

Spectrophotometric Investigation of Dye, Solutions
Forming H-Aggregates, by A. V. Borin,
I. A. Pobedonostsava, 18 p.

RUSSIAN, per, Zhur Nauchnoy i Prikladnoy
Fotografii i Kinesmatografii, 1958, Vol III,
No 4, pp 256-266.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 05-17-2001 BY 60322
SLA 59-17603

Sci
Feb 60
Vol 2, No 9

XX-825
107,047

Mechanism of Sensitizing Effect of Triethanolamine on Photographic Emulsions, by A. P. Zhdanov, A. L. Kartushansky, I. V. Ryzhkova, L. I. Shur, 3 pp.

RUSSIAN, per Zhur Nauch i Prikl Fotog i Kinematog,
Vol III, No 4, 1958, pp 281-282.

CIA/FDD XX-657

NOT RELEASABLE TO FOREIGN NATIONALS

Sol - Playbook
Sep 59

VEILB KTFERH.3. USR ONLY

98049

Comments on K. I. Kuznetsov and V. I. Shchegolev's
Paper Entitled: "Critical Review of Speed Criteria
Used in Different Sensitometric Systems, by B. L.
Gilev, 8 pp."

RUSSIAN, PER, Zhur Nanch i Prih Notoz i Minozog,
Vol XII, No 4, 1958, pp 239-250.

CIA/PDD RE-711
NOT RELEASABLE TO FOREIGN NATIONALS

NLL M. 2453

Sci - Physics

Dec 59

USIS INTERNAL USE ONLY

102,136

The Problem of Selecting the Optimum Speed Criterion
(Answer to S. S. Gilev's Note), by K. I. Markhile-
vich, V. I. Sheberstov, 7 pp.

RUSSIAN, part, Zhur Nauch i Prikl Fotog i Kinematog,
Vol XVI, No 4, 1958, pp 290-293.

CIA/TDD XX-711

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Dec 59

USE INTERNAL USE ONLY

NLL 102,569

102,569

Review of Soviet Work on the Photographic Effects
of Ionizing Particles, by A. L. Kartuzhanskiy,
B. P. Saltitskiy, 17 p.

RUSSIAN, per. Zhur Nauch i Prikl Foto i Kinematografi,
1958, Vol. XII, No 4, pp 299-305.

NLL m. 2007
SLA 59-17605

Sci
Feb 60
Vol 2, No 9

CIP/XX-781

107,102

Process of Diffusion Transfer of Photographic Images,
by V. A. Veytsheyn, 9 pp. *

RUSSIAN, per Zhur Neuch i Erik Povey i Kinestatog, Vol.
III, No 1, 1958, pp 305-310.

CIA/RND XI-786

NOT RELEASABLE TO FOREIGN NATIONALS

NLL m. 2486

Sci - Physics

Dec 59

USIB INTERNAL USE ONLY

102, 127

Filming the Internal Movement of Metal in the
Deformation Zone During the Metal Rolling Process,
by O. G. Muzal'evskiy.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematog, Vol III, No 4, 1958, ~~1-1~~ 363-367.

*BISI 1839

Sci - Phys

Sep 60

Some Problems of Method Connected With Studying
Photoconductivity Kinetics in the Emulsion
Layer, by L. G. Gross, P. V. Meyklar, 15 pp.

RUSSIAN, per, Zhur Nauchn i Prikl Fotogr i
Kinemat, vol III, No 5, 1958, pp 329-34.

CIA/FDD XX-1402
NO FOREIGN DISSEM

SCI -

Jul 63

USIB Internal Use Only

836, 027

A Comparison of Different Methods of Preparation of
Photographic Emulsions, by V. L. Zollikman, E. I.
Klyuevskaya, 18 pp.

RUSSIAN, per, Zhur. Nauch. i Prikl. Fotog. i Kinematog,
Vol. XII, No 5, 1958, pp 335-344.

CIA/PDD XI-783

NOT RELEASABLE TO FOREIGN NATIONALS

NLL M.F. 49

OTS 61-15553

Sci - Physics

Mar 60

USIA INTERNAL USE ONLY

109,760

Filming the π Internal Movement of Metal in the
Deformation Zone During the Metal Rolling Process,
by G. G. Muzalevskiy.

RUSSIAN, per; Zhur Nauch i Prikl Fotog i Kinematog,
Vol III, No 5, 1958, pp 363-367.

BISI 1839

Sci - Phys

Mar 61

145,057

Comment on the Mechanism of the Ring Photographic
Process, by V. E. Zharkov, 3 pp.

RESEARCH, 1958, Zhur Esch i Prikl Fotog i Khimichesk:
Vol III, No 5, Sep-Oct 1958, pp 379, 380/

CIA/FOO XI-716

NOT RELEASABLE TO FOREIGN NATIONALS

NIL 11, 2468

Sci - Physics

Dec 59

UNIT INTERNAL USE ONLY

102, 129

Present Sensometric Standards of Different
Countries, by G. S. Batanov, E. D. Katsenelenbogen,
7 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotog i Kinemat,
Vol III, No 5, 1958, pp 394-398.

CIA/PTO XX-685

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics
Sep 59

USIB INTERNAL USE ONLY

98,053

Smirnov, O. K., Levi, S. M. and others.
THE ANTICOMET EFFECT OF WETTING-AGENTS
IN COATING PHOTOGRAPHIC EMULSIONS. II. THE
ANTICOMET EFFECT OF SOME DERIVATIVES OF
ALKYLPHOSPHONIC ACIDS. [1963] 7p. 9 refs.
Order from CTS or SLA \$1.10 63-16710

Trans. of [Zhurnal tekhicheskoi i Prikladnoi Fotografii i
Kineematografii] (USSR) 1958, v. 3, no. 6, p. 416-420.
Another trans. is available from LC or SLA in \$2.40.
pb\$3.30 as TD-18484 [1960] 13p.

DESCRIPTORS: *Surface-active substances, Coatings.
*Photographic emulsions.

Conclusions obtained in investigation of derivatives of
alkenylsulfonic acids were confirmed by investigation
of the anticomet properties of wetting-agents of the
class of derivatives of alkylphosphonic acids. It follows
(Material--Photographic, TT, v. 10, no. 9) (over)

63-16710

1. Title: Antirepellency
2. Title: Alkylphosphonic
acids
1. Smirnov, O. K.
2. Levi, S. M.
- III. Title: Anticomet Effect
of Some...

Office of Technical Services

Photographic Properties of Some Symmetrical Carbo-
cysine 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 XX-682

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics
Sep 58

NL 171.245

98,063

USES INTERNAL USE ONLY

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

RUSSIAN, per. Zhur Nauch i Prikl Fotog i Kinemat²³
Vol III, No 8, 1988, pp 427-429.

CIA/TDD XCI-766

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Mar 60

USIR INTERNAL USE ONLY

109,740

Investigations in the Densitometry of Blackening.

I. Light Scattering by Developed Photographic
Films, by Yu. M. Gorokhovskiy, I. M. Davydkin, 16.7~

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

Envy 2259/T-154

Sci - Physics
Aug 59

CIA/RX-769
CIA 60-1415695, 661

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

RUSSIAN, per, Zhur Nauch i Prikl Fotog i Kinemat,⁹²
Vol. III, No 6, Nov-Dec 1959, pp 440-442.

CIA/FDD XX-770

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Mar 60

USIB INTERNAL USE ONLY

109,751

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

RUSSIAN, per: Zhur Nauch i Prikl Fotograf i Kinematog
Vol III, No 5, 1958, pp 452-468.

CIA/FDD IX-710

NOT RELEASABLE TO FOREIGN NATIONALS

ALL M. 2463

Sci - Physics

Dec 59

USIS 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. Novikova, 11 pp.

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

CIA/PDD XK-765

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Ver 60

USIB INTERNAL USE ONLY

SL-6-15
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 Intensity Curve Slope of Photographic
Emulsions, by P. V. Mal'khar, 4 pp.

RUSSIAN, *Izv. Akad. Nauk i Prikl. Fotog. i Kinet.*
Vol IV, No 1, 1959, pp 62-64.

CIA/FDD KX-825

NOT RELEASABLE TO FOREIGN NATIONALS

DISK COPY APR 15 1960

Sci - Physics

Apr 60

UBID INTERNAL USE ONLY

114151
SLF 60-10270 under file

Domestically Produced Photographs Known for
Printing Documents and Texts, by M. I. Chet,
15 pp

RUSSIAN. par. Zhur Naish Erik Fotograf i Pisanost
Vol. VII, No 2, Mar/Apr 1961.

JPRS 10208

Sci. - Phys

171,047

Oct 61

Photographic Recovery of Components of ...
H. A. Zickler, H. M. St. Lawrence, 3 pp.

RUESSIG, Kurt. March 1 Film Potting 1 Kinematog,
Vol IV, No 2, 1959, pp 116-120.

ALL M. 2412
CIA/FDD XI-779

NOT RELEASABLE TO FOREIGN ENTITIES

Sci - Physics

Mar 60

THIS INFORMATION IS ONLY

LC or SLA 60-14595

Vol III, No 1

119173

Average Film of Silver Halide Emulsion Detached
According to the Scattering of Light by Emulsion
Layers, by P. H. Pines, 10 pp.

RUSSIAN, per Zhur Baugh & Erik Fotog & Kinematik,
Vol IV, No 2, Mar-Apr 1959, pp 121-126.

108-10875-
CIA/PRD XX-752

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Mar 60

USE INTERNAL USE ONLY

108, 757

Reaction of "Independence" with different Tons in
Solution, by K. I. Polotskiy, 4 pp.

RUSSIAN, per Zhur Nauch i Prikl Fizik i Khim.
Vol IV, No 2, 1959, pp 133-135.

CIA/FEI IX-163

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

May 60

USID INTERNAL USE ONLY

109,755

Spectral Sensitivity of Photographic Material
Affected by Hypersensitization With Trichloroamine
and Azobenzene, by E. I. Brydy, A. A. Markelova, 3 pp.

RUSSIAN, per, Zhurnal Nauch-i Prikl Fotog i Kineemat
Vol. IV, No 2, Mar-Apr 1959, pp 135-136.

CIA/FDD X0-767

NOT RELEASABLE TO FOREIGN NATIONALS

SIA 60-10874

CLASSIFIED BY 109,741

Sci - Physics

Mar 60

USE INTERNAL USE ONLY

109,741

The Role of Optically Forbidden Transitions
in the Mechanism of the Absorption of Light
by Silver Bromide, by S. G. Ryzhanov. *Sp4.*

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
NRIN

OSIR Internal Use only

224,878

Progress in Soviet Electrophotography, by K. S.
Iz Lyalikov, 8 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotog i Kinemat^{ca}
Vol IV, 1959, pp 149-152.

(No 2)

NLL M.2417

CIA/FDD IX-790

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Mar 60

USIB INTERNAL USE ONLY

IC or SLA 60-10594

Vol III, No 4

109,748

Use of Polymers in Photography. II. Use of
Polymers in the Photographic Emulsion of Motion
Picture Materials and Processes of Their Chemico-
Etching Photographic Treatment, by P. V. Kozlov,
15 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotog i Kinematog,
Vol IV, No 3, May-Jun 1959, pp 161-171.

NLC 111, 2/1/61

CIA/FDD XX-761

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Mar 60

USID INTERNAL USE ONLY

IC or SLA 60-10275

Vol III, No 3

109, 747

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

RUSSIAN, per, Zhur Bauch ~~z~~ Prik Fotog Kinemat, ^{ud}
Vol IV, No 3, 1959, pp 172-174.

CIA/FOU XX-715
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Dec 59

USIA INTERNAL USE ONLY

102, ~~100~~
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)

Sci - Phys

Oct 60

SLA 60-14278
128,867

Study of the Effect of Gold Salts on the latent
Image and Fog of Photographic Emulsions, by I. I.
Novikov, 3 pp.

RUSSIAN, per Zhur Nauch i Prikl Fotog i Kineemat⁹³
Vol IV, No 3, May-Jun 1959, pp 193-197.

NAL 10.2001
CIA/TID XN-778

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Mar 60

USIB INTERNAL USE ONLY

LC or SLA 60-10274

Vol III, No 3

107753

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.

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 Hanch i Prii Fotos i Kinetika
Vol IV, No 3, 1959, pp 235-236.

CIA/PDD IX-828

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Apr 60

USIP INTERNAL USE ONLY

SLA 61-14154

114,152

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

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

NLL 11.2471
SIA 59-17600

Sci

Feb 60
Vol 2, No 9

107,048

A STUDY OF THE PROPERTIES OF AGING AND STABILIZATION
of Photographic Materials. Part II. The Dependence
of Aging Upon Some Emulsions and External-Emulsion
Factors, by V. I. Sheberstov, 80 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotog i Kinemat,⁹²
Vol IV, No 4, 1959, pp 241-252.

CIA/FDD KK-827

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Apr 60

USIS INTERNAL USE ONLY

114,150

3
Photographic Reversal Phenomenon. II. Photometry
of the Latent Image and the Mechanism of Photo-
graphic Reversal, by Ye. A. Guleshin, 10 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematog, Vol IV, No 4, 1959, pp 253-256.

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
Kineemat, Vol ~~XXVI~~ VI, No 4, 1959, pp 259-68.

CIA/FDD XX-1362
No Foreign Dissem

DTI 63-12772

229,117

Sci - Phys

May 63

USIB Internal Use Only

The Effect of the Change of Properties and Increase
of the Concentration of Non-Diffusing Color Gen.

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 LIA M. 2307

Sci - Med

170,763

Oct 61

63-16711

Zakharov, V. L. 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

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

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. 8)

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

OTB, Vol III, No 8

Apr 61

145, 152

International Standardization of a Method for Numerical
Expression of the Speed of Black-and-White Negative
Photographic Materials, by I. A. Chetnykh, 7 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotog i Kinetof, ²⁹¹
Vol XX IV, No 4, JUL-AUG 1959, pp 313-316.

CIA/PID XX-773

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Mar 60

USIB INTERNAL USE ONLY

109742

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

RUSSIAN, per, Zhur Nauch i Prikl Fotog i Kinet⁰⁹
Vol IV, No 4, 1959, pp 319, 340.

CIA/TED XX-83A

NOT RELEASABLE TO FOREIGN NATIONALS

Confidential - 60-25,156,635
Sci - Physics, Electronics

Apr 60

USID INTERNAL USE ONLY

517 60-141-19

114,149

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

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

CIA/FDD KX-871

SLA 60-16301

SAL

Sci - Phys

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
Kinematograf, Vol IV, No 5, 1959, pp 329-333.

SI 10-12300

CIA/FDO 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, Ya. 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

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

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

CIA/FDD YX-870

544 60-10531

Sci - Phys

Aug 60

USIB INTERNAL USE ONLY

123,255

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 XX-914
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

NOTE 60
USIB 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/FDD XI-269

Sci - Phys

SIA 60-14673

Aug 60

USIB INTERNAL USE ONLY

123,264

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 Prikl Fotograf i
Kinematog, Vol IV, No 5, 1959, pp 593-599.

CIA/PDD XX-849

SIA 60-16299

USIB INTERNAL USE ONLY

Sci - Phys

Aug 60

123,262

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

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

CIA/FDD XX-846

123,252

Sci - Phys

Aug 60

USIB INTERNAL USE ONLY

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

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

CIA/FDS XX-964

Sci - Chemistry
Mar 61
OELB 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, I. O. Averbakh, 8 pp.

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

CIA/FDD XX-842

OTS-16540 123,248
also 63-16540

Sci - Phys
Aug 60

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. Belyakov, 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/FED XX-913

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

Nov 60

USIB INTERNAL USE ONLY

132, 332

OTS 60-16539

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/FOD 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

Ryzhanov, S.G.
DOMAINE ENERGETIQUE DE LA BANDE DES EXCI-
TONS DANS LE BROMURE D'ARGENT (The Energy
Range of the Exciton Zone in Silver Bromide). 4p.
6 refs. CNRS-XVIII 86.
Order from C.S. ETC or CNRS \$1.10 TT-62-28863

Trans. in French of Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii (USSR) 1956, 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. Ryzhanov, 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

CIA/FDD XX-873

Aug 60

SLA 60-16232

USIB INTERNAL USE ONLY

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

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

CIA/FDD XX-843
OTS 60-10535

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/FOO XX-856

OTS 40-10571

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 Neuch i Prikl: Fotograf i
Kinematog. Vol IV, No 6, 1959, pp 430-432.

CIA/FDD XX-841
OTS 60-16536

Sci - Phys

Aug 60

USIS INTERNAL USE ONLY

123,251

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

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

CIA/FDD XX-913

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

Nov 60

USIB INTERNAL USE ONLY

132, 332

OTS 60-12539

Repellency Suppression by Wetting Agents in Photographic Emulsion Coatings. Part 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
Kineematog, Vol. IV, No 6, 1959, pp 423-426.

CIA/FDD KX-842

OTS-16540 123,248
doc 67-16112

Sci. Phys

Aug 60

USIE INTERNAL USE ONLY

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

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

CIA/FDD XX-964

Sci - Chemistry
Mar 61
USIB ONLY

NOT RELEASABLE TO
FOREIGN NATIONALS

141,272

Reference: 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.
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TT-62-28863

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

Office of Technical Services
European Translations 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/TOD XA-865

Sci - Phys

Aug 60

USII INTERNAL USE ONLY

123,246

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

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

CIA/PDD KX-864

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/PDD XX-863

Sci - Phys

Aug 60

USIR INTERNAL USE ONLY

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

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

CIA/FDD XX-862

OTS 60-10031

Sci - Phys

Aug 60

123,257

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

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

CIA/FDD EX-912

NOT RELEASABLE TO FOREIGN NATIONALS

ALL INFORMATION

132.239

Sci - Phys

Nov 60

USIE INTERNAL USE ONLY

Also - SLA 60-15562

A Study of the Processes of Aging And Stabilization of Photographic Materials. III. Physico-chemical Mechanism of Anomalous Aging, by V. I. Sheberstov, 8 pp.

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

CIA/FDD XX-911

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys
Nov 60

122,337

CSIB INTERNAL USE ONLY

000524 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. Vifanskiy, Yu. N.
Gorokhovskiy, N. D. Khrol'kova, 6 pp.

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

CIA/FID XX-966

Sci - Physics
Mar 61

NOT RELEASABLE TO
FOREIGN NATIONALS

USIB ONLY
also CPS 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
Kinematograf, Vol V, No 1, 1960, pp 20-27.

CIA/FDD XX-910

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

Nov 60

132, 238

USIB INTERNAL USE ONLY

Also SAH 60-15115

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

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

SLA 61-10280

NEL 01-0715

Vol V, No 5
Jul 61

160,161

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

RUSSIAN, per, Zhurn Nauch Prikl Fotografi i
Kineemat. Vol V, No 1, 1960, pp 34-38.

REL M. 2787

Sci - Phys

179, 797

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 00.1790

CIA/FDD XX-909

NOT RELEASABLE TO FOREIGN
NATIONALS

Sci - Phys
Nov 60

122, 326

USIR INTERNAL USE ONLY

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

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

ALL M. 276/
CIA/VID XX-968
SLA 61-14577

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 P 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
Kinematografi, Vol V, No 1, 1960, pp 56, 57. 9093917

Reverse Trans
CEA Tr-R-1133

Sci
Jun 61

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

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

CIA/PDD HK-923

NOT RELEASABLE TO FOREIGN NATIONALS.

Sci - Physics

Nov 60

USIB INTERNAL USE ONLY

NIL 11.2.64

132, 527

Also 324 60-18866

Effect of Reciprocity Failure at Long Exposures in
Kuclear Emulsion Sensitized with Triethenylamine,
by A. I. Koryukhinskiy, S. I. ~~Shur~~ ^{Shur}, 2 pp.

RUSSIAN, per, Zhur. Nauch i Prikl Foto Kinematograf,
Vol V, No 1, 1960, pp 58-60.

NLL 11/1/60
CIA/FDD XI-969

Sci - Physics

Mar 61

USIR QUIN

also SLA 60-168,2

Not RELEASABLE TO
FOREIGN NATIONALS

141,275

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

RUSSIAN, per, *Zhur Nauch i Prikl Fotograf i Kinematograf*,
Vol V, No 1, 1960, pp 62, 63.

CIA/FDD XX-908

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

Nov 60

USIB INTERNAL USE ONLY

NLE 11.2438

Alone 11.2438 60-15774