

Dependence of the Resolving Power of Photographic
Fapers Upon the Aperture of the Resolving
Power Camera Lens, by Yu. N. Gorokhovskiy,
T. A. Lomachenkova.

RUSSIAN, per, Zhurnal Nauch i Prik Fotogr i
Kinemat, Vol 18, No 2, 1968, pp 130-131.
NYC-69-16221-14E

Sci-Math & Equip
Feb 70

402,887

New Type of Fading of the Latent Image in
Nuclear Emulsions at Liquid Helium Tempera-
ture, by V. I. Matvyenko, K. A. Petrzhak.
RUSSIAN, Per, Zh Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 2, 1968, pp 132-133.
WFO-69-16111-14E

Sci-Meth & Equip
Feb 70

402,873

The Obtainment of Holograms of a Live Diffuse Object by Means of a Single-Mole Ruby Laser, by D. I. Stasul'ko.

RUSSIAN, per, Zh Nauch i Prikl Fotogr i Kinet, Vol 13, No 2, 1968, pp 135-136.

ATS RJ-5184

Sci-Phys
July 69

385,527

The Correctness of the Application of Gaussian
Distribution for Evaluating the Random Devia-
tions of the Optical Sensity of Developed
Photographic Image, by S. B. Gurevich.
RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 2, 1968, pp 137-138.
WFO-69-16213-14E

Sci-Meth & Equip
WFO 70

402.885

Non-emulsion Photographic Layers for Preparing
Images of Individual Nuclear Particle Tracks,
by A. I. Kartushanskiy, V. Ye. Privalova.
RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 2, 1968, pp 139-145.
NRC-69-16256-14E

Sci-Meth & Equip
Feb 70

402,890

Conference on the Problems of Aging and Stabilization of Photographic Emulsions, by
A. S. Kheyman.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinet,
Vol 13, No 2, 1968, pp 145-149.
NII Ref:5828.4F (M.13346)

Sci-Phys
Feb 70

401,583

Reaction of Inert (noble) Metals Salts with
Gelatin, by L. P. Malnichuk.
RUSSIAN, per, Zh Nauch i Srik Pot i Kinezat,
Vol 13, No 3, 1968, pp 153-157.
NLL Ref:5828.4F (M.13420)

Sci-Chem
Feb 70

401,491

Investigation of the Hardening of Gelatin
Emulsion Layer, by Ye. D. Korneva.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 3, 1968, pp 157-160.
MLL Ref:5828.4F (M.13347)

Sci-Phys
Feb 70

401,584

Some Possibilities of Increasing the Efficiency
of Streak-cameras and Spectro-chronographs, by
Yu. P. Shchepetkin.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 3, 1968, pp 161-165.
NII, Ref:5828.4F (M.13348)

Sci-Meth & Equip
Feb 70

401,480

Ionic Equilibrium of Chromic Acid System, by
V. A. Veidenbakh, G. G. Malygina.
RUSSIAN, per, Zh Neuch i Prikl Fot i Kinemat,
Vol 13, No 3, 1968, pp 165-167.
MLL Ref:5828.4F (M.13349)

Sci-Chem
Feb 70

401,475

Mathematical Determination of the Parameters
of Optimum Masking of Color Negative Films,
by L. F. Artyushin.

RUSSIAN, per, Zh Nauch i Tekh Fot i Kinemat,
Vol 13, No 3, 1968, pp 168-174.
NLL Ref:5828.4F (M.13416)

Sci-Meth & Equip
Feb 70

401,574

Investigation of Chemical Sensitization with
Gold, by Zh. L. Broun, K. V. Chibisov.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinet,
Vol 13, No 3, 1968, pp 174-178.
NLL Ref:5826.4F (N.13350)

Sci-Chem
Feb 70

401,471

Kinetics of the Dark Decay of Charge of Electro-
photographic Zinc Oxide Layers, by
V. I. Gaidalis.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinesmat,
Vol 13, No 3, 1968, pp 186-191.
MLL Ref:5828.4F (M.13351)

Sci-Phys
Feb 70

401,570

Evaluation of the Optical Properties of a
Motion Picture Projector Lens According to
Frequency-contrast Characteristics, by
M. B. Olvovskaya.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 3, 1968, pp 191-196.
NLL Ref:5828.4F (M.13352)

Sci-Meth & Equip
Feb 70

401,449

Effect of Iodide Ions on Photographic Properties
of Silver Chloride Emulsions, by V. V. Andreyanov,
A. N. Yordanskiy.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 3, 1968, pp 196-200.

NEL Ref:5828.4F (M.13353)

Sci-Mth & Equip
Feb 70

401,573

Determination of Frequency-contrast Characteristics of Photographic Emulsions, by
A. F. Mel'nikov, V. V. Minayev.
RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 200-202.
WTC-69-16247-14E

Sci-Meth & Equip
Feb 70

402,889

Thermodynamic Theory of Photographic Process,
by Ye. A. Galashin.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 3, 1968, pp 203-210.
NLL Ref:5828.4F (M.13384)

Sci-Phys
Feb 70

401,571

Fixing-washing Apparatus for Processing Pellicle
Stacks, by V. V. Barabov.

RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 212-214.

NTC-69-16262-14E

Sci-Meth & Equip
Feb 70

402,896

Granularity Spectra of Black-and-white Motion
Picture Films, by M. A. Aingorn.
RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 214-215.
ENC-69-16261-142

Sc-Meth & Equip
Feb 70

401,895

Effect of Polyethylene Glycol on Silver Bromide
and Silver Iodo-bromide Photographic Emulsions,
by A. M. Churayeva, S. M. Ryshkova.

RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 216-217.

HTC-69-16260-14E

Sci-Meth & Equip
Feb 70

401,894

Effect of Peroxide Compounds on the Hardening
Development Process, by L. V. Krasnyi-Admoni.
RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 218-219.
WAC-69-16259-14E

Sci-Meth & Equip
Feb 70

402,893

Photographically Active Surface Layer of
Silver Halide Emulsion Grains, by
Ye. V. Kal'manson.

RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 219-221.
MTC-69-16258-14E

Sci-Meth & Equip
Feb 70

401,892

Effect of Silver Iodide of Photographic
Emulsion on Macro-graininess Depending Upon
the Nature of Developing Agent, by
I. M. Kilinskiy, T. Ye. Klarner.
RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 222-224.
NTC-69-16257-14E

Sci-Meth & Equip
Feb 70

40X, 891

Luminescence Investigations of the Role of
Silver Sulfide Complexes in the Formation
of Photographic Sensitivity of Silver
Halide Emulsions, by V. M. Balous.

MURSIAN, per, Zh Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 224-226.
NYC-69-16108-14E

Sci-Meth & Equip
Feb 70

402,872

Photography of High-pressure Water Jets
Exposed to the Illumination of Nitrogen
Share Pulse Lamp, by N. N. Nagodayev,
V. G. Tushkov.

RUSSIAN, per, Zh Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 4, 1968, pp 241-245.
REC-69-16107-14E

Sci-Meth & Equip
Feb 70

402,871

Role of Potassiumiodide in the Physical Ripening
of Emulsions, by K. M. Ginsburg.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 4, 1968, pp 246-252.
NLL Ref:5828.4F (M.13371)

Sci-Phys
Feb 70

401,581

Investigation of the Hardening Development
Process, by Ye. F. Rul.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 4, 1968, pp 252-259.
NLL Ref:5828.4F (N.13342)

Sci-Phys
Feb 70

401,594

Optimization of Signal/Noise Ratio on Photo-
graphic Images of Weak Spectral Lines, by
M. A. Aingorn.

RUSSIAN, per, Zh Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 4, 1968, pp 265-270.

NTC 69-15693-14E

NLC Rf 5858 476 (M.134 50)

Sci-Meth & Equip
Dec 69

398,456

Effect of the Electrical Conductivity of the Paper
Base of an Insulator on the Electrophotographic
Image in a Two-Layer "Photoconductor-Insulator"
System, by L. G. Vinokurov.

RUSSIAN, per, Zh Nauchn i Prik Fotogr i Kinematogr,
Vol 13, No 4, 1968, pp 271-273.

ATS RJ-5186

Sci/Phys
July 69

385,529

Effect of the Amount of Silver Iodide in
Emulsions on the Photographic Image Quality,
by V. L. Zelikman.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 4, 1968, pp 273-276.
NLL Ref:5828.4F (M.13373)

Sci-Meth & Equip
Feb 70

401,601

Comparison of Silver Halide Photolysis and
Formation of Latent Image, by Zh. L. Broun,
K. V. Chibisov.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kineemat,
Vol 13, No 4, 1968, pp 276-279.
MLL Ref:5828.4F (M.13374)

Sci-Meth & Equip
Feb 70

401,577

Photographic Properties of Some Symmetric and
Asymmetric Benzimidazolocarboyanines Contain-
ing Trifluoromethylsulfonyl Group, by
Ye. N. Lifshits.

RUSSIAN, per, Zhurnal i Prikl Fot i Kinet,
Vol 13, No 4, 1968, pp 280-286.
NLL Ref:5828.4F (M.13359)

Sci-Phys
Feb 70

401,586

Luminescence Investigations of the Photographic
Emulsion Solid Phase Formation Process, by
V. M. Balous, L. P. Melnieluk.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 4, 1968, pp 286-289.
NLL Ref: 5828.4F (M.13375)

Sci-Meth & Equip
Feb 70

401,575

Dependence of the Desensitizing Effect of Dyes
Upon the Emulsion Grain Size, by
E. P. Dolmacheva, P. V. Melikyan.
RUSSIAN, per, Zh Nauch Prikl Fot i Kinemat,
Vol 13, No 4, 1968, pp 289-291.
MLL Ref:5828.4F (M.13376)

Sci-Phys
Feb 70

401,568

Thermodynamic Theory of Photographic Process,
by Ye. A. Galashin.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 4, 1968, pp 292-298.

MLL Ref:5828.4F (M.13377)

Sci-Meth & Equip
Feb 70

401,580

Electrophotographic Layers for Vacuum Ultra-
violet Spectral Region, by L. N. Vinokurova,
S. G. Grenishin.

RUSSIAN, Per, Zh Nauch i Prikl Fotogr i
Kineemat, Vol 13, No 4, 1968, pp 299-301.
RRC-69-16152-142

Sci-Meth & Equip
Sub 70

402.875

Multiplication of Electron Excitations During
Photolysis and Photographic Sensitivity of
Silver Halide Emulsions, by Yu. A. Cherkasov,
RUSSIAN, per, Zh Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 4, 1968, pp 302-304.
WTC-69-16153-14E

Sci-Meth & Equip
Feb 70

402,876

Calculation of the Position of Kirillov's Fine-
structure Maxima, by V. K. Zhuravlev.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kineemat,
Vol 13, No 4, 1968, pp 304-307.
NLL Ref:5828.4F (N.13380)

Sci-Phys
Feb 70

401,82602

New Method of Development of Electrophoto-
graphic Latent Image, by H. Fiedler,
W. Harms.

RUSSIAN, per, ZhNauch i Prikl Fotogr i Kinemat,
Vol 13, No 4, 1968, pp 307-308.
NTC-69-16200-14E

Sci-Meth & Equip
Feb 70

402,877

(SC-T 713025) METHOD AND TECHNIQUE OF SURVEYING DURING PHOTOGRAPHING AND VISUAL OBSERVATION IN A FIELD OF HIGH FREQUENCY CURRENTS. Frantov, G. S.; Mikhalevsky, V. I. ⁷⁸¹⁰Translated by Marcel I. Weinreich (Sandia Labs., Albuquerque, N. Mex.), from ¹³Zh. Nauch. Prikl. Fotogr. ¹³Kinematogr. ¹³: 309-10(1968). ²⁰6p. ²⁴Dep. NTIS.

77TC - 69-16201-14E
²⁴instrumentation; translations ²⁷18D

²⁸MN-37 ²⁹P NSA

Effect of Gelatin and Dispersity of the Solid
Phase of Emulsion on the Impurity Spectral
Light Sensitivity, by A. B. Pyatnitskaya.
RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 4, 1968, pp 310-312.
NTC-69-16210-14E

Sci-Meth & Equip
Feb 70

402,884

Classification of the Distribution of Emulsion
Grains by Size, by I. G. Minkovich.
RUSSIAN, per, Zh Nauch i Prikl Pot i Kinet,
Vol 13, No 4, 1968, pp 312-315.
MLL Ref:5828.4F (M.13361)

Sci-Phys
Feb 70

401,589

Effect of Polyethylene Glycol in the Developer
on the Structural Characteristics of Developed
Image, by V. I. Sheberstov, S. A. Borovkova.
RUSSIAN, per, Zhurnal Nauch i Prik Fotogr i
Kinemat, Vol 13, No 4, 1968, pp p315-317.
WTC-69-16208-14X

Sci-Meth & Equip
Feb 70

402,883

Nature of Photographic Sensitivity, by
K. V. Chibisov.

RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 4, 1968, pp 318-319.

WFO-69-16207-14E

Sci-Meth & Equip
Feb 70

402,882

Analytical Expression of the Curve of Reciprocity
Law Failure (Isopacity) at Long Exposures, by
V. M. Shvarts.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 5, 1968, pp 321-326.

MLL Ref:5828.4F (N.13429)

Sci-Phys
Feb 70

401,598

Acceleration of Photographic Development, by
N. M. Zyuskin.

RUSSIAN, per, Zh Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 5, 1961, pp 326-330.
NRC 69-15695-14E

Sci-Meth & Equip
Dec 69

398,458

Gravimetric Ratio of Components in Cascade
Developers, by K. M. Vinogradov,
I. A. Limantov.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 5, 1968, pp 330-333.
NLL Ref:5828.4F (M.13367)

Sci-Meth & Equip
Feb 70

401,600

Two-layer Flow of Viscous Liquid Down the
Sloping Surface of an Extrusion-coating
Machine, by D. K. Vachagin.
RUSSIAN, per, Zh Nauch i Prikl Pot i Kinemat,
Vol 13, No 5, 1968, pp 333-337.
ALL Ref:5828.4F (N.13368)

Sci-Phys
Feb 70

400,444

Evolution of Impurity Center in the Processes
of Second Ripening and Accelerated Aging of
Photographic Emulsions, by Zh. L. Broun.
RUSSIAN, par, Zh Nauch i Prikl Fot i Kinet,
Vol 13, No 5, 1968, pp 345-348.
NLL Ref:5828.4F (M.13437)

Sci-Methods & Equip

Math 70

401,567

~~Photometric Characteristics of Photographic~~
Emulsion Exposed to a Beam of Charged Particles,
by V. I. Matvyenko.

~~RUSSIAN, per, Zh Nauch i Prikl Fotogr i~~
~~Kinemat, Vol 13, No 5, 1968, pp 351-353.~~
~~NTC 69-15694-14E~~

Sci-Meth & Equip
Dec 69

398,457

Theory of Fading (Regression) of Photographic
Latent Image, by S. V. Ismaylov.
RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 5, 1968, pp 354-356.
EPC-69-16223-14X

Sci-Meth & Equip
Feb 70

402,888

V. Ya. Mikhaylov

Comparison of different methods of determining the transfer function of black and white aerial films. 5 pp.

RUSSIAN, Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, Vol 13, No 5, 1968, pp 356-359

AIR/FTD-HT-23-1869-71

Ласка, ТТ F 13, 146

sept 72

Photothermopolymerization Recording of Information, by N. G. Nakhodkin.
RUSSIAN, per, Zh Nauch i Prikl Fotogr i Kineemat, Vol 13, No 5, 1968, pp 359-360.
NRC-69-16205-148

Sci-Meth & Equip
Feb 70

402,881

Nature of Photographic Silver Bromide
Emulsion Luminescence Centers, by
A. A. Gadykova, V. G. Vlasov.
RUSSIAN, per, Zh Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 5, 1968, pp 360-362.
ENC-69-16204-14E

Sci-Meth & Equip
Feb 70

402,880

Developing and Hardening Properties of Thiazolyl
Derivatives of Pyrocatechol and Pyrogallol, by
M. S. Khaykin, Ye. F. Bul'.
RUSSIAN, per, Zh Nauch i Prikl Fotogr i Kinemat,
Vol 13, No 5, 1968, pp 362-363.
NTC-69-16220-14E

Sci-Meth & Equip
Feb 70

402,886

Polyphoton Mechanism of Spectral Sensitization,
by I. A. Akinov, A. V. Shabliya.
RUSSIAN, per, Zh Nauch i Prikl Fotogr 1
Kinemat, Vol 13, No 5, 1968, pp 364-365.
NIC-69-16203-14E

Sci-Meth & Equip
Feb 70

402,879

Analysis of the Ascending Arm of Isoopacity
(Reciprocity Law Failure) Curve by Meiklyar
Method, by I. M. Kuks.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 5, 1968, pp 365-367.
NLL Ref:5828.4F (M.13439)

Sc9-Phys
Feb 70

401447

Photochemical Interlinking of Rubber Molecules
in the Presence of Bisoxides, by A. G. Vavilov.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinetat,
Vol 13, No 6, 1968, pp 411-415.
MLL Ref:5828.4F (M.13395)

ATS. RJ-5368

Sci-Phys
Feb 70

401,599

70-13317-14E

Gimpelson, V. G.

MODELING OF THE KINETIC WETTING PROCESS OF
AN ANALOG COMPUTER. Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, v. 13, n. 6, p. 420-426,
1968.

Order from NTC as 70-13317-14E: HC \$ 7.60, MP \$ 5.00.

70-13318-14E

Arkhangelskiy, M. R.

ACCELERATION OF THE PROCESS OF DEVELOPMENT
BY FLEXURAL VIBRATIONS OF PHOTOGRAPHIC
EMULSION LAYER. Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, v. 13, n. 6, p. 426-428,
1968.

Order from NTC as 70-13318-14E: HC \$ 6.70, MF \$ 5.80.

70-13369-14E
G. Dekhtereva, V. V.; Savostyanova, M. V.
NEW METHOD OF MASKING NEGATIVES BY USING
PHOTOGRAPHIC FILMS. Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinetografii, v. 13, n. 6, p. 431-433,
1968.
Order from NTC as 70-13369-14E: HC \$ 6.70, MF \$ 5.80.

Application of Photographic Masking to Reduce
the Effect of Motion on the Sharpness of the
Photographic Image, by Yu. L. Biryukov,
Yu. L. Fivinskiy, et al. 5 pp.
RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy
Fotografii i Kineematografii, Vol 13, No 6, 1968
pp 462-463.
AIR/PTB/HT-23-487-69

sci/methods
apr 70

605,878

Table of Contents only (9)
RUSSIAN, per, Zhurnal Nauchno i Prikladnoy
Fotografii i Konomofotografii, No 1-6, 1968,
Nos 1-3, 1969.
FTD HT Speical 509-69

oct 69

395,314

Selection of the Necessary Overlap of Scanning
Lines During Photographic Printing, by
M. I. Bogachkov, V. Ya. Lapis.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinezmat,
Vol 14, No 1, 1969, pp 3-7.
NLL Ref:5828.4F (M.13355)

Sci-Meth & Equip
Feb 70

401,576

Effect of Electrons with Energies Ranging from
50 to 1200 ev on AgBr Grains of Nuclear Emul-
sions, by I. M. Kuks.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 14, No 1, 1969, pp 19-30.

NEL Ref:5828.4F (M.13394)

Sci-Phys
Feb 70

401,585

Effect of the Method of Chemical Ripening on
Photoluminescence of Photographic Emulsions,
by A. A. Sadykova, P. V. Matklyar.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 14, No 1, 1969, pp 30-34.
MLL Ref:5828.4P (M.13396)

Sci-Phys
Feb 70

401,595

Formation of the Latent Electrophotographic
Image in Anthracene During Photostimulated
Injection, by V. M. Fridkin,
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinet,
Vol 14, No 1, 1969, pp 35-39.
MLL Ref:5028.4F (M.13427)

Sci-Meth & Equip
Feb 70

401,569

Comparison of Luminescence Properties of
Silver Halide Crystallophosphors and Photo-
graphic Emulsions, by V. M. Belous.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 14, No 1,
1969, pp 39-41.
NTC-70-12817-14E

Feb 72

Photochemoplastic Recording of Information,
by N. G. Nakhodkin, N. G. Kuvshinskiy. 13 pp.
RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy
Fotografii i Kinematografii, Vol 14, No 1, 1968,
pp 41-48.
AIR/PTD-HF-23-612-69

sci/elect
may 70

406,889

Electrostatic Recording of Signals on Paper
without Dielectric and Conductive Coatings,
by Ye. G. Melikyan, M. S. Avakyan.
RUSSIAN, Per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 14, No 1, 1969, pp 49-51.
MC-69-16477-14E

Sci-Meth & Equip
Feb 70

402,869

Change in the Nature of Impurity Spectral
Light Sensitivity in the Process of Chemical
Ripening, by A. B. Pyatnitskaya.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 14, No 1,
1969, pp 54-56.
NTC-70-12818-14E

Feb 72

Substitution of Non-silver Materials for
Silver Halides in Photographic Systems, by
V. I. Shebarstov, K. V. Chihisov.
RUSSIAN, per, Zh Nauch i Prikl Fotogr i
Kinemat, Vol 14, No 1, 1969, pp 61-70.
MSC-69-15716-14X

Sci-Meth & Equip
Tab 70

hnp.87m

Basics of Mirror Scanning Theory, by A. S. Babovik.
15 pp.

RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy
Fotografii i Kinetografii, Vol 14, No 2, 1969,

pp 115-123.

AIR/FTD-HT-23-654-69

sci/physics
may 70

Investigation of Some Aryl Phosphines as
Activators of Spectral Sensitization, by
M. A. Akhmedzyanov.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 14, No 2,
1969, pp 148-149.

NTC-70-12816-14E

Feb 72

Effect of Antifoggants on the Rapid
Development Process, by Yu. E. Usanov.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 14, No 2,
1969, pp 149-152.
NTC-70-12815-14E

Feb 72

Investigation of Separating Ability of Aerial
Films on Colored and Spectrozonal Materials,
by V. M. Bakhvalov.
RUSSIAN, per, Zh Nauchnoy i Prikl Fotogr i Kine-
matografiy, Vol 14, No 3, 1969, pp 168-173.
AIR/FTD/MT-24-429-69

Sci-Meth & Equip
June 70

70-13319-07C

Usacheva, N. F.; Oranskii, Yu. G.; Sedova, G. A.
INVESTIGATION OF THE AUTOXIDATION OF PYROGAL-
LOL IN AQUEOUS-ALKALINE SOLUTIONS BY THE
ELECTRON PARAMAGNETIC RESONANCE METHOD.
Zhurnal Khimichnoi i Prikladnoi Fotografii i Kinematografii,
v. 14, n. 3, p. 201-203, 1969.

Order from NTC as 70-13319-07C: HC \$ 6.70, MF \$ 5.80.

High-Resolving Photographic Materials, by
I. R. Protas.
RUSSIAN, per, Zh Nauch i Prikl Fotogr i Kine-
matografiy, Vol 14, No 3, 1969, pp 209-211,
AIR/FTD/MT-24-429-69

Sci-Math & Equip

Trans 7/1

Measurement of Frequency-Contrast Characteristics
of Photographic Materials,
RUSSIAN, per, Zh Nauchnoy i Prikl Fotogr i Kine-
matografii, Vol 14, No 3, 1969, pp 214-228.
AIR/FTD/MT-24-429-69

Sci-Math & Equip
June 70

PREPARATION OF A MASKED COLOR NEGATIVE BY SEQ
UENTIAL TREATMENT OF A THREE-LAYER

CHEBOTAREVA, N. LANGUAGE-RU COUNTRY-UR

ZH. NAUCH. PRIKL. FOTOGR. KINEMATOGR., 1969,
14 (4), PP. 241-6

FSTC-HT-23-1199-73

Shadow Images of Bodies Obtained at Hypersonic
Speeds by Means of a Single-Pulse Laser, by
A. N. Berenkin, Yu. A. Danyev. 4 pp.
RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy
Fotografii i Kinematografii, Vol 14, No 4, 1969,
pp 249-251.

AIR/PTD-HT-23-274-70

Maty 279 Account to FTD Check

sci/PTD
nov 70

70-13320-14E

Rebovich, L. N.; Melklyar, P. V.

EFFECT OF THE CHEMICAL RIPENING AND THE
CONCENTRATION OF DYE ON THE SENSITIZED
LUMINESCENCE OF EMULSION LAYERS. Zhurnal
Nauchnoi i Prikladnoi Fotografii i Kinematografii, v. 14,
n. 4, p. 288-289, 1969.

Order from NTC as 70-13320-14E: HC \$ 6.70, MF \$ 5.80.

Dependence of the Microphotometric Graininess
(Granularity) Upon the Microphotometer Lens Aperture,
by I. I. Breido.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 14, No 5, 1969, pp 327-332.
NTC-71-10208-14E

Nov 71

Effect of Reaction Products on the Activation Energy
of the Development Process of Strongly Exposed Photo-
graphic Emulsion, by M. E. Arkhangelskii.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 14, No 5, 1969, pp 368-373.
NTC-71-12041-14E

Nov 71

Stability of F-Center Aggregates in Silver
Bromide, by M. I. Molotskii and A. N. Latyshev.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 14, 1969,
pp 380-382.
NTC 71-13693-14E

Feb 72

Some Problems of Photosynthesizing Copolymers
of Reticulate Structure with the Formation of
Image Reliefs, by N. K. Frunze.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 14, No 5,
1969, pp 387-389.

NTC 71-14101-14E

Feb 72

Leningrad Institute of Motion Picture Engineers, by
S. Z. Mandel.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 14, No 5, 1969, pp 390-391.
NTC-71-10203-14E

Nov 71

Resolving Power and Information Capacity of Photo-
graphic Images, by G. V. Pankova.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 14, No 6, 1969, pp 407-413.

NTC-71-10201-14E

DIALN 46-71

Nov 71

Mechanism of Hardening of Polymers With Azides by
Exposure to Light, by L. S. Efros.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii,
i Kinematografii, Vol 14, No 6, 1969, pp 428-431.
NTC-71-10205-14E

Nov 71

Investigation of Changes in Photographic Properties
of Gelatin After Removing its Surface-Active Impurities,
by V. A. Bekunov.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 14, No 6, 1969, pp 431-434.

NTC-71-12044-14E

Nov 71

Semi-Empirical Calculation of Ag₃ Dissociation Energy,
by M. I. Molotskii.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kinematografii, Vol 14, No 6, 1969, pp 437-439.

NTC-71-10210-14E

Nov 71

Method of Photographic Diffuzimetry and its Application
for Evaluating Photographic Film Sharpness, by

G. G. Gribaldin.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Foto-
grafii i Kinematografii, Vol 14, No 6, 1969, pp 440-
442.

NTC-71-10202-14E

Nov 71

Automation of Measurements of Modulation Transfer
Functions of Photographic Materials, Part I., by
D. V. Vendrovskii.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kinematografii, Vol 14, No 6, 1969, pp 442-445.
NTC-71-10499-14E

Nov 71

Isocapacity Equation for Reciprocity Law
Failure at High Illuminances, by I. E. Abramov.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 14, No 6,
1969, pp 449-451.
ITC-71-10669-20F

Nov 71

Determination of Modulation Transfer Functions of
Color Films, by Ya. V. Mikhailov.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 14, No 6, 1969, pp 451-454.

NTC-71-10497-14E

CIA X 7391

Nov 71

Photographic Process Based on Photolysis of Silver
Salts on the Surface of Semiconductors, by

A. D. Yavorskii-Sablin.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 14, No 6, 1969, pp 458-460.

NTC-71-10209-14E

Nov 71

Dependence of the Degree of Polyethylene Glycol
Effect on the Illuminance Level When the Photographic
Emulsion is Exposed, by V. I. Sheberstov.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinetografii, Vol 14, No 6, 1969, pp 460-461.
NTC-71-10207-14E

Nov 71

All-Union Symposium on the Physical Nature of
Photographic Sensitivity, by V. M. Belous, et al.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 14, 1969,
pp 464-468.
NTC 71-13691-14E

Feb 72

Color Separation Test of Color Photographic Paper,
by V. H. Baldivalov.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinetografii, Vol 15, No 1, 1970, pp 3-9.
NTC-71-10496-14E

Nov 71

A. N. Berezkin

The utilisation of a monopulse laser for the photography of models during ballistic studies. 8 pp.

RUSSIAN, per, Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, Vol 15, No 1, 1970, pp 21-24.

AKR/FTD-MT-24-1694-71

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