

REC
Uncl (RFP-TRANS-73) SCIENTIFIC AND APPLIED PHOTO-
GRAPHY AND CINEMATOGRAPHY. Kirlean, S. D.; Kirlean,
V. Kh. Translated From Zh. Nauch. Prikl. Fotogr. Kinema-
togr.; 6: 9(1961). Nov/Dec 1961. 18p.

physics; translations

ND-2 P RC

Unlimited

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

RUSSIAN, per, Zhur Nauch i Prikl Fotografii i
Kinematografii, Vol V, 1962, pp 293-294.

NLL M 8937

Sci - Phys
May 63

Investigation of the Process of Development of Color
Negative Film in Developers with Various pH Values, by
A. Vsheminskiy, N. I. Kirillov, 20 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i Kinematog,
Vol VII (1), 1962, pp 5-19.

CIA/PDD KK-1240

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Sci

OTS - 62 - 18589

Aug 62

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USIB INTERNAL USE ONLY

Effect of Some Chemicals on Photochromism, by
Yu. A. Yakovlevichene, 13 pp.

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Vol VIII, No 1, 1962, pp 20-25.

ILL Ref: 5329.4 1962 (10 401)
(Loan)

QTS (1-14) 27

Sci - Physics
Oct 63

Dependence of the Amount of Reduced Silver in a
Developed Emulsion Upon the pH Value of Developer,
by G. P. Fayerman, N. N. Shishkina, 5 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinemat-
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OTS 62-18535

USIB INTERNAL USE ONLY

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PREPARATION OF ELECTROPHOTOGRAPHIC IMAGES IN KM
LIQUID DEVELOPERS, BY S. I. KIKTOYALOVICH, A. YU.
SHKEL'D, 3 PP.

RUSSIAN, PER, ZHURNAL DLA PRAKTIKOV I NEKADREKOV, ~~RUSSIAN~~,
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CIA/FDD XX41195

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Activation Energy of Thermal Decay of Latent Image
Centers as a Function of the Number of Atoms, by A. L.
Kartuzhinskiy, 5 pp.

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Change in the Amount of Developed Silver Depending
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Vol VII (1), 1962, pp 61-62.

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Contact Screens Prepared on a Photographic Film
Consisting of Two Layers, by K. R. Yanson, 2 pp.

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Sci - Phys

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Parallel Characteristics Between the Photographic Activity of Benzothiazolotetrazole Derivatives and Their Adsorption on Emulsion Grain Surface, by B. M. Ivanov, 4 pp.

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CIA/FID XX-1242

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METHOD FOR MEASURING SPECTRAL ABSORPTION OF EMULSION
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USIB INTERNAL USE ONLY

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Testing Photographic Materials for Microreproduction,
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CIA/FDD XX-1294

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(SP-1079)

Photographic Education in Colleges and Universities, by Yu. N. Gorokhovskiy, 4 pp.

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Sci - Phys
May 62

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(SF-133879)

Third Rungsten Conference on Scientific
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I. I. Levkoyev, et al, 6 pp.

UNCLASSIFIED, per, Zhur Nakhuch KEX i Prik
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1988, at 76-80.

JIRS 13812

Sci - Eye
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Adsorption of Dyes on Silver Halide, Part II.
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Solov'yev, I. I. Rodionova, 6 pp.

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Kinematograf, Vol VII, No 2, 1962, pp 81-85.

CIA/FDD XX-1295

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Hypersensitization of Very Fine-Grain Nuclear Emulsions
With Triethanolamine, by N. R. Novikova.

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NLL Ref: 5828.4 1963 (10 349)
(Loan)

OTS 63-16624

Sci - Physics
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Comparison Standards for Graininess Measurements, by
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OTS 62 0884

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USIB INTERNAL USE ONLY

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Resolving Power of Human Photographic Emulsions,
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MLA N 8942

Sci - Phys
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Thermal Relationship of Photographic Development,
by V. I. Sheberstov, K. V. Vendrovskiy, 13 pp.

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Vol VIII, No 2, 1962, pp 103-111.

CIA/FDD XX-1364
No Foreign Dissem

CTE 63-18183
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Sci - Physics
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Effect of Atmospheric Haze Upon Aerial Color
Photography, by N. I. Bogachkov, 17 pp.

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USIB INTERNAL USE ONLY

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075 - 1271

Range of Variation in the Sensitivity of the Photo-
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CIA/FDD XX-1298

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NLUM 8946
OTS 62-18575

USIB INTERNAL USE ONLY

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Information Approach to Evaluating Sensitivity in
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NLL M 8938

USIB INTERNAL USE ONLY

OTJ 63-14774

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Quantum Output of the Photographic Process on
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MLL Ref: 5828.4 1963 (10 353)
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Sci - Physics
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Specific State of Formation of J-Polymers on
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JOURNAL OF POLYMER SCIENCE: PART A-1
Vol VIII, No. 2, 1970, pp 1423-1435

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REF ID: A6318075 (7th - 8/1/73)

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RUSSIAN, part, Zhurn. Nauch. i Prikl. Fotog. i Kineematog.,
Vol. VII, No. 2, 1962, pp. 146-150.

UML Ref: 5628.4 1963 (10 30)
(Open)

Sci - Physics
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Physical Ripening in the Mixture of AgCl and AgBr
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ALL Ref: 5828.4 1963 (10 355)
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Sci - Physics
Oct 68

Change in Dimensions of Cellulose Ester Films,

Second Scientific-Technical Conference on Electro-
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CIA/FDD XX-1300

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OTL 10-10-73

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USIB INTERNAL USE ONLY

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A Diffusion Method of Hardening Emulsion
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14 pp.

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No Foreign Dissem

Sci - Physics
May 63
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Effect of Plastic Deformation on the Spectral
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CIA/FDD XX-1368
No Foreign Dissem

ATTN: G-2

Sci - Physics
May 63
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Study of the Temperature Dependence of Photographic Development, IX. The Activation Energy of the Development of Inherent Defects in Silver Halide Crystals in Photographic Layers, by V. I. Sheberstov, A. S. Kheinman, 8 pp.

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CIA/FDD XX-1379
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075 or 224 67-5184 (1.60)
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Sci -
Jul 63
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Adirovich, E. I. and Fridkin, V. M.
DEVIATIONS FROM THE RECIPROcity LAW IN
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RECIPROcity FAILURE CURVES. [1964] 9p
Order from ATS \$11.50 ATS-97Q73R

Trans. of Zhurnal Nauchnoi Prikladnoi
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p. 187-194.

(Materials--Photographic, TT, v. 11, no. 12)

TT-64-12757

- I. Adirovich, E. I.
- II. Fridkin, V. M.
- III. ATS-97Q73R
- IV. Associated Technical
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Office of Technical Services

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NEW METHODS OF COATING EMULSION AND
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[27p] 17refs
Order from OTS, SLA, or ETC \$2.60 TT-64-14779

- I. Levi, S. M.
- II. Tsvetkov, G. M.
- III. Khazan, S. M.
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(Materials--Photographic, TT, v. 11, no. 11)

Office of Technical Services

Measurement of Signal-Noise Ration in Photo-
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6 pp.

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pp 221-223.

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CIA/FDD XX-1367
~~Foreign Dissent~~

Sci - Physics
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Fine Structure of Admixture Absorption Spectrum
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[1963] 16p.
Order from ATS \$22.85

ATS-28Q68R

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Fotografii i Kineematografii (USSR) 1962, v. 7,
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DESCRIPTORS: *Electrophotography.

(Materials--Photographic, TT, v. 10, no. 1)

- I. Grenishin, S. G.
- II. Cherkasov, Yu. A.
- III. ATS-28Q68R
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A New Method of Determining the Sharpness of a
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No 4, 1962, pp 266-271.

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Sci -
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INVESTIGATION OF THE FACTORS INFLUENCING
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Order from ATS \$14.50

- I. Borin, A. V.
- II. Logak, P. I.
- III. ATS-77P65R
- IV. Associated Technical Services, Inc., East Orange, N. J.

Trans. of Zhurnal Nauchnoi i Prikladnoi Foto-
grafi i Kineematografii (USSR) 1962, v. 7, no. 4,
p. 248-251.

DESCRIPTORS: *Photographic emulsions, Sensitivity.

1. Borin, A. V.

2. Logak, P. I.

3. Associated Technical Services, Inc.

(Material: Photographic, IT, v. 9, no. 6)

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Nesterovskaya, E. A. and Nechaeva, T. A.
THE PROBLEM OF THE ABSORPTION SPECTRUM OF
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FORMED IN IT. [1962] 6p.
Order from ATS \$9.50 ATS-79P65R

- I. Nesterovskaya, E. A.
- II. Nechaeva, T. A.
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- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinetologii (USSR) 1962, v. 7, no. 4,
p. 252-256.

DESCRIPTORS: Silver compounds, Halides, Color
centers, Photochemistry, Absorption spectrum, *Photo-
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(Materials--Photographic, TT, v. 9, no. 6)

Office of Technical Services

The Dependence of the Results of Development on the Properties of the Emulsion Layer, by N. N. Shishkina, 7 p.

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CIA/FDD XX-1493
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Sci - Chem
Mar 64
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Levina, F. A. and Plavina, I. Z.
SPECTRAL CHARACTERISTICS OF SENSITIZED
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Order from ATS \$8.50 ATS-98Q73R

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(Materials-Photographic, TT, v. 12, no. 2)

TT-64-22107

- I. Levina, F. A.
- II. Plavina, I. Z.
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- IV. Associated Technical Services, Inc., East Orange, N. J.

A New Method of Determining the Sharpness of a
Photographic Image, by K. D. Dlyanberg,
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CIA/FDD XX-1377
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Sci -
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Some Problems Relating to the Accuracy of
Reproduction of Images by Electrophotographic
Methods, by S. I. Khotymovich,
RUSSELL, per, Zh. Nauchn. i Prikl. Fotogr.
i Kinematogr., Vol VII, No 4, 1952,
pp 272-279.
NFS W-4682

Sci-Methods & Equip
Apr 57

S21,517

Study of the Physical Definition of a Photographic
Image I. Method for Obtaining Boundary Curves
and Their Evaluation, by Yu. K. Vifanski,
Yu. N. Gorokhovskii, 11 pp.

RUSSIAN, per, Zhur Nauch Prik Fot Kinemat,
Vol VII, No 4, 1962, pp 290-296.

CIA/RDD XX-1439
No Foreign Dissem

Sci -
Oct 63
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Fatigue in Electrophotographic Layers, by
N. I. Myun'ko,
RUSSIAN, Zh. Nauchn. i Prikl. Fotogr.
i Kineatogr., Vol VII, No 4, 1962, pp 297-298.
AFS 1044647

Sci-Methods & Equip
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S21,515

Natanson, S. V. and Levkoev, I. I.
REACTION OF SENSITIZING DYES WITH MOLECULAR BROMINE. [1962] 5p.
Order from ATS \$6.50

ATS-78P65R

Trans. of Zhurnal Nauchn[ot] i Prikl[adnoi] Fotogr[afii] i Kinematogr[afii] (USSR) 1962, v. 7, no. 4, p. 300-304.

DESCRIPTORS: *Photographic recording media, Color film, *Dyes, Sensitivity, Chemical reactions, *Bromine.

(Materials--Photographic, TT, v. 9, no. 5)

63-12466

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- II. Levkoev, I. I.
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- IV. Associated Technical Services, Inc., East Orange, N. J.

The Possible Shape of the Reciprocity Failure
Curve for the Electrophotographic Process on
ZnO Layers, by V. M. Fridkin,
RUSSIAN, per, Zh. Nauchn. i Prikl. Fotogr. i
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AFS 43-4645

Sci-Methodes & Equipment
Apr 67

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Reports on Latent Photographic Image and Optical
Sensitization Presented at the International
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P. V. Meiklyar, 7 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotografii i
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CIA FDD-XX-1334
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Sci - Phys
6 Mar 1963

USIB INTERNAL USE ONLY

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The Size of AgBr Grains as a Function of the
Concentration of the Starting Solutions, by
K. S. Lyalikov, N. M. Voronkova, 10 pp.

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CIA/FDD XX-1381
NO FOREIGN DISSEM

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Investigations of the Processes of Aging and
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V. I. Sheberstov, 11 pp.

RUSSIAN, per, Zhur Nauch Prik Foto Kine,
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CIA/FDD XX1382
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RUSSIAN, For, Zhur Nauch. i Prik Foto Kine, Vol VII, No 5, 1962, pp 354-58

CIA/FDD XX-1378
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Some Problems in Computing the Photometric
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RUSSIAN, per, Zhurn Nauch Prik Foto Kino,
Vol VII, No 5, 1962, pp 359-368.

CIA/FOD XX-1383
NO FOREIGN DISSEM

Sci -
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USIB Internal Use Only

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63-17374

Vifanskii, Yu. K. and Gorokhovskii, Yu. N.
EFFECT OF CONDITIONS OF THE BLACK-AND-
WHITE PHOTOGRAPHIC PROCESS ON PHYSICAL
SHARPNESS. Pt. 2 of Investigation of the Physical
Sharpness of the Photographic Image. [1963] 11p.
Order from ATS \$13.25 ATS-65Q68R

Trans. of Zhurnal Nauchnoi Prikladnoi
Fotografii i Kinematografii (USSR) 1962, v. 7,
no. 5, p. 369-379.

DESCRIPTORS: *Photographic images, *Photographic
processors, Photography.

(Materials--Photographic, TT, v. 10, no. 5)

- I. Vifanskii, Yu. K.
- II. Gorokhovskii, Yu. N.
- III. Title: Investigation...
- IV. ATS-65Q68R
- V. Associated Technical
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Office of Technical Services

The Effect of Stirring on the Properties of
Highly Dispersed Photographic Emulsions, by
V. V. Vasil'ev, 3 pp.

RUSSIAN, per, Zh. Nauch. i Prikl. Foto i Kine,
Vol VII, No 5, 1962, pp 381-383.

CIA/FDD XX-1384
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USIB Internal Use Only

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Physical Development on Gold Nuclei, by
Ya. M. Veprik, 3 pp.

RUSSIAN, per, Zh. Nauchn. i Prikl. Fotogr. i
Kinetogr., Vol VII, No 5, 1962, pp 384-385.

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Sci -
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Some Special Features of Photographic Emulsion
Luminescence, by V. M. Belous, 4 pp.

RUSSIAN, per, Zhur Nauchn i Prikl Fotogr i Kine,
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CIA/FDD XX-1441
No Foreign Dissem

Sci - Physics

Oct 63

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Influence of Structural Factors on the Stabilizing
Activity of Purines, by Ya. A. Levin, V. A. Kukhtin,
4 pp.

RUSSIAN, per, Zhur Nauch Prik Foto Kine, Vol VII,
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Grapho-Analytical Method of Determining the
Parameters of the Contrast Function of
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4 pp.

RUSSIAN, per, Zh Nauch Prik Foto Kine, Vol VII,
No 5, 1962, pp 390-91.

CIA/FDD XX-1387
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Detection of Dyes With the Aid of a
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DESCRIPTORS: *Electrophotography

(Materials--Photographic. TT. v. 11, no. 10)

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DESCRIPTORS: *Photographic emulsions, *Photosensi-
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Photographic filters, *Thiocyanines,

An investigation was made of effect of a thiocarbocya-
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DESCRIPTORS: *Photographic emulsions, *Photo-
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DESCRIPTORS: "Photographic emulsions, Aging (Materials), Optical properties, Sensitivity, Dyes, Silver compounds, Halides. Absorption spectrum.

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23 pp.

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