

L 21921-66

ACC NR: AF6014630

5

and crystallography. The application of mathematical apparatus contribute to the further expansion of the theoretical investigations in these regions. The most important task of the group is the introduction into practice of the work of the laboratories of modern methods in setting up experiments and processing the experimental data, as well as the application of mathematical methods in the field of principally descriptive studies. In January-February 1965, associates of the mathematics group gave lectures on the basis of the theory of probability and mathematic statistics. The purpose of these lectures, to prepare attendees of the seminar on the mathematical theory of experiment planning conducted in March-April. A group of specialists (Yu. V. Granovskiy, N.A. Chernova -- Moscow State University and others) headed by Doctor of Technical Sciences V. V. Nalimov, Chairman of the Chemistry Section, Council on Cybernetics, Academy of Sciences USSR, participated in the seminar. A number of lectures on the mathematical theory of experiments was read at the specially composed program. More than 100 attendees (chemical engineers, analytical chemists, experimental physicists and physical chemists, geologists, and others) were acquainted in detail with the Box-Wilson method, factorial experiment, adaptive optimization as well as with applied methods of the theory of random functions and with the problems of the mechanization of the information service. The program of the seminar also provided for consultation on practical problems associated with employment of the methods of experiment planning.

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There is experience in the application of these methods at the Kola Affiliate of the Academy of Sciences USSR. Efforts on the optimization of the extractive separation of niobium and tantalum were reported at the First All-Union Conference on Experiment Planning. With the aid of the Box-Wilson method a study on the separation of certain rare elements and their separation by extraction from accompanying impurities, recovery of aluminum in solution during sulfate stripping of nephelin and beneficiation of ores by flotation, gravitation and other methods was made. A number of tasks is presented which are connected with the application of methods of dispersive and regressive analysis in analytical chemistry and geology, of applied methods in the theory of random functions and adaptive optimization in roentgenospectral analysis. The seminar also contributed to a wider use of modern methods of documentation. The invitation of specialists for reading of more developed lectures is provided according to the measure of expansion of the research efforts in the use of the methods of the theory of experiment planning. [JFRS]

SUB CODES: 12, 20, 08, 09, 07 / SUBM DATE: none

Cord 3/3 nat

KRAVCHENKO-MIKHAYLOVA, K. V., Cand Med Sci -- (diss) "Characteristics of phosphorus metabolism in schizophrenic patients and its dynamics in connection with sulfur treatment." Khar'kov, 1960. 15 pp; (Khar'kov State Medical Inst); 200 copies; price not given; (KL, 17-60, 170)

KRAVCHENKO-MIKHAYLOVA, K.V.

Characteristics of psychopathological disorders in various infectious encephalitides and differentiation from schizophrenia. Zhur. nerv. i psikh. 60 no. 12:1630-1633 '60. (MIRA 14:4)

1. Kafedry psikiatrii (zav. - prof. N.P. Tatarenko) i nervnykh bolezney (zav. - prof. G.D. Leshchenko) Khar'kovskogo meditsinskogo instituta.

(SCHIZOPHRENIA) (ENCEPHALITIS) (MENTAL ILLNESS)

TATARENKO, N.P. (Khar'kov); KRAVCHENKO-MIKHA YLOVA, K.V. (Khar'kov)

Perception disorders of central genesis and the hypochondriac
syndrome. Trudy Gos. nauch. issl. psikhonevr. inst. 29:117-128
'63. (MIRA 17:8)

ACC NR: AT7001495

SOURCE CODE: UR/0000/66/000/000/0065/0076

AUTHOR: Blazhkevich, B. I. (L'vov; Doctor of technical sciences); Kravchenyuk, Yu. P. (L'vov)

ORG: none

TITLE: High-impedance contactless measuring DC/AC voltage converters using varicaps

SOURCE: AN UkrSSR. Teoriya i praktika ustroystv dlya preobrazovaniya elektro-izmeritel'noy informatsii (Theory and practice of devices for the conversion of electrical measuring information) Kiev, Naukova dumka, 1966, 65-76

TOPIC TAGS: varactor diode, electric energy conversion, *electric capacitance, transistorized circuit*

ABSTRACT: The relatively low input impedance of electro-mechanical and transistorized d-c voltage measuring circuits prompted study of varactor diodes as possible high-impedance (10^9 ohms) input elements in these circuits. The basic characteristics of varactor diodes are analyzed with special emphasis given to the temperature dependence of the dielectric constant of the varactor p-n junction and the potential barrier. The dielectric and potential barrier temperature coefficients of USSR-made silicon varactor diodes are cited as $2 \times 10^{-4}/^\circ\text{C}$ and $(3-6) \times 10^{-3}/^\circ\text{C}$, respectively. The dependence of the varactor diode capacitance on the applied d-c voltage may be utilized in d-c/a-c voltage conversion. These circuits may use the amplitude modulating principle usually encountered in bridge or differential circuits or the frequency modulating principle characteristic to tuned LC or RC circuits. Thirteen
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ACC NR: AT7001495

examples of these circuits are given together with the formulas relating the output parameter to the relative varactor capacitance variation, conversion coefficient, and input impedance. The disadvantage of these circuits is their temperature sensitivity which often makes it mandatory to use compensating circuits. Orig. art. has: 1 figure, 2 tables, and 25 formulas.

SUB CODE: 09/ SUBM DATE: 23Jul66/ ORIG REF: 003/ OTH REF: 001/

Card 2/2

KRAVCHIK, A.E., inzh.

Special features of the characteristics of asynchronous motors
with cast aluminum windings. Elektrotehnika 35 no.7:51-54 '64.
(MIRA 17:11)

L 15646-65 EWT(d)/EWT(m)/EWP(w)/EWP(h)/EWP(l) AFFTC/AFWI/SSD/AEDC(b)/AEDC(a)
EM

ACCESSION NR: AP4048981

S/0286/64/000/020/0095/0095

AUTHORS: Agapov, P. I.; Tsapanko, M. P.; Fakhrutdinov, Z. S.; Kravchuk, B. Ye.

TITLE: A device for measuring force. Class 42, No. 93757

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1964, 95

B

TOPIC TAGS: strain gage, force measurement 10

ABSTRACT: This Author's Certificate presents a device for measuring force by means of an unattached strain gage switched into a bridging electrical circuit. In order to extend the range of force measurements and to improve the accuracy of measurement, the device includes an elastic cantilever arm equipped with a wire strain gage, wound in two parallel series around pins attached to the end of the elastic cantilever arm and to the fixed parts of the frame of the force-measuring element. One series of the gage operates on tension, the other on compression.

ASSOCIATION: none

SUBMITTED: 22Nov69

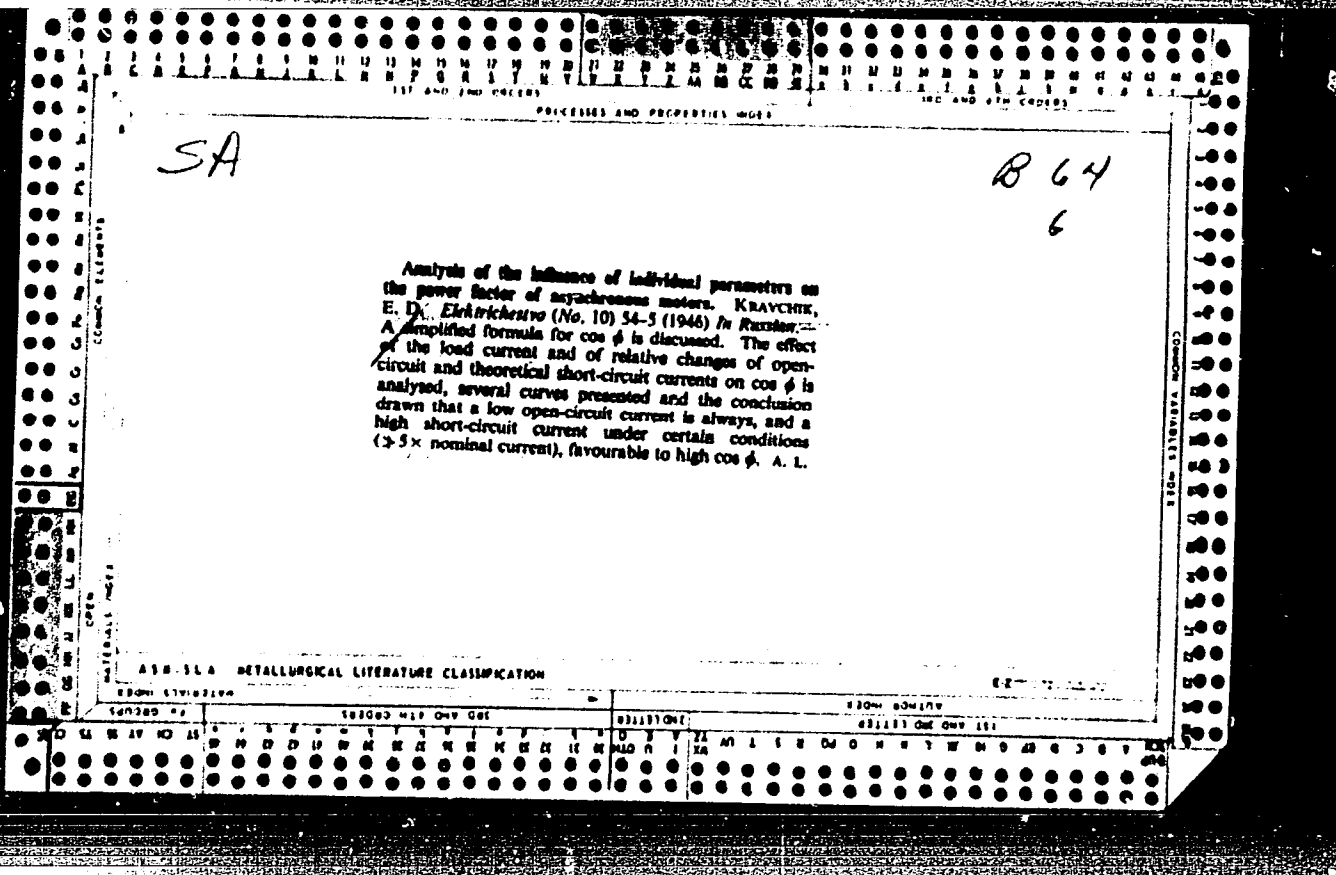
SUB CODE: ME

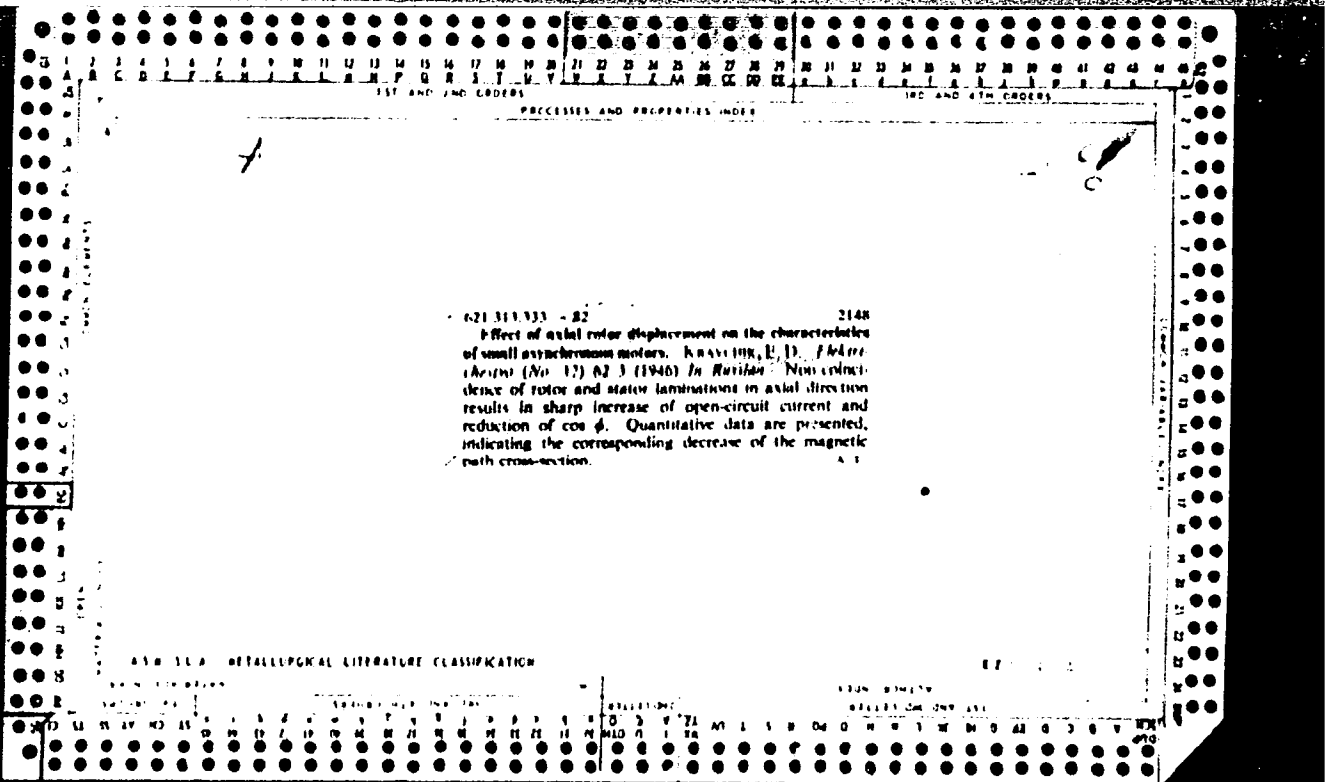
NO REF SOV: 000

ENGL: 00

OTHER: 000

Card 1/1





KRAVCHIK, E. D.

USSR/Who's Who - Scientific 7500.

Aug 1947

"Problem of Consumption of Metal and Reducing the Electric Energy Losses in the USSR Electrical Industries" 2½ pp

"Elektrichestvo" No 8

Lists the works of several scientists and engineers on title subject. Among those mentioned are A. I. Kolpakova of the Electro-Hear Planning, Engineers V. A. Vasil'ev and E. D. Kravchik, who are employed by a factory imeni Kalinin under the Ministry of Electrical Industry of the USSR, G. S. Pliss, Member of the All-Union Committee of Standards of the Soviet of Ministers of the USSR, and Engineer V. V. Mikhaylov of the Technical Administration of the Ministry of the Electrical Industry of the USSR. Short descriptions of the individual articles written by the above-mentioned people.

LC

10098

KRAVCHIK, E.D., inzh.

Some problems concerning the electric machinery industry.
Vest. elektroprom. 32 no.4:21-22 Ap '61. (MIRA 15:5)
(Electric machinery industry)

KRAVCHIK, E.D., inzh.

Means for increasing the reliability of electrical machines.
Vest. elektroprom. 34 no.2:60-61 F '63. (MIRA 16:2)
(Electric machinery)

KRAVCHIK, E.D., inzh.; SOKOLOVA, M.I., inzh.

Asynchronous motors with powder aluminum stator winding.
Elektrotehnika 35 no.1:36-37 Ja '64. (MIRA 17:2)

KRAVCHIK, E.O., izzh.: ENLAF, 1 ch. izd.

Asynchronous motors sizes 10-11 with power ratings from 100 to
400 kw. and cast aluminum rotor winding. Elektrotehnika 35
no. 5:13-16 Ny'64 (NIRA 17:8)

KRAVCHIK, E.D., inzh.

Two-speed motors with an alternating stator winding.
Elektrotehnika 36 no.8:29-30 Ag '64. (MIRA 17:9)

KRAVCHIK, Feliks Ivanovich; DORMIDONTOV, F.K., redaktor; KAMOLOVA, V.M.,
tekhnicheskiiy redaktor

[Preparation of work for ship repair] Podgotovka proizvodstva
pri remonte sudov. Leningrad, Gos.soiuznoe izd-vo sudostroitel'-
noi promysh., 1955. 252 p. (MLBA 9:2)
(Ships--Maintenance and repair)

KRAVCHIK, Feliks Ivanovich; DORMIDONTOV, F.K., otv. red.; SHISHKOVA,
L.M., tekhn. red.

[Repairing ships by replacing machinery and equipment] Agregatnyi
metod remonta sudov. Leningrad, Gos. soluznoe izd-vo sudostroit.
promyshl., 1958. 144 p. (MIRA 11:12)
(Ships--Maintenance and repair)

KRAVCHIK, Feliks Ivanovich; KANEVSKIY, I.L., retsenzent; LAPINA, N.V.,
retsenzent; DZHELOMANOV, T.L., nauchnyy red.; SHAKHNOVA, V.M.,
red.; SHISHKOVA, L.M., tekhn. red.

[Planning and organization of the repair of ships] Planirovanie
i organizatsia remonta sudov. Leningrad, Gos.soiuznoe izd-vo
sudostroit. promyshl., 1961. 158 p. (MIRA 15:2)
(Ships—Maintenance and repair)

KRAVCHIK, I.R., Cand Agr Sci -- (diss) "effect of feeding on the
quality of offspring, wool productivity and the *hide*
qualities of sheep." Kishinev, 1958, 16 pp (Min of Agr USSR.
Kishinev Agr Inst in M.V. Franze) 100 copies (EL, 27-58, 114)

- 169 -

KRAVCHIK, N.R.; KACHANOVA, N., red.; GOBYACHENKO, F., tekhn. red.

[Increasing yield and butterfat content of milk; from the work practices of the dairy section on the "Pogranichnik" Collective Farm, Lipkany District] Povyshenie nadoev i zhirnosti moloka; iz opyta raboty MTF kolkhoza "Pogranichnik" Lipkanskogo raiona. Kishinev, Izd-vo sel'khoz.lit-ry MSKh MSSR, 1962. 69 p.

(MIRA 15:7)

(Moldavia--Milk)

KRAVCHIK, V.

KRAVCHIK, V.; RYBCHINSKIY, E.

Eliminating superfluous levels of the Ukrainian administrative
apparatus. Fin.SSSR 16 no.4:61-62 Ap '55. (MIRA 8:3)
(Ukraine--Politics and government)(Ukraine--Industrial
management) (Ukraine--Finance)

KRAVCHIK, Ya.O.[Kravchyk, IA.O.] Geroy Sotsialisticheskogo Truda

Lowering the cost of production on the collective farm. Mekh.
sil'.hosp. 11 no.3:4-5 Mr '60. (MIRA 13:6)

1. Brigadir traktornoy brigady No.1 kolkhosa "Bol'shevik,"
Yampil'skogo rayona, Vinnitskoy oblasti.
(Yampil' District(Vinnitsa Province)--Agriculture--Economic aspects)

AUTHOR: Kravchin, G.A., Engineer

SOV/122-59-6-10/27

TITLE: Compound Storage Hoppers With an Upper Part of Variable Cross-section

PERIODICAL: Vestnik mashinostroyeniya, 1959, Nr 6, pp 36-38 (USSR)

ABSTRACT: Various geometries of storage hoppers are considered in relation to their filling with granular material which settles down at its angle of repose. When the upper part is prismatic, a hopper suspended under a horizontal ceiling will have some wasted space. Although this space cannot be used, a design with varying cross-section in the shape of a pyramid may yield a stiffer structure, prevent the existence of voids which are unhygienic in food storage and require less material. An analysis of the geometric relationships leads to a simple criterion (Eq 5) based on the minimum amount of sheet material. For every angle of repose there is a maximum ratio of width of the filling

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Compound Storage Hoppers With an Upper ^{SOV/122-59-6-10/27} Part of Variable Cross-section

opening to the maximum width of the hopper beyond which a constant cross-section is more appropriate from the point of view of quantity of sheet metal.
There are 4 figures and 3 Soviet references.

Card 2/2

SHAVERDOV, Yuriy Shamirovich; KRAVCHINA, Ivan Petrovich; SIROTENKO, V.D.,
inzhener, redaktor; YUDSON, D.M., tekhnicheskiiy redaktor.

[Testing and regulating the diesel generator of locomotives;
experience of the Gudermes depot of the Ordshonikidze railroad]
Ispytanie i regulirovka diesel'generatornoi ustanovki teplovoza;
opyt depo Gudermes Ordshonikidzevskoi zh.d. Moskva, Gos.transp.
zhel-dor.isd-vo, 1956. 49 p. (MIRA 9:6)
(Diesel locomotives--Testing)

KRAVCHINA, Ivan Petrovich; LARIONOV, Lenarm Petrovich; DENISOVA, T.V.,
inzh., red.; BOBROVA, Ye.N., tekhn.red.

[Rheostatic tests of TE3 diesel locomotives in the car barn]
Reostatnye ispytania teplovozov TE3 v depo. Moskva, Vses.
izdatel'sko-poligr.ob"edinenie M-va putei soobshchenia, 1960.
40 p. (MIRA 13:10)
(Diesel locomotives--Testing)

KRAVCHINA, L.N.

U S S R .

Vitamin values of U.S.S.R. food articles V. M. Iordkova, L. N. Kravchina, T. P. Ivanova, and E. N. Chesalina. *Trudy Vsesoyuzn. Nauch.-Issledovatel. Vitamin. Inst.* 4, 179-80(1953). - A survey of the vitamins B₁, B₂, PP, ascorbic acid, and carotene of food products most commonly used in daily diets in the U.S.S.R. B. S. Levins.

KRAVCHINA, L.N.

USSR .

Qualitative changes in some raw foods in the process of drying by sublimation. V. M. Isolkova, L. N. Kravchina, V. V. Zvorykina, and V. A. Devyatkin. *Trudy Vsesoyuz. Nauch.-Issledovatel. Voprosy, Iss. 4, 202-9 (1963)*.—Juices of blackberries, dog-rose fruit, tomatoes, and lemons, dried by sublimation, retain their ascorbic acid, pectins, and enzymes to a satisfactory degree if the moisture is reduced to its min. and if they are stored in an atm. of N in hermetically sealed containers.
B. S. Levina

KRAVCHINA, L. N.

✓ The vitamin B₁ and B₂ in flour and in different types of bread. L. N. Kravchina. *Trudy Vsesoyuz. Nauch. Issledovatel. Vilamin. Inst.* 4, 215-16(1953).—An annotation. B. S. Levine

КРАВЧИНА, Л.Н.



✓ Thiamine adsorption by sands. L. N. Kravchina.
Trudy Vsesoyuz. Nauch.-Issledovatel. Vopr. Med. 4,
234-6(1953).—Some native sands were tested as vitamin
adsorbents for analytical purposes; the adsorptive power
varies with the source and the size of the sand. For the
same sand it varies with the height of the column and with
the quantity of liquid passed through it. B. S. Levine

КРАВЧУНА, Л. Н.

USSR

Chemical analysis of vitamin B₁₂ in industry. V. A. Deryatkin, L. N. Kravchun, and N. M. Stolnikova. *Trudy Vsesoyuz. Nauch.-Issled. inst. Vitamin. Inst. 4, 230-49 (1953).* B. S. Levine

KRIVCHINA, L.N.; KOLTUNOVA, V.I.

Effect of light on solutions of crystalline riboflavin. Trudy
VNIVI 5:73-77 '54. (MLRA 9:3)

1. Khimiko-analitecheskaya laboratoriya.
(RIBOFLAVIN) (PHOTOCHEMISTRY)

DE'YATNIN, V.A.; KRAVCHINA, L.N.; KOLTUNOVA, V.I.

Vitaminisation of food products. Trudy VNIVI 5:182-191 '54.

(MLRA 9:3)

1. Khimiko-analiticheskaya laborateriya.
(VITAMINS) (FOOD, ENRICHED)

IOSIKOVA, V.M.; KRAVCHINA, L.N.; ZVORYKINA, V.V.

Study of the stability of vitamins in the polyvitaminic dragee.
Trudy VNIVI 6:131-136 '59. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
Khimiko-analiticheskaya laboratoriya.
(VITAMINS)

KRAVCHINA, L.N.; DEVIATNIN, V.A.

Methods for the analysis of β -ionone. Trudy VNIVI 6:265-269
'59. (MIRA 13:7)

1. Khimiko-analiticheskaya laboratoriya Vsesoyuznogo nauchno-
issledovatel'skogo vitaminogo instituta.
(IONONES)

KRAVCHINSKAYA, S B

AID P - 2259

Subject : USSR/Chemistry

Card 1/1 Pub. 152 - 4/19

Authors : Ganz, S. N. and S. B. Kravchinskaya

Title : Rate of absorption of nitrogen oxides by solutions of $\text{Ca}(\text{OH})_2$ in mechanical absorption apparatus with a large number of revolutions.

Periodical: Zhur. prikl. khim., 28, no.2, 145-155, 1955

Abstract : The absorption was conducted in three types of apparatus the characteristics of which are presented in a table. The degree of absorption of nitrogen oxides increases markedly with increase in the number of revolutions. The calculations show a saving of 61.4% in energy when mechanical absorption apparatus are used. Four tables, 7 illustrations, 6 references (all Russian: 1949-1955).

Institution: Dnepropetrovsk Institute of Chemical Technology

Submitted : J1 20, 1953

VEZIROVA, N.Z.; KHAVCHINSKAYA, S. Ya.

Treatment of gastric and duodenal peptic ulcer by Chinese respiratory
exercises (pneumotherapy) and Shostakovskii's balsam. Azerb. med.
zhur. no.7:57-62 J1 '61. (MIRA 15:1)
(PEPTIC ULCER) (EXERCISE THERAPY) (BALSAMS)

KRAVCHINSKIY, A.P.; GORCHEV, S.V.

Possibility of absolute measurements of electrochemical
reaction rates. Part 2. Zhur. fiz. khim. 39 (1962) 2773-2775.
(1962, 1118)

I. Moskovskiy khimiko-tekhnologicheskii institut imeni
Mendeleeva. Submitted July 11, 1962.

GORBACHEV, S.V.; KRAVCHINSKIY, A.P.

Possibility of absolute measurements of the rates of electro-
chemical reactions. Zhur. fiz. khim. 38 no.3:789-793 Mr '64.
(MIRA 17:7)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I.
Mendeleeva.

ACC NR: AP6035602

SOURCE CODE: UR/0387/66/000/010/0091/0090

AUTHORS: Davydov, V. F.; Kravchinskiy, A. Ya.

ORG: Eastern Geophysical Trust (Vostochnyy Geofizicheskiy trust)

TITLE: Changes in magnetization of clastic sediments during the first stages of lithogenesis

SOURCE: AN SSSR. Izvestiya. Fizika Zemli, no. 10, 1966, 91-96

TOPIC TAGS: magnetization, earth magnetism, magnetic property, quartz

ABSTRACT: Many data indicate that the magnetization of sedimentary rocks changes appreciably in the early stages of their history. The authors have prepared some mixes of quartz and magnetite of various sizes (0.008 to 0.36 mm for magnetite, 0.008 to 0.81 mm for quartz) to study such changes. The material was allowed to settle in quiet water in the earth's field. Settling distances ranged from 0.1 to 1 m, and shaking of the mix ranged in duration from 0 to 40 seconds. Inclination of magnetization in the sediments was found to change with time of shaking and with size of particle. The authors conclude that external mechanical factors bring about changes in the mutual arrangement of grains in fresh clastic sediments. As a result of these changes, the direction of magnetization in the rocks approaches that of the earth's field by the time diagenesis begins. Since the magnetization of fresh sediments may be altered, a real concept of distortions in directions of magnetization in clastic

UDC: 550.382.3

Card 1/2

ACC NR: AP6035602

rocks cannot be obtained by studying only the processes of sedimentation or the reworking of clastic material. The picture can be obtained only by investigating the nature of magnetization in rocks of a given stratigraphic horizon under various conditions of magnetization. Orig. art. has: 4 figures and 2 tables.

SUB CODE: 08/ SUBM DATE: 08Aug65/ ORIG REF: 014/ OTH REF: 005

Card 2/2

KRAVCHINSKIY, Boris Davydovich; BONDARENKO, B.A., red.; LEBEDEVA, G.T., tekhn. red.

[Physiology of the water-salt metabolism of body fluids]
Fiziologiya vodno-solevogo obmena zhidkosti tela. Lenin-
grad, Medgiz, 1963. 310 p. (MIRA 16:10)
(WATER METABOLISM) (BODY FLUIDS)

KRAVCHINS'KIY, E.M.; SILICH, T.P.

Studying certain features of protein metabolism in the gray and white matter of the brain [with summary in English]. Ukr.biokhim. zhur. 29 no.1:25-32 '57. (MLBA 10:5)

1. Institut biokhimi Akademii nauk Ukrain's'koy RSR, Kiy.
(BRAIN) (PROTEIN METABOLISM)

KRAVCHINSKIY, R.M.
KRAVCHINSKIY, R.M.; VUSIK, V.A.

Grinder innovator N.D. Koval'. Mashinostroitel' no.1:22 Ja '58.
(Grinding machines) (MIRA 11:1)

SHMEL'KOV, V.I.; SHCHEDROVITSKIY, Ya.S.; KADARMETOV, Kh.N.; ERIKOVA, O.V.;
SHIRYAYEV, Yu.S.; AGARKOVA, N.A.; KRAVCHINSKIY, R.V.; TAMBOVTSEV, V.A.

Material and power balance in melting carbon ferrochromium
in a large furnace. Stal' 24 no.12:1094-1096 D '64. (MIRA 18:2)

PONOMARENKO, V.A., kand. tekhn. nauk; KRAVCHINSKIY, S.Yu.;
VERKLOV, B.A., kand. tekhn. nauk; LYSYUK, V.S., inzh.

Establishing an optimum chart for underground mine haulage
by the electron modeling method. Ugol' Ukr. 9 no.12:19-21
D '65. (MIRA 19:1)

1. Donetskiy nauchno-issledovatel'skiy ugol'nyy institut
(for Ponomarenko, Kravchinskiy). 2. Kommunaranskiy gornometallur-
gicheskiy institut (for Verklov, Lysyuk).

POHOMARENKO, V.A.; KRAVCHINSKIY, S.Yu.

Experiment in increasing the capacity of underground transportation
in the Donets Basin mines. Ugol' 35 no.6:34-36 Je '60.
(MIRA 13:7)

1. Donetskiy ugol'nyy institut.
(Donets Basin--Mine haulage)

KRAVCHINSKII, S.Yu., inzh.

Efficiency of using various means of haulage on inclined
workings in Donets Basin mines. Sbor.DonUGI no.23:3-60 '62.
(MIRA 16:2)

(Donets Basin--Mine haulage)

~~KRAVCHINSKIY, Sergey Yur'yevich; ASTAKHOV, A.V., red. izd-va;
MESHCHANKIN, I.S., tekhn. red.; MINSKER, L.I., tekhn. red.~~

[Efficiency of locomotive haulage in ventilation horizons of
Donets Basin mines] Effektivnost' lokomotivnoi otkatki na
ventiliatsionnykh gorizontakh shakht. Donbassa. Moskva, Gos-
gortekhzdat, 1963. 80 p. (MIRA 16:6)
(Donets Basin--Mine railroads)

ROZINA, G.Yu.; DUBEYKOVSKAYA, L.S.; KRAVCHINSKIY, Ya.D.

Labor conditions in the production of ferrates and ways to improve them. Porosh.met. 2 no.1:97-100 Ja-F '62. (MIRA 15:8)

1. Nauchno-issledovatel'skiy institut gigiyeny truda i professional'nykh zabolevaniy, Leningrad.

(Powder metallurgy--Hygienic aspects) (Ferrates)

KRAVCHINSKIY, Z.I.

Out of town session of the Institute of Geology in Neftyanyye
Kumli. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 5:184
'61. (MIRA 15:1)

(Petroleum geology)

Lead
KRAVCHINSKIY, Z. Ya.: Master Geolog-Mineralo Sci (diss) -- "Iodine-bromine waters from the oil deposits of Neftchala and Cheleken and the outlook for their development". Baku, 1958, published by the Acad Sci Azerb SSR. 21 pp (Acad Sci Azerb SSR, Inst of Geology im Acad I. M. Gubkin), 150 copies (KL, No 4, 1959, 123)

KRAVCHINSKIY, Z.Ya.

Geothermal conditions of Cheleken Peninsula. Izv. AN Turk. SSR
no.2:92-94 '58. (MIRA 11:4)

1.Institut geologii AN Turkmenskoy SSR.
(Cheleken Peninsula--Earth temperature)

KRAVCHINSKIY, Z.Ya.

Comparing chemical characteristics of waters in Cheleken red beds
and in the Neftechalaproducing area. Izv. AN Azerb. SSR. Ser. geol.-
geog. nauk no.3:89-94 '58. (MIRA 11:12)
(Cheleken Peninsula--Water, Underground)
(Neftechala District--Water, Underground)

KRAVCHINSKIY, Z.Ya.

Distribution of iodine and bromine in oil-field ground waters
in Azerbaijan and Turkmenistan. Dokl. AN Azerb.SSR 14 no. 8:629-633
'58. (MIRA 11:8)

1. Institut geologii AN AzerSSR. Predstavleno akademikom AN
AzerSSR M.V.Abramovichem.

(Oil field brines)

(Iodine)

(Bromine)

KRAVCHINSKIY, Z.Ya.

Distribution of trace elements in waters from Cheleken beds.
Izv. AN Turk. SSR. no.1:115-118 '59. (MIRA 12:5)

1. Institut geologii AN Azerbaydzhanskoy SSR.
(Cheleken--Water--Analysis) (Trace elements)

KRAVCHINSKIY, Z.Ya.

Some general features of the occurrence of trace elements in
oil field brines of Azerbaijan and Trukmenistan. Izv. AN Turk.
SSR no.5:70-73 '59. (MIRA 13:3)

1. Institut geologii im. I.M. Gubkina AN AzerSSR.
(Oil field brines) (Trace elements)

KRAVCHINSKIY, Z.Ya.

Comparing chemical characteristics of waters in bottom layers of
a producing formation and a red bed. Geol. nefti i gaza 4
no. 12:42-44 D '60. (MIRA 13:12)

1. Institut geologii AN AzerSSR.
(Caspian Sea--Oil field brines--Analysis)

SALAYEV, S.G.; KRAVCHINSKIY, Z.Ya.

Resistivity log index and the interpretation of the character
of individual sediments of Oligocene and Miocene stratigraphic
units in Kobyistan. Uch. zap. AGU. Ser. geol. geog. nauk no.1:
75-83 '61. (MIRA 16:8)

KRAVCHINSKIY, Z.Ya.

Correlation of oil producing red beds in Cheleken Island and the
Apsheron Archipelago. Geol. nefti i gaza 6 no.7:42-43 J1 '62.
(MIRA 15:6)

1. Institut geologii AN Azerbaydzhanskoy SSR.
(Apsheron Archipelago—Petroleum geology)
(Cheleken Peninsula—Petroleum geology)

KRAVCHINSKIY, Z.Ya.

Possible formation pressure gradients in oil and gas pools
of the Apsheron sill. Geol.nefti i gaza 6 no.8:23-24 Ag
'62. (MIRA 15:9)

1. Institut geologii AN AzSSR.
(Caspian Depression--Petroleum geology)
(Caspian Depression--Gas, Natural--Geology)

BAGIRAYEV, F.M.; KRAVCHINSKIY, Z.Ye.

Comparison of conditions governing the distribution of petroleum in the producing and red layers as illustrated by the Cheleken and Neftyanyye Kummi fields and prospects for finding oil and gas in the structures of the Apsheron sill. Izv. vys. ucheb. zav.; neft' i gaz 6 no.7:13-17 '63.

(MIRA 17:8)

1. Azerbaydzhanskiy institut nefti i khimi imeni M.Azizbekova
i Institut geologii imeni akademika Gubkina AN AZSSR.

KRAVCHINSKIY, Z.Ya.

Establishing the gas potential and hydrocarbon composition of the gas in the red-colored productive formation of the Apsheron Archipelago and Cheleken structures. Dokl. AN Azerb. SSR 19 no.3: 31-34 '63. (MIRA 17:8)

1. Institut geologii AN AzSSR. Predstavleno akademikom AN AzSSR M.V. Abramovichem.

107-57-3-56/64

AUTHOR: Kravchuk, A. (st. Puksa, Arkhangel'sk oblast, Plesetskiy rayon)

TITLE: About a Receiver with a Universal Power Supply. A Letter to the Editor
(O priyemnike s universal'nym pitaniyem. Nam pishut)

PERIODICAL: Radio, 1957, Nr 3, p 53 (USSR)

ABSTRACT: "It is not a secret that most of the battery-type receivers in rural areas are more often silent than functioning. This is due to interruptions in the selling of batteries. They are delivered to rural areas irregularly and by the end of their service life, function considerably worse than in the beginning." Receivers with universal power supply, from power-supply lines, from batteries, and from storage batteries, meet with general interest. Commercial battery-type receivers can be converted to storage-battery supply, "but to buy a vibrapack in a store is often absolutely impossible." Sensitivity and selectivity of a universal-supply receiver should be much higher than those of "Rodina-47" and "Rodina-52" receivers. There is one Soviet reference in the article.

Card 1/1

S/081/62/000/023/047/120
B166/B101

AUTHOR: Kravchuk, A. K.

TITLE: Proportional sensor for a layer of moving particulate material

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 397, abstract 231206 (Sb. nauchn. tr. In-t avtomatiki Gosplana USSR, no. 2, 1961, 147-152)

TEXT: The device consists of a sheet of metal freely suspended on a shaft which turns in bearings. When the thickness of the layer of material varies, the sheet rotates through a certain angle making the appropriate contact in the indicating circuit. In order to provide a linear dependence between the shaft's angle of rotation and the layer thickness it is suggested that the suspended part be specially shaped (calculations of the profile of a sensor with linear response are given and the results are tabulated). Such a sensor is installed at the Semenovsko-Golovkovskaya uglebriketnaya f-ka (Semenovsko-Golovkovo Coal Briquette Factory) for measuring and controlling the loading of closed scraper conveyers. [Abstracter's note: Complete translation.]

Card 1/1

42765

S/185/62/007/010/007/020
D234/D308

AUTHORS: Klymyshyn, I. A. and Kravchuk, A. L.

TITLE: Increase of radiation intensity before a shock wave reaches the surface of a homogeneous medium

PERIODICAL: Ukrayins'kyy fizychnyy zhurnal, v. 7, no. 10, 1962, 1083-1088

TEXT: It is assumed that the shock wave moves with constant velocity and the energy P radiated from a surface unit of the front is independent of time. The amount of energy $J(u)$ radiated from $u = -\infty$ to u , when the wave reaches an optical depth $(u_0 - u)v$, is computed by integrating the probability function given by V. V. Sobolev; $u = t/t_1$, t_1 being the average duration of a quantum in absorbed state; v is the dimensionless velocity of the wave:

Card 1/3

Increase of radiation ...

S/185/62/007/010/007/020
D234/D303

$$J(u) = \frac{P}{v^2(1-a^2)} \left[Q_1 e^{-(u_0-u)v\sqrt{\alpha_1}} + Q_2 e^{-(u_0-u)v\sqrt{\alpha_2}} + Q_3 e^{-(u_0-u)v\sqrt{\alpha_3}} \right] \quad (9)$$

Here $a^2 = 1 - \lambda$, λ is the relative amount of scattered energy, $\alpha_1, \alpha_2, \alpha_3$ are the roots of

$$(a^2 + x^2)^2 + v^2 x^2 (1 + x^2)^2 = (x^2 + \alpha_1)(x^2 + \alpha_2)(x^2 + \alpha_3) \quad (7)$$

Q_1, Q_2, Q_3 depend on these roots, and on v and a . Simplified expressions are obtained for several special cases. If the velocity
Card 2/3

Increase of radiation ...

S/185/62/007/010/007/020
D234/D308

is 100 km/sec and the density $n = 10^{12} \text{ cm}^{-3}$ brightness increases e times in 10^{-5} sec near spectral line frequency. The above expression does not apply to rarefied media if the frequency is near that of a spectral line. The authors thank Professor S. A. Kaplan for the formulation of the subject of the paper.

ASSOCIATION: L'vivs'kyi derzhuniversytet im. Iv. Franka (L'viv State University im. Iv. Franko)

SUBMITTED: March 2, 1962

Card 3/3

NAUMOV, S.M.; NAUMENKO, V.Ya.; KRAVCHUK, A.N.

Effect of planting time on the grain yield of corn. Stor. nauch.
rab. Bel. otd. VBO no.3:210-212 '61. (MIRA 14:12)
(Brest Province--Corn (Maize))
(Planting time)

KAPLAN, S.A.; KRAVCHUK, A.N.
KAPLAN, S.A.; KRAVCHUK, A.N.

Statistical theory of gravitating systems. Dop. ta pov. L'viv.
un. no.7 pt.3:230-232. '57. (MIRA 11:2)
(Mechanics, Celestial)

KRAVCHUK, A.H.

Characteristics of intracranial complications in cancer of the middle ear. Vest. oto-rin. 17 no.6:22-25 N-D '55. (MIRA 9:2)

1. Iz kliniki bolezney ukha, gorla, i nosa (zav.--prof. I.V. Filatov) Arkhangel'skogo meditsinskogo instituta.

(EAR, MIDDLE, neoplasms,
metastases to brain)

(BRAIN, neoplasms,
metastases from middle ear)

KRAVCHUK, A.N.

Cancer of the gall bladder. Nov.ekhir.arkh. no.2:107 Kr-Ap '58
(MIRA 11:6)

1. Odesskiy meditsinskiy institut.
(GALL BLADDER--CANCER)

KRAVCHUK, A.N.

Free skin grafting in rhinoplasty following removal of an angioma.
Vest.oto-rin. 20 no.1:92 Ja-F '58. (MIRA 11:3)

1. Iz kliniki bolezney ukha, gorla i nosa (zav.-prof. I.V.Filatov)
Arkhangel'skogo meditsinskogo instituta.

(NOSE, neoplasms

angioma in inf., excis. & rhinoplasty with free skin
graft (Rus)

(ANGIOMA, in inf. & child

nose, surg., excis. & rhinoplasty with free skin graft (Rus)

(SKIN TRANSPLANTATION

free graft in rhinoplasty after excision of nose angioma
in inf. (Rus)

KRAVCHUK, A. N., Cand of Med Sci -- (diss) "Prolonged Phlebtonometry
and its Significance in Surgical Treatment," Odessa, 1959, 19 pp
(Odessa State Medical Institute Imeni N. I. Pirogov) (KL 4-60, 124)

KRAVCHUK, A.N.

Prognostic importance of phlebtonometry in surgery patients. Vrach.
delo no.9:951-953 S '59. (MIRA 13:2)

1. Fakul'tetskaya khirurgicheskaya klinika (zaveduyushchiy - prof.
Ya.M. Voloshin) pediatricheskogo i sanitarno-gigiyenicheskogo fakul'-
tetov Odesskogo meditsinskogo instituta i khirurgicheskoye otdeleniye
bol'nitsy Stalinskogo rayona g. Odassy.
(BLOOD PRESSURE) (OPERATIONS, SURGICAL)

KRAVCHUK, A.N.; LEYBIN, L.S. (Odessa)

Cyst of the sacrococcygeal region. Arkh. pat. 27 no. 12:
75-76 '65. (MIRA 18:12)

1. Fakul'tetskaya khirurgicheskaya klinika (zav. - prof. Ya. M. Voloshin) pediatricheskogo i stomatologicheskogo fakul'tetov Odesskogo meditsinskogo instituta imeni Pirogova i bol'nitsa (glavnyy vrach A.N. Kopanov) Zhovtnevskogo rayona Odessy. Submitted Dec. 7, 1964.

KRAVCHUK, A. P., starshiy nauchmyy sotrudnik

"Elochka" milking parlor. Nauka i pered.op.v sel'khoz. 9
no.9:62-64 S '59. (MIRA 13:2)

1. Krasnodarskiy nauchno-issledovatel'skiy institut sel'-
skogo khozyaystva.
(Milking machines)

KRAVCHUK, A.P., starshiy nauchnyy sotrudnik

Machinery and equipment for loose housing of cows. Zhivotnovod-
stvo 21 no.9:75-77 S '59. (MIRA 13:1)

1. Krasnodarskiy nauchno-issledovatel'skiy institut sel'skogo
khozyaystva.

(Milking)

KRAVCHUK, A.T.

Building a plow to work paddy fields. Sel'khoz mashina no.6:
13-15 Je '55. (MIRA 8:8)

(Plowing)

KRAVCHUK, A. T., Cand of Tech Sci -- (diss) "Study and Development of methods of plowing rice fields." Moscow, 1957, 21 pp, (All-Union Academy of Agricultural Sciences im Lenin; Joint Scientific Council of All-Union Scientific Research Institute of Mechanization of Agriculture; All-Union Scientific Research Institute of the Electrification of Agriculture), 120 copies (KL, 29-57, 91)

KRAVCHUK, A.T.

USSR/Cultivable Plants - Grains.

H-2

Abs Jour : Ref Zhur - Biol., No 5, 1958, 19787 D.
Author : Kravchuk, A.T.
Inst : All-Union Institute of the Mechanization of Agriculture
All-Union Institute of the Electrification of Agriculture.
Title : The Study and Development of Methods of Flowing Rice
Fields.
Orig Pub : Avtoref. dis. kand. tekhn. n., VASKHNIL. Ob'yedin. uchen.
sovet Vses. n.-i. in-ta mekhaniz. s. kh. i Vses. n.-i.
in-ta elektrifik. s. kh., Moskva, 1957.
Abstract : No abstract.

Card 1/1

KRAVCHUK, A.T., kand.tekhn.nauk; ULIN, I.I., red.; SAYTANIDI, L.D.,
tekhn.red.

[Mechanizer came to the farm] Mekhanizator prishel na fermu;
sbornik statei. Moskva, Izd-vo M-va sel'.khoz.RSFSR, 1961.
115 p. (MIRA 14:6)
(Stock and stockbreeding) (Farm mechanization)

ARIFOV, A.Ya., dotsent; KRAVCHUK, A.Ya.

Case of lymphostasis in hemophilia. Zdrav. Tadzh. 8 no.5:28-30
S-0 '61. (MIRA 15:1)

1. Iz gosspital'noy terapevticheskoy kliniki (zaveduyushchiy - doktor med.nauk, prof. Kh.Kh.Mansurov) i kliniki otorinolaringologicheskikh bolezney (zaveduyushchiy - dotsent L.O.Kal'shteyn) Stalinabadskogo medinstituta im. Abuali ibni Sino.
(HEMOPHILIA) (LYMPH)

6.9411

S/110/60/000/004/004/005
E073/E535

AUTHOR: Kravchuk, B. Ye., Engineer

TITLE: High Frequency Oscillations of the Voltage in Aircraft
d.c. Systems

PERIODICAL: Vestnik elektropromyshlennosti, 1960, No. 4, pp. 56-59

TEXT: The aim of the work was to determine experimentally the character of voltage changes after opening the circuit. The investigations were carried out in the control circuit using an aircraft type contactor and differing conductor lengths. The power source was a 3 kW dynamo with a voltage regulator. The transient phenomena were recorded by means of a two-beam oscillograph intended for non-recurrent phenomena with scanning durations between 3 μ sec and 2 msec. The signal from the investigated voltage was fed via a voltage divider to the deflecting plates of the oscillograph. The parameters of the voltage divider were so chosen that the investigated voltage should appear on the oscillograph screen without amplitude or frequency distortions. Two recordings are reproduced, in one (for which the scanning speed was lower) only the high frequency oscillations appear, Fig. 3. These constitute only a part of the entire process of the voltage changes recorded in the Card 1/3

S/110/60/000/004/004/005
E073/E535

High Frequency Oscillations of the Voltage in Aircraft d.c. Systems
oscillogram, Fig.2. The type of oscillations is influenced by the
type of contactor, the length of the conductors and the type of
network. Depending on these factors, the oscillation frequency
varied between 17 and 54 kc/s. Placing of the contactor into a
vacuum chamber did not bring about any change in the frequency of
the voltage oscillations. Using an experimental circuit, the
diagram of which is given in Fig.5, a further series of tests were
made to determine the influence of the dynamo circuit and of the
network on the voltage oscillations ($L_1 = L_2 = 0.3$ hy; $C_1 = C_2$
varied between 0 and $0.05 \mu F$). The results showed that changes in
the capacitance of the generator circuit did not influence the
frequency of the high voltage oscillations. However, the resonant
frequency of the network does affect the frequency of the voltage
oscillations; in the given experiments these varied between 50 and
10 kc/s. The following conclusions are arrived at:
1) High frequency oscillations occur during recovery of the voltage
on opening contacts of d.c. aircraft networks.
2) The frequency of these voltage oscillations are determined by the
resonant frequency of the disconnected circuit (17 to 55 kc/s).

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High Frequency Oscillations of the Voltage in Aircraft d.c. Systems

- 3) In designing filters for suppressing radio interference, the resonant frequency of the switched load circuits has to be taken into consideration.
- 4) With increasing resonant frequency of the load circuit, the attenuation coefficient δ increases. For control circuits with the tested contactor $\delta \approx 60 \cdot 10^3$ 1/sec.
- 5) Compared to linear inductances, coils with steel cores in the load circuits bring about an increase in the frequency of the high frequency voltage oscillations; in the investigated cases this increase was by a factor of three.
- 6) The oscillation frequency of the recovery voltage also depends on the capacitances and inductances of the distribution network. There are 7 figures and 7 references: 5 Soviet and 2 non-Soviet.

Card 3/3

LONDARAKO, B.V.; KRAVCHAK, D.V.

Tests to identify the role of the Soviet Union in the
study of conventional arms. D.D. 4 no. 10:504-531
D.V.S. (CIA 14:2)

1. Testimony of the investigation of the Soviet Union
D.D. K.I. 14:504-531.
(Project Valley - 14:504, D.D. 14:504)

КРАТКОЕ, Л.Н., изд., Л.Н.ИИИ, 1960, 100 л.

Using an electronic computer in automatic design of spur
gears. Mekh. i avtom. proizv. 19 no.9:31-33, 8, 1960.

(NIRA 18.9)

KRAVCHUK, E.

Exciting truth of life. Sov.foto. 19 no.8:63-66 Ag '59.
(Moscow--Exhibitions) (India--Photography) (MIRA 13:1)

BALANDIN, D.; KRAVCHUK, E.

Vicious circle. Sov. foto 19 no.10:72-73 0 '59.

(Photography--Equipment and supplies) (MIRA 13:1)

MEVCHUK, E.

Night of a surgeon. Sov. foto 21 no. 2:10-11 F '61.

(Photography, Artistic)

(MIA 14:2)

KRAVCHUK, E.; ZHUKOV, N., narodnyy khudoznik RSFSR

At out "Thursdays." Sov.foto 21 no.8:38-42 Apr '61. (MIRA 14:8)
(Photography--Societies, etc.)

KRAVCHUK, E.

Encounters with nature. Sov.foto 22 no.9:25 S '62.

(MIRA 15:8)

(Photography of animals)

KRAVCHUK, E.

Routine assignment. Sov. foto 22 no.12:7-9 D '62.
(MIRA 16:1)

(News photographers)

112-57-7-15360

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 7, p 222 (USSR)

AUTHOR: Kravchuk, E. M.

TITLE: Use of a Multivibrator for Measuring Purposes

(Ob ispol'zovanii mul'tivibratorov dlya izmeritel'nykh tseley)

PERIODICAL: Nauk. zap. Kiivs'k. derzh. ped. in-t, 1956, Nr 19, pp 171-179

ABSTRACT: Bibliographic entry.

Card 1/1

VOLOKUSHIN, H.M.; MOROZ, D.F.; BOLKHOVS'KIY, O.P.; KOVAL'OV, I.S.,
KRAYCHUK, F.I.; NEMENKO, L., redaktor; VUYEK, M., tekhnichniy
redaktor.

[New methods of organizing masonry] Novi metody orhanizatsii
muliars'kykh robit. Kyiv, Derzh.vyd-vo tekhnichnoi lit-ry UESR,
1954. 75 p. [Microfilm] (MLRA 8:2)
(Masonry)

KRAVCHUK, G.I.

Some physiological indices in people living under high mountain conditions. Zdrav.Tadzh. 9 no.3:26-28 My-Je '62. (MIRA 15:8)

1. Iz kafedry normal'noy fiziologii (zav. - dotsent O.G.Lorents)
Tadzhikskogo meditsinskogo instituta imeni Abuali ibni Sino.
(PAMIRS--ALTITUDE, INFLUENCE OF)

KRAVCHUK, G.I.

Characteristics of spring phenophase in Lvov Province. Geog.
zbir. no.7:137-139 '63. (MIRA 17:12)