KANARDOV, I. P., NOVIKOV, V. M.

Sewage Irrigation

Earth settling tanks in irrigation with sewage. Gidr. i mel. 4 no. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, July 1952, Uncl.

1. KANARDOV, I. P. - SUKHORUCHKIN, G. A., Eng.

2. USSR (600)

4. Water Pipes

7. Watering pipeline made from canvas. Gidr. i mel 4 no. 11, 1952

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

KANARDOV, I.P., kandidat sel'skokhozyaystvennykh nauk.

[Irrigation pipeline] Polivnoi truboprovod. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1953. 23 p. (MLRA 7:4)
(Pipelines) (Irrigation)

KANARDOV, I.P.

AUTHOR: Kanardov, I.P., Candidate of Agricultural Sciences

99-58-3-12/12

TITLE: All-Union Conference on the Utilization and Neutralization of Sewage Waters Used on Irrigated Fields. (Vsesoyuznoye soveshchaniye po ispol'zovaniyu i obezvrezhivaniyu stochnykh vod na zemledel'cheskikh polyakh orosheniya)

PERIODICAL: Gidrotekhnika i Melioratsiya, 1958, # 3, pp 62 - 64 (USSR)

ABSTRACT: The All-Union Conference on the Utilization and Neutralization of Sewage Waters on Irrigated Fields took place in Moscow from 7 to 11 January 1958. The conference was called by the Ministerstvo sel'skogo khozyaystva SSSR (Ministry of Agriculture of the USSR) together with the Nauchno-tekhnicheskoye obshchestvo sel'skogo i lesnogo khozyaystva (Scientific-Technical Society of Agriculture and Silviculture), Vserossiskoye nauchnoye obshchestvo gigiyenistov (All-Russian Scientific Society of Hygienists), and Nauchno-tekhnicheskoye obshchestvo gorodskogo khozyaystva i sanitarnoy tekhniki (Scientific-Technical Society of Municipal Administration and Sanitary Technics). A specially formed organizational Committee under the chairmanship of A.M. Levitskiy received 50 reports on

Card 1/3

All-Union Conference on the Utilization and Neutralization of Sewage Waters Used on Irrigated Fields

matters connected with the subject of the conference. These reports were printed and sent to all 328 members participating at the conference. A.M. Levitskiy read a paper on the importance of the use of sewage waters and on ways of further developing irrigation fields. Three more reports were read by: 1) I.P. Kanardov, Candidate of Agricultural Sciences, on "The Methods of Utilizing Sewage Waters in Kolkhozes and Sovkhozes of Urban Areas"; 2) Candidate of Technical Sciences, L.G. Demidov, on "The Experiences in Projecting Irrigated Fields", and 3) P.N. Matveyev, Candidate of Medical Sciences, on "Some Results and Prospects of Hygienical Studies on Questions of Neutralizing and Utilizing Sewage Waters of Kolkhozes and Sovkhozes". The foremost hygienists of the USSR - Professors S.N. Cherkinskiy (Moscow), R.A. Babayants (Leningrad) and V.M. Zhabotinskiy warned the conference, that extensive development of such irrigated fields are possible only under the conditions of a harmonious coordination of the interests of all economic branches. Several members of the conference critized the passive attitude of numerous organizations as pertaining to this question,

All-Union Conference on the Utilization and Neutralization of Sewage Waters Used on Irrigated Fields

and the absence of a head organization, which could take care of the financial part of this question. Professor I. Bauman (Humboldt University, Berlin, German Democratic Republic) acquainted the conference with work conducted in Germany on this subject. Sewage water, after mechanical purification, is widely used in Germany and does not cause bacterial contamination. The conference finally recommended that the executive committees of the Moscow, Leningrad, Kiyev, Khar'kov, Odessa and Kaliningrad Oblast's from now on prepare for an extensive projecting of sewage irrigation. It was also decided to ask the USSR Ministry of Agriculture to establish a special department in the Ministry which will deal exclusively with this matter.

AVAILABLE: Library of Congress

Card 3/3

L'VOVICH, A.I.; KANARDOV, I.P.; NOVIKOV, V.M.

Sewage irrigation fields and crop yields. Priroda 50 no.5:95-97 My '61. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki i melioratsii (Moskva).
(Sewage irrigation) (Vegetable crops—Irrigation)

KANARDOV, Ivan Petrovich, kand. sel'khoz. nauk; ZAGORSKIY, G., red.; POKHLEBKINA, M., tekhn. red.

[Sewage irrigation]Oroshenie stochnymi vodami. Moskva, Mosk. rabochii, 1962. 39 p. (MIRA 15:11)
(Sewage irrigation)

KANAREK, J.

KANAREK, J. Description of a Complex Halo Phenomenon of Febr. 22, 1948 at Deblin. Gazeta obserwatora PIHM, 1948, v. 1, no. 8, p. 11-13.

KANAREK J.

KANAREK, J.

Observations on rainbows in Deblin in 1954, p. 10. (GAZETA OBSERWATORA, P.I.H.M., Warszawa, Vol. 8, no. 2, Feb. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

KANAREK, J.

SCIENCE

Periodical: GAZETA OBSERWATORA. P.I.H.M. Vol. 11, no. 8, Aug. 1958.

KANAREK, J. Voice from the terrain. p. 2.

Monthly List of East European Acessions (EEAI), LC, Vol. 8, No. 3, May 1959
Unclass.

KANAREK, M.

11E

CA

The influence of vitamin C on the red blood cell sedimentation rate. H. Gledow and M. Kanarek (Akad. Med., Krakow, Poland). *Med. Weterynar.* 7, 728-9(1951).—Vitamin C exerts no decisive influence on red blood cell sedimentation. Guinea pigs with artificially induced vitamin C deficiency show an accelerated sedimentation rate.

I. Z. Roberts

KANAREK, T.

GRAMENITSKIY, I. M., IVANOVSKAYA, I. A., KANAREK, T., MARTYNOV, A. S., OKHRIMENKO, L.S., PROKESH, A., TIKHONOVA, L. A.

"Cross-Section of the Gerneration of π^0-Mesons in the Coulomb Field of the Xenon Nucleus at the Momentum of Primary π^--Mesons 9 Gev/C"

report presented at the Intl. Conference on High Energy Physics, Geneva, 4-11 July 1962

Joint Inst. for Nuclear Research
Lab. of High Energies, Dubna, 1962

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000620320013-4"

ACCESSION NR: AP4042562 S/0056/64/046/006/2023/2027

AUTHORS: Gramenitskiy, I. M.; Ivanovskaya, I. A.; Kanarek, T.; Okhrimenko, L. S.; Prokesh, A.; Tikhonova, L. A.

TITLE: Investigation of the reaction $\pi^- + Xe \rightarrow \pi^- + \pi^0 + Xe$ for 9 GeV/c primary negative pions

SOURCE: Zh. eksper. i teor. fiz., v. 46, no. 6, 1964, 2023-2027

TOPIC TAGS: pion, pion interaction, pi meson product, negative pi meson, neutral pi meson, xenon, Coulomb field

ABSTRACT: The production of negative and neutral pions in the interaction between negative pions and nuclei, with small momentum transfer to the recoil nucleus, was investigated in a xenon bubble chamber. The greatest interest in these reactions lies in the process of producing a neutral pion in a Coulomb field, for this reaction can yield information on the interaction between pions and gamma rays. The se-

Card 1/2

ACCESSION NR: AP4042562

lection criteria and the measurement procedures and the data reduction procedure are described in detail. An upper limit of 1.0 + 0.2 mb is estimated for the cross section for production of neutral pions in the Coulomb field of the xenon nucleus. This estimate does not agree with results by others and possible reasons for the discrepancy are suggested. "The authors are grateful to Ye. V. Kuznetsov for calling their attention to the topic, to M. I. Podgoretskiy and A. S. Marty*nov for helpful discussion, and to the staff of technicians that took part in the scanning and measurement." Orig. art. has: 3 figures and 4 formulas.

ASSOCIATION: Ob"yedinenny*y institut yaderny*kh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: 19Jan64 DATE ACQ: ENCL: 00

SUB CODE: NP NR REF SOV: 003 OTHER: 003

Card 2/2

KANAREK, T.

GRAMENITSKIY, I. M., IVANOVSKAYA, I. A., KANAREK, T., MARKOV, A. S., OKHRIMENKO, L. S., PROKESH, A., STRUGALSKIY, Z. S., TYUKOVA, L. A. and CHUVILO, I. V.

"Neutral Strange Particles Production on Xenon Nuclei in the 9 Gev/C π^- Meson Beam"

report presented at the Intl. Conference on High Energy Physics, Geneva, 4-11 July 1962

Joint Institute for Nuclear Research
Laboratory of High Energies

GRAMENITSKIY, I.M.; IVANOVSKAYA, I.A.; KANAREK, L.; [illegible], I.S.; PROKESH, A.; TIKHONOVA, L.A.

Study of the reaction $\pi^+ + Xe \rightarrow \pi^- + \pi^0 + Xe$ involving 9 Gev./c primary π^--mesons. Zhur.eksp.i teor.fiz. 46 no.6:2023-2027 Je '64.

Ob"yedinennyy institut yadernykh issledovaniy.

(MIRA 17:10)

DUSHEV, Todor. Dots.; KANAREV, G. ad.

Low-growing mulberry trees. Prir i znanie 14 no.2:1-3 '61.
(EEAI 10:7)

1. VSI #V. Kolarov-Plovdiv.
(Mulberry)

KANAREV, Georgi, st. asist.

Voltinism in silkworms, and methods for its regulation.
Priroda Bulg 12 no. 5: 83-85 S-O '63.

1. Vissh selskostopanski "V. Kolarov", Plovdiv.

KANAREV, Georgi, st. asistent

Silkworms. Prir i znanie 17 no.4:11-12 Ap '64.

1. Higher Agricultural Institute, Plovdiv.

27656

S/024/61/000/004/014/025
E140/E135

16.8000 (1031, 1013, 2702)

AUTHOR: Kanarev, L.Ye. (Leningrad)

TITLE: On the theory of optimal processes

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Energetika i avtomatika, 1961, No.4, pp.120-129

TEXT: This paper considers processes which are defined as optimal when the generating point of the locus in the phase plane passes from a given initial point to the origin in minimal time. Two theorems are proved, and discussed.
Theorem 1. Each trajectory (defined by a certain system of differential equations in n-dimensional space) emerging from the origin of coordinates, along which the generating point moves opposite to the true motion, on which the function defining the control force takes on only extremal values and changes sign not more than n-1 times, is optimal. This is stated to be an "obvious consequence" of Pontryagin's principle of the maximum.

Card 1/2

27656

On the theory of optimal processes S/024/61/000/004/014/025
E140/E135

Theorem 2. If the initial state of the generating point exists (on certain "semitrajectories"), the number of changes of sign of the optimal control function is exactly known and does not exceed n-1, n being the dimension of the phase space.
The article concludes with illustrative examples of the theory.

There are 2 Soviet references.

SUBMITTED: April 24, 1961

Card 2/2

ZUBOV, Vladimir Ivanovich. Prinimala uchastiye ZUBOVA, A.F.; KANAREV, L.Ye., retsenzent; GRIGOR'YEV, Ye.P., nauchnyy red.; SACHUK, N.A., red.; KONTOROVICH, A.I., tekhn. red.

[Vibrations in nonlinear and controlled systems] Kolebaniia v nelineinykh i upravliaemykh sistemakh. Leningrad, Sudpromgiz, 1962. 630 p. (MIRA 15:6)
(Vibration) (Automatic control)
(Differential equations)

ACCESSION NR: AP4028976 S/0280/64/000/002/0065/0074

AUTHOR: Kanarev, L. Ye. (Leningrad)

TITLE: Synthesizing time-optimum control

SOURCE: AN SSSR. Izvestiya. Tekhnicheskaya kibernetika, no. 2, 1964, 65-74

TOPIC TAGS: automatic control, automatic control synthesis, time optimum automatic control, time optimum control synthesis

ABSTRACT: The method is based on plotting the regions of the phase space where the time-optimum control does not change sign. A control process is considered which can be described by the type of differential equation $\frac{d\bar{x}}{dt} = A\bar{x} + \bar{b}u$, where $\bar{x}$ is a vector of the n-dimensional phase space X^n, A is a constant matrix with real eigenvalues, $\bar{b}$ is a constant vector; $u \in U$ is a quantity that characterizes the control $|u| \leq 1$. The structure of the controllability region of this

Card 1/2

ACCESSION NR: AP4028976

system is considered. A general solution is obtained for a certain class of third-order linear systems. A method for constructing the switching surface for a special class of n-th order systems is suggested. Orig. art. has: 38 formulas.

ASSOCIATION: none

SUBMITTED: 23May63 ATD PRESS: 3054 ENCL: 00

SUB CODE: IE NO REF SOV: 002 OTHER: 000

Card 2/2

ACCESSION NR: AP4044830 S/0280/64/000/004/0113/0118

AUTHOR: Kanarev, L. Ye.(Leningrad); Reznikov, I. P. (Leningrad)

TITLE: A particular problem of optimal control

SOURCE: AN SSSR. Izvestiya. Tekhnicheskaya kibernetika, no. 4, 1964, 113-118

TOPIC TAGS: automation, control system, optimalizing system, optimal control, control system oscillation

ABSTRACT: The author considers the control problem when the controlled object has an oscillatory characteristic. Part of the control action is used to remove the oscillations, the remainder providing the fastest possible action of the variable and thus of the system. First a set of linear differential equations is written, which could be interpreted as an idealized set for aircraft flight with an inertialess rudder, and then the case is considered when the characteristic equation has an imaginary root, a condition being derived for fastest possible response. The author then shows that in many practical problems, the design of an optimalized control for an oscillatory system may be replaced by that of an aperiodic system, especially when an aperiodic control

1/2

Card

ACCESSION NR: AP4044830

system is desired. The method is illustrated by a numerical example. Orig. art. has: 3 figures and 23 equations.

ASSOCIATION: none

SUBMITTED: 23Aug63 ENCL: 00 SUB CODE: IE

NO REF SOV: 002 OTHER: 000

2/2
Card

L 3596-66 EWT(d)/EPF(n)-2/EWP(v)/EWP(k)/EWP(h)/EWP(l) LJP(c) WW/BC
ACCESSION NR: AP5021959 UR/0280/65/000/004/0163/0168

AUTHOR: Bedrov, Ya. A. (Leningrad); Kanarev, L. Ye. (Leningrad)

TITLE: A method for the successive synthesis of a fast optimum response control

SOURCE: AN SSSR. Izvestiya. Tekhnicheskaya kibernetika, no. 4, 1965, 163-168

TOPIC TAGS: algorithm, optimal control, linear differential equation, analog computer, automatic control theory

ABSTRACT: The speed with which a control system acts is one of the basic quality criteria of its operation. The authors investigate the synthesis of optimum (with respect to speed) controls for objects described by systems of linear differential equations with constant coefficients. For systems of arbitrary order containing a single control organ they propose in the case of real roots of the characteristic equation a method for the successive synthesis of the optimum control and an algorithm of the synthesis suitable for continuously acting (analog) computers. Orig. art. has: 37 formulas.

ASSOCIATION: none

SUBMITTED: 23Aug63 ENCL: 00 SUB CODE: DP, MA, IE

NO REF SOV: 003 OTHER: 000

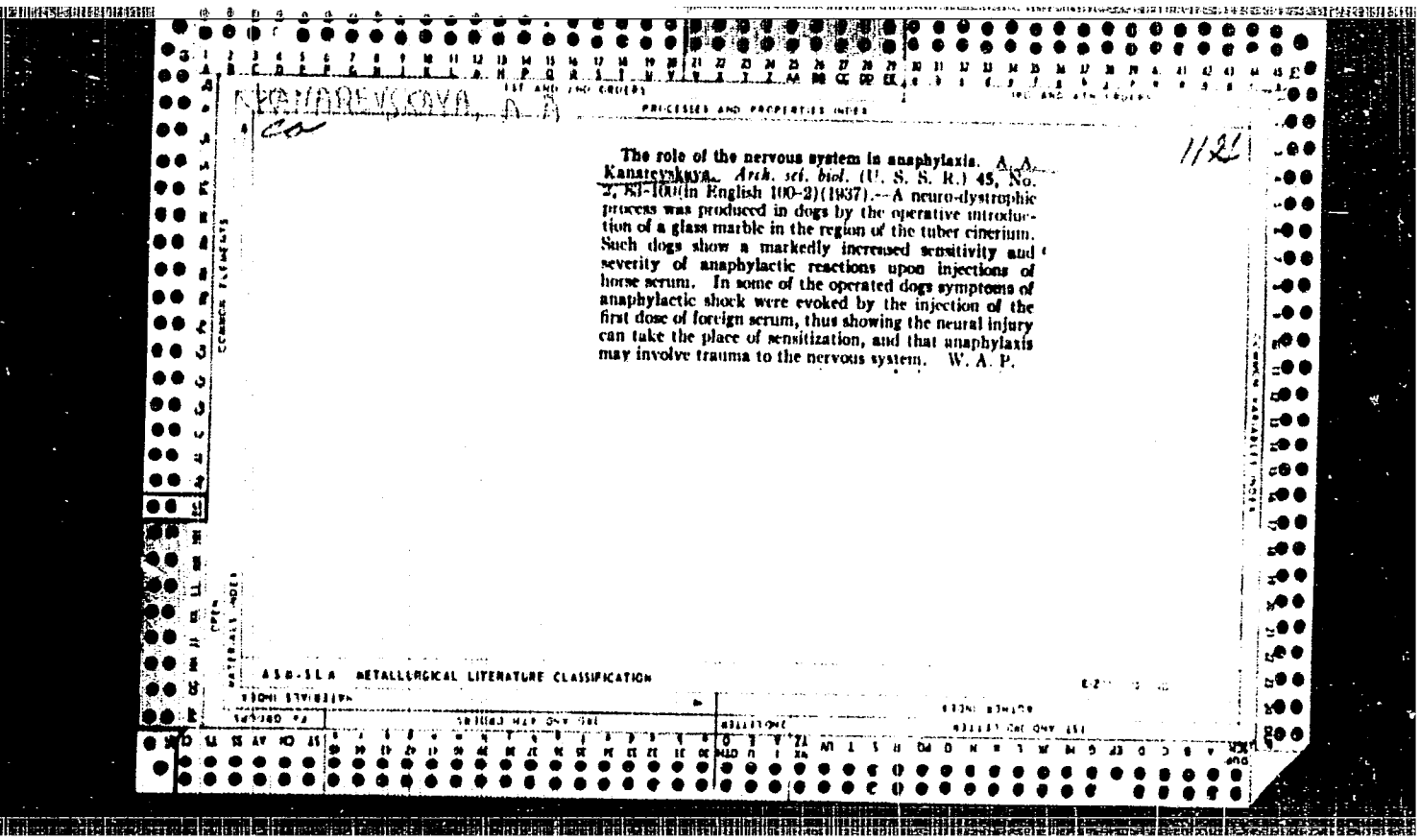
Card 1/1

KANAREV, V.D.

Tobacco Workers

Preparation of qualified tobacco growers Tabak 13, No. 3, 1952

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED



The role of the nervous system in anaphylaxis. A. A. Kanatevskaya. *Arch. sci. biol.* (U. S. S. R.) 45, No. 2, 83-100 (in English 100-2) (1937).—A neuro-dystrophic process was produced in dogs by the operative introduction of a glass marble in the region of the tuber cinerium. Such dogs show a markedly increased sensitivity and severity of anaphylactic reactions upon injections of horse serum. In some of the operated dogs symptoms of anaphylactic shock were evoked by the injection of the first dose of foreign serum, thus showing the neural injury can take the place of sensitization, and that anaphylaxis may involve trauma to the nervous system. W. A. P.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

KOZLOVA, Anna Vasil'yevna, professor; VOROB'YEV, Yevgeniy Ivanovich; KAHAREVSKAYA, A.A., redaktor; MARGULIS, U.Ya., redaktor; SACHEVA, A.I., tekhnicheskiy redaktor

[Clinical and therapeutic aspects of injuries caused by atomic bomb explosions] Klinika i lechenie povrezhdenii voznikaiushchikh pri vzryve atomnoi bomby. Moskva, Gos. izd-vo med. lit-ry, 1956. 94 p. (MLRA 9:11)

(ATOMIC BOMB--PHYSIOLOGICAL EFFECT)

LETAVET, A.A., red.; KANAREVSKAYA, A.A., red.; KHAMIDULLIN, R.S., red.; POGOSKINA, M.V., tekhn. red.; MIRONOVA, A.M., tekhn. red.

[Toxicology of new industrial chemical compounds] Toksikologiia novykh promyshlennykh khimicheskikh veshchestv. Pod red. A.A.Letaveta i A.A.Kanarevskoi. Moskva, Medgiz. No.2.[Toxicology of new industrial chemical compounds] Toksikologiia epoksidnykh smol i nekotorykh metallov. 1961. 181 p. No.3. [Toxicology of organosilicon compounds] Toksikologiia kremniiorganicheskikh veshchestv. 1961. 125 p. (MIRA 15:4)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Letavet).

(EPOXY RESINS--TOXICOLOGY)
(SILICON ORGANIC COMPOUNDS--TOXICOLOGY)

KANAREVSKAYA, A.A.

Toxicology of new chemical substances used in the production of synthetic fibers (enant, nitron, capron). Toks. nov. prom. khim. veshch. no.1:3-11 '61 (MIRA 16:8)
(TEXTILE FIBERS, SYNTHETIC) (CHEMICALS—TOXICOLOGY)

L 18091-63 EWP(j)/EPF(c)/EWT(m)/BDS ASD Pc-4/Pr-4 RM/WW/MAY
ACCESSION NR: AT3004516 S/2948/61/000/003/0005/0010

66
64

AUTHOR: Kanarevskaya, A. A.

TITLE: A review of data on the toxicology of organosilicon compounds

SOURCE: AMN SSSR. Toksikologiya novy*kh promy*shlenny*kh khimicheskikh veshchestv, no. 3, 1961, 5-10

TOPIC TAGS: organosilicon compound , toxicology, toxicology of organosilicon compound , exposure to vapor, chlorosilane

ABSTRACT: Investigations were conducted during 1950-1960 on the toxicology of organosilicon compounds by the laboratory of industrial toxicology, Instituta gigieny* truda i profzabolevaniy AMN SSSR (Institute of Labor Hygiene and Professional Diseases of the Academy of Medical Sciences, SSSR). Experimental data were obtained for establishing allowable concentrations (in the air) of vapors of such new industrial chemicals as alkyl- and aryl-chlorosilanes, alkylaryl-chlorosilanes, and chloroarylsilanes. The general toxic effect on animals for the entire group was a pronounced irritation of the skin and the mucous membranes

Card 1/3

L 18091-63
ACCESSION NR: AT3004516

of the eyes and respiratory ducts. Since those symptoms subsided after 2-3 weeks of exposure, it was assumed that habit formation had occurred. Then examination of factory workers exposed to organosilicon compound vapors revealed atrophy of the nasal mucosa in some of them. Chronic exposure of animals for periods of 6-12 months indicated the establishment of some kind of compensatory phenomena on the part of the organism. Organosilicon compounds were found to be more toxic than $SiCl_4$, the aryl-derivatives had a higher toxicity than the alkyl-derivatives, and the incorporation of chlorine increased the toxicity. The organosilicon compounds also had an injurious effect on the liver, kidneys, and the vascular and nervous systems (as established by histological studies). It was found that while the irritating properties of the organosilicon compounds were due to the effect on the tissues of the unchanged molecule as such, the injurious effect on the internal organs was caused by the molecule's decomposition products, mainly those of hydrolitic cleavage. Monomers were found to be much more toxic than polymers. The permissible safe concentration for most organosilicon compounds was set at 0.001 mg/l, the safety margin for trichlorosilane amounting to 0.002 mg/l and for phenyltrichlorosilane to 0.003 mg/l. Concentrations exceeding these were found in some plants, and medical examination of the workers estab-

Card 2/3

L 18091-63
ACCESSION NR: AT3004516

2

lished irritation of mucous membranes, some cases of atrophy, and disturbances in the nervous and cardiovascular systems. It is recommended that new technical compounds should from now on be investigated in laboratories of technological institutes before being put to work in industries. G. N. Zayeva proposed a rapid method for determining the margin of safety of new organic compounds by the evaluation of the toxicity of their homologues. It is also suggested that attention should be given to the therapy of lesions caused by organosilicon compounds. /Abstracter's note: The work reviewed by A. A. Kanarevskaya is presented in a series of original papers on pp. 11-101 of this very journal./

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 21Aug63 ENCL: 00

SUB CODE: CH NO REF SOV: 002 OTHER: 000

Card 3/3

KANAREVSKAYA, A.A.

Toxicology of a group of new substances used in the production of synthetic materials, in the aniline dye industry and others. Toks.nov.prom.khim.veshch. no.4:3-8 '62. (MIRA 16:1)
(CHEMICALS—TOXICOLOGY)

KANAREVSKAYA, A.A.

"Adaptation" and sensitization to some new industrial chemical substances. Toks.nov.prom.khim.veshch. no.4:167-180 '62.
(MIRA 16:1)
(CHEMICALS—TOXICOLOGY)

LAVROVA, A.P., kand. tekhn. nauk; GNOYEVOY, P.S., inzh.; KALENOVA, M.S., starshiy nauchnyy sotrudnik; GUSEVA, A.N., mladshiy nauchnyy sotrudnik; MOROZOVA, L.I., mladshiy nauchnyy sotrudnik; KHARITONOV, V.A., inzh.; KANAREVSKIY, A.A., inzh.; MAZYAKIN, A.V., insh.; LISHFAY, V.M., inzh.; IL'YASHENKO, M.A., kand. veter. nauk; RYNDINA, V.P., inzh.; LOGINOVA, M.M., mladshiy nauchnyy sotrudnik; CHUDINA, S.A., mladshiy nauchnyy sotrudnik; TRUDOLYUBOVA, G.B., starshiy nauchnyy sotrudnik; KARGAL'TSEV, I.I., assistent; MIKHAYLOVA, A.Ye., mladshiy nauchnyy sotrudnik; KARPOVA, V.I., mladshiy nauchnyy sotrudnik; MERKULOVA, V.K., mladshiy nauchnyy sotrudnik; POLETAYEV, T.N., mladshiy nauchnyy sotrudnik

Study of the heat treatment conditions of smoked and cooked sausage. Trudy VNIIMP no.16:24-63 '64. (MIRA 18:11)

1. Kafedra tekhnologii Moskovskogo tekhnologicheskogo instituta myasnoy i molochnoy promyshlennosti (for Kargal'tsev).

Kanareykin A.V.

RUBA, A.M., kand. tekhn. nauk; KANAREYKIN, A.V., inzh.

Cold but welding under pressure. Energetik 5 no.10:30-34 O '57.
(Welding) (MIRA 10:12)

28784
S/094/61/000/009/001/001
E202/E435

1.2300

AUTHOR: Kanareykin, A.V.

TITLE: Cold butt welding of copper and aluminium rods

PERIODICAL: Promyshlennaya energetika, no.9, 1961, 43-46

TEXT: Cold (pressure) welding unit type KA-10 for butt welding of aluminium or copper rods is described. One of the rods is fixed in a stationary chuck, while the other is fixed in a moving impact chuck which is then pressed against the stationary rod. The two protruding ends meet and are partially welded as a result of the compression. For a complete penetration this operation should be repeated a number of times. Rods of circular, square or rectangular cross-sections may be welded in this manner. Joints between aluminium and copper are also possible. The working parameters are as follows: max compressing force 15 tons; minimum recommended cross-section of the work is about 10 mm^2; max cross-section up to about 100 mm^2 for Al and about 60 mm^2 for Cu. Destructive testing of these welds including UTS, torque and bend tests showed that failures occurred always outside the welded zone. A routine quality control consists of bending through 30 to 45° and straightening back. This should leave the joint intact

Card 1/2

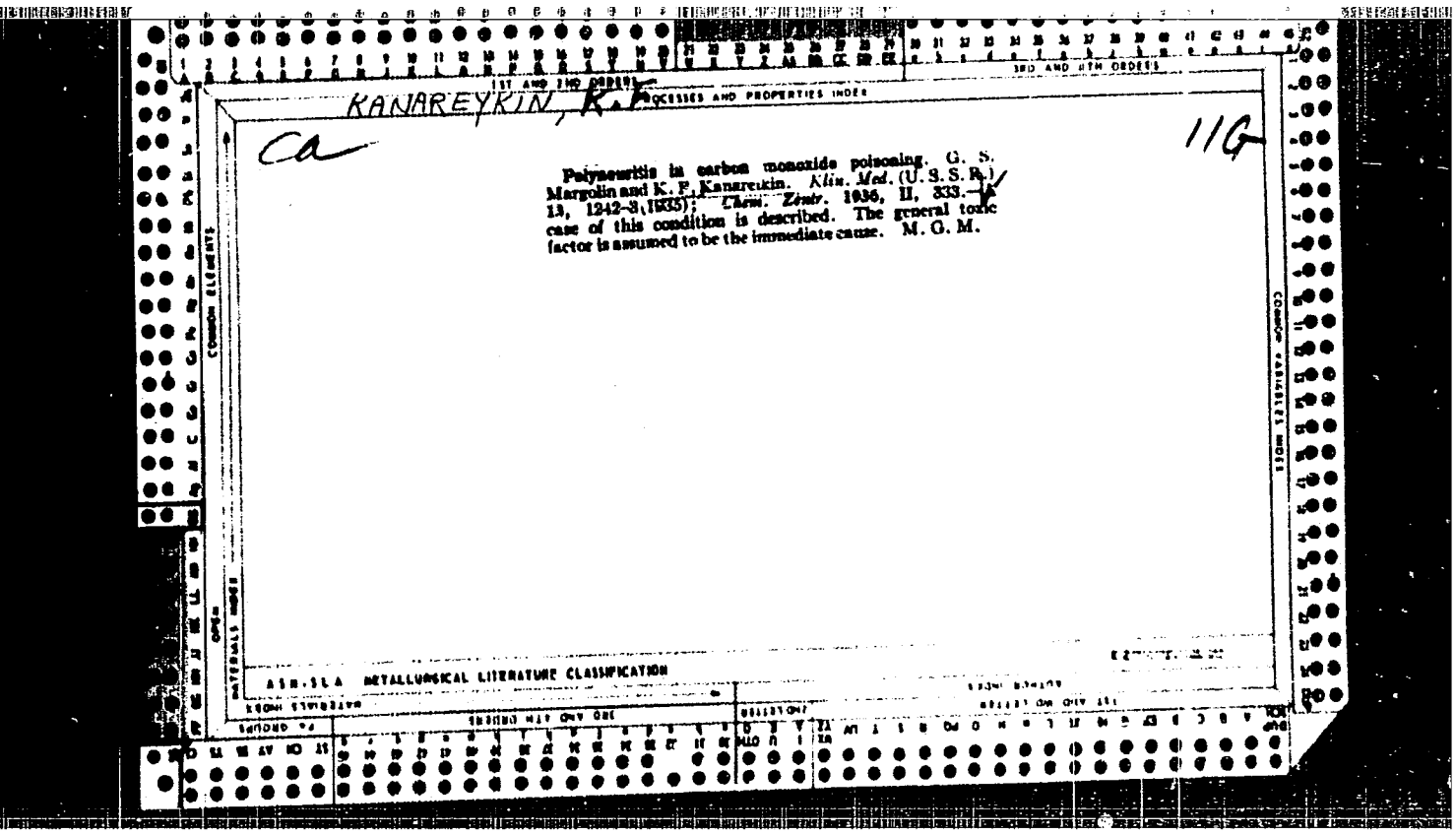
Cold butt welding of copper ...

and free of any cracks or tears. The complete welding unit is energized by a 1.7 kw motor and is in the form of a cabinet on wheels. A trimming guillotine is also included. The unit was developed in the NIIKP. There are 4 figures.

Card 2/2

KANAREYKIN, B.A.

Possibilites of seismic prospecting using the reflection method in the study of wedging-out layers under conditions of the West Siberian Plain. Trudy SNIIGGIMS no. 30:39-53 '64.
(MIRA 19:1)



KANAREYKIN, K.F.

Ca

11G

Polyneuritis in carbon monoxide poisoning. G. S. Margolin and K. F. Kanareykin. *Klin. Med.* (U. S. S. R.) 13, 1242–3 (1935); *Chem. Zentr.* 1936, II, 333.—A case of this condition is described. The general toxic factor is assumed to be the immediate cause. M. G. M.

KANAREYKIN, K. F.

"Gunshot Wounds of the Sciatic Nerve." Dr Med Sci, (No inst given) Minsk, 1952. (KL, No 5, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

KANAREYKIN, K.F., MD. Col. Med. Serv.

"A New Handbook on Nervous Diseases," [S. I. Karchikyan, Nervous' Diseases. Handbook for Military Surgeons, 551 pp., 1956]

KANAREYKIN, K.F., doktor meditsinskikh nauk; KUNICHEV, L.A.

"Sochi" the all-Union health resort." M.M.Shikhova. Reviewed by K.F.Kanareikin, L.A.Kunichev. Vop.kur.fizioter. i lech.fiz.kul't. 21 no.2:70-72 Ap-Je '56. (MLRA 9:9)
(SOCHI--THERAPEUTICS, PHYSIOLOGICAL)
(SHIKHOVA, M.M.)

KANAREYKIN, K.F.; TURGEL', K.Yu.

Some problems in the clinical aspects of endarteritis obliterans and its treatment at the Sochi-Matsesta health resort. Vop.kur.fizioter. i lech.fiz.kul't. 21 no.4:64-69 O-D '56. (MIRA 9:12)

1. Iz sanatoriya imeni Fabritsiusa, Sochi.
(ARTERIES--DISEASES)
(SOCHI--THERAPEUTICS, PHYSIOLOGICAL)

KANAREYKIN, K.F., polkovnik med. sluzhby, doktor med. nauk; KARASEV, I.T., polkovnik med. sluzhby

Role of balneological factors in the compound therapy of neuroses in sanatoria and health resorts. Voen.-med. zhur. no.6:41-43 Je '57. (MIRA 12:7)

(NEUROSES, therapy
balneol. (Rus))
(BALNEOLOGY, in var. dis.
neuroses (Rus))

KANAREYKIN, K.F., polkovnik meditsinskoy sluzhby, doktor med.nauk

New handbook of nervous diseases ["Nervous diseases" by S.I. Karchikian. Reviewed by K.F.Kanareikin]. Voen.-med.zhur. no.8: 90-94 Ag '57. (MIRA 10:12)
(NERVOUS SYSTEM--DISEASES)
(KARCHIKIAN, S.I.)

KANAREYKIN, K.F., polkovnik med.sluzhby, doktor med.nauk

Timely diagnostic problems in closed injuries of the braine. Voen. med.zhur. no.9:9-13 S '57. (MIRA 11:3)
(BRAIN, wounds and injuries, closed, diag. (Rus)

17(14) SOV/177-58-1-6/25

AUTHOR: Kanareykin, K.F., Doctor of Medical Sciences, Colonel of the Medical Corps

TITLE: Results of the Surgical Treatment of Injuries to the Sciatic Nerve (O rezul'tatakh khirurgicheskogo lecheniya raneniy sedalishchnogo nerva)

PERIODICAL: Voyenno-meditsinskiy zhurnal, 1958, Nr 1, pp 22-26 (USSR)

ABSTRACT: According to reports of physicians, including A.L. Polenov, G.A. Rikhter, B.G. Yegorov, D.G. Shefer, post-operative restoration of damaged nerves succeeds in 35 to 80% of cases. A.L. Polenov, A.V. Bondarchuk, and V.V. Semenova-Tyan-Shanskaya concluded that operating on the sciatic nerve is less successful than operating on other nerves. The most important factor in all cases is a timely treatment of the wounded nerves. N.N. Burdenko, V.P. Ovechkin and Briskman successfully carried out neurolysis during World War II. In 56.4% of the cases, the sciatic nerve

Card 1/2

was partially restored. In cases of intratruncal scars or nerves, neurolysis was always performed without success, and a radial operation - a suturation - became necessary. In 15-90% of cases, N.N. Burdenko, N.I. Grushenko, and M.G. Ignatov sucessfully sutured the nerve. From various investigations and case histories the author indicates that a restoration of neural functions occurs not only by true regeneration but also by complex reorganizational processes, conditioned by the high plasticity of the nervous system. The operation only stimulates the restorative mechanisms of the neural functions.

KANAREYKIN, K.F., doktor med.nauk, polkovnik meditsinskoy sluzhby

Classification of hysterias. Voen.-med.zhur. no.6:39-46 Je '59. (MIRA 12:9)

(HYSTERIA
classif., review (Rus))

KANAREYKIN, K.F., doktor med. nauk (Moskva)

Causalgia syndrome. klin. med. 37 no.5:98-106 My '59. (MIRA 12:8)
(NEURALGIA, manifest.
sciatic nerve causalgia (Rus)).

KANAREYKIN, K.F. (Moskva)

Pathogenesis and clinical aspects of reflex disorders in foot injuries.
Zhur.nevr.i psikh. 59 no.10:1243-1247 '59. (MIRA 13:3)
(FOOT wds. & inj.)
(PARALYSIS etiol.)
(CONTRACTURE etiol.)

KANAREYKIN, K.F., polkovnik meditsinskoy sluzhby, doktor med.nauk

Diagnosis of the neurosis of obsessive states and psychasthenia.
Voen.-med.zhur. no.4:39-42 Ap '60. (MIRA 14:1)
(OBSESSIONS)

22026

S/177/61/000/001/001/010
D211/D306

27.3000

AUTHOR: Kanareykin, K.F., Colonel of Medical Services, Doctor of Medical Sciences

TITLE: Some questions concerning the organization of neuropsychiatric aid in conditions of modern warfare

PERIODICAL: Voyenno-meditsinskiy zhurnal, no. 1, 1961, 15 - 19

TEXT: In the author's opinion, the number of casualties in a modern war requiring the aid of neuropathologists and psychiatrists will be much larger than during previous wars, especially in cases of brain injuries combined with radiation illness, injuries to internal organs and to the bones. Neuropathologists and psychiatrists will need not only to determine the extent of brain injuries, but also those of main limb nerves which are often accompanied by open wounds. Early determination of limb nerve injuries is hindered by the fact that their occurence is in most cases accompanied by bone fractures which require the use of immobilizing dressings. The

Card 1/3

S/177/61/000/001/001/010
D211/D306

Some questions concerning ...

slow healing of wounds and fractures serves as a clue to nerve injuries. The use of antibiotics will permit neural operations in the case of open wounds, even in the presence of osteomyelytic processes or 2-3 weeks after the wounds have healed. This opinion was already expressed by several neuro-surgeons during World War II /Abstractor's note: Names not given/. Special departments should be organized in hospitals for treating such casualties, and neuropathologists should be trained in performing operations of limb-nerves as well as minor skull operations. Should the enemy use mass destruction weapons, there would be a great increase of psychic injuries, such as neurosis and reactive psychosis which occur due to great emotional strains and shocks. Care should be taken of casualties with hysteria symptoms, as these are often the result of brain injuries, although sometimes they develop from inherent hysterical neurosis. The first category of patients is cured comparatively easily; the second requires prolonged treatment. The segregation of

Card 2/3

S/177/61/000/001/001/010
D211/D306

Some questions concerning ...

casualties with brain injuries will be the task of neuropathologists, responsible for diagnosing the main injury and for sending casualties to suitable hospitals. For classification of internal brain injuries, the author recommends a book by S.I. Karchikyan (Nervnyye bolezni. Rukovodstvo Dlya voyennykh vrachey (Nervous Diseases. Handbook for Military Surgeons) Izd. VMOLA, 1956, p. 14) who divided internal brain injuries into 5 categories: Internal brain injuries with 1) slight or heavy concussion; 2) symptoms of focal injuries; 3) symptoms of increasing brain compression; 4) stupor and neurotic symptoms; 5) skull fractures. The author points out that this classification is a schematic one and there may exist many more complex cases such as internal brain injuries with irradiation injuries or with internal injuries of the body or with open wounds. There are 3 Soviet-bloc references.

SUBMITTED: August 1960

Card 3/3

KANAREYKIN, K.F., polkovnik meditsinskoy sluzhby, doktor meditsinskikh nauk

Some clinical forms of infectious lumbosacral radiculoneuritis.
Voen.-med.zhur. no.9:44-46 S '61. (MIRA 15:10)
(NEURITIS, MULTIPLE)

KANAREYKIN, K. F., doktor med. nauk (Moskva)

Lumbar pain. Klin. med. no.9:139-144 '61. (MIRA 15:6)

(BACKACHE)

KANAREYKIN, K.F.; KURILENKO, I.S. (Moskva)

Clinical variations of writers' spasm. Zhur. nerv. i psikh. 61 no. 1:62-66 '61. (MIRA 14:4)

(WRITERS' CRAMP)

KANAREYKIN, K. F.

"Psychiatry and the Source of Their Concepts" - p. 87

Voyenno Meditsinskiy Zhurnal, No. 10, 1962

KANAREYKIN, K.F., doktor med.nauk; SHUL'TSEV, G.P., doktor med.nauk (Moskva)

Interrelation between clinical specialities (with the example of neuropathology and therapy). Klin.med. no.9:23-27 '62. (MIRA 15:12)

(NEUROLOGY) (THERAPEUTICS)

KANAREYKIN, K.F.; KURILENKO, I.S.

Catammestic data on patients with transitory disorders of the cerebral circulation. Zhur. nevr. i psikh. 62 no.1:32-35 '62; (MIRA 15:4)
(CEREBROVASCULAR DISEASES)

KANAREYKIN, K.

"Manual on neurology. Vol. 5: Tumors of the nervous system."
Reviewed by K.Kanareikin. Zhur. nevr. i psikh. 62 no.4:626-630 '62.
(NERVOUS SYSTEM--TUMORS)

KAHAREYKIN, L.F. (Moskva)

Histological types of intra-trunk neuroma. Arkh. pat. 25 no.3: 29-34 '63. (MIRA 17:12)

KANARKYKIN, K.F.; KURILENKO, I.S. (Moskva)

Characteristics of oneiroid states in disorders of cerebral circulation. Zhur. nevr. i psikh. 63 no.4:478-481 '63.
(MIRA 17:2)

KANAREYKIN, K.F.; KURILENKO, I.S. (Moskva)

Clinical aspects of associated lesions of the main vessels of the head. Zhur. nevr. i psikh. 64 no.2:161-165 '64.
(MIRA 17:5)

KANAREYKIN, K.F., polkovnik meditsinskoy sluzhby, prof.

Sanatorium and health resort treatment of neuroses. Voen.-med. zhur. no.6:12-16 '54. (MIRA 18:5)

KANAREYKIN, K.F., prof., doktor med.nauk

Present state of the theory on neuroses; a review of the literature. Voen.-med.zhur. no.1:17-21 '65. (MIRA 18:10)

KANAREYKIN, K.F.; KURILENKO, I.S. (Moskva)

Clinical aspects of blood circulation disorders in the abdominal aorta. Zhur. nevr. i psikh. 65 no.10:1498-1501 '65.
(MIRA 18:10)

KANAREYKIN, K.V.; ZAV'YALOV, S.A. (Sochi)

Experience in the treatment of lumbosacral radiculitis with Matsesta hydrogen sulfide baths of high concentration. Vop. kur., fizioter. i lech. fiz. kul't 30 no.5:441-444 S-O '65.
(MIRA 18:12)

KATOMIN, B.N.; CHIGRINOV, M.G.; KANAREYKIN, N.F.; ZUBAREV, A.G.

Practice of continuous pouring of killed carbon steel in wide slabs. Metallurg 9 no.2:12-14 F '64. (MIRA 17:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii im. I.P.Bardina i Novolipetskiy metallurgicheskiy zavod.

KANAREYKIN, V.

Benefits for servicemen from the Armed Forces of the U.S.S.R. Sots. trud 5 no.5:132-137 My '60. (MIRA 13:11)
(Veterans--Employment)

SIVINTSEV, Yu.V.; ARUTINOV, O.M.; KANAREYKIN, V.A.

Determining natural radioactivity of the human organism. Med. rad. 10 no.11:66-71 N '65. (MIRA 19:1)

1. Submitted May 11, 1964.

SIVINTSEV, Yu.V.; ARUTINOV, O.V.; KANAREYKIN, V.A.

Correlation between K^{40} content in the organism of man and its constitution. Radiobiologiia 5 no.5:763-765 '65.
(MIRA 18:11)

1. Institut atomnoy energii imeni I.V.Kurchatova, Moskva.

KANAREYKINA, N.P.

27677. Materialy po vozrastnoy izmenchi vosti zheltoshcheka elopichthus bambusa (Rich.). Byulleten' mosk. O-va ispytateley prirody, otd. Biol., 1949, Vyp. 4, s. 44-46. ---Bibliogr: 5 nazv.

SO: Knizhnaya Letopis, Vol. 1, 1955

KHEYFETS, L.B.; KHAZANOV, M.I.; KANAREYKINA, S.K.

Immunological effectiveness and reactogenic properties of a polyvaccine containing novocaine. Zhur.mikrobiol.epid.i immun. 32 no.2:101-106 F '61. (MIRA 14:6)

1. Iz Moskovskogo instituta vaktsin i syvorotok imeni Mechnikova.
(VACCINES) (NOVOCAINE)

BOGATCHEV, I., kand.tekhn.nauk; GORSHKOLEPOV, V.F., inzh.; KAMARSKAYA, L.A., inzh. (Rostov-na-Donu)

Conclusions from a survey of the operations of sections with centralized traffic control. Zhel.dor.transp. 41 no.7: 57-62 Jl '59. (MIRA 12:12)
(Railroads--Train dispatching)

KANARSKAYA, Ye. N.

USSR/Chemistry - Synthetic Fibers May/Jun 52

"The Mutual Conversion of Cyclic and Linear Polymers," I. Calorimetric Investigation of the Polymerization Reaction of ε-Caprolactam," S. M. Skuratov, A. A. Strepikheyev, Ye. N. Kanarskaya, Thermochem, Lab, Sci Res Chem Inst, Moscow State U

"Kolloid Zhur" Vol XIV, No 3, pp 185-191

The above process is one of the reactions of synthesis and destruction of high-mol compds which has been studied very little, but which has acquired great technological importance (Ryauzov, Gruzdyev, Artemenko, "Technology of Sythetic Fibers," Gizleprom, 1949) and which also plays a role in nature. A differential calorimeter was constructed to measure the kinetics and thermal effect ofprocesses of this type, which are of long duration and proceed with evolution of little heat. Quantities of activator (water) a nd temp were varied. The heat effect of the polymerization reaction of caprolactam was measured.

217T15

KANARSKAYA, Z. N.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
General and Physical Chemistry

(4) clam

Mutual transformation of rings and linear polymers. I. Calorimetric investigation of the polymerization reaction of ε-caprolactam. S. M. Skuratov, A. A. Strepikheev, and Z. N. Kanarskaya (Moscow State Univ.). *Colloid J. (U.S.S.R.)* 14, 207–14(1952)(Engl. translation).—See *C.A.* 46, 1506c. H. L. H.

KANARSKAYA, YE, N. 21 Oct 52

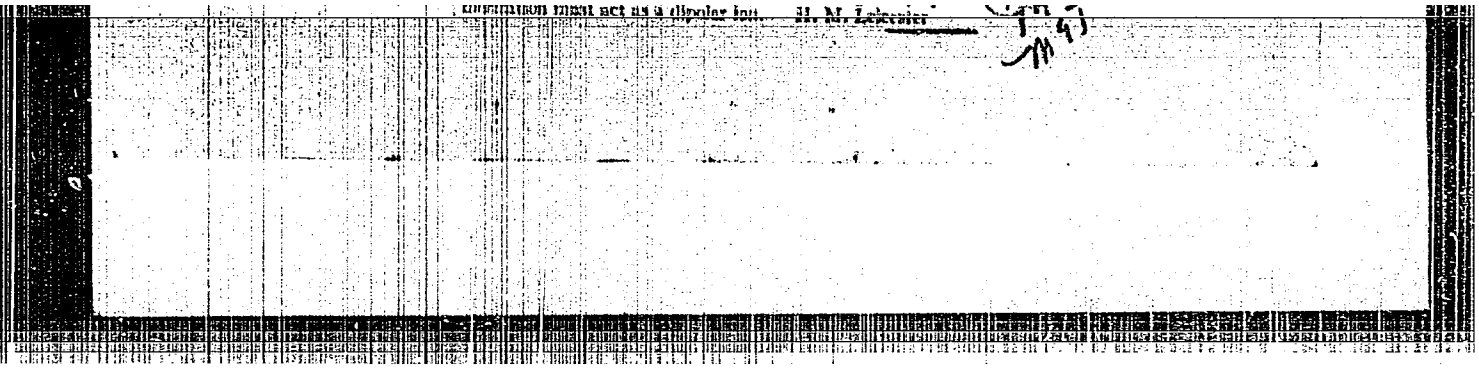
USSR/Chemistry - Synthetic Fibers

"The Kinetics and Heat Effect in the Polymerization Reaction of Caprolactam," S.M. Skuratov, A. A. Strepikheyev, V. V. Voyevodskiy, Ye. N. Kanarskaya, Moscow State U imeni M. V. Lomonosov

"Dok Ak Nauk SSSR" Vol 86, No 6, pp 1155-1158

The polymerization reaction of caprolactam was carried out in a specially made calorimeter and the kinetic and heat effect of the reaction studied. A formula is derived for the rate of the reaction at any point in the temp range of 200-240°. Presented by Acad N. N. Semenov 27 Aug 52. PA 234T35

The mechanism and kinetics of polymerization of ε-caprolactam. S. M. Skuratov, A. A. [illegible], V. V. Voevodskii, E. N. Kanarskaya, and R. S. Muromova. CH



KANARSKAYA Ye.N.

SKURATOV, S.M.; VOYEVODSKIY, V.V.; STREPIKHEYEV, A.A.; KANARSKAYA, Ye.N.; MUROMOVA, R.S.

Catalysis of the reaction of polymerization of ε-caprolactam by bases. Dokl.AN SSSR 95 no.5:1017-1020 Ap '54. (MLRA 7:4)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna Institut khimicheskoy fiziki Akademii nauk SSSR. Predstavleno akademikom V.N.Kondrat'yevym. (Polymers and polymerization) (Caprolactam)

KANARSKAYA, Z. P.

IIP

CA

Content of ribonucleic acid in cells during mitosis. I. B. Levinson and Z. P. Kanarskay (Moscow State Univ.). *Doklady Akad. Nauk S.S.S.R.* 58, 2067–70(1947).—Specimens of neuroblasts of bee larva brain, epithelial cells of axolotl and mouse and basal skin layer of frog were studied histologically. In initial stage of mitosis ribonucleic acid decreases and basophilic properties of the nucleus increase; then the nucleus loses its identity and ribonucleic acid appears in the cell fluid and at the beginning of the metaphase very little of it is present in the cell. In telophase ribonucleic acid gradually rises in the protoplasm and at the time of regeneration of the nucleus it reaches normal level. Thymonucleic acid follows a reverse of this pattern.
G. M. Kosolapoff

* Zoology Inst.

KANARSKIY, I.A.; FROLOV, G.A.

Changing the design of the valve lubricator.
Sbor.rats.predl.vnedr.v proizv. no.1:54-55 '61. (MIRA 14:7)

1. Chelyabinskiy truboprokatnyy zavod.
(Lubrication and lubricators)

NECHIPORENKO, V.P., inzh.; KANARSKIY, N.A., inzh.

Reconditioning guiding wheel rims of the DT-54 tractor.
Mashinostroenie no. 2:89-90 Mr-Ap '64. (MIRA 17:5)

KANARSKIY, V.F., inzh.

Limiting the height reached by waves breaking on the flat slopes of earth structures. Gidr.stroi. 30 no.7:38-39 Jl '60. (MIRA 13:7)
(Waves) (Hydraulic structures)

KANARSKIY, V.F., inzh.

Designing reinforced-concrete facing slabs of earth structures for wave impact. Gidr.stroi. 31 no.5:37-41 My '61. (MIRA 14:6)
(Earthwork) (Reinforced concrete construction)

JAKOB, Wiktor; HEJMO, Emilia; KANAS, Aleksandra

Inorganic oximes. Pt.1. Rocz chemii 37 no. 7/8:703-709 '63.

1. Department of Inorganic Chemistry, Jagiellonian University, Krakow.

JAKOB, Wiktor; HEJMO, Emilia; KANAS, Aleksandra

Studies on inorganic oximes. Roczn chemii 38 no. 1:135-136 '64.

1. Department of Inorganic Chemistry, Jagiellonian University, Krakow.

KANAS, V.

"New trends and methods in the construction of high-voltage electric substations."

p. 74 (Energetika) Vol. 8, no. 2, Feb. 1958.
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

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[General electric engineering] Uldine elektrotekhnika. By Esop, H.i dr. Tallin, Eesti Riikiik Kirjastus, 1954. 948 p. (MIRA 15:1)
(Electric engineering)

KANASENKO, F. Cand. Vet. Sci.

"Treatment of Endometritis with Lactic Acid Microbes," Veterinariya, No.3, 1948.

Stavropol' Agric. Inst.

VOYNA, M.; KANASH, M.; KURDESOV, P.; GOLDUNOV, K.

This does not only concern us... Sov.profsoiuzy [8] no.3:29-30 F '60. (MIRA 13:2)

1. Brigada kommunisticheskogo truda instrumental'no-shtampovochnogo tsekha Minskogo avtozavoda.
(Minsk--Automobile industry)
(Efficiency, Industrial)

1. [illegible], Z., [illegible], M., ARUTYUNOVA, L.

2. USSR (600)

4. Cotton

7. Methods for increasing the yield potential of seeds and the technological properties of cotton fibers, kavodstvo No. 6, 1951.

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

KANASH, M.

USSR/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing. M-5

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29892

Author : Minko, D., Kanash, M., Turks, L.
Inst : -
Title : Ways of Improving the Quality of the Fiber of Soviet Cotton Varieties.

Orig Pub : Khlopkovodstvo, 1957, No 10, 33-37.

Abstract : No abstract.

Card 1/1