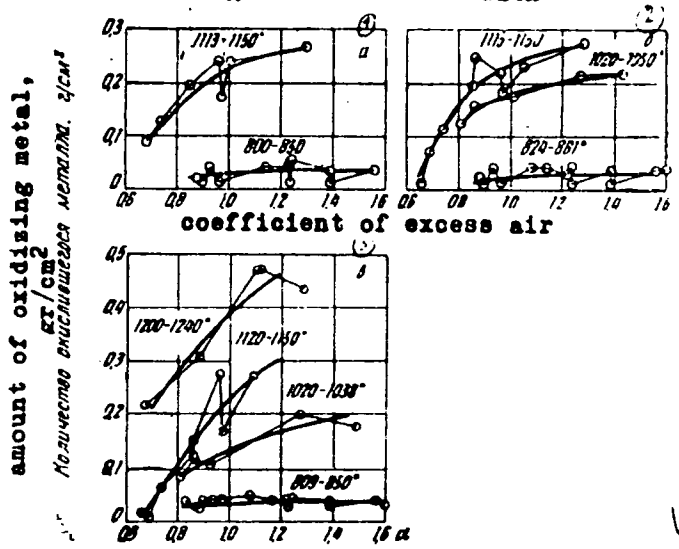
S/133/61/000/002/009/014
A054/A033

Oxidation and Decarbonization of Steels in Heating Furnaces Fired With Natural Gas

Figure 1:

Relationship between the oxidation of carbon steels and the coefficient of excess air.

1- steel СТ-2 (St-2), holding time 60-67 min.; 2- steel 45, holding time 58-65 minutes; 3- steel У7(U7), holding time 59-67 min.; figures on the curves = metal temperatures, °C.



Card 7/11

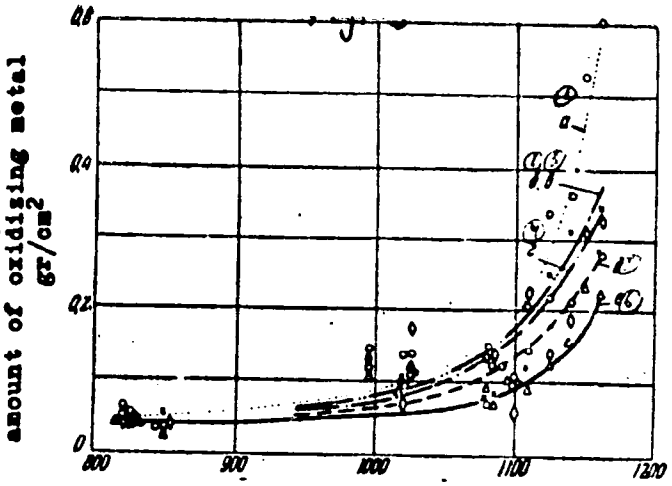
S/133/61/000/002/009/014
A054/A033

Oxidation and Decarbonization of Steels in Heating Furnaces Fired With Natural Gas

Figure 3:

Effect of the heating temperature of the metal on its cinder losses.

1- steel 60C2A(60S2A); 2- 45; 3-30XГСА(30KhGSA); 4-ШХ15 (ShKh 15); 5-50ХН (50 KhN); 6-У7 (U7); holding time for each case 60-66 min., coefficient of excess air 0.78-0.89.



Card 8/11

S/133/61/000/002/009/014
A054/A033

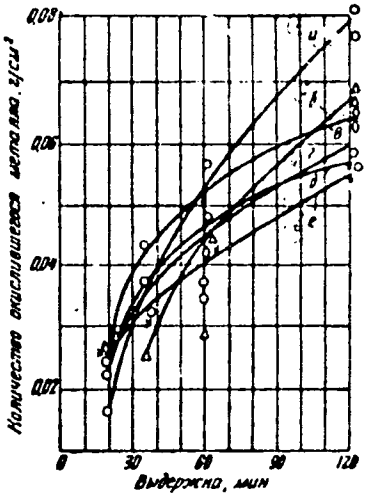
Oxidation and Decarbonization of Steels in Heating Furnaces Fired With Natural Gas

Figure 4:

Effect of the holding time of metal during heating on its losses due to cindering.

1- steel 60S2A; 2- U7; 3- ShKh15; 4- 45; 5- 50KhN; 6- 30KhGSA; heating temperature for all cases: 830-850°C, coefficient of excess air: 0.78-0.89.

amount of oxidizing metal, gr/cm²



Holding time, min.

Card 9/11

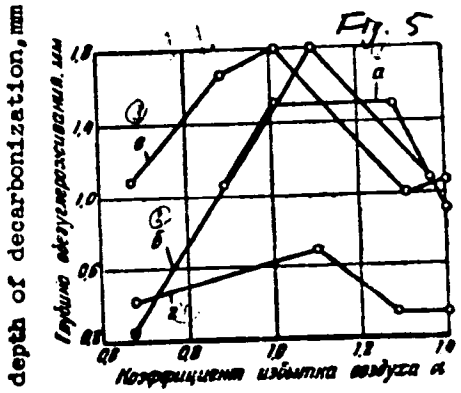
S/133/61/000/002/009/014
A054/A033

Oxidation and Decarbonization of Steels in Heating Furnaces Fired With Natural Gas

Figure 5:

Relationship between the total depth of decarbonization of steel and the coefficient of excess air.

1- steel 45; 2- 50KhN; 3- U7; 4- ShKh15; heating temperature 1200°C, holding time 60 min.



Coefficient of excess air

Card 10/11

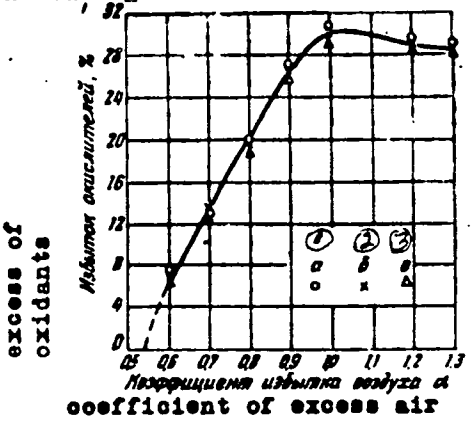
S/133/61/000/002/009/014
A054/A033

Oxidation and Decarbonization of Steels in Heating Furnaces Fired with Natural Gas

Figure 7:

Relationship between the total excess oxidants-as compared with the equivalent amount- in the combustion products of natural gas and the coefficient of excess air.

1- at 800°C; 2- 1000°C; 3- 1200°C.



Card 11/11

SHKLYAR, F. R.; TIMOFEYEV, V. N.; Prinimali uchastiye: PAKHALUYEV, K. M., inzh.; KOROLEV, N. M., inzh.; CHEREMNYKH, V. I., laborant; GERASIMOV, G. I., laborant; ROMANTSEVA, E. P., laborant; RUZHENTSEVA, T. M., laborant

Experimental investigation of the regenerative heat exchange process. Sbor. nauch. trud. VNIIMT no.8:119-136 '62. (MIRA 16:1)

(Air preheaters—Testing)
(Heat—Transmission)

TIMOFEYEV, V. N.; SHKLYAR, F. R.; PALTUSOVA, K. I.; Prinimali uchastiye: PAKHALUYEV, K. M., inzh.; IZMAYLOV, O. A., inzh.; DHUSOVITIN, A. M., inzh.; GORDEYEV, S. V., inzh.; RUZHENTSEVA, T. M., laborant; GERASIMOV, G. I., laborant

Aerodynamics of blast furnace air preheaters. Sbor. nauch. trud. VNIIMT no.8:302-347 '62. (MIRA 16:1)

(Blast furnaces)
(Air preheaters—Aerodynamics)

TRAYANOV, G.G.; PAKHALUYEV, K.M.; BLOKHIN, Ye.P.

Test characteristics of certain burners for the combustion of natural gas. Gaz. prom. 7 no.4:23-28'62 (MIRA 17:7)

PAKHALUYEV, K.M.; KOROLEV, N.M.; ZHURKIN, V.S.; SOBOLEV, A.A.

Experience in the operation of a holding furnace with uncooled hearth supports. Stal' 22 no.12:1135-1136 D '62. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metallurgicheskoy teplotekhniki i zavod "Krasnyy Oktyabr'."
(Furnaces, Heating)

PAKHALUYEV, K.M.; KUZOVNIKOV, A.A.; NOVIK, G.P.; BORODIN, V.P.; SOBOLEV, [illegible] A.; ZUBKOVA, N.M.

Industrial operation of holding furnaces fired by natural gas for direct low-oxidation heating. Stal' 25 no.10:957-961 O '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metallurgicheskoy teplotekhniki i zavod "Krasnyy Oktyabr'".

PAKHALUYEV, Konstantin Mikhaylovich, inzh.; BORODIN, Viktor Pavlovich, inzh.; DARMANYAN, Petr Emmanuilovich, inzh.; SOLGANIK, G.Ya., vedushchiy red.; POLOSINA, A.S., tekhn.red.

[Use of natural gas in metallurgical furnaces] Primenenie prirodnogo gaza v metallurgicheskikh pechakh; opyt stalingradskogo zavoda "Krasnyi Oktiabr'." Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 110 p. (MIRA 12:10)

(Gas, Natural) (Metallurgical furnaces)

N/5
740.1
.P1

PAKHALUYEV, KONSTANTIN MIKHAYLOVICH

Svarshchik Nagrevatel'nykh pechey (The heating furnace welder, by)
K. M. Pakhaluyev i K. V. Urushev.
Sverdlovsk, Metallurgizdat, 1954.
183 p. diagrs., tables.
bibliography: p. (179).

BASKAKOV, A. P.; VERSHININA, V. S.; LUBOCI, A. P.; PAKHALUYEV, V. M.

"Heat transfer and vertical heat conductivity of a packing fluidized bed of fine-grained material."

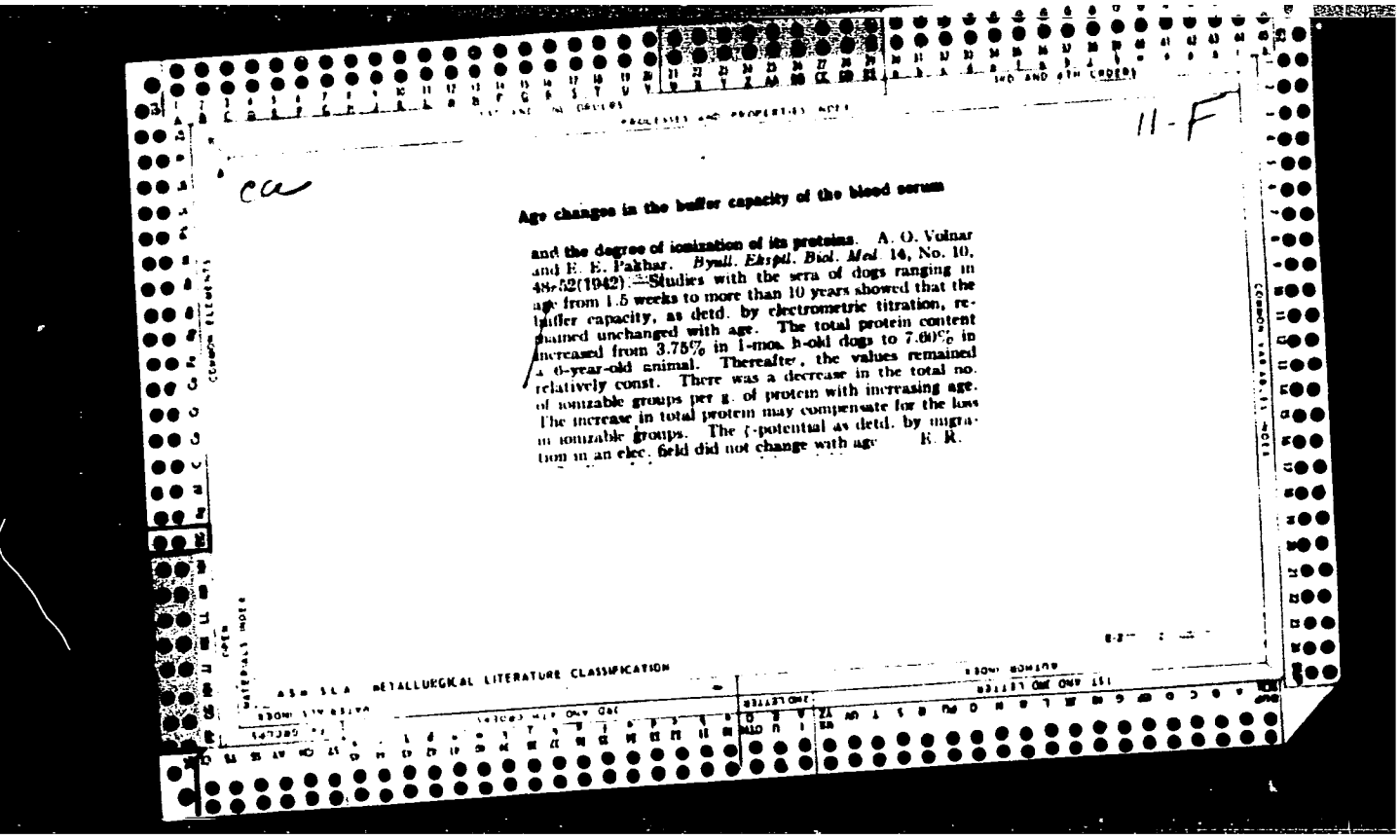
report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12 May 1964.

Ural' Branch, AS USSR.

PAKHANOV, A. M., IVANOV, V. Y., GOLOVA, P., ANDRIYEVSKAYA, E. A., and KRILOVA, P. S.

"Thermal degradation of polysaccarides," a paper presented at the 7th Congress on the Chemistry and Physics of High Polymers, 28 Jan-2 Feb 57, Moscow, Forest Research Inst.

B-3,084,385



11-F

ca

Age changes in the buffer capacity of the blood serum and the degree of ionization of its proteins. A. O. Volnar and E. E. Pakhar. *Byull. Eksptl. Biol. Med.* 14, No. 10, 48–52(1942).—Studies with the sera of dogs ranging in age from 1.5 weeks to more than 10 years showed that the buffer capacity, as detd. by electrometric titration, remained unchanged with age. The total protein content increased from 3.75% in 1-mos. h-old dogs to 7.60% in a 6-year-old animal. Thereafter, the values remained relatively const. There was a decrease in the total no. of ionizable groups per g. of protein with increasing age. The increase in total protein may compensate for the loss in ionizable groups. The ζ-potential as detd. by migration in an elec. field did not change with age. E. R.

METALLURGICAL LITERATURE CLASSIFICATION

GORDIYENKO, P.A., starshiy nauchnyy sotrudnik; FEDOTOV, V.I., inzh.-laborant; SHIL'NIKOV, V.I., mladshiy nauchnyy sotrudnik; BUYNITSKIY, V.Kh., doktor geograf.nauk, red.; PAKHAREVA, M.M., red.; DROZHZHINA, L.P., tekhn.red.

[Materials of the Soviet Antarctic Expedition, 1955-] Materialy Sovetskoi antarkticheskoi ekspeditsii, 1955- . Leningrad, Izd-vo "Morskoi transport." Vol.11. [Ice cover of the shore waters of eastern Antarctica] Ledianoi pokrov pribrezhnykh vod Vostochnoi Antarktidy. 1960. 116 p. (MIRA 14:2)

1. Sovetskaya antarkticheskaya ekspeditsiya, 1955- .
(Antarctic regions--Russian exploration)

KLEPIKOV, V.V., kand. geogr. nauk; MOROSHKIN, K.V.; BOGOYAVLENSKIY, A.N.; NAZAROV, V.S.; MAKSIMOV, B.A.; ZHIVAGO, A.V.; BRODSKIY, K.A.; KOLTUN, V.M.; ANDRIYASHEV, A.P.; PAKHAREVA, M.M., red.; KOTLYAKOVA, O.I., tekhn. red.

[Transactions of the Soviet Antarctic Expedition] Trudy Sovetskoi antarkticheskoi ekspeditsii, 1955. Leningrad, Izd-vo "Morskoi transport." Vol.22. [Third Sea Expedition of the diesel-electric ship Ob', 1957-1958; observational data] Tret'ia morskaia ekspeditsiia na d/e "Ob'" 1957-1958 gg.; materialy nabliudenii. Pod red. V.V.Klepikova. 1961. 233 p. (MIRA 14:11)

1. Sovetskaya antarkticheskaya ekspeditsiya, 1955.
(Antarctic regions—Oceanographic research)

GORDIYENKO, P.A., st. nauchnyy sotr.; FEDOTOV, V.I., inzh.-laborant; SHIL'NIKOV, V.I., mlad. nauchnyy sotr.; BUYNITSKIY, V.Kh., doktor geogr. nauk, red.; PAKHAREVA, M.M., red.; DROZHZHINA, L.P., tekhn.red.

[Transactions of the Soviet Antarctic Expedition, 1955-] Trudy Sovetskoi antarkticheskoi ekspeditsii, 1955-. Leningrad, Izd-vo "Morskoi transport. Vol.11.[Ice cover of the coastal waters of eastern Antarctica]Ledianoi pokrov pribrezhnykh vod Vostochnoi Antarktidy. Pod red. V.Kh.Buinitskogo. 1960. 116 p. (MIRA 16:3)

1. Sovetskaya antarkticheskaya ekspeditsiya, 1955-.

(Antarctic regions--Sea ice)

PAKHARYEVA, N.A. i NORKINA, S.S.

28311

Oriyentirovochnoye obslyedo vaniye rastyeniy vologodskoy na sodyerzhaniye alkaloidov. Uchyen, Zapiski (Vologod, Pyed. In-T Im Molotova). T.V, 194[illegible] S. 209-23-Bibliogr: 9 Nazv.

SC.LETOPIS NO. 34

PAKHAREVA, N. A.

"Investigation of the alkaloids of Thalictrum simple x L." S. S. Norkina and N. A. Pakhareva (p. 1720)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1950, Vol 20, No 7.

88303
S/041/60/012/004/004/011
C111/C222

16.7600
AUTHORS: Pakhareva, N.A., and Lyashko, I.I.

TITLE: On the Solution of Filtration Problems by the Method of Majorant Regions

PERIODICAL: Ukrainskiy matematicheskiy zhurnal, 1960, Vol. 12, No. 4, pp. 402 - 411

TEXT: The method of majorant regions due to M.A. Lavrent'yev and M.V. Keldysh and extended by G.N. Polozhiy(Ref. 1,4,5) and others is applied to concrete problems of the plane theory of filtration in homogeneous and heterogeneous media.
To every stationary plane ground-water movement in a homogeneous medium which satisfies the linear law of Darcy, there corresponds a complex potential by which all essential filtration characteristics can be expressed. The rate of filtration $\vec{v}$ and the consumption of fluid Q by an arbitrary contour in the plane of filtration are given e.g. by

$\vec{v} = \frac{dw}{dz}$, $Q = \int_L \frac{\partial \Psi}{\partial s} ds = [\Psi]_L$ where $w = \varphi + i\Psi$ is the

88303
S/041/60/012/004/004/011
C111/C222

On the Solution of Filtration Problems by the Method of Majorant Regions

mentioned potential. Since the usual determination of w with the aid of the conformal mapping often causes great difficulties, Polozhiy proposed the construction of auxiliary regions (majorant regions) in which the sought filtration characterisitc can be determined relatively easy and which give least upper and greatest lower bounds for the real value of the sought magnitude. The authors use this method for the following two cases:
1. for the determination of the outlet velocities of the fluid for a filtration below a two-grooved floodbed with deep-set apron at various bottom marks of the upstream and downstream water in a permeable layer of infinite depth (fig. 1) and
2. for the determination of the discharge through an earthwork weir with mattress type drainage on a permeable base of finite depth (fig. 3)

Card 2/4

88303

S/041/60/012/004/004/011
C111/C222

On the Solution of Filtration Problems by the Method of Majorant Regions

Fig. 1

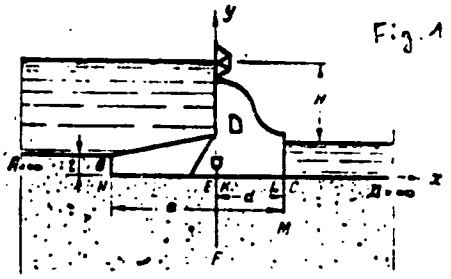
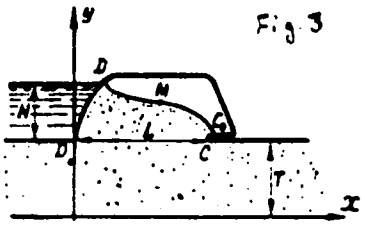


Fig. 3



If in the case 1. H is the level difference of the water level and k is the coefficient of filtration then, in a numerical example ($a = 4$, $d = 3$, $t = \frac{1}{8}$), for the outlet velocity $v|_c$ of the filtration the authors find the limits

$$0.1529\ kH < v|_c < 0.1886\ kH\ ;$$

Card 3/4

On the Solution of Filtration Problems by the Method of Majorant Regions

by a use of the mean value, that yields an error of $\approx$ 10%. In the second case, with the same notations, in an example (T = 8H, L = 4H) the authors find

$$0.7428\ kH < Q < 1.0652\ kH$$

(the error is less than 17.83%).
Then the authors consider the filtration without backwater from a channel of arbitrary cross section in a porous zonally heterogeneous soil (stratified). In this case the complex potentials are the p-analytic functions investigated chiefly by Polozhiy (Ref. 4) ; this permits to extend the method of the majorant regions also to this case (it is assumed that the coefficient of filtration k(x,y) is a continuously differentiable function the derivatives of which satisfy the Hölder conditions.)
The authors mention N.Ye. Zhukovskiy and V.T. Chernoval.
There are 7 figures and 10 Soviet references.

SUBMITTED: April 7, 1959

Card 4/4

41450

S/044/62/000/009/018/069
A060/A000

11.3810

AUTHORS: Kiyashko, A. M., Pakhareva, N. A.

TITLE: Topological theorems in the calculus of variations on elliptic systems of differential equations

PERIODICAL: Referativnyy zhurnal, Matematika, no. 9, 1962, 51, abstract 9B247 (In collection: "Issled. po sovrem. probl. teorii funktsiy kompleksn. peremennogo". Moscow, Fizmatgiz, 1961, 466 - 468)

TEXT: Let u_1 and v_1 be the solution of the elliptic system

$$au_x + bu_y - v_y = 0, \qquad (1)$$
$$du_x + cu_y + v_x = 0,$$

satisfying in the domain D_1 (where D_1 is a curvilinear parallelogram ABDC) the boundary conditions

$$u_1|_{AB} = 0, \quad u_1|_{DC} = H = \text{const} > 0,$$
$$v_1|_{AD} = 0, \quad v_1|_{BC} = Q = \text{const} > 0,$$

Card 1/3

Topological theorems in the...

$w_1 = f_1(z) = u_1 + iv_1$ is the complex potential corresponding to the domain D_1, $u_1 = u_1(x, y) = \text{const}$ are potential lines, $v_1 = v_1(x, y) = \text{const}$ are the flow lines, $|\nabla u_1| = \sqrt{u_{1x}^2 + u_{1y}^2}$. The two-sided variation of the domain D_1 is considered, i.e. the variation for which the sign of variation of the function u_1, v_1, ∇u_1 is unknown, the domain obtained as result of the variation is denoted as D_2, $w_2 = f_2(z) = u_2 + iv_2$ is its corresponding complex potential. The quantity

$$K\nabla(P) = \left|\frac{\nabla u_2(P)}{\nabla u_1(P)}\right|,$$

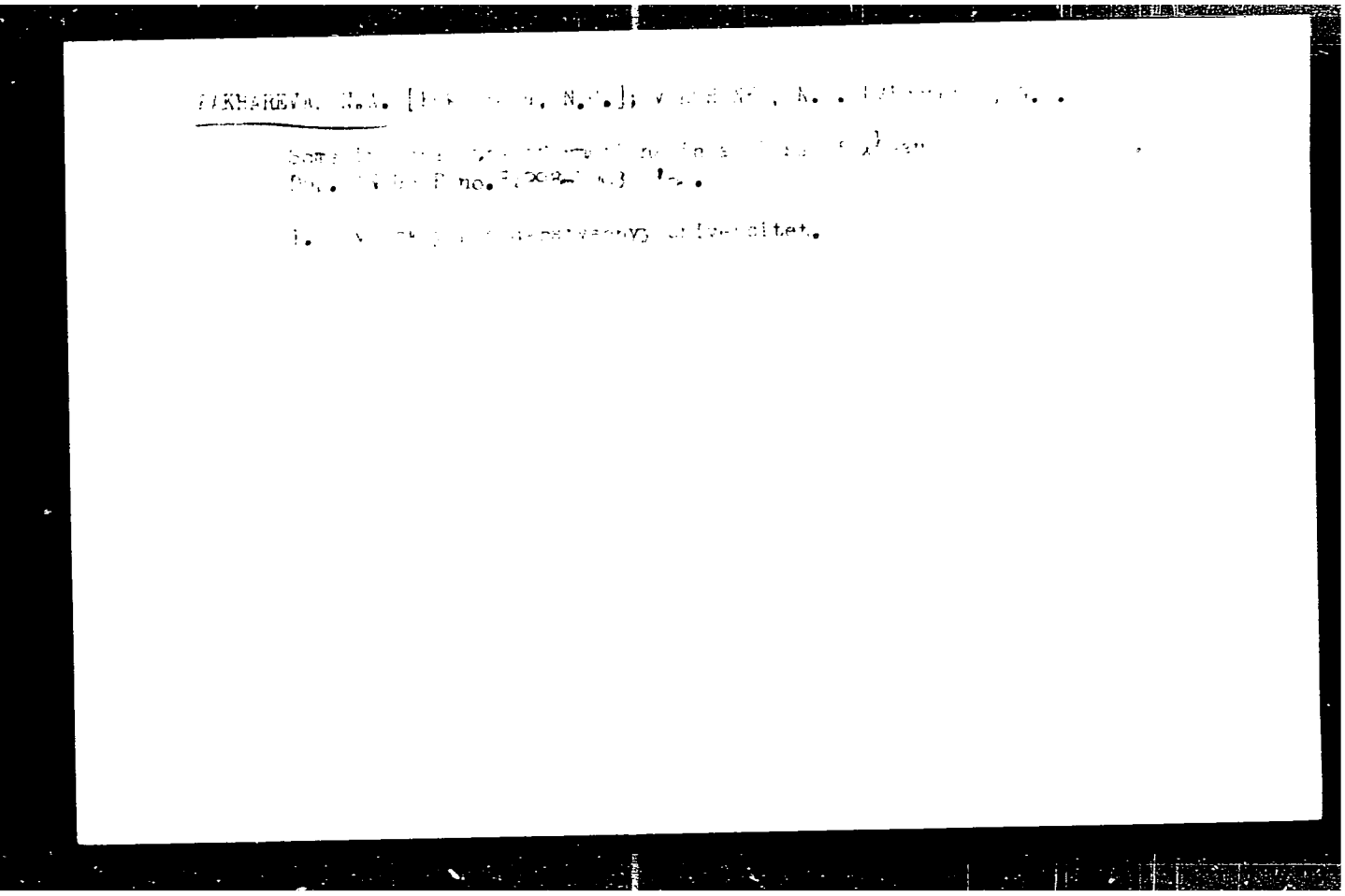
is considered as the characteristic of variation of Δu_1, and u_1 is the quantity $K_u(P) = \frac{u_2(P)}{u_1(P)}$. There holds the following theorem 1. Let the domain D_2 be obtained from the domain D_1 by varying its boundary flow line AD or BC. Then: 1) as the flow line on the side of smallest potential is decreased and the flow line on the side of greatest potential is increased or 2) as portions of the

Card 2/3

PAKHARIEVA, K.A. [Pakharieva, K.O.] (Kiyev)

Some cases of filtration from axisymmetric basins in a multilayer medium. Prykl. mekh. 7 no. 1:67-72 '61. (MIRA 14:2)

1. Kiyevskiy gosudarstvennyy universitet.
(Soil percolation)



POLOZHIY, Georgiy Nikolayevich; PAKHAREVA, Nadezhda Alekseyevna; STEPANENKO, Ivan Zakharovich; BONDARENKO, Pavel Stepanovich; VELIKOIVANENKO, Ivan Maksimovich; ROZENKNOP, V.D., red.; KRYUCHKOVA, V.N., tekhn.red.

[Mathematics] Matematicheskii praktikum. Pod red. G.N.Polozhego. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1960. 512 p. (MIRA 14:1)

(Mathematics)

Pakhareva, N. O.

124-1957-10-11782

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 10, p 85 (USSR)

AUTHOR: Pakhareva, N.O.
TITLE: On Some Instances of Seepage From Axisymmetrical Reservoirs (O nekotorykh sluchayakh fil'tratsii iz osesimmetrichnykh vodoyemov)

PERIODICAL: Nauk. zap. Kiyvs'k. un-ta, 1954, Vol 13, Nr 8, pp 115-120

ABSTRACT The shape of the free-surface curves is studied, and an approximate method is offered for the determination of the fluid flow encountered in the seepage from axisymmetrical atmospheric (i.e., headless) reservoirs. The investigations are carried out on the basis of certain variational theorems emanating from the general theorem of the conservation of areas for the elliptical systems of differential equations which was proved by G. N. Polozhiy (Matem. sb., 1953, Vol 32, Nr 3). Use is made of the concept, introduced by the Author, of a so-called distorted vector of the filtration velocity for the case of axisymmetrical seepage. Numerical examples are examined.

G. S. Salekhov

Card 1/1

PAKHAREVA, N.O.

Using the method of majorant domains in the problem of filtration under a flat spillway dam apron having two piles. Dop.AN URSR no.1:25-30 '56. (MLRA 9:7)

1.Kiivs'kiy dershavniy universitet. Predstaviv diysniy chlen AN URSR G.I.Sukhomel.

(Soil percolation)

PAKHAREVA, N.O.; KIYASHKO, A.M.

One class of variation theorems for elliptical systems of differential equations. Visnyk Kyiv. un. Ser. astron., mat. ta mekh. no.1:119-124 '58. (MIRA 14:5)

(Differential equations)

S/044/60/000/003/002/012
C111/C222

AUTHORS: Polozhiy, G.M., and Pakhareva, N.O.

TITLE: Qualitative methods for the solution of the problems of mathematical physics

PERIODICAL: Referativnyy zhurnal. Matematika, no.3, 1960, 41, abstract 2854 (Nauk. zap. Kiyvs'k. un-t, 1957, 16, no.16, 69-77)

TEXT: The authors give a survey on the variation principles for the solution of some problems of the plane and axialsymmetric theory of filtration, of the torsion theory of prismatic bars etc., developed by the authors and other scientists. Some of the cited results were obtained only recently and are not yet published in a complete form.

[Abstracter's note: Complete translation.]

Card 1/1

PUKHOV, V.I., professor; ZINICHENKO, I.I.; PAKHAR'KOV, A.G.

Basic methods of the elimination of coenurosis and echinococciasis in sheep. Veterinariia 33 no.4:31-34 Ap '56. (MLRA 9:7)

1.Stavropol'skaya krayevaya nauchno-issledovatel'skaya veterinarnaya opytnaya stantsiya.
(Sheep--Diseases) (Worms, Intestinal and parasitic)

TIKHONOV, Mikhail Nikolayevich; PAKHATURIDI, I.K., red.; ZAMYSHLYAYEVA, I.M., red. izd-va; KHENOKH, F.M., tekhn. red.

[Hairdressing; ladies beauty parlors] Parikmakherskoe delo; zhenskii zal. Izd.2., perer. Moskva, Izd-vo M-va kommun. khoz.RSFSR, 1963. 141 p. (MIRA 16:7)
(Hairdressing)

PAKHCHANYAN, G.G.

Evaporation and its variation with altitude. Dokl. AN Arm.SSR 38 no.1: 27-33 '64. (MIRA 17:4)

1. Institut vodnykh problem AN Armyanskoy SSR. Predstavleno akademikom AN Armyanskoy SSR G.Kh.Agadzhanyanom.

MKHITARYAN, A.M.; PAKHCHANYAN, G.G.; LAZARYAN, A.G.

Efficiency of monolayer depressors of evaporation. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 18 no.6:50-70 '65. (MIRA 19:1

PAKHCHANYAN, G.G.

Methods of determining the evaporation from fields. Dokl. AN Arm. SSR 38 no.2:119-124 '64. (MIRA 17:4)

1. Institut vodnykh problem AN ArmSSR. Predstavleno akademikom AN Armyanskoy SSR G.Kh.Agadzhanyanom.

PAKHEL', I.F., inzh.

Excess speed fovernors used in minor elevators. Bezop. truda v prom. 2 no.11:36 N '58. (MIRA 11:11)
(Elevators--Safety measures)

L 62108-65 EWT(d)/EWP(m)/ES(v)-3/EEC(k)-2/EWG(v)/EWA(d)/EED-2/EWP(1)/EWA(h) Po-4/
Pe-5/Pq-4/Pg-4/Pae-2/Peb/P1-4/Pk-4 IJP(c) AST/BB/GG
ACCESSION NR: AT5004164 UR/3126/63/000/002/0090/0114

52
B+1

AUTHOR: Pachelski, W. (Pakhel'ski, V.)

TITLE: Computation of ephemerides of artificial earth satellites on a "Ural-2" computer 16

SOURCE: Nablyudeniya iskusstvennykh sputnikov Zemli, no. 2, 1963. Warsaw, PAN, 1963, 90-114

TOPIC TAGS: artificial earth satellite, artificial satellite observation, satellite ephemeris, artificial satellite orbit

ABSTRACT: Optical observations of the American-Canadian ionospheric satellite Alouette have been used by the Computation Center of the Polish Academy of Sciences for computing the position of the satellite with reference to each observation station and for forecasting its movement several days in advance. The computation of the satellite positions was based on the so-called ten modified orbital elements associated with the rotating earth. Besides these ten modified elements, three additional elements are used: a correction of the passage moment, the beginning of the time interval, and the end of

Card 1/3

this interval for which ephemerides must be computed. In theory, the method of modified orbital elements permits a computation of ephemerides for not more than 30 stations located in a geographical area not greater than 0.5 hr in longitude and 5° in latitude. The position of the satellite on its orbit is determined by a moment of time, the azimuth (from the north), and the height above the horizon. Observation stations of a given area are related to a reference point; the coordinates of this point are composed in such a way that the longitude is the arithmetical mean of the longitudes of all the stations and the latitude is either that of the lowest station (when the inclination of the orbit is higher than this lowest latitude) or else the latitude is equal to the inclination of the orbit (when the inclination is less than the latitude of the lowest station). The period of the westerly rotation of the orbital plane of several degrees in 24 hr makes the rotation period of the plane appear to a terrestrial observer to be less than the earth's rotation by several minutes; this is known as the "mean planar day." Positions of the reference point in the orbital plane are explained, and a method of computing the moments of passage through the perigee is given. Formulas are developed for the observer to compute the position of the satellite at one of the area

L 62108-65
ACCESSION NR: AT5004164

stations. The satellite is seen best at twilight, in the morning, and in the evening. Formulas are given for computing the moment of observation by using the solar hour angle and the time equation. Computations of satellite positions and moments of passage through the perigee are carried out by the "Ural-2" electronic computer, the block diagram of which is presented in two figures in the original article. [EG]
Orig. art. has: 5 figures and 69 formulas.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: AA

NO REF SOV: 000 OTHER: 000

Card 3/3

PAKHES, Y. , GORYAGA, A. N., BELOV, K. P., (Moscow)

"Thermodynamic Investigation of Ferromagnetics Substances in the Region of the Curie temperature," a paper submitted at the International Conference on Physics of Magnetic Phenomena, Sverdlovsk, 23-31 May 56.

PAKHILKO, S.N.

Cooperation of collective farms in the construction of livestock buildings. Zhivotnovodstvo 21 no.7:79-87 Je '59.
(MIRA 12:9)

1. Predsedatel' Monastyrshchinskoy mezhkolkhoznoy stroitel'noy organizatsii Smolenskoy oblasti.
(Smolensk Province--Farm buildings)

?A

Twin-chambered spray drier. A. Pakhirko (Gor'kov Moloch. Kombinat, Omsk Trusta) Moloch. Prom. 12, No. 5, 39-41(1951). A double-expansion chamber drier is described with a diagram. The feed is passed simultaneously into interconnected upper and lower chambers through rotating-spray nozzles; a stream of 135-40° air is used for the circulating medium. The lower chamber discharges into the upper one, and the latter leads to the collector filter chamber. Economy of operation is cited in the use of the app. in production of dried milk powder. G. M. K.

PAKHIRKO, A.

Dairying - Apparatus and Supplies

Coupled operation of a vacuum apparatus with apparatuses of the Fialkov system. Mol. prom. 13 no. 6, 1952.

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

PAKHIRKO, A.A.

KIVENKO, S.F.; LUK'YANOV, N.Ya.; PAKHIRKO, A.A.; NEZHENEZHNYKH, V., retsenzent; BORISOV, S., retsenzent; KOSTYGOV, V.V., redaktor; AKIMOVA, A.D., redaktor; GOTLIB, E.M., tekhnicheskiy redaktor.

[Production of condensed and powdered milk in butter plants] Proizvodstvo zgushchennogo i sukhogo moloka na maslodel'nykh zavodakh. Pod red. V.V.Kostygova. Moskva, Pishchepromizdat, 1954. 153 p. (Milk, Condensed)(Milk, Dried) (MLRA 8:3)

CHERNOV, A.D., inzh.; PAKHK, E.E., inzh.

Effect of initial steam parameters on the efficiency of GTZA marine engines. Sudostroenie 24 no.9:25-28 S '58.
(Marine engines) (MIRA 11:11)

PAKHLAVUNI, A. A.

Pakhlavuni, A. A. - "Changes in the speed of blood flow in acute bacillar dysentery", Vrachsb. delo, 1949, No. 4, paragraphs 311-14.

SO: U-4329, 19 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 21, 1949).

ANDRIYASHEVA, O.M.; PAKHLAVUNI, A.V.; SHOLOMOVICH, T.G.; AKULOVA, L.D.; USPENSKAYA, N.A.; YERMAKOV, M.S., tekhn.red.

[German-Russian dictionary of physics] Nemetsko-russkiy slovar' po fizike. Sost. O.M.Andriiasheva i dr. Moskva, Izd-vo Mosk. univ., 1959. 507 p. (MIRA 13:1)
(German language--Dictionaries--Russian)
(Physics--Dictionaries)

LEYTMAN, M.B.; PAYHLAVUNI, R.K.

Pulse-length modulator for telemetering systems. Izv. vys. ucheb. zav.; neft' i gaz. 6 no.5:97-102 '63 (MIRA 17:7)

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova.

L 37925-66 EWT(1)

ACC NR: AP6022200 SOURCE CODE: UR/0115/66/000/005/0036/0036

AUTHOR: Leytman, M. B.; Pakhlavuni, R. K.

ORG: none

TITLE: Transistorized high-voltage constant voltage stabilizer

SOURCE: Izmerital'naya tekhnika, no. 5, 1966, 36

TOPIC TAGS: voltage stabilizer, transistorized circuit

ABSTRACT: The new device comprises a low-voltage dc stabilizer, a transistorized dc-ac step-up inverter, a h-v rectifier, and a feedback circuit from the rectifier to the l-v stabilizer. The stabilizer has a compensation circuit with a d-c amplifier. A principal circuit of a 120-v 200-w stabilizer is shown; its supply voltage, 220 v ± 10%; stabilization factor with respect to the supply voltage, 1000; internal resistance, 0.15 ohm. Principal components are specified, and their operation explained. The stabilizer has automatic protection from inverter failure and overloads. Orig. art. has: 1 figure. [03]

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 003

Card 1/1 UDC: 621.316.722.1:621.382.3

11(4) PHASE I BOOK EXPLOITATION SOV/2476

Aliverdizade, K.S., A.A. Daniyelyan, V. I. Dokumentov, A.K. Ibatulov, V.O. Pakhlavuni (Deceased), L.G. Chicherov, and S.V. Yurkevskiy

Raschet i konstruirovaniye oborudovaniya dlya ekspluatatsii neftyanykh skvazhin (Design and Construction of Equipment for Oil Well Exploitation) Moscow, Gostoptekhizdat, 1959. 652 p. Errata slip inserted. 3,500 copies printed.

Exec. Ed.: A.A. Gor'kova; Tech. Ed.: E.A. Mukhina.

PURPOSE: This book is intended for engineers and technicians of oilfields, machine-building and repair plants, and scientific research institutes. It may also be useful to students of petroleum vuzes and departments.

COVERAGE: The authors discuss calculation and design principles of equipment used in oil well operation. In some instances the design of production equipment is also discussed. No personalities are mentioned. There are 66 references, all Soviet.

Card 1/4

TABLE OF CONTENTS:

PAKHLEVANYAN, A., kand.tekhn.nauk

"Electric glass melting" by M.Manvelian and others. Reviewed by A.Pakhlevanian. Prom.Arm. 6 no.1:74-76 Ja '63. (MIRA 16:4)

(Glass manufacture) (Glass furnaces)
(Manvelian, M.)

PAKHLEVANYAN, A. A. —

" Problems of Improving the Processes of Melting Glass in Electric Bath Furnaces." Cand Tech Sci, All-Union Sci-Res Inst of Glass, Ministry of the Construction Materials Industry, USSR, 19 Oct 54. (VM, 8 Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

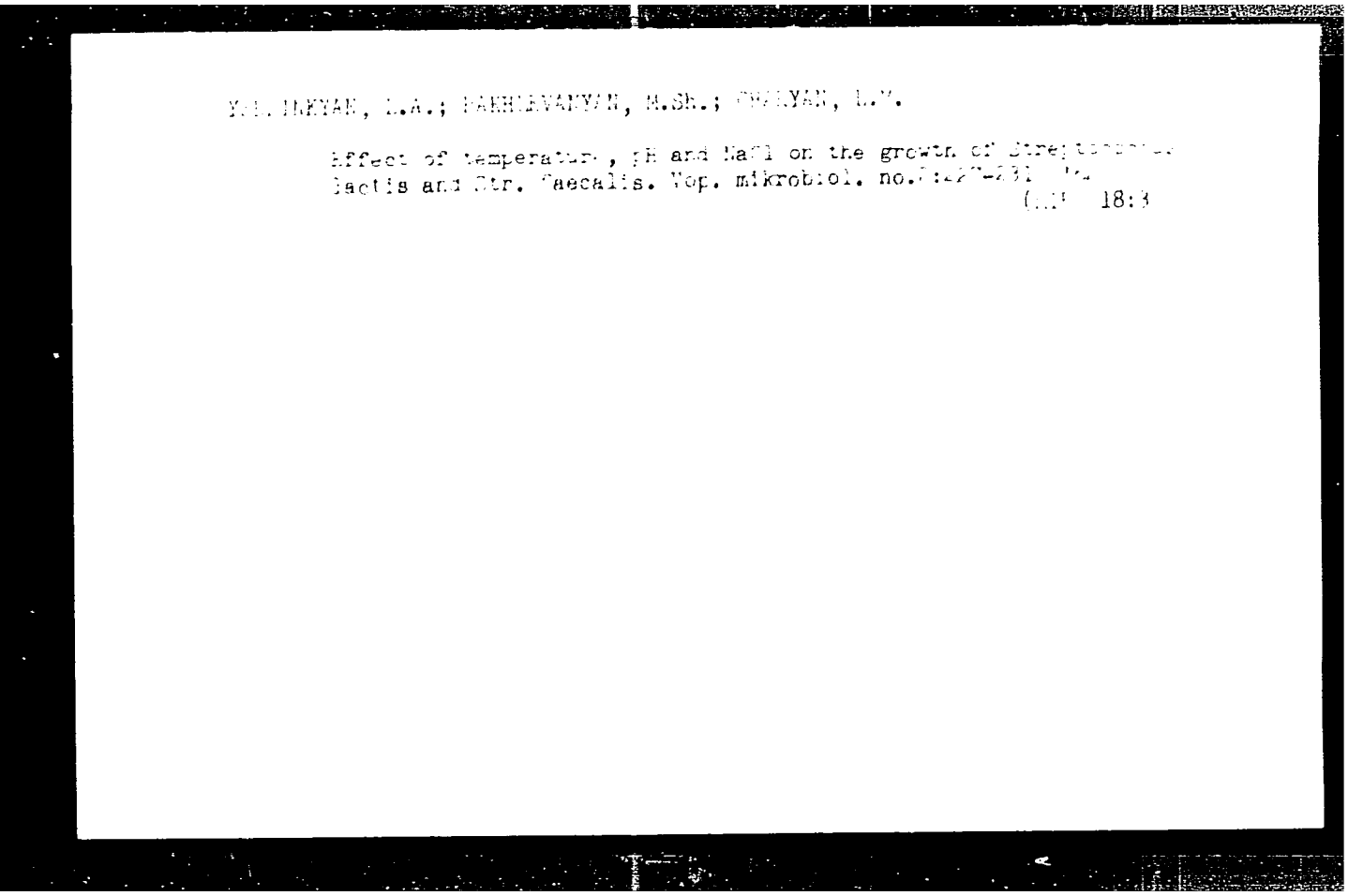
PAKHLEVANYAN, G.

More attention to the initiative of workers in the fight for technical development. Prom.Arm. 4 no.5:6-9 My '61. (MIRA 14:8)

1. Zamestitel' presedatelya Gosudarstvennogo nauchno-tekhnicheskogo komiteta Soveta Ministrov Armyanskoy SSSR.
(Armenia--Industry--Technological innovations)

YEREZINKYAN, L. A.; PAKHLEVANYAN, M.Sh.; MURADYAN, Ye.A.

Intensity of carbohydrate fermentation by lactic acid bacteria and Streptococcus faecalis. Vop. mikrobiol. no.2:219-226 '54. (MIRA 18:3)



[illegible], L.A.; [illegible], M.Sh.; [illegible], L.V.

Effect of temperature, pH and NaCl on the growth of Streptococcus lactis and Str. faecalis. Vop. mikrobiol. no.[illegible] [illegible] (...) 18:3

YERZINKYAN, L.A.; MURADYAN, Yu.A.; PAKHLEVANYAN, M.Sh.

Antibiotic properties of matzoon during maturation and prolonged storage. Zap.mikrobiol. no.1:197-204 '61. (MIRA 17:10)

YERZINKYAN, L.A.; PAKHLEVANYAN, M.Sh.; CHARYAN, L.M.; AKOPOVA, A.B.

New nutrient media for the isolation of lactic acid bacteria.
Vop. mikrobiol. no.2:211-218 '64.
(MIRA 18:3)

PAKHLEVANYAN, M.Sh.

Biological characteristics of some thermophylic lactic acid streptococci. Izv. AN Arm. SSR. Biol. nauki 16 no.11:45-50 N '63. (MIRA 17:4)

GUKASYAN, M.G., inzh; TIGRANYAN, A.Kh., inzh; PAKHLEVANYAN, R.G., inzh.

Switching device for TSMN-series electric transformers. Vest. elektroprom. 32 no.3:25-28 Mr '61. (MIRA 15:6)
(Electric transformers) (Electric switchgear)

1. LESHKOVTSEV, V., PAKHLIN, I.

2. USSR (600)

4. Physics

7. Unsuccessful book for students. ("How Discoveries are Made." YE. Strogova. Reviewed by V. Leshkovtsev, I. Pakhlin.) Fiz. v. shkole, 12, No. 6, 1952

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

1. LESHKOVTSEV, V.; PAKHLIN, I.

2. USSR (600)

4. Children's Literature - History and Criticism

7. Unsuccessful book for students. (How Discoveries are Made, Ye. Strogova), Fiz. v shkole, 12, No. 6, 1952.

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

1. PAKHLIN, I., LESHKOVTSEV, V.

2. USSR (600)

4. Strogova, E.

7. Unsuccessful book for students. ("How Discoveries are Made." Ye. Strogova. Reviewed by V. Leshkovtsev, I. Pakhlin.) Fiz. v shkole 12, no. 6, 1952

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

MIKLUKHO-MAKLAY, A.D.; PAKHLO, Ya.R.

Cambrian sediments in the Arctic and subarctic Urals. Dokl. AN SSSR 162 no.4:891-892 Je '65. (MIRA 18:5)

1. Submitted January 30, 1965.

PALOUSH, R. [Palous, R.]; PAKHMAN, E. [Pachman, E.]

Some aspects of teaching applied chemistry in Czechoslovakian schools. Khim. v shkole 15 no.3:50-55 My-Je '60. (MIRA 14:7)

1. Pedagogicheskiy institut, kafedra khimii, g. Praga.
(Czechoslovakia--Chemistry--Study and teaching)

ARSENIN, N.D.; BUDKOVSKIY, N.G.; BOLOTIN, A.A.; BONARTSEVA, N.N.; BOGDANOVA, M.V.; GOLOVENKO, I.P.; IL'BITENKO, K.I.; KIRPONOS, Ye.M.; KARAPETYAN, K.G.; KIRSANOVA, I.A.; KUZNETSOV, A.L.; KORESHNIKOVA, N.F.; KORZHENEVSKAYA, T.I.; NEMIROV,N.G.; NIKONOVA, T.K.; NAZAROV, V.N.; PISAREVA, I.A.; POPOV, S.A.; PRONINA, N.A.; PAKHMAN, M.Ye.; REYPOLSKIY, S.N.; ROGACHEV, Yu.N.; SOSNINA, V.D.; STARSHINOV, B.M.; KHUDYAKOV, B.Ya.; SHELEKASOV, V.I.; PARKOV, V.P., podpolkovnik, red.; MURAV'YEV, A.I., polkovnik, red.; CHAPAYEVA, R.I., tekhn. red.

[Relics of military glory]Relikvii boevoi slavy. Moskva, Voenizdat, 1962. 166 p. (MIRA 15:8)

1. Nauchnyye sotrudniki TSentral'nogo muzeya Sovetskoy Armii (for all except Murav'yev, Chapayeva).
(Military museums)

PAKHMAN, T.A., kand. ekonom. nauk; SIMANOVSKIY, M.A., kand. ekonom. nauk

Planning and accounting of transportation costs in the national economy. Zhel. dor. transp. 47 no.5:68-72 My '65.
(MIRA 18:6)

MOLYARCHUK, G.V., kand.ekon.nauk; PAKHMAN, T.A., kand.ekon.nauk

Better organization of grain transportation and location of granaries. Zhel.dor.transp. 42 no.2:28-32 F '60.
(MIRA 13:5)

(Grain--Transportation) (Grain elevators)

L 41862-65

ACCESSION NR AM5006618 BOOK EXPLOITATION S/

Pakhman, T. A. (Candidate of Economic Sciences); Mezhova, R. V. (Candidate of Technical Sciences); Oleynik, O. A. (Engineer); YUdina, N. V.; Berngard, K. A. (Doctor of Technical Sciences; Professor); Frolov, I. A. (Engineer); Tikhonchuk, YU. N. (Candidate of Economic Sciences)

Organization of the railroad transportation of petroleum and chemical liquid freight (Organizatsiya zheleznodorozhnykh perevozok neftyanykh i khimicheskikh nalivnykh gruzov), Moscow, Izd-vo "Transport", 1964, 119 p. illus., biblio. 1,500 copies printed. Series note: Moscow. Vsesoyuznyy nauchno-issled-ovatel'skiy institut zheleznodorozhnogo transporta. Trudy. vyp. 279.

TOPIC TAGS: railroad transportation, oil product, chemical, railroad tank car, railroad freight organization

PURPOSE AND COVERAGE: This book presents a brief analysis of the freight traffic of oil, oil products and chemicals carried in railroad tank cars. It considers problems of specialization in the types of tank cars, equipping special stations for sorting and processing empty tank cars, routing freight, and the concentration of the discharge of oil products at the least number of

Card 1/3

L 11862-65
ACCESSION NR AM5006618

stations. The book is intended for researchers, engineers, and technicians of railroad transportation, industry, and other organizations involved in the transportation of petroleum and chemical freight. The book was written by Candidate of Economic Sciences, T. A. Pakhman (Ch. 1, Section 1), Candidate of Technical Sciences, R. V. Mezhova (Ch. 1, Sections 2 and 3, Ch. 2, Sections 1 and 2), Engineers, O. A. Oleynik and N. V. YUdina (Ch. 1, Section 4), Doctor of Technical Sciences, Professor, K. A. Bernard (Ch. 2, Sections 3 and 4, Ch. 3, Sections 1, 2 and 3, Ch. 3, Sections 4, 5, 6 and 7), Candidate of Economic Sciences, YU. N. Tikhonchuk (Ch. 5). Assistance in the calculations was provided by Engineers, N. M. Avakyants and R. M. Shcherbina.

TABLE OF CONTENTS [Abridged]:

Card 2/3

L 11862-65
ACCESSION NR AM5006618

Ch. V. Concentration of discharge points of petroleum products -- 101
Bibliography -- 118

SUBMITTED: 22Jun64 SUB CODE: GO

NO REF SOV: 012 OTHER: 008

Card 3/3

PAKHMAN, T.A., kand.ekon.nauk; PONOMAREV, S.A., inzh.; KEDROVA, V.I. inzh. [deceased]; KHANUKOV, Ye.D., retsenzent; KOLTUNOVA, M.P., red.; VASIL'YEVA, N.N., tekhn.red.

[Methodological problems of planning long distance passenger transportation] Metodicheskie voprosy planirovaniia dal'nikh passazhirskikh perevozok. Moskva, Vses.izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 94 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.231). (MIRA 15:8)
(Railroads--Passenger traffic)

PAKHMAN, T.A., kand.ekon.nauk, red.; KARPOVA, N.L., red.; MEDVEDEVA, M.A., tekhn.red.

[Improving the organization of grain transportation] Ratsionalizatsiia perevozok khlebnykh gruzov. Moskva, Vses.izdatel'sko-poligr. ob"edinenie m-va putei soob., 1960. 134 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.200). (MIRA 14:5)

(Grain handling)

KRESTOV, R.M.; DROBOT, V.M.; PAKHMANOV, D.M.; POPOV, N.G.

Concerning P.I.Sokolov's article "Reserve feed pumps with steam drives for boiler systems." Prom.energ. 19 no.7:27-29 Jl '64.
(MIRA 18:1)

PAKHMANOV, D.M., inzh.

A pressureless salt dissolver. Prom.energ. 18 no.1:20-21 Ja '63. (MIRA 16:4)
(Feed-water purification)

KOMANDVSKIY, Z.Sh., inzhener; PAKHMANOV, V.A., inzhener.

Sheet working shop built of precast reinforced concrete elements.
Stroi. prom. 35 no.1:19-21 Ja '57. (MLRA 10:2)

(Precast concrete construction)
(Factories--Design and construction)

PAKHMANOV, V.F.

NEMCHENKO, V.S.; BOCHAROV, M.D.; KRISTOSTUR'YAN, N.G.; CHERKASOV, V.I.; ANDREYANOV, V.V.; KAUFMAN, V.M.; PAKHMANOV, V.F.; ZVORYKIN, A.A., otv.red.; ANICHKOV, N.N., red.; BARDIN, I.P., red.; BLAGONRAVOV, A.A., red.; VVEDENSKIY, B.A., red.; GRIGOR'YEV, A.A., red.; KAPUSTINSKIY, A.F., red.; KOLMOGOROV, A.N., red.; MIKHAYLOV, A.A., red.; OPARIN, A.I., red.; PETROV, F.N., red.; STOLETOV, V.N., red.; STRAKHOV, N.M., red.; FIGUROVSKIY, N.A., red.; KOSTI, S.D., tekhn.red.

[Biographical dictionary of leaders in the natural sciences and technology] Biograficheskii slovar' deiatelei estestvoznaniia i tekhniki. Vol.1. A - L. Otvetstvennyi red. A.A.Zvorykin. Red. kollegiia: N.N.Anichkov i dr. Moskva, Gos.nauchn.izd-vo "Bol'shaia Sovetskaia Entsiklopediia." 1958. 548 p. (MIRA 12:4)

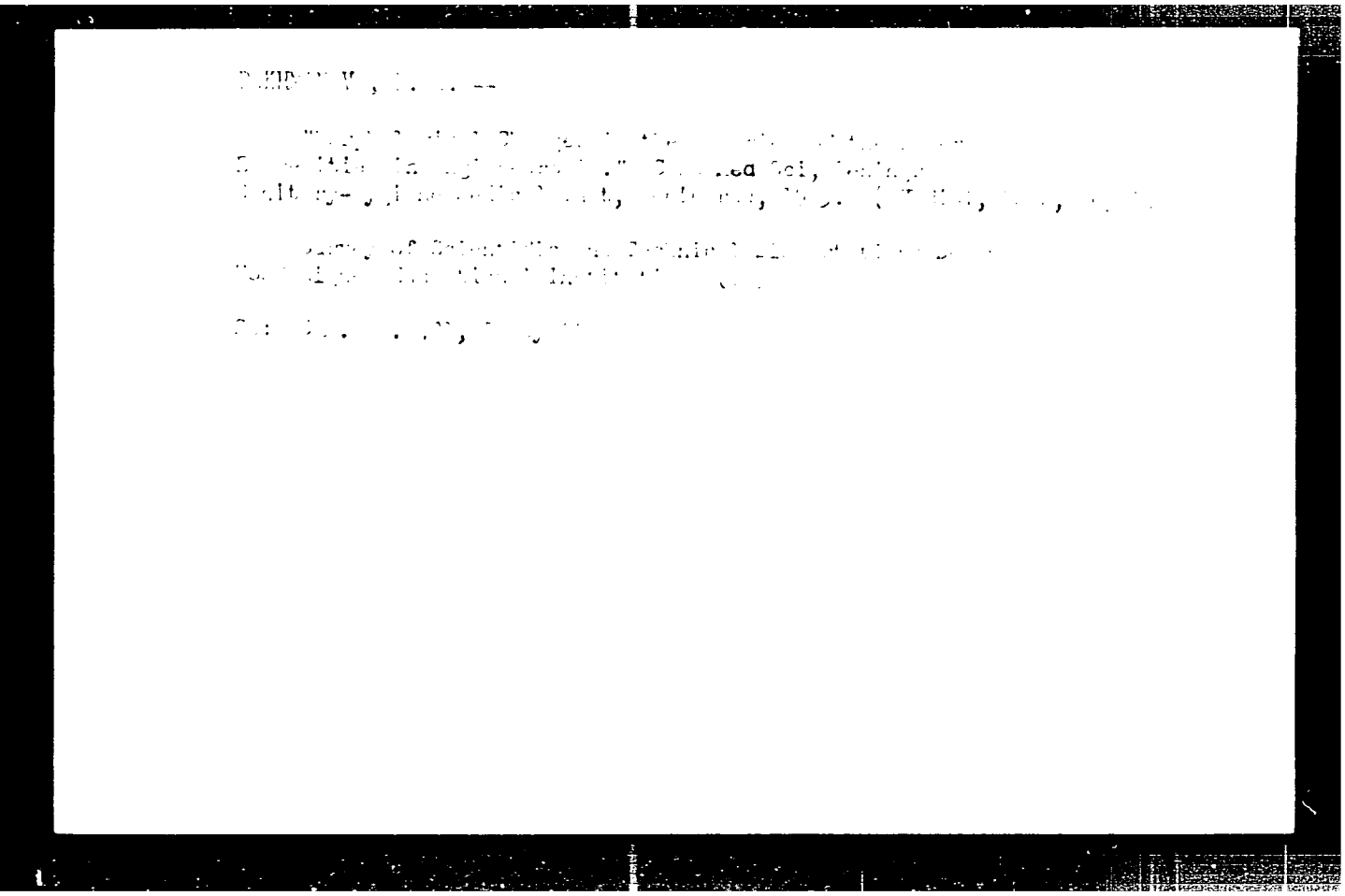
1. Redaktsiya istorii estestvoznaniya i tekhniki Bol'shoy Sovetskoy Entsiklopedii (for Nemchenko, Bocharov, Kristostur'yan, Cherkasov, Andreyanov, Kaufman, Pakhmanov).

(Scientists)

ZVORYKIN, A.A., otv.red.; NEMCHENKO, V.S., zaveduyushchiy red.; BOCHAROV, M.D., starshiy nauchnyy red.; KRISTOSTUR'YAN, N.G., starshiy nauchnyy red.; CHERKASOV, V.I., starshiy nauchnyy red.; ANDREYANOV, V.V., red.; GAMKOVENKO, R.V., nauchnyy red.; KAUFMAN, V.M., mladshiy red.; PAKHMANOV, V.F., mladshiy red.; KOSTI, S.D., tekhn.red.

[Biographical dictionary of figures in the natural sciences and technology] Biograficheskii slovar' deiatelei estestvoznaniia i tekhniki. Otvetstvennyi red. A.A.Zvorykin. Red. kollegiia: N.N.Anichkov i dr. Moskva, Gos.nauchn.izd-vo "Bol'shaia sovetskaia entsiklopediia." Vol.2. M - IA. 1959. 467 p. (MIRA 12:7)

1. Redaktsiya istorii estestvoznaniya i tekhniki Bol'shoy Sovetskoy Entsiklopedii (for all except Zvorykin, Kosti). (Scientists) (Technology--Biography)



ROZENTUL, M.A., professor; VASIL'YEV, T.V., kandidat meditsinskikh nauk; SOKOLIN, A.I., kandidat meditsinskikh nauk; MASLOV, P.Ye., kandidat meditsinskikh nauk; PROKVICH, L.V., kandidat meditsinskikh nauk; PAKHMANOVA, N.V.Pakhmanova, nauchnyy sotrudnik; KHAMAGANOVA, A.V., nauchnyy sotrudnik; PETRUSHEVSKIY, S.I., vrach

Treatment of syphilis with ecomonovocillin. Sov.med. 20 no.7:24-28 Jl '56. (MLRA 9:10)

1. Iz otdela sifilidologii (zav. - prof. M.A.Rozentul) TSentral'nogo kozhno-venerologicheskogo instituta (dir. - dotsent N.M.Turanov) Ministerstva zdravookhraneniya SSSR.

(SYPHILIS, ther.
procaine penicillin G with ekmolin)
(PENICILLIN, rel. cpds.)
procaine penicillin G with ekmolin in ther. of syphilis)

ROZENTUL, M.A., professor; VASIL'YEV, T.V., kandidat meditsinskikh nauk; SOKOLIN, A.I., kandidat meditsinskikh nauk; MASLOV, P.Ye., kandidat meditsinskikh nauk; PROKVICH, L.V., kandidat meditsinskikh nauk; PAKHMANOVA, N.V.Pakhmanova, nauchnyy sotrudnik; KHAMAGANOVA, A.V., nauchnyy sotrudnik; PETRUSHEVSKIY, S.I., vrach

Treatment of syphilis with ecomonovocillin. Sov.med. 20 no.7:24-28 Jl '56. (MLRA 9:10)

1. Iz otdela sifilidologii (zav. - prof. M.A.Rozentul) TSentral'nogo kozhno-venerologicheskogo instituta (dir. - dotsent N.M.Turanov) Ministerstva zdravookhraneniya SSSR.

(SYPHILIS, ther.
procaine penicillin G with ekmolin)
(PENICILLIN, rel. cpds.)
procaine penicillin G with ekmolin in ther. of syphilis)

PAKHMURA, M.G. [Pakhmura, M.H.], aspirant; PETRACHKOV, F.O., kand.khim.nauk

Purification of cooking salt from magnesium salt admixtures.
Khar.prom. no.2:37-39 Ap-Je '62. (MIRA 15:9)

1. Dnepropetrovskiy khimiko-tekhnologicheskiy institut (for Pakhmura). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh reaktivov, Donetskiy filial (for Petrachkov).
(Salt—Purification)

SHISHKIN, K.N.; PAKHMURA, N.G.

Investigating the classification of ground grog in an air flow.
Ogneupory 28 no.9:418-422 '63. (MIRA 16:10)

1. Dnepropetrovskiy khimiko-tekhnologicheskiy institut.

PAKHMURA, N.G.; PETRACHKOV, F.A.

Study of the removal of magnesium from common table salt. Sbor. nauch.trud.UkrNIISol' no.6 74-76 '62. (MIRA 17:3)

SHISHKIN, K.N.; PAKHMURA, N.G. [Pakhmura, N.H.]

Salt classification and dust removal by means of air blowing systems. Khar.prom. no.4:63-66 O-D '62. (MIRA 16:1)

1. Dnepropetrovskiy khimiko-tekhnologicheskiy institut.
(Salt industry--Equipment and supplies)

LYSENKO, N.V.; PAKHMURA, N.N.

Determining the performance of a harvesting machine in salt mining from reservoirs. Sbor.nauch.trud.UkrNIISol' no.6: 101-105 '62. (MIRA 17:3)

L 32579-66

ACC NR: AP5021828 (A) SOURCE CODE: UR/0356/65/000/008/0046/0047

AUTHOR: Busdin, A. (Engineer); Pakhmurin, V. (Engineer)

ORG: All-Union Association "Soyuzsel'khostekhnika" (Vsesoyuznoye Ob"yedineniye "Soyuzsel'khostekhnika")

TITLE: Milling trencher

SOURCE: Tekhnika v sel'skom khozyaystve, no. 8, 1965, 46-47

TOPIC TAGS: agricultural machinery, tractor, machine industry, excavating machinery

ABSTRACT: The Mozyrskiy zavod meliorativnykh mashin (Mozyrskiy Plant of Meliorative Machinery) manufactures the KFM-1200 milling trencher, designed to dig trenches to depths of 1.2 m and floor widths of 0.25 m and to bank it in one operation. It is intended for hitching on to T-100MBGS tractors. The trencher consists of a frame, working device, reducing gear, bevelled and planetary gear, and a hydraulic system. The working device consists of a two-way moldboard with two symmetrically mounted blades on the sides. When the fixing chain is removed, the trencher assumes a working position. The front section of the moldboard separates the soil in two parts and directs it towards the milling unit while the rear section trims the banks and floor of the trench and moves the soil forward. The disc cutters rotating at 15 m/sec eject the soil and divide it evenly between the two sides of the trench over a strip 8-10 m

Card 1/2 UDC: 631.312.63

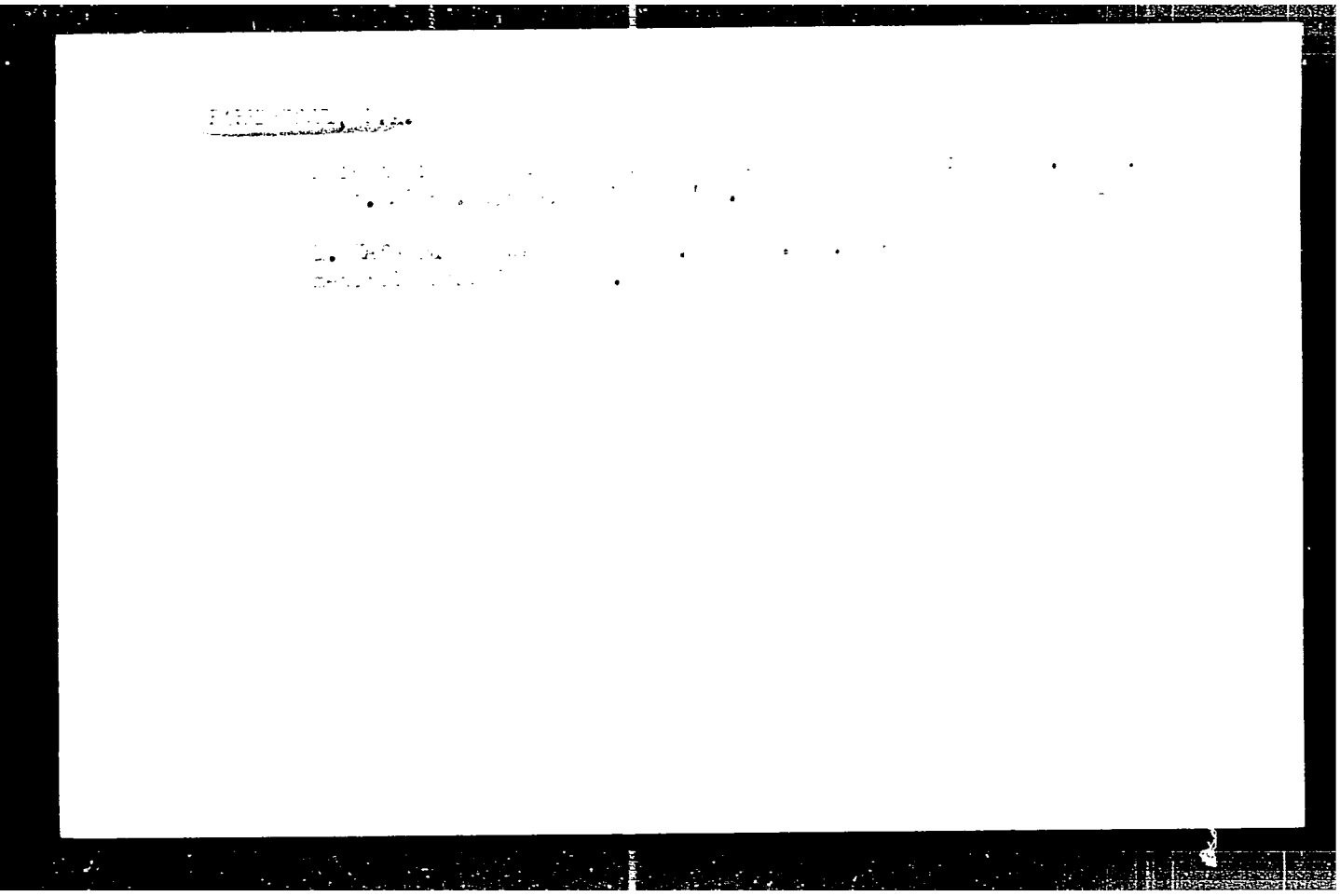
ACC NR: AP5021828 O

in width. The capacity of the trencher is 470 m^3/hr, its mean specific pressure on the soil is 0.29 kg/cm^2, its weight is about 2800 kg and together with the tractor 18780 kg, and its operating speed is 0.033-0.27 km/hr. The trencher is maneuverable, easy to control, and suitable for extensive use in meliorative work. Orig. art. has: 1 figure.

SUB CODE: 02,13 / SUBM DATE: none

LS

Card 2/2



PAKHMURNYY, B.A.

Direct effect of cardiac glycosides on kidneys. [illegible] eksp. biol. i med. 60 no.7:[illegible]-71 Jl '65. (MIRA [illegible])

1. Kafedra farmakologii (zav. - prof. Ye.S. [illegible]) Altayskogo meditsinskogo instituta, Barnaul.

IVANOV, Yu.I.; PAKHMUTNYY, B.A.

Methodology for simultaneous determining of the volume of extra - and intracellular fluid in the body of rats. Biul. eksp. biol. i med. 59 no.4:123-125 Ap '65.
(MIRA 18:5)

1. Kafedra farmakologii (zav. - prof. Ye.B. Berkhin) Altayskogo meditsinskogo instituta, Barnaul.

PAKHMURNYY, B.A.

Filtration and reabsorption functions of the denervated kidney in normal conditions and under the influence of some neurotropic substances. Biul. eksp. biol. i med. 53 no.5:84-89 My '62. (MIRA 15:7)

1. Iz kafedry farmakologii (zav. - doktor med. nauk Ye.B. Berkhan) Altayskogo meditsinskogo instituta, Barnaul. Predstavlena deystvitel'nym chlenom AMN SSSR V.V. Parinym.
(KIDNEYS--INNERVATION) (AUTONOMIC DRUGS)

IVANOV, Yu.I.; PAKHMURNYY, B.A.

Effect of cortisone and prednizone on water distribution in the body. Probl. endok. i gorm. 11 no.5:71-74 S-O '65. (MIRA 19:1)

1. Kafedra farmakologii (zav. - prof. Ye.B. Berkhin) Altayskogo meditsinskogo instituta, Barnaul. Submitted December 20, 1964.

PAKHMURNYY, B.A.

Mechanism of the action of salsoline on urination. Farm.i toks. 24 no.2:204-207 Mr-Ap '61. (MIRA 14:6)

1. Kafedra farmakologii (zav. - dotsent Ye.B. Berkhin) Altayskogo gosudarstvennogo meditsinskogo instituta.
(URINE—SECRETION) (QUINOLINE) (VASOMOTOR DRUGS)

PAKHMURNYY, B.A.

Mechanism of action of acetylcholine on urination. Fiziol. zhur. 47 no.4:479-482 Ap '61. (MIRA 14:6)

1. From the Pharmacology Chair, Medical Institute, Barnaul.
(CHOLINE) (URINE—SECRETION)

BERKHIN, Ye.B.; PAKHMURNYY, B.A.

Effect of aminazine on the renal function. Farm. i toks. 23 no. 5:412-417 S-O '60. (MIRA 13:12)

1. Kafedra farmakologii (zav. - dotsent Ye.B. Berkhin) Altayskogo gosudarstvennogo meditsinskogo instituta.
(CHLORPROMAZINE) (KIDNEYS)