

OSTROVIDOV, P.I.

~~Western Kazakhstan Veterinary Research Station.~~
373 '59.

Trudy VIEV 23:371-
(MIRA 13:10)

(Kazakhstan--Veterinary research)

USSR / Diseases of Farm Animals. Diseases Caused by Bacteria and Fungi. 2-1

Abs Jour : Ref Zhur - Biol., No 18, 1957, 83505

Author : Ostrovidov, R. I.

Inst : Institute of Veterinary Medicine, Kazakh section of the All-Union order Lenin Academy of Agricultural sciences imeni V. I. Lenin.

Title : The Problem of Pathogenesis of Brucellosis in Camels

Orig Pub : Tr. In-ta vet. Kazakhst. fil. VASKHNIL, 1957, 8, 7-11

Abstract : No abstract is given.

Card 1/1

USSR/Diseases of Farm Animals. Diseases Caused by Bacteria and Fungi. R-1

Abs Jour : Ref Zhur-Biol., No 18, 1958, 83506

Author : Ostrovidov, R. I.
Inst : Institute of Veterinary Medicine, Kazakh Section
of the All-Union ordena Lenin Academy of Agri-
cultural Sciences imeni V. I. Lenin.

Title : Methods of Brucellosis Control in Camels

Orig pub : Tr. In-ta vet. kazakhst. fil. VASKHNIL, 1957,
8, 27-33

Abstract : No abstract is given

Card 1/1

PETROV, N.G.; OSTROVIDOV, S.V.

Interaction of charges during consecutive blasting and the basic
factors determining the selection of the length of relaying. Fiz.
mekh. svois., dav. i razr. gor. porod. no.2:138-152 '63. (MIRA 17:1)

MINER, R. J., a former technical analyst, ITT Corp., Lowell, Mass., testified
that he had been contacted by a person who offered him \$10,000 to help

in a computation and selection of a list of names for a project with
a top priority, without any further information. He stated that he
had been contacted by a person who offered him \$10,000 to help
in a computation and selection of a list of names for a project with
a top priority, without any further information. He stated that he
had been contacted by a person who offered him \$10,000 to help

ACC NR: AP6030898

(A)

SOURCE CODE: UR/0080/66/039/008/1742/1747

AUTHOR: Ostrovidov, Ye. A.; Rotinyan, A. L.

ORG: Leningrad Technological Institute imeni Lensovet (Leningradskiy tekhnologicheskiy institut)

TITLE: Rate of hydrogen ionization on a half-immersed platinum electrode in an alkali hydroxide solution

SOURCE: Zhurnal prikladnoy khimii, v. 39, no. 8, 1966, 1742-1747

TOPIC TAGS: electric polarization, hydrogen, ionization, electrolyte

ABSTRACT: The object of the work was (1) to determine the polarization at an edge point of a half-immersed electrode and (2) study the influence of surface-active admixtures on the rate of hydrogen ionization. The upper part of the platinum wire electrode employed was in a hydrogen atmosphere, and the lower part was immersed in 7 N KOH. The derivative of the polarization of the edge point was found to increase with the polarization of the immersed part over a wide polarization range; this is attributed either to the fact that the electrolyte film becomes thinner in the dry part or to an increase in the density of the ionization current. It is shown that in the case of high polarizations, the series of experimental data obtained does not correlate with a film mechanism of hydrogen ionization. The data can be explained either in terms of kinetic hindrances caused by the slowness of the electrochemical stage,

Card 1/2

UDC: 541.13

L 05-55-67

ACC NR: AP6030898

or, preferably, by the fact that the ionization of hydrogen does not occur on the entire surface of the electrode, but only on active centers. The factor determining the ionization rate is the supply of hydrogen to the active centers both through the electrolyte film and by migration in the σ phase of the electrode (from adsorption centers to ionization centers). In conclusion, authors thank V. S. Daniel'-Bek for a useful discussion of a number of problems touched upon in the study. Orig. art. has: 4 figures, 2 tables and 11 formulas.

SUB CODE: 07/ SUBM DATE: 19Jun65/ ORIG REF: 003/ OTH REF: 002

Card 2/2 *egh*

OSTROVITYANOV, E.M., kand.tekhn.nauk; AFANAS'YEV, A.M., inzh.

Stiffness of shoe upper materials. Izv.vys.ucheb.zav.;
tekhn.prom. 3:66-73 '62. (MIRA 15:)

1. Moskovskiy tekhnologicheskii institut legkoy promyshlennosti.
Rekomendovana kafedroy tekhnologii obuvnogo proizvodstva.
(Shoe manufacture)
(Leather)

OSTROVITYANOV, Emiliy Mikhaylovich; MELIN, Ivan Vasil'yevich; KIVROVA,
Ye.P., inzh., retsenzent; MURAV'YEV, M.I., inzh., nauchnyy red.;
DIKHOVNYI, P.N., red.; KNAKHIN, M.T., tekhn.red.

[Adjustment and regulation of basic shoe machinery] Tekhnolo-
gicheskaya regulirovka osnovnykh obuvnykh mashin. Moskva, Gos.
nauchno-tekhn.isd-vo lit-ry po legkoi promyshl., 1959. 251 p.
(MIRA 13:5)

(Shoe machinery)

OSTROVITYANOV, Emiliy Michaylovich; IVANOV, Boris Yakovlevich;
APANAS'YEV, A.A., retsenzent; ZASLAVSKIY, M.A., retsenzent; SHVETSOVA,
T.P., retsenzent; TSVAYGENBAUM, B.M., retsenzent; MELIKSET'YAN, M.A.,
retsenzent; MINAYEVA, T.M., redaktor, POPOVA, T.G., tekhnicheskii
redaktor

[Technology of footwear; assembling uppers, molding, sewing and
finishing processes] Tekhnologiya obuvi; sborka zagotovok,
formovochnye, poshivochnye i otdelochnye protsessy. Moskva, Gos.
nauchno-tekhn. izd-vo M-va legkoi promyshl. SSSR, 1956. 391 p.
(MLRA 10:5)

(Shoe industry)

ZIMAKIN, K.N.; OSTROVITSYANOVA, L.V.

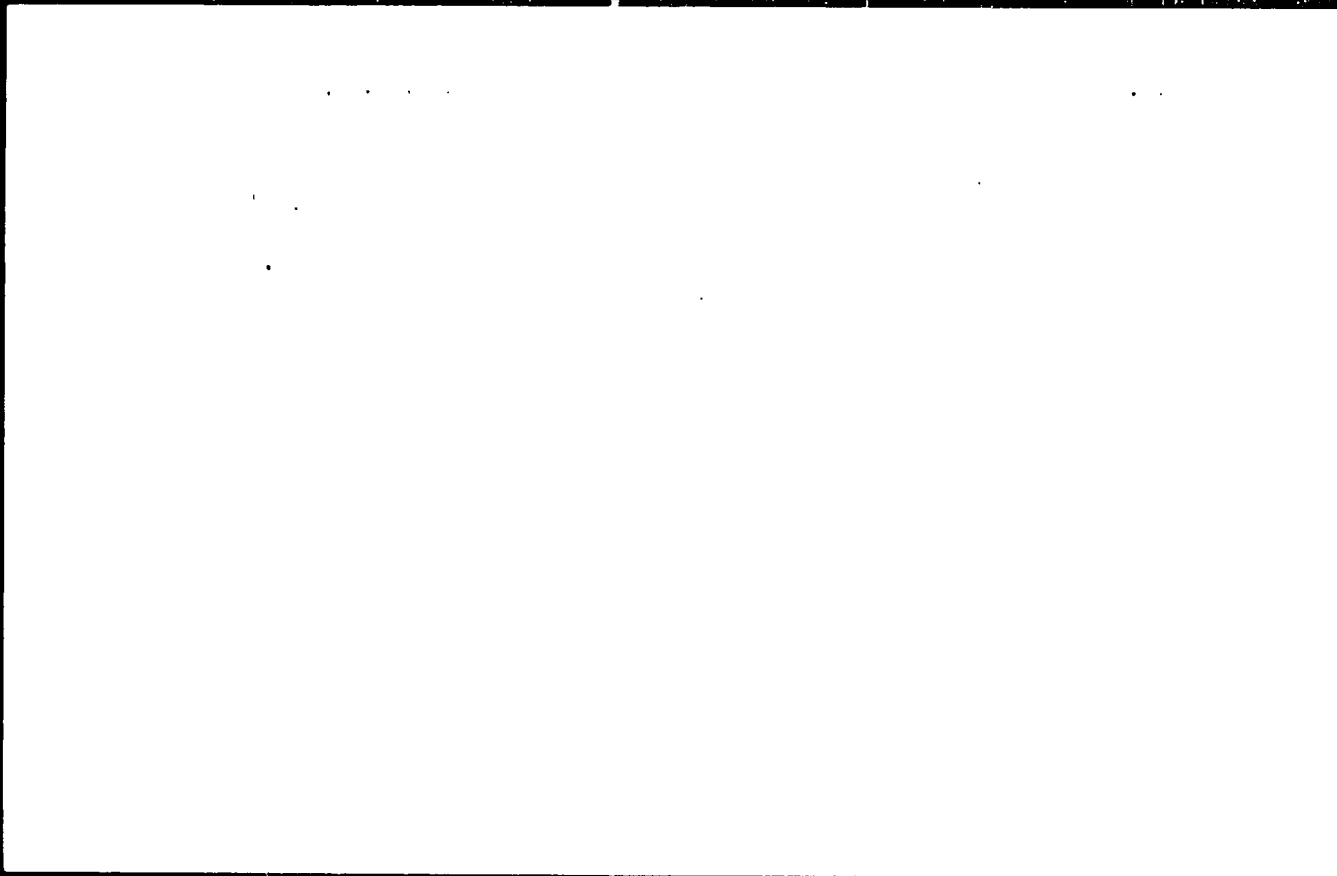
Experience in the activities of the board of the Scientific
Society of Obstetricians and Gynecologists of the R.S.F.S.R.
and of the local district. *Zhurn. Vost. 49*. 1963. 111-112.
Л-Аг'63 (MIRA 1963)

OSTROVIDOV, Aleksey Mikhaylovich; KUZNETSOV, Ivan Alekseyevich; KIRILLOV,
V.S., kand.tekhn.nauk, red.; MAL'KOVA, N.V., tekhn.red.

[Tables for designing bridges] Tablitsy dlia proektirovaniia
mostov. Moskva, Nauchno-tekhn.izd-vo avtotransp. lit-ry, 1959.
535 p. (MIRA 12:6)

(Bridges--Design)

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001238510010-0



APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001238510010-0"

OSTROVITYANOV, E. M.

OSTROVITYANOV, E.M., kandidat tekhnicheskikh nauk.

laboratory indexes of the wear resistance of fabrics. Log.prom.15
no.1:23-28 Ja '55. (MIRA 8:3)

(Textile fabrics---Testing)

OSTROVIT'YANOV, E.M., kandidat tekhnicheskikh nauk.

Causes of the wear of shoe lining. Leg.prom. 14 no.4:35-38 Ap '54.
(MLBA 7:6)

(Boots and shoes)

OSTROVITYANOV, B.M., kandidat tekhnicheskikh nauk.

Durability of cloth lining in shoes. Leg.prom. 14 no.9:22-25 S '54.
(Boots and shoes) (MLRA 7:9)

AFANAS'YEV, A.M., inzh.; OSTROVITYANOV, E.M., kand.tekhn.nauk, dotsent

Strength of the vamp of footwear. Izv.vys.ucheb.zav.; tekhn.log.prom.
no.1:108-114 '63. (MIA 16:3)

1. Moskovskiy tekhnologicheskoy institut legkoy promyshlennosti.
Rekomendovana kafedroy tekhnologii izdeliy iz kozhi.
(Shoe manufacture)

GSTROVITYANOV, K., akademik

The basic economic law of socialism and the methodology of economics. Vop.ekon. no.198-113 Ja '63. (MIRA 16:2)
(Economics)

OSTROVITIANOV, K.

Land rent in the Soviet economy Moskva, Gos. Izd., 1929. 100 p.

1. Land - Russia. 2. Agriculture, Cooperative - Russia.

SECRET

Reference is made to the report of the ...
system, ...
... ..

Ostrovityanov, K.

1207

USSR/Domestic Policies 3141.0100 15 Nov 1947
Communist Party 3144.0101

"The Role of the Soviet State in the Development of
Socialist Economy," K. Ostrovityanov, 15 pp

"Bol'shevik" Vol XXIV, No 21

Compares Soviet form of socialism to that of previ-
ous socialist states, also advantages of socialism
over capitalism. Discusses advantages of Soviet
social structure, classes and property, economic
policies and politics as related to the individual,
Communist Party, planned economy, etc. A few gen-
eral economic statistics in percentages.

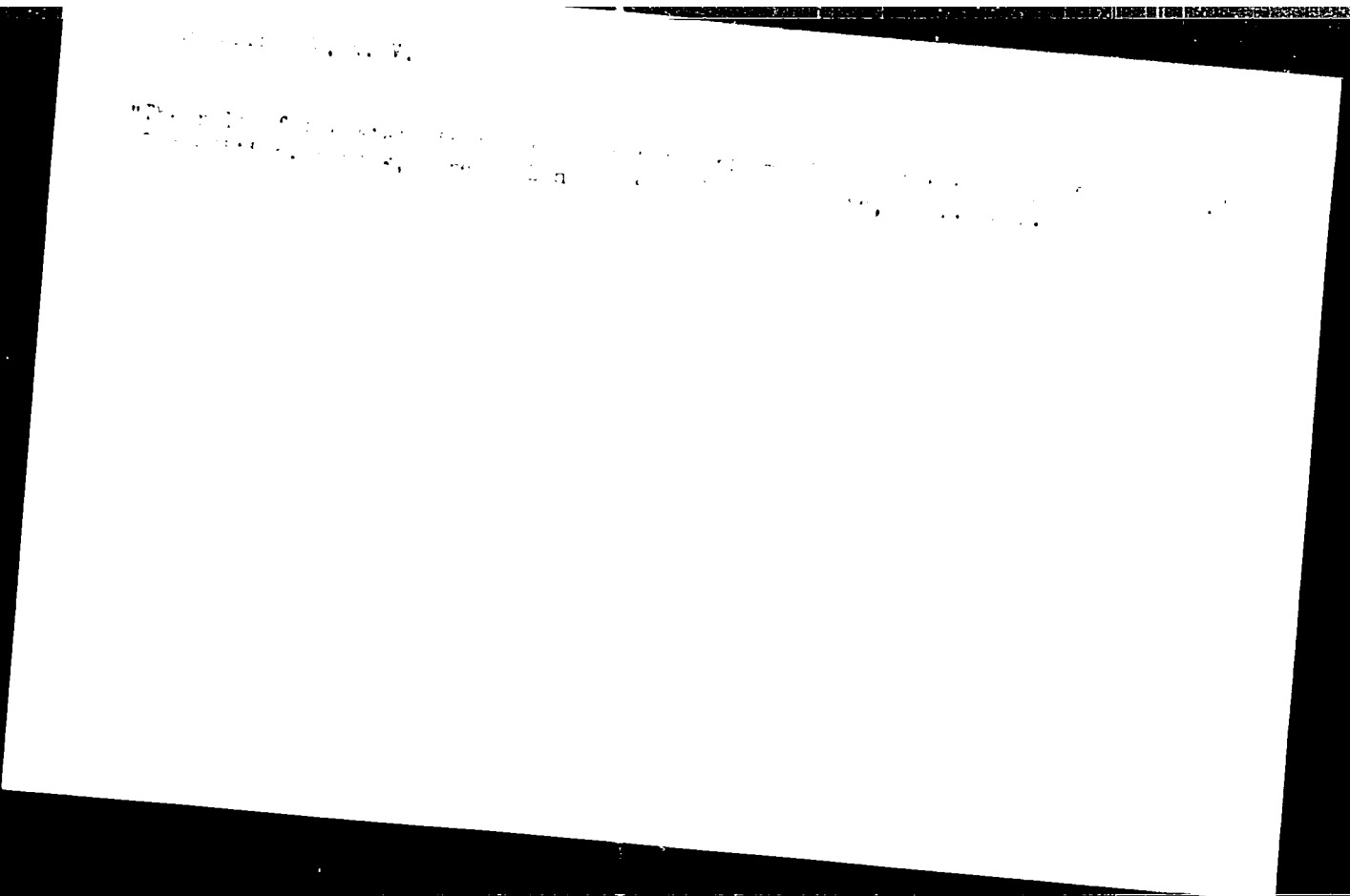
LC

1207

OSTROVITYANOV, K. V.

OSTROVITYANOV, K. V., "The Tasks of Scientific Research in Economics," Izvestiya Akademii Nauk SSSR, Otdeleniye Ekonomiki i Prava, 1950.

Current Digest of the Soviet Press, Vol. 2, No. 16, 1950, p. 3.



ПОСЛЕСЛОВИЕ.

Ленин, Via Lenin 1917, 1921-1924.

Twenty-eighth anniversary of the October Revolution. Part. An SSSR, ...

9. Monthly List of Russian Accessions, Library of Congress, _____ 1953. Unclassified.

Lenin, Vladimir Ilich, 1870-1924

28th anniversary of V. I. Lenin's death. Vol. exot. No. 1, 1977.

Monthly List of Russian Accessions, Library of Congress, March 1972, Unclassified.

OSTROVITIANOV, K.

"Production and Consumption in Socialism. Tr. from the Russian", p. 111.
(BARKHA KOOPERATIIA, No. 3, Aug. 1955, Sofia, Bulgaria).

SO: Monthly List of East European Accessions, IC, Vol. 1, No. 4, April, 1955.

OSTROVITYANOV, K. V.

OSTROVITYANOV, K. V., "What Political Economy Teaches," Pravda, 27 September 1954.

OSTROVITYANOV, K. V.

1954

The State Publishing House of Political Literature has published a textbook entitled "Political Economics." The textbook has been compiled by a group of economists: led by Academician K. V. Ostrovityanov; associate member of the USSR Academy of Sciences, D. T. Shemilov; Associate Member of the USSR Academy of Sciences, L. A. Leontyev; member of the All-Union Academy of Agricultural Sciences Named After Lenin, I. B. Kartev; Prof. I. I. Kuzminov; Doctor of Economics I. M. Gatsvsky; Academician E. P. Yudin; Associate Member of USSR Academy of Sciences, A. I. Pashkov; Economics Candidate V. I. Pereslerin.

In the compiling and finishing of statistical materials included in the textbook, Doctor of Economics V. M. Starovsky took part. The textbook contains three sections: 1—Pre-capitalist means of production; 2—Capitalist means of production; 3—Socialist means of production. The textbook is being issued in a mass edition.

OSTROVITYANOV, K.V., akademik.

Results of the discussion on statistics. Vest. AN SSSR 24 no.8:
3-12 Ag '54. (MIRA 7:9)
(Statistics)

OSTROVITYANOV, K. V.

K. V. OSTROVITYANOV, "Against an Over-Simplified Interpretation of the Basic Economic Law of Socialism," Pravda, 27 March 1955.

OSTR VITYANKOV, K. V.

"Scientific Principles of Planning the National Economy of the USSR"
Science and Culture, Vol. 20, no. 8, Feb 1955.

Vice Pres. Acad. Sci. USSR.

This is full text of popular lecture delivered at the 2nd session of the Indian
Science Congress Assn., Madras, 9 Jan 55.

OSTROVITYANOV, K. V.

USSR/Scientific Organization - India

Card 1/1 Pub. 224 - 9/32

Authors : Ostrovityanov, K. V., Academician

Title : Journey of Soviet scientists to India

Periodical : Vest. AN SSSR 25/6, 62-67, June 1955

Abstract : Notes are presented by a member of a Soviet scientific group which was invited by the government of India to attend the 42-nd All India scientific congress (January 1955). Names of the Soviet group are listed as well as the major cities the delegation visited.

Institution :

Submitted :

AUTHOR: Ostrovityanov, K. V., Member, Academy of Sciences 30-58-3-6/45

TITLE: Z. R. Neyedly - Prominent Scientist and Personage of Public
Life of Czechoslovakia
(Z. R. Neyedly - vydavatel'skiy uchenny i obshchestvennyy
deyatel' Chekhslovakii)

PERIODICAL: Vestnik Akademii Nauk SSSR, 1958, Nr 3, pp. 48-53
(USSR)

ABSTRACT: He was born on February 10th, 1878 in Litomyshl', Eastern
Czechoslovakia, into the family of an elementary school
teacher. In 1900 he completed his studies at the University
in Prague and was graduated as doctor of philosophical
sciences. In 1905 he was appointed docent and in 1909
professor of this university. Already when he was a student
he occupied himself with Hussitism and in 1900 he published
his first work on this subject. A substantial part of his
historical works is devoted to social history and to the
political attitude of the Czech people in the 19th century,
among them the two works "Bedrshik Smetana" and "Masarik".
A series of his works is devoted to prominent personages

Card 1/2

Z. R. Neyedly - Prominent Scientist and Personage of Public
Life of Czechoslovakia

30-58-3-6/45

of the Czech civilization of the 19th century. He must also be considered as the founder of Czech musical science. In 1903 he published a work on the history of Czech music and in 1905 he defended the dissertation on musical science at the Karls-University. In 1903 his work "General History of Music" was published. He also was interested in pictorial arts, literature of arts and theater, in which connection his work "History of the Opera in the National Theater" is mentioned in 1935. Neyedly must also be considered as an important politician who takes an active part in the politics of his country. In 1937 he published his monograph: "Lenin". During world war II he emigrated to the USSR where he immediately worked as collaborator of the Institute for History of the AS USSR. He was also appointed professor at the Faculty for History at the Moscow University. He wrote a series of books on the Soviet Union. He was decorated with the Lenin order. In 1947 he was elected corresponding Member AS USSR and in 1953 professor honoris causa of Moscow University. There is 1 figure.

Card 2/2

OSTROVIT'YANOV, K. V.

AUTHOR: None Given 30 58.5-6/3:

TITLE: Discussion on the Report of Activity (Ireniya; otchetno-dokladu)

PERIODICAL: Vestnik Akademii Nauk SSSR, 1958, No. 3, p. 1-11 (USSR)

ABSTRACT: I. V. Tyurin, Member, Academy of Sciences, USSR devoted his speech to some results of activity of the Soil Institute imeni V.V. Dokuchayev. A. L. Kursanov, Member, Academy of Sciences, USSR spoke on the participation of the AS USSR in the international exhibition 1958 in Brussel. K. V. Ostrovityanov, Member, Academy of Sciences, USSR spoke on some success in the field of social sciences, but at the same time also pointed out a certain backwardness. V. V. Belousov, Corresponding Member, Academy of Sciences, USSR reported on the participation of Soviet scientists in the works of the Geophysical Year. V. I. Popkov, Corresponding Member, Academy of Sciences, USSR emphasized the importance of the works of the Institute for Power Engineering imeni G. M. Krzhizhanovskiy. G. A. Chebotarev, Director of the Library of the AS USSR spoke on the participation of this collective in the establishment of a large academic library in Moscow.

Card 1/3

Discussion on the Report of Activity

30-58 5-6/36

vosibirsk. V. G. Bogerov, Director of the Institute for Oceanology, emphasized the importance of the oceanographic research works. V. V. Vinogradov, Member, Academy of Sciences, USSR severely criticized the deficiencies in the development of social sciences in the AS USSR, and he emphasized the difficulties of publishing studies. A. A. Ambartsumyan, Member, Academy of Sciences, USSR reported on important problems of the development of Soviet astrophysics. V. A. Engelgardt, Member, Academy of Sciences, USSR emphasized the unsatisfactory position of the institutes in the department for biological sciences. Ye. M. Zhukov, Corresponding Member, Academy of Sciences, USSR spoke on achievements, shortcomings and tasks of social sciences. A. I. Nazarov, Director of the Publisher of the AS USSR spoke on serious difficulties in the work of this publisher, where he also mentioned the institutes which send to the press blown-up and unfinished material. V. F. Kuprevich, Corresponding Member, Academy of Sciences, USSR spoke on important tasks of biological science and emphasized the necessity of training young physicists and chemists for this work, in which he was supported by R. D. Obolentsov, Chairman of the Presidium of the Bashkiriya Branch. A. V. Sidorenko, Chairman of the Pres-

Card 2/3

Discussion on the Report of Activity

30 58-5-6/36

sidium of the Kola Branch spoke on the cooperation with the Murmansk Council of Economy. The report of activity of the AO USSR for the year 1957 was approved, the assembly recommending to the Presidium of the Academy as well as to the Office of the Departments to consider the critical remarks and proposals in the precise determination of the plan for 1958.

1. Scientific research-- 35k 2. Scientific reports-- 13k

Card 3/3

OSTROVITYANOV, K.M., akademik; LEONT'YEV, L.A.; LAPTEV, I.D.; STAROVSEIY, L.M.,
doktor ekonom.nauk; KUZ'MINOV, I.I., doktor ekonom.nauk. Principal
uchastiy Starovseiy, V.B., RABINOVICH, M., red.; DANILINA, A.,
tekh.red.

[Political economy; textbook] Politicheskaya ekonomiya; uchobnik.
Izd.3, perer. i dop. Moskva, Gos.izd-vo polit.lit-ry, 1959. 707 p.
(MIRA 12:10)

1. Akademiya nauk SSSR. Institut ekonomiki. 2. Chleny-korrespondenty
Akademii nauk SSSR (for Leont'yev, Starovskiy). 3. Doyatvitel'nyy
chlen Vsesoyuznoy akademii rol'skokhozyaystvennykh nauk imeni V.I.
Lenina (for Laptev).

(Economics)

OSTROVITYANOV, K.V.; GATOVSKIY, L.M. [Hatovs'kyi, L.M.]; KUZ'MINOV, I.I.;
DUBOVENKO, Ye. [Dubovenko, IE.], red.; KOBA, M., red.; KOPYTEOVA,
N., tekhn.red.

[Political economy; textbook] Politychna ekonomia; pidruchnyk.
Pereklad z 3 perer. i dop. rosia'koho vyd. 1959 roku. Kyiv,
Derzh.vyd-vo polit.lit-ry URSR, 1960. 686 p. (MIRA 13:7)

1. Akademiya nauk USSR, Kiyev. Institut ekonomiki.
(Economics)

OSTROVITYANOV, K.V., akademik; GATOVSKIY, L.M.; KUZ'MINOV, I.I.,
doktor ekon. nauk; Prinyali uchastiye: STAROVSKIY, V.M.;
SAKOV, M.P.; BACHURIN, A.V.; ZASLAVSKAYA, T.I.; BOGOMOLOV,
O.T.; RYKALOV, V.V.; RABINOVICH, M., red.; MUKHIN, Yu.,
tekhn. red.

[Economics; textbook] Politicheskaya ekonomiya; uchebnik.
4., perer. i dop. izd. Moskva, Gospolitizdat, 1962. 702 p.
(MIRA 15:11)

1. Akademiya nauk SSSR. Institut ekonomiki. 2. Chlen-
korrespondent Akademii nauk SSSR (for Gatovskiy, Starovskiy).
(Economics)

YEMICH, A.M., glav. red.; BACHURIN, A.V., red.; VOLODARSKIY, L.R., red.; GERGENEV, A.V., red.; GINZBURG, M.Z., red.; DUBOVLIN, G.F., red.; KILCHER, L.M., red.; KLIMENKO, K.I., red.; KOGANOV, I.V., red.; KOGOL'KOV, A.B., red.; KYICOV, I.N., red.; LIVANSKAYA, F.V., red.; KOKSHIL, E.Yu., red.; O.I. OVITYANOV, K.A., red.; POSVYASKIY, S.S., red.; FADDEYSKIY, G.A., red.; LAZAROV, N.A., red.; MICHAYLOV, A.I., red.; TATAR, S.R., red.; SHENKAL'TER, L.Ya., red.; BAZALOVA, G.V., starshiy nauchnyy red., kand. ekon. nauk; KISEL'MAN, S.M., starshiy nauchnyy red.; GLAGOLEV, V.S., nauchnyy red.; TUBANOVA, B.L., nauchnyy red.; GLAGODASKAYA, Ye.V., red. red.; SHUSTROVA, V.M., mladshiy red.; GAYDULOV, Yu.A., kand. ekon. nauk, red.; ZHARSKIY, M.I., red.; LONOVY, Ya.S., red.; SEZGENEV, A.V., dots., red.; KLEYFETS, L.L., kand. tekhn. nauk, red.; LYU.OVICH, Yu.G., kand. ekon. nauk, red.; SYSOEV, I.N., red.; KOSTI, S.D., tekhn. red.

[Economic encyclopedia; industry and construction. Ekonomicheskaia entsiklopediia; promyshlennost' i stroitel'stvo. Chleny red. kollegii: A.V. Bachurin i dr. Moskva, Gosnauchn. izd-vo "Sovetskaiia entsiklopediia." Vol.1. A - I. 1962. 51 p. (MIRA 1:10)

(Russia--Industries--Dictionaries)
(Construction industry--Dictionaries)

OSTROVITYANOV, K.V., akademik

Zdenek Nejedly; obituary. Vest.AN SSSR 32 no.4:105-107 Ap '62.
(MIRA 15:5)

(Nejedly, Zdenek, 1878-1962)

L 36189-66 EMI(d)/FSS-2/201(1)/ (k)-2 B./NR

ACC NR: AP6011439

SOURCE CODE: UR/0109/66/011/004/0592/0601

AUTHOR: Ostrovityanov, R. V.

ORG: Leningrad Electrotechnical Institute of Communications in. M. A. Bonch-Bruyevich (Leningradskiy elektrotekhnicheskii institut svyazi)

TITLE: Problem of angle noise

SOURCE: Radiotekhnika i elektronika, v. 11, no. 4, 1966, 592-601

TOPIC TAGS: radar noise, radar guidance, radar tracking

ABSTRACT: According to the fundamental work on the flicker of a target-echo center (angle noise) performed by A. S. Dunbar (J. Appl. Phys., 1952, v. 23, no. 8, 847), the angular error and its mean-square value can reach infinity. The present article clarifies the reason for this infinity solution and presents a more accurate law of distribution of angle-noise probability density; the latter permits

Card 1/2

UDC: 621.396.964 - 187.4

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ACC NR: AP6011439

estimating mean-square values. The angle-noise dispersion for a real direction

finder can be found from: $\sigma_{\Delta\theta}^2 = ak \int_0^{\arctan \beta} \frac{(\arctan x)^2 dx}{(1+k^2x^2)^{3/2}}$, where $a = \sqrt{1+k^2\beta^2} / k\beta$ is the

normalization coefficient; the mean-square value of the angle noise can be deter-

mined from: $\sigma_{\Delta\theta}^2 = \frac{1}{k} \sqrt{f(k\beta)a} = \frac{a}{2m} \sqrt{f(k\beta)a}$. Thus, it is possible to find an approximate

value of the current-distribution function when the amplitude diagram is specified.

A slow-varying amplitude diagram results in a slow-varying current-amplitude distribution; the phase distribution is nonlinear, close to square-law. Orig. art. has: 5 figures and 40 formulas.

SUB CODE: 17 / SUBM DATE: 18Sep64 / ORIG REF: 005 / OTH REF: 001

Card 2/2

OSTROVERKHOV, V.G.; VAKARCHUK, I.S.; SINYAVSKIY, V.G.

Kinetics of the polymerization of 2-methyl-2-vinylpyridine and its
copolymerization with styrene. *Vysokomol. soed.* 3, no. 6:1197-1202
6r '61. (MIRA 11:9)

1. Institut khimii polimerov i monomerov AN USSR.
(Pyridine) (Styrene)

Boots and Shoes - Trade and Manufacture

Shoe lining fabrics. Leg. pres. No. 3, 1952

Monthly List of Russian Accessions, Library of
Congress, June 1952. Unclassified

AMBARTSUMOV, Ye.A.; OSTROVITYANOV, Yu.K.; RUMYANTSEV, A.M., red.

[Structure of the laboring class in capitalist countries; materials from an exchange of opinions published in the periodical, "Problemy mira i socializma" 1960-61]. Struktura rabocheho klassa kapitalisticheskikh stran; materialy obmena mneniyami, provodivshegosia v zhurnale "Problemy mira i sotsializma" v 1960-1961 gg. Prague, Izd-vo "Mir i sotsializm," 1962. 356 p. (MIRA 16:5)

1. Chlen-korrespondent Akademii nauk SSSR (for Rumyantsev).
(Labor and laboring classes)

OSTROVITYANOV, Ye. M.

Education, Cooperative

Occupational practice of students. Leg. pron. 12.no. 5, 1952.

9. Monthly List of Russian Accessions. Library of Congress, ~~August~~ ¹⁹⁵² 72 Incl.

OSTROVITYANOV, Ye. M.

Shoe Industry

Efficient type of industrial building for a shoe factory, Leg. prom. 12 No. 6, 1952.

9. Monthly List of Russian Accessions. Library of Congress, October 1952, 2nd ed.

OSTROVITYANOVA, L.V. (Moskva)

Work of a maternity home for tuberculous patients. Sov. zdrav. 20
no.6:25-29 '61. (MIRA 14:7)

1. Iz klinicheskoy infektsionnoy bol'nitsy No.2 Moskovskogo gorod-
skogo otdela zdravookhraneniya.
(TUBERCULOSIS) (PREGNANCY, COMPLICATIONS OF)

ZHMAKIN, K.N.; OSTROVITYANOVA, L.V. (Moskva)

Work of the administration of the All-Russian Medical Society of
Obstetricians and Gynecologists. Vop.okh.mat. 1 det. 3 no.3:84-88
My-Je '59. (MIRA 11:5)

(OBSTETRICS--SOCIETIES) (GYNECOLOGY--SOCIETIES)

OSTROVITYANOVA, L.V.

Pregnancy and pulmonary tuberculosis [with summary in English].
Akush. i gin. 34 no.2:24-30 Mr-Apr '58. (MIRA 1958)

1. Iz rodil'nogo doma (zav. L.V. Ostrovityanova) pri 2-y
klinicheskoy infektsionnoy bol'nitsy (glavnyy vrach A.M. Pyl'tsova)
(PREGNANCY, in various dis.
pulm. tuberc., progn. (Rus))
(TUBERCULOSIS, PULMONARY, in pregn.
pregn. (Rus))

BODYAZHINA, V.I., prof.; GRANAT, N.Ye., kand.meditsinskikh nauk; OSTROVITYANOVA,
L.V. (Moskva)

Some problems in the organization of gynecological service. Sov.
zdrav. 19 no.6:16-20 '60. (MIRA 13:9)

(GYNECOLOGY)

PLAVNIK, M.S.; OSTROVITYANOVA, L.V.

Streptomycin therapy of pulmonary tuberculosis in pregnancy.
Probl. tub. no.5:45-48 S-O '55. (MLRA 8:11)

1. Iz tuberkuleznogo otdeleniya rodit'nogo doma no.9 Mosgorzdrav-
otdela (glavnyy vrach L.V.Ostrovityanova)
(PREGNANCY, in various diseases,
tuberc.,palm. ther. streptomycin)
(TUBERCULOSIS, PULMONARY, in pregnancy,
ther.,streptomycin)
(STREPTOMYCIN, therapeutic use,
tuberc.,palm. in pregn.)

NAZAROV, Yu.; SOSINATROV, V.; AVERIN, N.; OSTROVKIN, K.

From practices of volunteer firemen societies. Pozh.delo 7
no.3:24 Mr '61. (MIRA 14:6)

(Fire extinction)

ROSHCHIN, F.S.; TSVETKOV, A.I.; SIDNEV, N.F.; TSEGE, A.S.; LIKHACHEV, V.F.;
SHIBANOV, K.I.; LEVITINA, Kh.K.; OSTROVKINA, M.Ya.; BAYBAKOV, P.M.;
KROL', A.I.

Improvement in the operation of the rectifying devices of electro-
plating tanks. Prom. energ. 15 no.11:19-20 N '60. (MIRA 14:9)
(Electroplating) (Electric current rectifiers)

... ..

... ..

Principal methods for calculating the amounts of fertilizer
for farm crops in various zones of the Altai Territory.

...

Country USSR
Category Soil Science, Nutritional Experiment
IR-4-2

On 10/19/71 1971, 10/19/71, 10/19/71

Author L. A. Kozlov, P. M. Prokhorov, I. I. Gerasimov, I. I. Petrov, E. B.

Date 10/19/71
Title Measures of the Development of Irrigation Efficiency on the Lower Volga of the USSR

ORIG No. 1971, 10/19/71, 10/19/71, 10/19/71

Abstract On irrigated lands of the Lower Volga of the USSR...

Chart 1/A
1-70

of the Transvolga district of the USSR. It shows a constant growth with the heavy growth of the cotton of the irrigated lands and the great share of yields which are in the form of cotton gins. The lower yields of cotton are characterized by irregularly well watered areas, lack of drainage of ground waters with distributed water and also not irrigated areas. The results of the statistical analysis show that the results of irrigating the areas of cotton are the greatest part of the irrigated lands in which 1000 thousand hectares of lands which are irrigated...

Chart 2/A

of the irrigated lands of the Lower Volga of the USSR. It shows a constant growth with the heavy growth of the cotton of the irrigated lands and the great share of yields which are in the form of cotton gins. The lower yields of cotton are characterized by irregularly well watered areas, lack of drainage of ground waters with distributed water and also not irrigated areas. The results of the statistical analysis show that the results of irrigating the areas of cotton are the greatest part of the irrigated lands in which 1000 thousand hectares of lands which are irrigated...

Chart 3/A

of the irrigated lands of the Lower Volga of the USSR. It shows a constant growth with the heavy growth of the cotton of the irrigated lands and the great share of yields which are in the form of cotton gins. The lower yields of cotton are characterized by irregularly well watered areas, lack of drainage of ground waters with distributed water and also not irrigated areas. The results of the statistical analysis show that the results of irrigating the areas of cotton are the greatest part of the irrigated lands in which 1000 thousand hectares of lands which are irrigated...

Chart 4/A

PEL'T, N.E.; OSTROVNAYA, N.N.; NEMCHINOV, V.S., akademik, otv.red.;
MIKISHIN, I.I., kand.sel'skokhoz.nauk; red.; LETUNOV, P.A., kand.
geologo-minerolog.nauk, red.; GLAZUNOV, Ye.A., red.izd-va;
RYLINA, Yu.V., tekhn.red.

[Feed supply of the U.S.S.R. and ways for its development]
Kormovaya baza zhitnovodstva SSSR i puti ee razvitiia. Moskva,
1959. 203 p. (MIRA 12:8)

1. Akademiya nauk SSSR. Sovet po izucheniyu proizvoditel'nykh sil.
(Feeds)

ОСЕТРОВНАЯ, М.Н., инж.

Development of water irrigation in the P. S. S. S. R. and
Kazakhstan. Agr. 1 mel. 17 no. 6 40-51 Ag '65. M. P. 18-1.

. Soviet to the Ministry of Agriculture and Forestry.

OSTROVOY, Georgiy Varfolomeyevich, agronom; VISHNYAKOVA, Ye.,
red.; POKHLEBKINA, M., tekhn. red.

[Forage beans] Kormovye boby. Moskva, Mosk. ratsenii,
1964. 37 p. (MIRA 17:3)

1. Brigadir kompleksnoy brigady kolkhoza "Put' novoy zhizni"
Moskovskoy oblasti (for Ostrovoy).

STREIKOV, Ignatij Georgiyevich; NAGORSKAYA, Mariya Dmitriyevna; PESTIKOVY,
Illarion Petrovich; LARIN, V.D., red.; TIMOSHCHUK, A.S., tekhn.
red.

[Perennial lupine] Mnogoletnii liupin. Minsk, Gos.izd-vo sel'-
khoz.lit-ry, BSSR, 1962. 47 p. (MIRA 15:11)
(White Russia--Lupine)

L 55861-63 EWT(m)/EWP(w)/EPF(c)/EWA(d)/T/EWP(t)/EWP(k)/EXP(b)/EWA(c) Pf-4

ACCESSION NR: AR5014023 JD/HW/WB UR/0277/65/000/003/0005/0005
539.62

SOURCE: Ref. zh. Mashinostroitel'nyye materialy, konstruktsii i raschet detaley mashin. Gidroprivod. Otdel'nyy vypusk, Abs. 3.48.29

AUTHOR: Ostrovoy, Yu. D.

TITLE: Evaluation of the effect of a surface active medium on the stressed state of a surface during friction

CITED SOURCE: Sb. Vopr. mekhan. i mashinostr., Kiyev, Kiyevsk. un-t, 1964, 21-30

TOPIC TAGS: armco iron, boundary friction, surface active agent, residual stress distribution, wear resistance

TRANSLATION: The article discusses some of the principles of plastic deformation of surface layers in armco iron subject to boundary friction, and the effect of surface active agents on the depth of propagation and pattern of distribution of residual stresses. A relationship was established between wear resistance of tested samples and the magnitude of primary residual stresses.

SUB CODE: MM

ENCL: 00

amm
Card 1/1

L 40904-65 EWT(m)/EPF(c)/EWP(w)/EWA(d)/T/EWP(t)/EWP(b) JD/PJ
ACCESSION NR: AP6009279 S/0369/65/001/001/0032/0039

AUTHOR: Kostetskiy, B.I.; Kolesnichenko, L.F.; Ostrovoy, Yu. D.; Natanson, M.; Skarchenkov, K.Z.; Topekha, P.K. 32 31

TITLE: Additives to lubricating oils and their action during friction

SOURCE: Fiziko-khimicheskaya mekhanika materialov, v. 1, no. 1, 1965, 32-39

TOPIC TAGS: lubricating oil, oil additive, metal friction, surfactant additive, contact friction, metal thiocyanate, metal dithizonate, friction couple

ABSTRACT: After discussing the mechanisms by which a lubricant operates in contact friction between metals and pointing out the desirable effects of additives, the authors review the reported data on surface-active additives and chemically active additives to lubricants. The changes brought about by surface-active additives in the contact surface of the metal under conditions of friction are considered (changes in plastic deformation and in the resultant hardening, changes in the density of dislocations and in the intragranular structure). In the case of chemically active additives, the desirable effects of such compounds are thought to be due to their decomposition under the influence of the high temperature produced by the friction. Investigations of metal complexes of the type of thiocyanates and dithizonates are reviewed, and their effects are illustrated by the example of an armco --

Card 1/2

L 40904-65

ACCESSION NR: AP5009279

armco friction couple. Orig. art. has: 4 figures and 1 table.

ASSOCIATION: KIGA, Kiev

SUBMITTED: 158ep64

ENCL: 00

SUB CODE: FP, MM

NO REF SOV: 013

OTHER: 000

llc
2/2
Card

OSTROVSKA, I.

OSTROVSKA, I. Microfertilizers used in agriculture. p.27.

Vol. 11, no. 9, Sept. 1956

KOOPERATIVNO ZEMELIJE

AGRICULTURE

Sofia, Bulgaria

SO: East European Accession, Vol. 6, No. 3, March 1957

Ostrowski, M.

A

The influence of small doses of superphosphate on the development of plants in the presence of phosphoric meal as fertilizer. Maria Ostrowska and Jaroslav Meronik. *Polish Agr. Forestal Ann.* 28, 297-310 (1931). *Chem. Zvest.* 1932, 1, 2637. — In soil treated with a physiol. neutral fertilizer, a dose of superphosphate placed immediately under the seed increases the yield of oats 81%, that of the seed 91%. The simultaneous presence of phosphoric meal increases the effect. This procedure favors growth, hastens ripening, raises the P₂O₅ content of the portion of the plant that is above ground and the N content of the seed, and decreases the ratio seed/straw. The ratio P₂O₅/N in the seed is not affected.

M. G. Moore

OSTROVS'KA, S. A.

OSTROVS'KA, S. A. New developments in automatic high-speed electric welding using a flux. Kiev, Izd-vo Akademii nauk Ukrainiskoi SSR, 1946. 23 p. (51-19388)

TK4660.08

OSTROVSKA, S. A.

Address: Krasnaya Str. 121.

Title: The news in the mass media on the military action in the
avsozatscherbol' of constant and the "ed' n' ber" (1946).

City: Moscow

Publisher: Academy of Sciences of the U.S.S.R.

Date: 1946

Available: Library of Congress

Source: Monthly List of Russian Abstracts, Vol. 6, No. 3,

GSTROVSKAYA, A.

CKANENKO, A., GSTROVSKAYA, A.

"Soviet Rubber Plants," p. 12.

(Priroda i Znanie, Vol.6, No.4, Apr. 1953, Sofiya.)

SO: Monthly List of ~~Soviet~~ East European Accessions, Vol.2, No.9, Library of Congress, September 1953, Uncl.

OSTROVSKAYA, A.A.

Changes in the electrocardiogram under the influence of physical stress in infants. Vop. okh. mat. i det. 7 no.5:66-72 My '6.

(MIRA 15:6)

1. Iz kafedry gosital'noy pediatrii (zav. - prof. A.F. Tur) Leningradskogo pediatricheskogo meditsinskogo instituta (dir. Ye.P. Semenova).

(ELECTROCARDIOGRAPHY) (STRESS (PHYSIOLOGY))

Country : USSR
Category : Diseases of Farm Animals. R
 Diseases Caused by Bacteria and Fungi.
Abs. Jour : Ref Zhur-Biol., No 21, 1956, 96972
Author : Legkiy, A. S.; Ostrovskaya, A. A.
Institut. : Novocherkassk Zootechnical Institute of Vete-*
Title : The Possibility for Animals to Recover from
 Tuberculosis.
Orig. Pub. : Tr. Novocherkasskogo zootekhn.-vet. in-ta,
 1957, 10, 283-287
Abstract : It is shown that in a considerable number of
 cases cattle recover from tuberculosis after
 being kept in isolators for 1-2 years. Cows
 that do not show clinical symptoms of tuberculo-
 sis 1-2 years after having entered the isolator
 and whose milk is free from tubercular bacteria
 should be subjected to tuberculinization; those
 reacting negatively should be kept in separate
 herds, because if negatively and positively
 reacting animals are kept together in herds, the

Card: 1/2
 *inary Sciences.

7

GUDOVICH, N.V.; KUKOVCHIK, Ye. G.; KUTCHENKO, A.B.

X-ray study of montmorillonite containing substitution
cations. Rent. min. sv. no. 36-40 '62. (MIRA 1:1)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.

KUKOVSKIY, Ye.S. OSTROVSKAYA, A.B.; ZLOTAREVA, A.I.

new raw material for drilling fluids - reserves of earth. beds
no.2:51-52 F '62. (MIRA 11, 1)

1. Trest "Kiyevgeologiya" (for Kukovskiy, Ostrovskaya).
2. Ukrainskiy nauchno-issledovatel'skiy geologorazvedochnyy institut (for Zlotareva).
(Oil well drilling fluids) (Clay)

KUKOVSKIY, Ye.G.; OSTROVSKAYA, A.B.

Crystallochemistry of cation-substituted clay minerals
montmorillonite and palygorskite. Rent.min.syr. n. 1:144-147, 1974.
(MIRA 17:4)

1. Institut obshchey i neorganicheskoy khimii AN Ukr.SSR.

OVCHARENKO, F.D., akademik; AGABAL'YANTS, E.G.; OSTROVSKAYA, A.B.

Chemical nature of the liming of clay suspensions.
Dokl. AN SSSR 147 no.1:162-165 N '62. (MIRA 15:11)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.
2. AN UkrSSR (for Ovcharenko).
(Lime) (Clays)

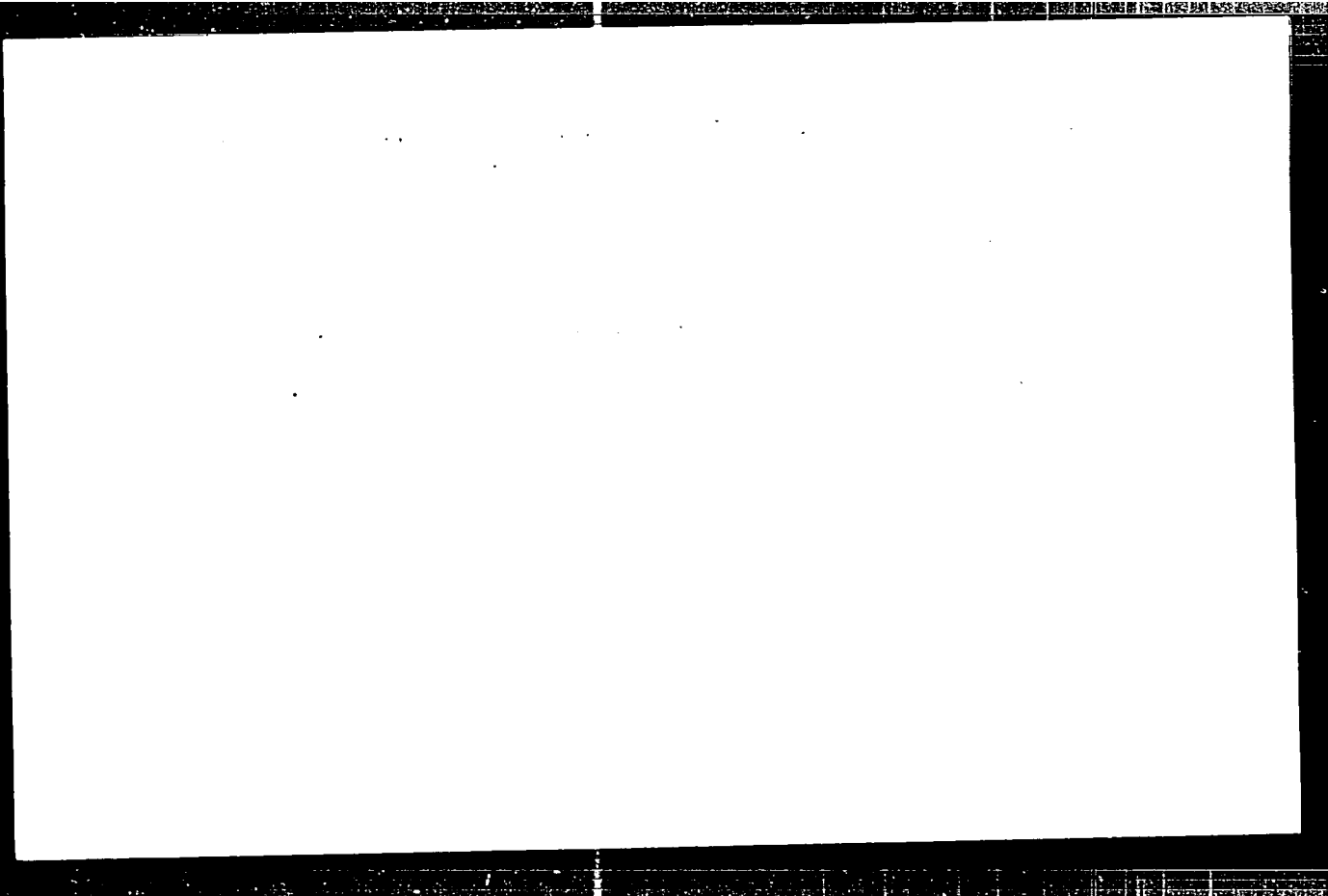
KUKOVSKIY, Ye.G.; OSTROVSKAYA, A.B.

First deposit of attapulgis clays in the U.S.S.R. Zap.Vses.
min.ob-va 90 no.5:598-601 '61. (MIRA 14:10)

1. Rentgenlaboratoriya Tsentral'noy nauchno-issledovatel'skoy
laboratorii tresta "Kiyevgeologiya".
(Gniloy Tikich Valley--Fuller's earth)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001238510010-0



APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001238510010-0"

OSTROVSKAYA, A. D.

Utilization of the dust recovered by electrostatic filters of rotary kilns. TSement 29 no.2:13 Mr-Ap '63. (MIRA 16:4)

1. Novo-Zdolbunovskiy zavod.

(Cement plants) (Dust)

DOBROLOVSKIY, G.G.; OSTROVSKAYA, A.D.

Utilization of fly ashes collected by means of electric filters
in rotary kilns. TSeiment 26 no.1:23-25 Ja-V '60.
(MIRA 13:5)

(Fly ashes) (Dust collectors)

OSTROVSKAYA, A.S.; MILEYOV, Yu.M.; ZHURAV, I.S.; STRELITSKY, V.I.

Method of continual automatic control of the composition of
technical formula. Plast. massy no.11:03-65 '64. (11:03:64)

OSTROVSKAYA, A. V.

621.317.333.4083.7 : 621.316.1

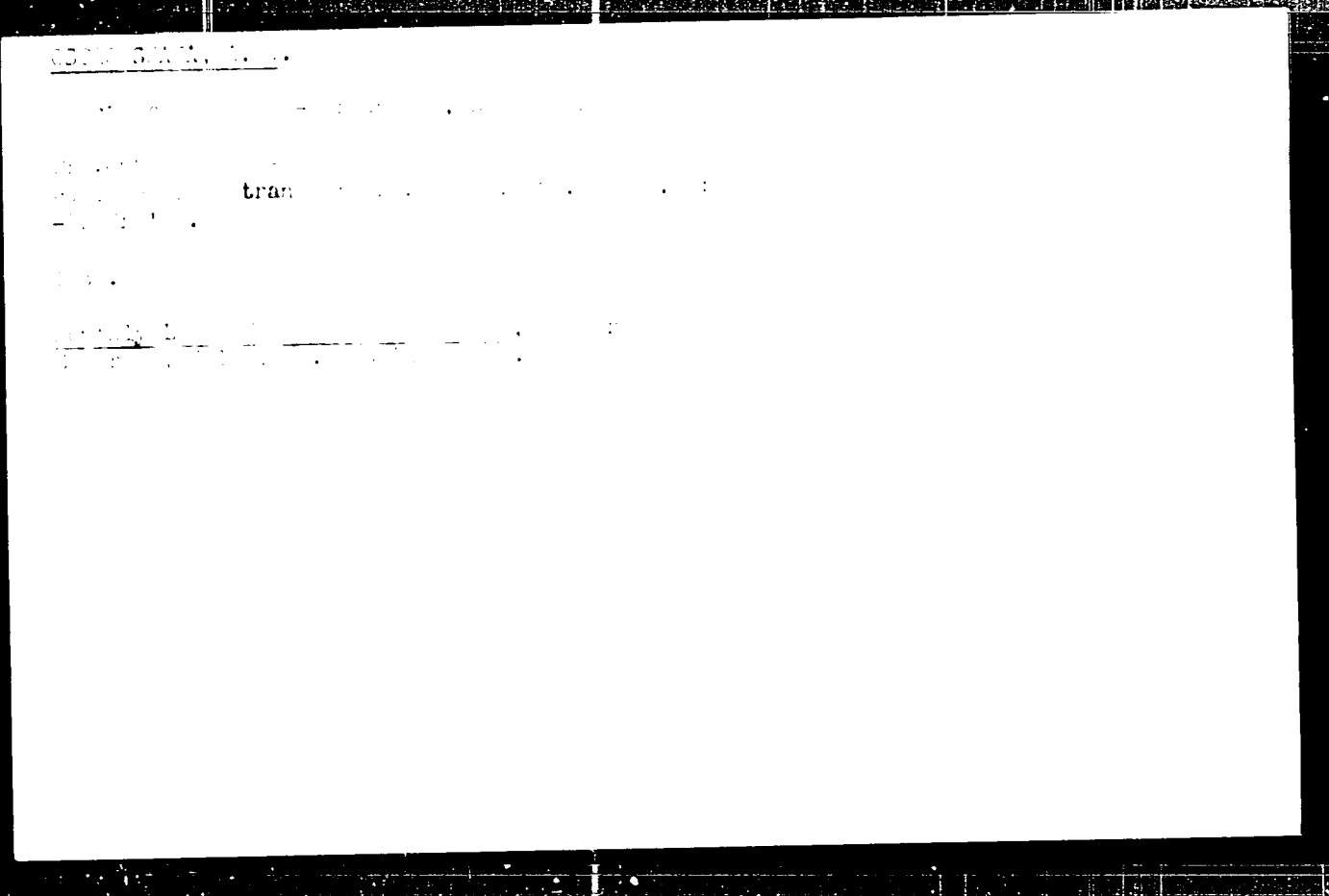
2753. Selective earth fault signalling equipment in electric power systems. A. V. OSTROVSKAYA AND I. M. SIMOTA. *Elekt. Stantsii, 1954, No. 12, 28-31.* In Russian.

A simple zero-sequence current transformer is described for mounting around 3-core cables with laminations of one yoke stacked at site. Circuit diagrams, photographs and main data are given of 3 standard sets of equipment for indicating 1-ph. earth faults in substation feeders of power systems with insulated neutral. Discrimination between faulty and healthy line is obtained from the direction of the output current of a mechanical rectifier with vibrating contacts energized by the zero-sequence voltage and rectifying the zero-sequence current or vice versa. Polarized relays can be used instead of standard mechanical rectifiers. Either individual rectifying and indicating equipment is installed for each feeder or one central set is applied to the current of each feeder in turn through selector

V. BUSEMANN

OSTROVSKAYA, A.V., inzhener; SIROTA, I.M., kandidat tekhnicheskikh nauk.

Apparatus for the selective signalisation of short circuits to ground
in electric networks. Elek.sta. 25 no.12:28-31 D '54. (MLRA 7:12)
(Electric networks) (Short circuits)



OSTROVSHAN, A. V.

Electric currents in circuits

Preventing short-circuits in cable current transformers. Dokl. Akad. Nauk. 3:30-32 in 1953

Kand. Techn. Nauk

SO: Monthly List of Russian Accessions, Library of Congress, 1953, Uncl.

KUKOVSKIY, Ye.G.; OSTROVSKAYA, A.B.

X-ray study of bentonites in the Dashukovskii section of the
Cherkassy deposit in the Ukrainian S.S.R. Rent.min.syr. no.1:
67-74 '62. (MIRA 16:3)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.
(Cherkassy Province--Bentonite--Analysis) (X-ray crystallography)

BOGACHENKO, A.Ye.; OSTROVSKAYA, A.V.

Short-circuits to ground protection system based on the current of
the second harmonic in compensated networks. Energ. i elektrotekh.
prom. no.1:52-53 Ja-Mr '63. (MIRA 16:4)
(Electric protection) (Electric power distribution)

KACHANOVA, N.A., kand. tekhn. nauk; BARANOV, G.L., inzh.;
OSTROVSKAYA, A.V., inzh.

Use of the "Ural-2" digital computer in calculation of the
steady operation of a complex electric power system without
the reduction of network elements to one voltage stage.
Energ. i elektrotekh. prom. no.4:4-6 O-D '65.

(MIRA 19:1)

DOVNAR-ZAPOL'SKAYA, Nadezhda Markianovna; KOROLEVA, Nadezhda Sergeyevna;
KULAYEVA, Lyudmila Iosifovna; LUPANDINA, Ol'ga Sergeyevna;
NEMILOVA, Tat'yana Konstantinovna [deceased]; OSTROVSKAYA, Al'ma
Yul'yevna, dotsent, red.; GORDEYEVA, L.N., red.; YERMAKOV, M.S.,
tekhn.red.

[German-Russian mechanical and mathematical dictionary] Nemetsko-
russkii mekhaniko-matematicheskii slovar'. Pod red. I.U.A.Ostrovskoi.
Moskva, Izd-vo Mosk.univ., 1960. 236 p. (MIRA 13:9)
(German language--Dictionaries--Russian)
(Mathematics--Dictionaries) (Mechanics--Dictionaries)

KRAS VITSEIY, B.M.; OSTROVSKAYA, B.I.; MATSENVICH, B.M.

Effect of steric factors on the properties of dyes containing the
biphenyl nucleus. Part 6. Diazo dyes from o-aminobenzoyl derivatives
containing the biphenyl nucleus. Ukr.khim.zhur. 22 no.6:754-759, 1966.
(MIRA 1: 7)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M. Bor'kova.
(Azo dyes)

OSTROVSKAYA

1952 Analysis of direct and acid azo dyes.
E. M. Kravtsov, D. I. Ostrovskaya and D. G. Pereyaslov (A. M. Gorki Khar'kov State Univ.) *Chem* 3

Zhur. Anal. Khim., 1958, 11 (2), 216-218. The benzidine method of determining direct and azo dyes (Bogdanovskii, *Tekstil. Prum.*, 1953, 4, 31) is modified by the introduction of potentiometric titration with NaNO_2 of the excess of benzidine. The sample (0.05 to 0.1 g) of dye is dissolved in 10 to 20 ml of water and the soln. at 20° C is treated with twice the theoretical amount of 0.1 N benzidine hydrochloride. The precip. salt is filtered off and the filtrate is diluted to 100 ml in a suitable flask. A suitable aliquot of the soln. is titrated with 0.01 N NaNO_2 by the method of Litvinenko *et al.* (*Anal. Abstr.*, 1956, 6, 1069). The method is applicable to the determination of all sulpho dyes that give water-insol. benzidine salts. Titration of the excess of benzidine hydrochloride with NaOH soln. in the presence of phenolphthalein is unsatisfactory because of the colour of the soln. G. S. Smith

Острковский, Т. И.

chem Method of analysis of direct and acid azo dyes. B. M. Krasovitskiy, H. I. Gattolikhaya, and D. O. Perevalova. J. Appl. Chem. USSR, 11, 210-20 (1958) (Engl. translation).—See C.A. 20, 12098g. B. M. R.

3

LFH

OSTROVSKAYA, B. I.

Influence of steric factors on the properties of dyes containing the biphenyl nucleus. VI. Bisazo dyes from *p*-aminobenzoyl derivatives of diamines containing the biphenyl nucleus. B. M. Krasovitskiĭ, B. I. Ostrovskaya, and R. M. Matskevich (A. M. Gor'kiĭ State Univ., Khar'kov). *Ukrain. Khim. Zhur.* 22, 784-9 (1956) (in Russian); cf. *C.A.* 51, 721e.—Substituted benzidines and *p*-C₆H₄N₂COCl form diacyl derivs. (I), reduced by Na₂S₂O₄ or Na₂S₂O₃ to the di-*p*-H₂NC₆H₄CO derivs. (II), which on diazotization and coupling form bisazo dyes (III). The following are reported (substituents, m.p.s. of I and II, resp., substantivity on cotton, and λ in m μ of III given): II, —, —, 70%, 530. 3,3'-Me₂, —, 308-10°, 78%, 532; 3,3'-(MeO)₂, 325°, (HCl salt) 220°, 71%, 532; 2,2'-CH₃, 250-8°, 301-2°, 71%, 530; 2,2'-Me, 298°, 175°, 74%, 538; 2,2'-Cl, 328-30°, 300°, 78%, 540°; 2,3'-P, above 350°, above 350°, 83%, 538. The corresponding values for the I, II, and III from naphthidine are 336-0°, above 350°, 65%, and 530. The substantivity and λ for RN₂C₆H₄CONHC₆H₄N₂R are by comparison 63% and 553 m μ . In these longer chains the interference between the 2,2'-positions of the benzidine nucleus has less effect on the color or the substantivity.

John Howe Scott

O. S. ROVSKAYA, B. I.

Chem Relation between color and substantivity of dyes; derivatives of benzamide. B. M. Krasovitski, B. I. Ostrovskaya, and D. O. Pereyaslova. *Proc. Acad. Sci. U.S.S.R., Ser. Chem.* 108, 13-10(1966)(English translation). See C.A. 80, 9021A. B. M. B.

3

Ostrovskaya, B. I.

USSR/ Chemistry - Dyes

Card 1/2

Pub. 22 - 19/43

Authors

: Krasovitskiy, B. M.; Ostrovskaya, B. I.; and Pereyaslova, D. G.

Title

: Relation between structure, color and substantiveness of benzanilide dyes

Periodical

: Dok. AN SSSR 106/1, 72-75, Jan 1, 1956

Abstract

: The relation between the structure, color and substantiveness of benzanilide dyes was investigated. The increase in the color and drop in substantiveness of these dyes due to the absence of conjugated double bond chains in their molecules, are discussed. The possibility that the structure of the dyes is less favorable for the formation of hydrogen bonds between the auxochromes of the dyes and cellulose is analyzed. It

Institution :

Kharkov State University im. A. M. Gorkiy

Presented by:

Academician B. A. Kazanskiy, July 15, 1955

Card 2/2 Pub. 22 - 19/43

Periodical : Dok. AN SSSR 106/1, 72-75, Jan 1, 1956

Abstract : was found that the reaction between benzanilide dyes results in formation of hydrogen bonds not only between cellulose and auxochrome but also between cellulose and the amide group of the dye. The effect of the axo-group on the substantiveness of the dye is explained. Nine references: 4 USSR, 3 Germ., 1 USA and 1 French (1914-1954). Tables.

OSTRAVSKAYA, B. I.

Distr: 4E2c(j)

Influence of steric factors on the properties of dyes containing the biphenyl nucleus. VIII. Hisato Gref from *m*- and *p*-aminobenzoyl derivatives of benzidine and 2,2'-dimethylbenzidine. B. M. Krasovitskii, B. I. Ostrovskaya and V. B. Smolinskaya (A. M. Gorky State Univ., Kherkov). *Ukrain. Khim. Zhur.* 23, 498-500 (1957) (in Russian); cf. C.A. 51, 8702d. — Dyes of the types (R¹, R²)CONH (I) and R¹N₂R²CONH (II) are reported; (R¹, R²) λ in mμ, and substantivity in % given. Type I: *p*-C₆H₄, 4,4'-biphenylene (III), 530, 70; *m*-C₆H₄, III, 530, 63; *p*-C₆H₄, 2,2'-dimethyl-4,4'-biphenylene (IV), 536, 74; *m*-C₆H₄, IV, 530, 34. Type II: *p*-C₆H₄, *p*-C₆H₄, 548, 63; *p*-C₆H₄, III, 540, 82; *m*-C₆H₄, III, 540, 74; *m*-C₆H₄, *p*-C₆H₄, 540, 27; *m*-C₆H₄, *m*-C₆H₄, 533, 13; *p*-C₆H₄, IV, 530, 70. Change from *p*-C₆H₄ to *m*-C₆H₄ produces a hypsochromic shift as does that from III to IV in type II where the azo group is directly attached to the biphenyl nucleus. If the azo group is directly bound to III the absorption is at longer wave lengths than when it is sepd. by an amide linkage. Change from III to IV in type I is bathochromic. The m.p.s. of the following are reported (R¹, R², and m.p. given): ON-*p*-C₆H₄CONH (IV), III, 287°; *m*-C₆H₄CONH

2 m.p.

VI. IV. 179. IX Influence of steric substituents on ...

B. M. KRASOVITSKII, B. I. OSTROVSKAYA ...
color of monoazo dyes —: derivatives of biphenyl, fluorene,
and binaphthyl. B. M. Krasovitskii, L. M. Litvinenko, and

7

John Howe Dept

RM

KRASOVITSKIY, B.M.; OSTROVSKAYA, B.I.; TITARENKO, N.I.

Effect of spatial factors on the properties of dyes containing a biphenyl nucleus. Part 16: Monoazo dyes, derivatives of benzene, biphenyl, and *p*-terphenyl, containing amide groups. Ukr. khim. zhur. 27 no.2:226-230 '61. (MIRA 14:3)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M. Ger'kogo.
(Azo dyes)