRIPTORS: Silver compounds, Bromides, Absorption spectrum, *Excitation, Atomic energy levels.

(Materials--Photographic, TT, v. 11, no. 8)

TT-62-28863

I. Rydzhanov, S.G.
II. CNRS-XVIII 86
III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

Investigation of the Capacity of Photographic Materials for Reproducing Small Details of the Optical Image. I. Quantitative Evaluation of the Photographic Reproduction of Two-Dimensional Subjects; II. Effect of the Conditions of Positive Printing on the Resolving Power of a One-Dimensional Test Object, by Yu. K. Vifanskiy, Yu. N. Gorokhovskiy, 28 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i Kinematog, Vol IV, No 4, 1959, pp 276-284; No 5, 1959, pp 345-355.

Sci - Phys
Aug 60

CIA/PDD XX-873
SLA 60-16232

USIB INTERNAL USE ONLY

Increasing the Photographic Speed of Panchromatic
Films by Means of Cyclic and Starved Development,
by K. I. Markhilevich, V. L. Abritalin, 10 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematog, Vol IV, No 6, 1959, pp 433-437.

CIA/FDD XX-643

OTS 60-16535

Sci - Phys

Aug 60

123,253

USIB INTERNAL USE ONLY

Effect of Wetting Agents on Photographic Properties
of Light-Sensitive Emulsions, by A. V. Borin, 3 p.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematog, Vol IV, No 6, 1959, pp 458-459.

CIA/FDO XX-866

CTS 60-10571

Sci - Phys

Aug 60

123,250

USIB INTERNAL USE ONLY

Scattering of Light by Opal Glass and the
Application of Opal Glass in Densitometry, by
V. A. Korndorf, I. A. Chernyy, 6 pp.

RUSSIAN, per, Zhur Nauch i Prikl. Fotograf i
Kinematog, Vol IV, No 6, 1959, pp 430-432.

CIA/FDD XX-841

OTS 60-10536

Sci - Phys

Aug 60

123,251

USIB INTERNAL USE ONLY

The Relation Between the Speed of Nuclear Emulsions
and the Temperature Within the Range of 2-300°K, by
V. A. Balyakov, L. G. Kozlova, V. A. Sviridov, K. D.
Tolstov, 4 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematograf, Vol IV, No 5, 1959,
pp 427-429.

CIA/FDD XX-913
NOT RELEASABLE TO FOREIGN NATIONALS

132,332

OTS 60-16539

Sci - Phys
Nov 60
USIB INTERNAL USE ONLY

Repellency Suppression by Wetting Agents in Photographic Emulsion Coatings. Par III. Repellency Suppression of Sulfosuccinic Acid Esters and Their Influence on Kinetic Wetting, by O. K. Smirnov, S. M. Ievl, K. O. Averbakh, 8 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kineratog, Vol. IV, No 6, 1959, pp 423-426.

CIA/FDD XX-842

OTS-16540

also 62-14712

123,248

Sci - Phys

Aug 60

USIB INTERNAL USE ONLY

The Electroconductivity of Gelatin and Its Change
During Illumination, by L. G. Gross, 11 pp.

RUSSIAN, per, Zhur Nauch i Prikl Foto i Kinematografii,
Vol. IV, No 6, Nov/Dec 1959, pp 411-416.

CIA/FDD XI-964

Sci - Chemistry
Max 61
UBIS ONLY

NOT RELEASABLE TO
FOREIGN NATIONALS

141,272

RAZHMEN, S.G.
D'UNE PARTIE ÉNERGÉTIQUE DE LA BANDE DES EXCITATIONS DANS LE BROMURE D'ARGENT (The Energy Range of the Excitation Zone in Silver Bromide). 4p. refs., CNRS-XVII 86.
Order from OIS, F10 or CNRS 51,10 TT-62-28863

Trans. in French of *Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinetografii (USSR)* 1959, v. 4, no. 6, p. 460.
Trans. in English is available from LC or SLA 51, 80 as 60-16297, 1960, 2p.

DESCRIPTORS: Silver compounds, Bromides, Absorption spectrum, *Excitation, Atomic energy levels.

(Materials--Photographic, TT, v. 11, no. 8)

TT-62-28863

I. Razhmen, S.G.
II, CNRS-XVIII 86
III, Centre National de Recherche Scientifique, Paris

Office of Technical Services
European Translation Centre

A New Method for Obtaining Electrophotographic
Images, by P. M. Podvigalkin, 3 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematog, Vol IV, No 6, 1959, pp 461, 462.

CIA/FDD XX-865

Sci - Phys

Aug 60

123,246

USIB INTERNAL USE ONLY

Measurement of Distortions of Particle Tracks in Nuclear Photographic Emulsions Developed by Various Methods, by D. M. Samoylovich, V. A. Smirnitkiy, 2 pp.

RUSSIAN. per, Zhur Nauch i Prik Fotograf i Kinematograf, Vol IV, No 6, 1959, pp 462, 463.

CIA/FDD XX-864

DSIR 24K (10-2-58) (1000)

2

SUR 60-16245

Sci - Phys

Aug 60

USIB INTERNAL USE ONLY

The Influence of Some Chemical Sensitizers on the
Dispersion and Light Sensitivity of Ultra Fine-
Grain Emulsions, by I. A. Novikov, N. S. Gafurova,
2 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematograf, Vol IV. No 6, 1959, pp 463, 464.

CIA/FDD XX-863

Sci - Phys

Aug 60

USID INTERNAL USE ONLY

Fourier Integral Used for Studying the Properties
of Optical and Photographic Images, by A. T.
Ashcheulov, 19 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematog, Vol IV, No 6, 1959, pp 465-476.

CIA/FDD XI-862

LTS 60-10-38

Sci - Phys

Aug 60

123,257

Investigation of Photographic Intensifiers by
Means of Measuring Details, by E. Yu. Braychevskaya
4 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematograf, Vol V, No 1, 1960, pp 7-9.

CIA/FDD XI-912

NOT RELEASABLE TO FOREIGN NATIONALS

NLL 11.26.60

122.329

Sci - Phys

Nov 60

USIB INTERNAL USE ONLY

Also - S LA 60-15862

A Study of the Processes of Aging And Stabilization of Photographic Materials. III. Physico-chemical Mechanism of Anomalous Aging, by V. I. Shcherbakov, 3 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinetograf, Vol V, No 1, 1960, pp 10-14.

CIA/PDD XX-911

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys
Nov 60

122, 227

OSIB INTERNAL USE ONLY

also SLA 60 - 18163

Investigation of the Capacity of Photographic Materials for Reproducing Small Details of the Optical Image Part III. Effect of Conditions of Positive Printing on the Reproduction of Two-Dimensional Subjects, by Yu. K. Vifanakiy, Yu. N. Gorekhovskiy, N. D. Khrul'hova, 6 pp.

RUSSIAN, per, Zhurn Nanch i Prikl. Foto i Kinematograf, Vol V, No 1, 1960, pp 15-19.

CIA/FID XI-966

NOT RELEASABLE TO
FOREIGN NATIONALS

Sci - Physics
Mar 61

USIB ONLY
also OCS 60-18864

111,273

Effect of Concentration of Developer on the
Process of Rapid Development, by P. I. Levina,
V. A. Veidenbakh, 11 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kineimatograf, Vol V, No 1, 1960, pp 20-27.

CIA/FDD XK-910

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

Nov 60

USIB INTERNAL USE ONLY

132, 238

also SRA 60-1566

A New Criterion for the Quality of Photographic
Papers, by M. I. Shor, B. G. Vol, G. A.
Zarankina, 10 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematog, Vol V, No 1, 1960, pp 28-33.

SLA 61-10280

NLL 01-0725

Vol V, No 5
Jul 61

160,161

Reaction of a Photographic Emulsion to Slow
Electrons. Part I. Quantitative Laws of
Formation of the Latent Image by Electrons of
Energies Less Than 40 Volts, by V. V. Krychko.

RUSSIAN, per, *Zhurn Nauch Prik Fotograf i*
Kinematog, Vol V, No 1, 1950, pp 34-38.

HLL M. 2787

Sci - Phys

179, 997

Jan 62

Effect of Dye Adsorption of the Photoelectric
Sensitivity of the Photographic Emulsion, by
L. G. Gross, 3 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematograf, Vol V, No 1, 1960, pp 54, 55.

NLL M. 3790

CIA/FDD XX-909

NOT RELEASABLE TO FOREIGN
NATIONALS

Sci - Phys
Nov 60

122, 336

USIB INTERNAL USE ONLY

Speed of R-Type Emulsions Under Various Conditions of Processing, by S. M. Semoylovich, E. S. Barinova, A. A. Vlasov, O. P. Yakimovakaya, 2 pp.

RUSSIAN, per, Zhurn Nauch i Prikl Fotograf i Kinematograf, Vol. V, No 1, 1960, pp 56, 57.

NLL M.276/
CIA/VDD IX-968
SLA 61-10777

Sci - Chemistry
Mar 61

141,225

USIB only

Recherches de la Sensibilite des Emulsions de
Type p a Differentes Conditions de Traitement, (
(Investigation of Sensitivity of F Type Emulsions
to Various Conditions During Processing), by D. M.
Samoilovich, E. S. Barinova, A. A. Vlasov, O. P.
Inkhnovskaya, 7 pp.

RUSSIAN to FRENCH, per, Zhur Nauch i Priklad Fot i
Kineratografii, Vol V, No 1, 1960, pp 56, 57. 9093977

Reverse Trans
CEA Tr-R-1133

Sci
Jun 61

Fatty Impurities in Photographic Gelatin, by E. A. Zindin, A. F. Shmorina, 4 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i Kinematograf, Vol V, No 1, 1960, pp 57, 58.

CIA/FDD XX-923

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Nov 60

USIB INTERNAL USE ONLY

NLL 7.2.64

132, 327

Alod 2 LA 60-18566

Effect of Reciprocity Failure at Long Exposures in
Nuclear Emulsion Sensitized with Triethenalamine,
by A. L. Kartuzhanskiy, S. I. Sharf, & AP.

RUSSIAN, per, Zh. Nauch i Prikl Foto Kinesmatograf,
Vol V, No 1, 1970, pp 58-60.

NLL 01023
CIA/FID XI-969

Sci - Physics
Mar 61
USIR ONLY
also SLA 60-188;2

Not RELEASABLE TO
FOREIGN NATIONALS

141,275

Failure of the Reciprocity Law at Exposures of
 10^{-5} to 10^{-8} Seconds, by Yu. A. Zetsepin, 3 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematograf, Vol V, No 1, 1960, pp 60, 61.

CIA/PDD IX-1,001

Sci - Physics
Apr 61
CIA INTERNAL USE ONLY

SLA 60-1787-

NLL 01.2763

149,358

"Normal" and "Anomalous" Aging of Photographic Emulsions, by M. I. Shor, 2 pp.

RUSSIAN, par, Zhizn Nauch i Prikl Fotograf i Kinematograf, Vol V, No 1, 1960, pp 62, 63.

CIA/PDD XI-908
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

NLL M. 2438

Nov 60

Also LRA 60-18574

USIB INTERNAL USE ONLY

M. I. Shor's Criticism of the Paper Entitled
"Anomalous" and "Normal" Aging of Photographic
Emulsions, by V. I. Sheberstov, 4 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematograf, Vol. V, No 1, 1960, pp 63, 64.

CIA/FDD XX-907
NOT RELEASABLE TO FOREIGN NATIONALS

NL 11,358

122, 343

Sci - Phys
Nov 60

USIB INTERNAL USE ONLY

Other ...

Finishing Photographic Emulsions (Review), by K. V. Chibisov, 18 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i Kinesmatograf
Vol V, 1960, pp 65-74.

CIA/FDD XX-975

NOT RELEASABLE TO
FOREIGN NATIONALS

NLL 11-2872

141,280

Sci - Physics
Mar 61
USIB ONLY
also NIA 60-18876

Work of the All-Union Scientific Research
Institute of Chemical Reagents in the Field of
Developers, Optical Sensitizers, Desensitizers
and Intermediates for Their Synthesis, by G. I.
Mikhailov,

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematog, Vol V, No 1, 1960, pp 76-76.
4

CIA FDD XX-1012

NOT RELEASABLE TO FOREIGN NATIONALS

153, 820

NEL M. 0001

Sci - Phys
Jun 61

USIS INTERNAL USE ONLY

Reciprocity of Time and Intensity of an Electron
Beam When MK- and MB- Type Photographic Plates
Are Exposed, by I. A. Puzina, K. S. Bogomolov.

RUSSIAN, per, Zhur Nach i Prii Fotografii i
Kinematografii, Vol V, 1962, pp 293-294.

ML N 8957

Sol - Phys
May 63

229,126

Reproduction of Continuous Tones in Electro-
photography, by Yu. A. Zibuts, L. I. Ryunko.

RUSSIAN, per, Zhur Bunch i Prikl. Fotografii i
Khimiografii, Vol V, No 5, 1950, pp 352-355.

MLL M 8964

Sci - Phys
May 63

729,129

Silver Chlorobromide Photographic Emulsions
With Grains Having a Laminated Structure, by
Yu. M. Prokhotkiy, Yu. B. Vilenkiy.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf
Kinematog, Vol V, No 5, 1960, pp 363-364.

NLL M 8969

Sci - Phys
Apr 63

Topographic Distribution of the Primary Photo-
graphic Process in Emulsion Grain, by K.
Andreichik, 5 pp..

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kineematograf, Vol V, No 2, 1960, pp 81-83.

CIA/FDD XX-906
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys
Nov 60

132,341

OSIB INTERNAL USE ONLY

NLL. 01. 2001

ALASKA 60-15570

Kinetics of Development of Positive Color Film at Various Temperatures, by N. I. Kirillov, L. P. Lysenko, 9 pp.

RUSSIAN, per, ~~Year~~ Nauch i Prikl Foto Kinesatograf, Vol. 5, No 2, 1960, pp 84-89.

CIA/PID XX -971

NLL 10/8712

Sci - Physics
Mar 61
USIB ONLY
also SLA 60-18871

NOT RELEASABLE TO
FOREIGN NATIONALS

141,276

Non-Linear Color-Separation Correction by Means of
Intensifying Negative Masks, by L. F. Artyushin, 11 pp,
10 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinematog,
Vol IV, No 3, 1959, pp 202-209; Vol V, No 2, 1960,
pp 101-107.

CIA/PDD XX-1050

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

Sep 61

166,454

OTS-61-20209

Kinetics of Processing Motion Picture and Other
Photographic Materials, by I. B. Blyumberg, 13 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematograf, Vol. ~~A~~_V No 2, 1960, pp 90-97.

CIA/FDD XX-1,002

Sci - Physics
Apr 61
CIA INTERNAL USE ONLY

149,359

Comparison of Artificial Sunlight Filters Used For
Sensitometric Testing, by S. S. Gilev, E. N.
Shipilova, 4 pp.

RUSSIAN, per, *Zhur Mosh i Prik Fotograf i Kinematograf*
Vol V, No 2, 1960, pp 98-100.

~~CIA/DO IX-972~~

~~NOT RELEASABLE TO
FOREIGN NATIONALS~~

Sci - Physics
Mar 61
~~OCIS ONLY~~

OTS 61-18282
741, 277

Resolving Power of an Emulsion as a Function of
the Concentration of Silver Halide and the Nature
of the Developing Agent, by I. M. Kilinskiy, A. N.
Yordanskiy, 8 pp.

RUSSIAN, per, Zaur Nauch i Prik Fotograf i
Kinematograf, Vol V, No 2, 1960, pp 108-113.

NLL M.2642
CIA/FDD XX-905

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys
Nov 60

132, 342

USIB INTERNAL USE ONLY

also SLA 60-18569

Principles of Automation of Stereophotogrammetric
Processing of Aerial Photographs, by N. F. Orelkin,
15 pp.

RUSSIAN, par, Zhur Nauch i Prikl Fotograf i
Kinematograf, Vol V, No 2, 1960, pp 114-122.

CIA/FDD XX-904

NOT RELEASABLE TO FOREIGN NATIONALS

NLL 11-2-70

Sci - Phys

132, 240

Nov 60

USIB INTERNAL USE ONLY

also see 60-15168

Photographic Method for ~~XXXXXX~~ Studying the Light
Pattern of Radiant Energy, by V. N. Adrjanov, G. L.
Solyak,

RUSSIAN, par, Zhur Nauch i Prikl Fotograf i
Illuminatog, Vol V, No 2, 1960, pp 123-132.

CIA FDD XX-1017

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

Nov 61

USIE INTERNAL USE ONLY

153, 125

High-Speed Cinematography for Investigating Processes
in Liquids by Ultrasonics, by S. R. Zhukovskiy, V. F.
Kazantsev, L. O. Makarov,

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kineematog, Vol V, No 2, 1960, pp 133-140.

CIA FDD XI-1013

NOT RELEASABLE TO FOREIGN NATIONALS

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE 10/27/01 BY 153,821

Sci - Phys

Jun 61

USIB INTERNAL USE ONLY

SLA 11-1013