

TT-65-12942

Field 6A

Chibisov, A. K.; Karyakin, A. V.; Zubrilina, M. E.
PHOTOREDUCTION OF PIGMENTS UNDER FLASH ILLUMI-
NATION. 5p, 14refs.
Order from SLA: \$1.10 as TT-65-12942

Trans. of Akademiya Nauk SSSR. Doklady, v161 n2 p465-6
1965.

I. Chibisov, A. K.
II. Karyakin, A. V.
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MR 647

TT-65-12941

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Chibisov, A. K.

ELECTRON TRANSFER IN A REDUCTION REACTION
PHOTOSENSITIZED BY CHLOROPHYLL. 6p, 13refs.
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Trans. of Akademiya Nauk SSSR, Doklady, v160 p1417-20
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On the Photographic Activity of Gelatin, by A. L.
Karpova, A. A. Mikhailova, K. B. Chibisov, 4 pp.

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DESCRIPTORS: *Photographic emulsions, Sensitivity.

(Materials--Photographic, TT, v. 6, no. 4)

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- I. Title: Mitchell theory
- I. Chibisov, K. V.
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Desensitization Caused by Different Groups of
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Fine Structure of Admixture Absorption Spectrum
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Spectral Properties of Optically Hossensitized
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A Study of the Structure of Silver S Centers in
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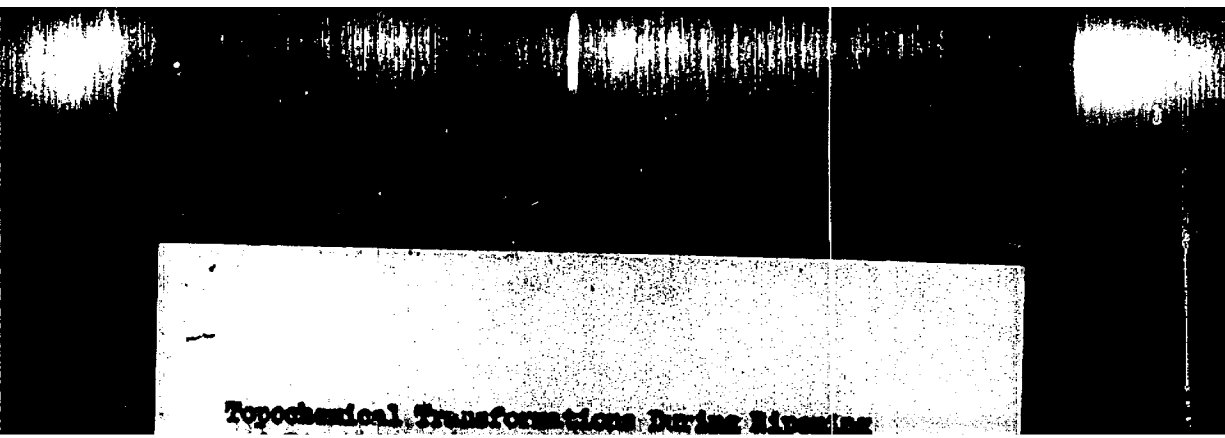
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Formation of Silver During Ripening, by A. A.
Mikhaylova, I. M. Batner, A. A. Titov, K. V.
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omitted) 61 refs.

Order from OTS or SLA \$14.00

61-19929

Partial trans. of mono. Data on the Palaeontology and
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DESCRIPTORS: *Paleoecology, Geology, Deposits,
*Sporoz., USSR.

This work is a result of the three-year research
(1953-1955) carried out by the Institute of Mines and
Geology of the Bashkirian branch of the Academy of
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Stratigraphy of Devonian and Older Deposits of
Bashkirya, Moscow, 1959.

DESCRIPTORS: *Paleoecology, Geology, Deposits,
*Spores, USSR.

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(1953-1955) carried out by the Institute of Mines and
Geology of the Bashkirian branch of the Academy of
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Order from SLA \$4.60

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Trans. of Journal de Chimie Physique (France) 1962,
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DESCRIPTORS: *Adsorption, *Thermodynamics,
Surface properties, Heat, Mathematical analysis,
Entropy, Monomolecular films.

Some typical patterns proposed for representing adsorption phenomena in mono- or multimolecular layer are studied, according to whether the molecules are mobile or fixed on the surface of the adsorbent. Methods of calculation from experimental data, fundamental quantities, heats and entropies, in particular, are then indicated. (Author) (See also 63-14741)
(Physics--Thermodynamics, TT, v. 10, no. 5)

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50p. 17 refs.
Order from SLA \$4.60 63-14741

Trans. of Journal de Chimie Physique (France) 1962,
v. 59, no. 4, p. 375-393.

DESCRIPTORS: *Adsorption, *Thermodynamics,
Surface properties, Heat, Phase studies, Mathematical
analysis.

The form taken by the fundamental equations of thermo-
dynamics in the presence of adsorption phenomena is
indicated, according to whether or not the properties of
the layer adsorbed itself are to be revealed. The heats
released by adsorption under different operating con-
ditions are then studied, showing in each instance the
role played by surface phenomena proper. (Author)
(Physics--Thermodynamics, TT, v. 10, no. 5)

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DESCRIPTORS: *Amines, *Nicotine.

(Unannounced)

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