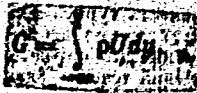


where  $\theta$  is defined by



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L 13523-65

ACCESSION NR: AP4037096

The Dorodnitsyn variables are introduced, and the mass conservation in the stagnation region is represented by

$$\sqrt{\lambda_{\text{H}} x_{\text{H}} / (\eta_{\text{H}})} + \sqrt{\lambda_{\text{B}} x_{\text{B}} / (\eta_{\text{B}})} = 0,$$

where  $\eta_{\text{B}}$ ,  $\eta_{\text{H}}$  - streamline coordinates for upper and lower flow region, and  $x_{\text{B}}$  and  $x_{\text{H}}$  - length of upper and lower stagnation zone boundaries. Numerical results are obtained for  $0 \leq \alpha \leq 30$ , and Mach numbers 2, 5, and 10.  $P_0/P$  versus  $\alpha$  curves shows that at small angles of attack base pressure rises slowly with increase in

ASSOCIATION: none

SUBMITTED: 13Feb63

SUB CODE: ME

NO REF SOV: 002

ENCL: 01

OTHER: 002

Card 2/3

L 13523-65  
ACCESSION NR: APL037096

ENCLOSURE: 01

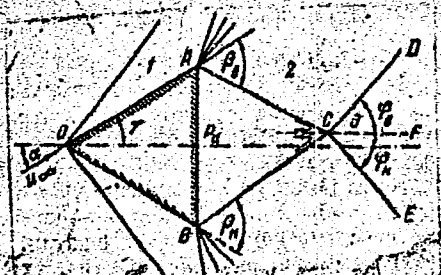


Fig. 1. Flow geometry

Card 3/3

8/0208/64, 004, 005/0990/0994

ACCESSION NO: APL045718

AUTHORS: Yermak, Yu. N. (Moscow); Keyland, V. Ya. (Moscow)

TITLE: Theory of three-dimensional laminar boundary layer

SOURCE: Zhurnal vy\*chislitel'noy matematiki i matematicheskoy fiziki, v. 4, no. 5, 1964, 950-954

TOPIC TAGS: differential equation, boundary layer, numerical solution

ABSTRACT: The authors obtain a generalization of the Krokko integral for a three-dimensional boundary layer. The creation of precise numerical methods for a two-dimensional boundary layer produced additional possibilities for solution of the three-dimensional case, when the three-dimensional problem reduces to two and one dimensions. In a neighborhood of a critical point on the run-off and flow lines, the problem essentially becomes one- or two-dimensional, and solution methods are known. The authors treat examples to illustrate this and give numerical results in a table. From the computations they obtain a simple formula for engineering applications. Orig. art. has: 7 formulas and 1 table.

ASSOCIATION: none  
Card 1/2

ACCESSION NR: AP4045718

SUBMITTED: 03Jan64

ENCL: 00

SUB CODE: MA

NO REF SOV: 007

OTHER: 002

Card 2/2

NEYLAND, V. YA.; TAGANOV G. I. (Moscow)

"Supersonic flow past bodies with separation regions"

Report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow 29 Jan - 5 Feb 64.

L 2147-66 EWP(L)/EWP(E)/FCS(R)/EWA(L) WW

ACC NR: AP5026682

SOURCE CODE: UR/0258/65/005/005/0812/0820

AUTHOR: Yel'kin, Yu. G. (Moscow); Neyland, V. Ya. (Moscow)

59  
B

ORG: none

TITLE: On calculation of the characteristics of laminar regions of separation

SOURCE: Inzhenernyy zhurnal, v. 5, no. 5, 1965, 812-820

TOPIC TAGS: laminar boundary layer, boundary layer separation, boundary layer transition, boundary layer thickness, heat flux, heat transfer, aerodynamics, hypersonic flow

ABSTRACT: A shock wave-boundary layer interaction is investigated by means of an approximate method involving a modified Karman-Pohlhausen approach. It is proved that this method makes it possible to determine pressure distributions in the case of flow separation when the length of the separated flow region is not much greater than the thickness of the separating boundary layer. An expression is derived for the critical pressure coefficient in the case of separation of the laminar boundary layer with various parameters of the layer. The calculated values of  $C_p$  versus  $M_0$  at various  $Re$  values, which are given in a graph, compare well with available experimental data obtained by others. The calculations of total and local heat fluxes in the region of separation show that the average heat flux to the bottom of the separation region, as well as its local maximum at the point of reattachment, increase with an

Card 1/2

UDC: 532.526.5

L 2147-66

ACC NR: AP5026682

increase in the length of the dividing streamline, then decrease after reaching a maximum. Orig. art. has: 5 figures and 39 formulas. [AB]

SUB CODE: ME/ SUBM DATE: 03May65/ ORIG REF: 000/ OTH REF: 000/ ATD PRESS: 4/22

Card 2/2 *dy*

L 08065-67 ENT(1)/EMP(7) WN

ACC NR: AP6034534

SOURCE CODE: UR/0421/66/000/005/0023/0029

AUTHOR: Bogolepov, V. V. (Moscow); Neyland, V. Ya. (Moscow)

ORG: none

TITLE: Convective heat transfer in radiating gas

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 5, 1966, 23-29

TOPIC TAGS: hypersonic aerodynamics, convective heat transfer, radiative heat transfer, light radiation effect, stagnation point, shock wave, thermal absorption

ABSTRACT: The problem of convective heat transfer in a steady uniform hypersonic viscous gas flow past a blunt body is considered with radiation taken into account. A detailed analytical investigation of a certain form of boundary-layer equations and boundary conditions corresponding to flows with "volume" luminescence and nearly similar flow regimes with a shock layer of small optical thickness. The solutions were sought in the stagnation region by the method of external and internal expansions in the small parameter  $\epsilon = \rho_{\infty}/\rho$  (density ratio across the shock wave) at  $M_{\infty} \rightarrow \infty$ , taking account of the emission and absorption of radiant energy. The equations and boundary conditions assume a

Card 1/2



L 08065-67

ACC NR: AP6034534

different form, depending on which of the dissipative processes-heat conductivity or absorption of radiation by the gas - is predominant in the narrow layer near the wall cooled at the expense of radiation. Solutions are presented for small but finite optical thicknesses of the inviscid shock layer and for the case when absorption is substantial only in the boundary layer and also for a feebly radiating gas with a shock layer of arbitrary thickness. Orig. art. has: 1 figure and 51 formulas.

SUB CODE: 20/ SUBM DATE: 16Mar66/ ORIG REF: 006/ OTH REF: 002/  
ATD PRESS: 5102

Card

212 *pla*

L 40804-66 EWT(1)/EWT(m)/EWP(m)/EWP(j) JAJ/RM/WH/JW

APR 66 10 321

SOURCE CODE: UR/0040/16/830/064/0674/0678

AUTHOR: Neyland, V. Ya. (Moscow)

ORG: none

TITLE: Solution of laminar boundary layer equations under arbitrary initial conditions

SOURCE: Prikladnaya matematika i mekhanika, v. 30, no. 4, 1966, 674-678

TOPIC TAGS: boundary layer <sup>theory</sup> ~~equation~~, laminar boundary layer, boundary layer <sup>equation</sup> ~~integration~~

ABSTRACT: Integration of the Prandtl boundary layer equation when the distribution of velocities and enthalpies in the initial section is nonuniform or of the boundary layer on bodies extending to infinity along the flow in both upstream and downstream directions is considered. In both cases, the known differential equations of a two-dimensional laminar boundary layer are taken, and it is shown that the point ( $\xi = \xi^0, \eta = 0$ ) is singular and that the application of any numerical method to their solution in the neighborhood of this singularity is not expedient (infinite compression of the computing net). To remove this obstacle, new variables are introduced by which the boundary layer equations are reduced to a form to which well developed numerical and analytical methods for integrating the boundary layer equations on finite or semi-infinite bodies in free uniform flows can be applied. Orig. art. has: 17 formulas.

Card 1/1/ SUB CODE: 01/ SUBM DATE: 31Jan66/ ORIG REF: 004715/ REP: 001/ ATD PRESS: 505 [LK]

MEYLAND, Ya.K., inzhener.

Running-in engines under optimum conditions prolongs their life  
and reduces lubricant consumption during operation. Vest.nash.  
35 no.11:38-40 N '55. (MLRA 9:2)

1. Moskovskiy avtomobil'nyy zavod imeni Stalina.  
(Automobiles--Engines)

SOVERS, E.; NEYLANDE, A., red.

[Silage conveyer] Skatbarības konveijers. Rīga: Latvijas  
Valsts izziņa, 1963. 28 p. [in Latvian] (SIRA 17: )

VYAZOV F.F., kand. sel'skokhoz. nauk; NEYLOVA I.V., mladshiy nauchnyy  
sotrudnik

Fattening swine on sugar beets in the forest-steppe of the  
Ukraine. Zhivotnovodstvo 23 no.3:25-29 Mr '61. (MIRA 12:1)

1. Vinnitskaya gosudarstvennaya sel'skokhozyaystvennaya opyt'naya  
stantsiya.

*Neumann, A.*

135-5-44-1471

AUTHOR: Peter Neumann, Dr. Sc., Professor, Director of Technical University

TITLE: A Conference on Welding in the German Democratic Republic  
(Konferentsiya po svarke v German'skoy Demokraticeskoy  
Respublike) Halle, 27-31 July 1987.

REFERENCE: Svarchnaya Priruchnaya Knizhka (1988)

A. Neumann, (Head of the Welding Technology TOIIS - the TOIIS Experimental  
Department), reported on "Strength and Endurance of Joints Welded under  
Flux and Their Calculation".

NEWMAN, A.

10/11/68 10:00 AM 10/11/68 10:00 AM 10/11/68 10:00 AM 10/11/68 10:00 AM  
10/11/68 10:00 AM 10/11/68 10:00 AM 10/11/68 10:00 AM 10/11/68 10:00 AM

NEYMAN, A.

Radio operators' contest in the Ladushkin district. Radio no.7:  
14 J1'55. (MIRA 8:10)

1. Predsedatel' Ladushkinskogo rayonnogo komiteta Dobrovol'nogo  
obshchestva sodeystviya armii, aviatsii i flotu.  
(Ladushkin--Radio operators--Competitions)



MEYMAN, A.A.

Material on the spawning of *Coregonus migratorius* Georgi in streams flowing into Maloye More (Lake Baikal). Vop. ikht. no. 5:53-60 '55.

(MLRA 9:5)

1. Sibirskoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo instituta ozernogo i rechnogo rybnogo khozyaystva, VNIORKh.  
(Baikal, Lake--Whitefishes)

KEYMAN, A.A.

Materials on the biology and fisheries of the Siberian herring  
(*Coregonus sardinella* Valenciennes) in the Yenisey Delta. Vop.  
ikht. no.11:58-68 '58. (MIRA 12:1)

1. Sibirskoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skego  
instituta ozernogo i rechnogo rybnogo khozyaystva.  
(Yenisey Delta--Whitefishes)

VINOGRADOV, L.G.; NEYMAN, A.A.

Acclimatization of lobsters in the U.S.S.R. [with summary in English]. Zool. zhur. 38 no.2:182-188 F '59. (MIRA 12:3)

1. Laboratory of Hydrobiology, All-Union Research Institute of Marine Fisheries and Oceanography, Moscow.  
(Lobsters)

NEYMAN, A.A.

Characyeristics of Cardiidae from the northern part of the  
Caspian Sea. Zool.zhur. 38 no.12:1891-1893 D '59.

(MIRA 13:5)

1. Chair of Invertebrate Zoology, Moscow State University and  
Laboratory of Hydrobiology, All-Union Institute of Marine  
Fishery Management and Oceanography.  
(Caspian Sea--Lamellibranchiata)

NEYMAN, A.A.

Feeding of the East Siberian lavaret in the Yenisey Delta. Zool.  
zhur. 39 no.3:417-423 '60. (MIRA 13:6)

1. All-Union Research Institute of Marine Fishery and Oceanography,  
Moscow.

(Yenisey Delta--Whitefishes)

(Fisheries--Food)

NEYMAN, A.A.

Quantitative distribution of benthos in the eastern part of the  
Bering Sea. Zool. zhur. 39 no.9:1281-1292 S '60. (MIRA 13:9)

1. All-Union Research Institute of Marine Fishery Management and  
Oceanography., Moscow.  
(Bering Sea--Benthos)

NEYMAN, A.A.

Vertical distribution of zoogeographical complexes of benthic fauna of the continental shelf and upper horizons of the slope in the eastern part of the Bering Sea. Okeanologia 1 no.6:1073-1078 '61. (MIRA 15:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo khozyaystva i okeanografii.

(Bering Sea--Benthos)

NEYMAN, A.A.

"Thalassa," the new oceanographic trawler of the French Scientific  
and Technological Institute of Marine Fisheries. *Océanologie* 1  
no.6:1101-1102 '61. (MIRA 1961)  
(Thalassa (Ship))



NEYMAN, A.A.

Growth characteristics of the East Siberian lavaret in the  
Yenisey Delta. Zool. zhur. 40 no. 2:286-288 P '61.

(MIFA 14:2)

1. Laboratory of Feeds Provision and Commercial Invertebrates  
of the All-Union Research Institute of Marine Fishery  
Management and Oceanography (Moscow).

(Yenisey Delta—Whitefishes) (Scales (Fishes))

NEYMAN, A.A.

Some characteristics of the distribution of benthos on the shelf  
of the Bering Sea. Vop. ekol. 5:145-147 '62. (MIRA 16:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo rybnogo  
khozyaystva i okeanografii, Moskva.

(Bering Sea--Benthos)

NEYMAN, A. A.

Dissertation defended in the Institute of Oceanography for the academic degree of Candidate of Biological Sciences.

"Quantitative Distribution of the Benthos Along the Shelf and in the Upper Levels of the Slope of the Eastern Bering Sea."

Vestnik Akad Nauk No. 4, 1963, pp. 119-145

NEYMAN, A.A.

Characteristics of the composition of marine bottom biocenoses.  
Zool. zhur. 42 no.4:618-621 '63. (MIRA 16:7)

1. All-Union Research Institute of Marine Fishery Management  
and Oceanography, Moscow.  
(Bering Sea—Benthos)  
(Bering Sea—Biotic communities)

NEYMAN, A.A.

Quantitative distribution of benthos on the shelf and in upper horizons of the slope in the eastern part of the Bering Sea. Trudy VNIRO 48:145-205 '63. (MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii.

FILATOVA, Z.A.; NEYMAN, A.A.

Biocenoses of the bottom fauna in the Bering Sea. *Okeanologiya* 3  
no.6:1079-1084 '63. (MIRA 17:4)

1. Institut okeanologii AN SSSR i Vsesoyuznyy nauchno-issledovatel'skiy  
institut rybnogo khozyaystva i okeanografii.

BEKLEMISHEV, Vladimir Nikolayevich, prof., zasl. deyatel' nauki;  
ZENILEVICH, L.A., otv. red.; NEYMAN, A.A., ved. red.

[Principles of the comparative anatomy of invertebrates] Osnovy sravnitel'noi anatomii bespozvonochnykh. Izd.3., perer. i dop. v dvukh tomakh. Moskva, Izd-vo "Nauka." Vol.1. [Promorphology] Promorfologiya. 1964. 431 p. (RISA 17:7)

2. Deystvitel'nyy chlen AMN SSSR (for Beklemishev).

BEKLEMISHEV, Vladimir Nikolayevich; ZERKEVICH, I.A., otv. red.;  
NEYMAN, A.A., ved. red.

[Principles of comparative anatomy of invertebrates] Os-  
novy sravnitel'noi anatomii bezpozvonochnykh. Izd.3.,  
perer. i dop. v dvukh tomakh. Moskva, Izd-vo. Vol.2.  
[Organology] Organologii. 1974. 444 p.

4114 1/100



GERSHANOVIKH, D.Ye.; NEEMAN, A.A.

Bottom sediments and bottom fauna of the East China Sea.  
Okeanologiya 4 no.6:1089-1095 '64. (MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo  
rybnogo khozyaystva i okeanografii.

W. GRAEV, L.D.; NEYMAN, A.A.

Geographic complexes, trophic zones, and marine biocenoses. Trudy VNIRO 57:425-445 '65.

(MIRA 1966)

MEYMAN, A.A.

Some regularities of the quantitative distribution of beaches  
on the shelves of the North Pacific. Trudy MIRA 57:427-451 1969.  
(MIRA 18:6)

NEYMAN, A.A.

Some data on the quantitative distribution of benthos on the  
continental shelf of Australia. Okeanologiya 5 no.1:142-146  
'65. (MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo  
rybnogo khozyaystva i okeanografii.

NEYMAN, A.A.

Quantitative distribution of benthos on the shelf of western  
Kamchatka and some problems of the methodology of studying it.  
Okeanologiya 5 no.6:1054-1059 '65. (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo  
rybnogo khozyaystva i okeanografii. Submitted July 2, 1965.



SOV-91-58-9-10/29

AUTHOR: Neyman, A.D., Engineer

TITLE: A Temperature Regulator Based on the MRShchPr -53 Instrument  
(Regulyator temperatury na baze pribora MRShchPr-53)

PERIODICAL: Energetik, 1958, Nr 9, pp 18-19 (USSR)

ABSTRACT: The MRShchPr.53 regulator consists of a measuring section (pyrometric profile millivoltmeter) and an electronic section (two HF generators using 6P3S tubes). To use the device as a temperature regulator for the dust cloud of ball rattlers in thermal electric plants, it must be fitted with a feedback coupling system. The millivoltmeter was removed from the body and replaced with an LPr-53 logometer. The feedback coupling system consists of a rheostat wound on the ceramic base of the position indicator potentiometer. The operation of the feedback coupling is described. Regulators of this type have been tried out for more than a year and have proved very reliable. There is 1 circuit diagram and 1 figure.

1. Temperature control--Equipment
2. Steam power plants--Equipment

Card 1/1

8(6), 9(2)

SOV/91-59-10-16/29

AUTHOR Neyman A. D., Engineer

TITLE Electronic Regulator of Temperature, Type ER-S  
Without Magnetic Amplifier

PERIODICAL Energetik, 1959, Nr. 10, pp 20-21. (USSR)

ABSTRACT At the author's electric power station, it was decided to use for temperature regulation of air-mixture in ball mills, the regulators Type ER-Sh. A magnetic amplifier was required for this purpose. The latter not only amplifies the generated quantity, but also transforms the signal of direct current into alternating current, which is of importance only for ER-T regulators because they work from thermocouples. This stipulated selection of a resistance thermometer, as a sensitive element of the regulator ER-Sh, and operation of the whole layout on alternating current. In this case, the generated quantity of the measuring layout can be supplied to the electronic unit input, that is, a magnetic amplifier is not necessary. The measuring scheme of the temperature regu-

Card 1/3



SOV/91-59-10-10/29

Electronic Regulator of Temperature, Type ER-S, Without Magnetic Amplifier

lator is given in a diagram; it is a bridge circuit layout. As a source of tension, half of the variable inductor feed coil was used. The "sensitivity" rheostat of the variable inductor was used for regulation of tension in the feeding diagonal of the bridge. As a magnetic amplifier possesses a large coefficient of amplification (of order 300-400), and the transformer in the layout ER-Sh has a coefficient equal to only 15, it was necessary to take some measures in order to increase the regulator sensitivity. To this end, the following alterations were made: 1) Instead of an ordinary resistance thermometer, a double one was used, 2) bridge circuit parameters were selected so that a maximum sensitivity was attained; 3) the second cascade of the electronic unit was transferred to direct current; 4) a rectifier consisting of two germanium diodes was switched into the anode circuit of the second tube; each of the diodes was by-passed by a 100 k ohm resistance; 5) the 10 mcf capacitor by-passing the coil of the polarized relay

Card 2/3

SOV/91-09-10-10/29

Electronic Regulator of Temperature, Type ER-3, Without Magnetic Amplifier

was switched onto filtration of rectifying tension, and, instead, a 1 mcf capacitor was engaged. As a result the regulator dead space attained the value  $0.3^{\circ} - 0.6^{\circ}\text{C}$ ; for temperature regulation of air-mixture in ball-mills a dead space of  $1^{\circ} - 1.5^{\circ}\text{C}$  is sufficient. There is 1 diagram.

Card 3/3

LIPETS, A.U.; LAKHMANLOS, A.I.; YAKHILEVICH, F.M.; VIKHOREV, N.P.;  
MAKAREVICH, I.Z., inzh.; NEYMAN, A.D., inzh.; PERSHIN, V.I., inzh.

Experience in redesigning the steam superheating control system  
of operational high-pressure boilers produced by the Ordzhonikidze  
Cent. Elek.sta. 32 no.6:72-78 Je '61. (MIRA 14:8)  
(Boilers)

MISHCHENKO, Georgiy Leonovich; MEYDAN, Aleksandr Ivanovich;  
KHAS'YAN, I. I., red.; KASHIN, I. I., red.

[Technology of the treatment and coloring of the surface  
of furniture] Tekhnologiya obrabotki i okraseniya  
elementov mebeli. Moscow, Izdat. "Mashinostroyeniye,"  
1974. 242 p.

ROZENFEL'D, L.M., kand.khim.nauk; BEN'YAMINOVICH, I.M., laureat Leninskoy premii; BEREZIN, N.N.; MEYMAN, A.G.; VASIL'YEVA, T.D.

Possibilities of using acid blast-furnace and open-hearth waste slags for the production of cellular concretes. Stroi. mat. 9 no.2:26-28 F '63. (MIRA 16:2)

1. Nauchno-issledovatel'skiy institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR (for Rozenfel'd, Vasil'yeva).
2. Glavnyy inzh. Gosudarstvennogo tresta stroitel'nykh predpriyatiy g. Nizhniy Tagil (for Ben'yaminovich), 3. Nachal'nik tsentral'noy laboratorii Gosudarstvennogo tresta stroitel'nykh predpriyatiy g. Nizhniy Tagil (for Berezin).  
(Slag) (Lightweight concrete)

ROZENFEL'D, L.M., kand. khimicheskikh nauk; NEYMAN, A.G., inzh.;  
VASIL'YEVA, T.D., inzh.

Cementless autoclaved gas concrete made with fly ash and  
acid slags. Trudy NIIZHB no.32:178-202 '53.

(MIRA 17:1)

ROZENFELD, L.M., kand. khim. nauk; NEYMAN, A.G., inzh.; VASIL'YEVA,  
T.D., inzh.

Autoclave processing, phase composition, and physicochemical  
properties of gas-slag concrete. Stroi. mat. no.11 26-28 N '65.  
(MIRA 18:12)

NETMAN, A. M.

107 The Radioactive Isotopes of Phosphorus. B. G. Dzantiev and A. M. Nelman. Uspekhi Fiz. Nauk 39, No. 3, 338-73(1949)(in Russian).

The following topics are discussed in this article: (1) the isotope  $P^{32}$ , (2) its separation from the carbon bisulfide target, (3) the dependence of the yield of  $P^{32}$  upon the energy of the neutrons, (4) the period of decomposition of  $P^{32}$ , (5) the isotope  $P^{30}$ , (6) the dependence of the yield of  $P^{30}$  upon the energy of the  $\alpha$ -particles, (7) extraction of a stable isotope of  $P^{32}$ , (8) the period of semi-decomposition of  $P^{32}$ , and (9) the isotope  $P^{31}$ .

ASS. 51A METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED MAP ONY GRC REELBYONE REELBY ONE ONY 151

SEARCHED MAP ONY GRC REELBYONE REELBY ONE ONY 151



SEBAD, L. M., GLAZUNOV, M. F. and NEYMAN, A. M.

*NE Y M I N A . A . M .*

"Morphological and Experimental Data Characterizing the Pre-Cancer Stage in Various Tissues and Organs of the Animal Organism."

Priroda, 1958, Nr 5, pp 57-59, (USSR)

A-U

Report presented at 2nd ~~XX~~ Congress of Oncologists, Jan. 1958,

NEYMAN, A. S.

Moscow State Inst. of Epidemiology and Bacteriology, (-1944-)

"Efficiency of the Typhus vaccine, after Clinical Data, "

Zhur. Mikrobiol., Epidemiol., i Immunobiol., Nos. 2-2, 1944.

NEYMAN, A. S.

Moscow State Inst. of Epidemiology and Bacteriology, (-1944-)

"Epidemiological materials concerning efficiency  
of the vaccine against typhus exanthematicus,"

Zhur, Mikrobiol., Epidemiol., i Immunobiol., Nos.7-8, 1944.

MEYMAN, A. V., jt. au.

Psychoses and diseases of the nervous system; textbook. 4. ispr. izd. Rekomendovan dlia srednikh med. shkol. Moskva, Medgiz, 1950. (Mic 55-3184)  
Collation of the original, as determined from the film: 199 p.

Microfilm Slavic 303 RC

BLYUMBERG, I.B.; IVANOVA, V.G.; NEYMAN, A. Ye.; PEKUS, M. Ya.

Kinetics of fixing of photographic materials. Zhur. nauch. i prikl.  
fot. i kin. 6 no.1:39-49 Ja-F '61. (MIRA 14:3)

1. Institut kinoinzhenerov, Leningrad (LIKI).  
(Photography--Fixing)

LANTUKH, V., inzh.; NEYMAN, B., inzh.; KUZ'MIN, A., inzh.

A radiometer with universal power supply. Radio no.1:44-45, 48  
Ja '63. (MIRA 16:1)  
(Radiometer) (Radioactivity—Safety measures)

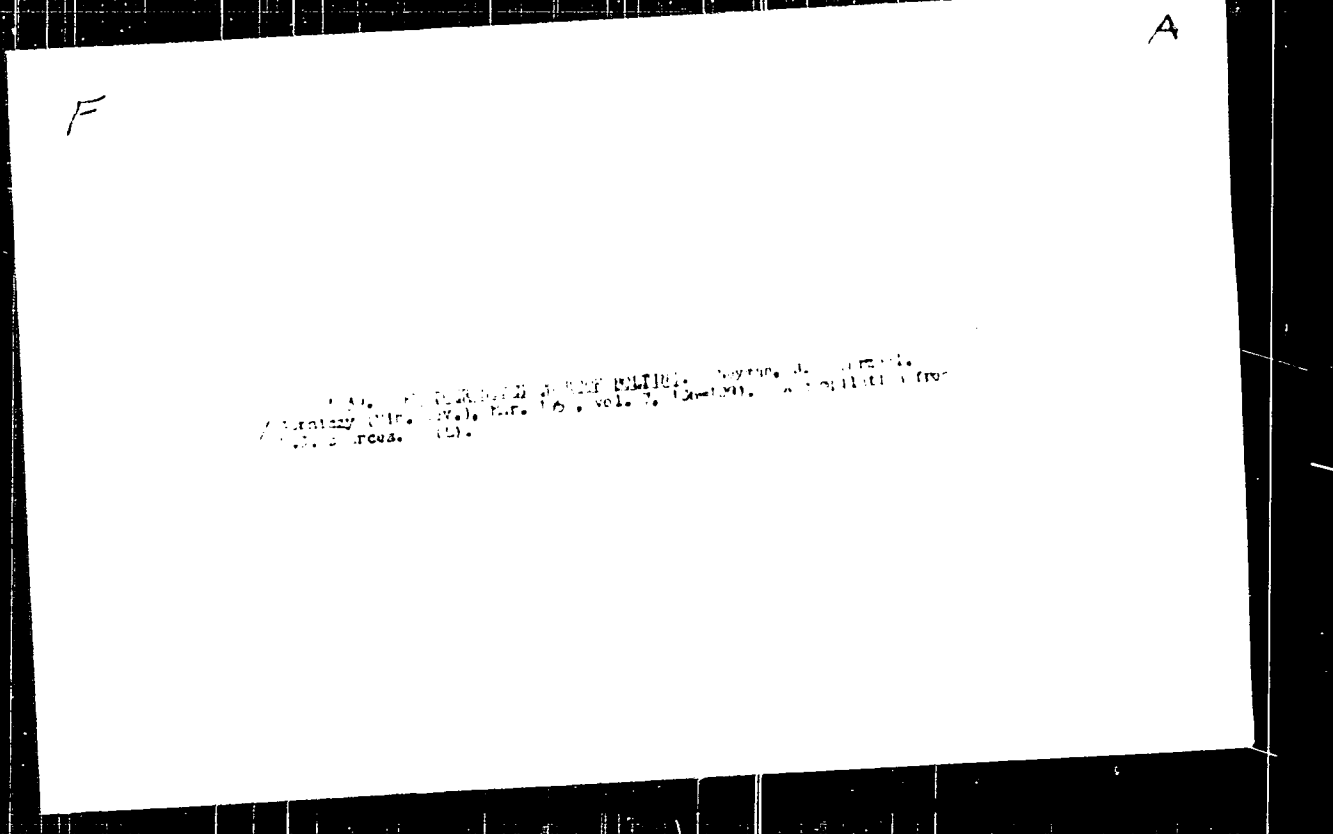
NEYMAN, B.

Neyman B.

Neyman B., Eng. "Improvement of Conditions in Excavations by the Controlled Transference of Roof Load." (Polepszenie warunkow utrzymania wyrobisk podlegajacych regulowanemu przenieszeniu obciazen stropu). Przegląd Gorniczy, No. 6, 1951 pp. 309-315.

Development of the theory of roof load produced above the mine excavations and its practical application by the North of England Safety in Mines Research Committee. Theoretical principles for determining the safe roof-load span in lowwall workings. Practical conclusions. Results of systematic research into possibility of roof load transference in narrow excavations on the basis of the above theory.

SO: Polish Technical Abstracts - No. 2, 1951





HEYMAN, B.

"Some crosses of the Brecklowe of pine reefs and methods of breeding against them."  
W. Heyman, "Breeding, Entomol., Vol. 1, No. 1, 1940, p. 11"

Re: Western European Accessions List, No. 1, No. 2, Oct 1940, Div. of Entomology

Neyman, B.

U.S.R.	068. MAINTENANCE OF LONELY HEADINGS (Stalinograd Press Glav. Inst. Gen. (Cont.) 1954, Komsomol, 157, 16pp.). A record of the different methods of support. (L).	IN REAL THINGS. Neyman, B. chief Inst. Min. 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000.
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NEYMAN, E.

NEYMAN, E.; ADAMEK, R.

"Surface mining." Biuletyn. p. 3. (irzegląd Gorniczy, Vol. 10, no. 3, Mar 54, Stalinograd)

SO: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress Jun 54 Uncl

NEYMAN, R.

Development of standardization in Polish mining. p. 217. (PIERCECŁAD GOFNICZY,  
Vol. 10, No. 6, June 1964, Stalinozrod, Poland)

SO: Monthly List of East European Accessions, (EEAL), IC, V-1, 3, No. 12, Dec.  
1964, Uncl.

No. 160, 1954.

Neyman, B. Measuring the pressure on the air rings and the sagging of the roof  
in wall-cutting. P. 3, No. 160, 1954, KOMUNIKAT

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, Vol. 4, LC, No. 9, Sept. 1955,  
Uncl.

Neyman, B.

12. PREVENTING EXCESSIVE ROCK PRESSURE, Neyman, B. (Miod. Gorn. (Min. Bull., Stalinograd), Sept. 1955, 250-253). The proposed methods for preventing excessive rock pressure in mine workings are as follows:- 1. Careful planning of work in individual seams, both in time and in space; 2. Avoidance of leaving pillars or pockets of coal in the worked-out areas; 3. Extracting the coal throughout the thickness of the seam; 4. Careful stowing of goafs, preferably by solid stowing; 5. Relieving from pressure seams which are dangerous as regards outbursts by working a non-dangerous seam above or below them. N.C.B.

NEYMAN, B.

TECHNOLOGY

PERIODICAL: PRZEGLAD GORNICZY. Vol. 14, no. 1, Jan. 1958.

NEYMAN, B. The problem of standardizing mine cars. p. 39.

Monthly List of East European Acquisitions (EASL) Vol. 3, no. 4  
April 1960, Unclass.

NEYMAN, Bogdan, doc.,mgr.,inz.; KWIATEK, Jerzy, mgr.,inz.

Reinforced concrete lining of uniform resistance. Przegl. gorn 17  
no.10:523-526 0 '61.



NEYMAN, Bogdan, doc. mgr inz.; JARZABEK, Lidia, mgr inz.; LASTOWICZ, Teresa,  
mgr inz.

Physical and mechanical properties of rocks with consideration of  
the hydrogeological conditions of the iron ore deposits in the Cze-  
stochowa region. Glow inst gorn prace no.343/351:71-83 '64.

1. Central Mining Institute, Katowice.

I 22703-6 EWT(1) SCTB DD/CS/JXT(RH)

ACC NR: AT6009454

SOURCE CODE: UR/0000/65/000/000/0381/0382

AUTHOR: Neyman, B. A.

ORG: none

53  
BT1

TITLE: Possible interaction of a magnetic field and biological subjects

SOURCE: AN SSSR. Nauchnyy sovet po komplektsnoy probleme Kibernetika. Bionika (Bionics). Moscow, Izd-vo Nauka, 1965, 381-382

TOPIC TAGS: medical experiment, magnetic field, biophysics, blood pressure, water, earth magnetic field

ABSTRACT: The author conducted several experiments with a magnetic field acting on flowing water, and then used the water for various purposes. Concrete prepared with the magnetically treated water displayed greater strength, and the height of plants was affected by the treated water. These changes are explained by the fact that water, a structured fluid, undergoes structural changes. In experiments with a magnetic bracelet placed on the arm of a human subject, interaction of the magnetic field and blood flow produced blood pressure changes. The author points out that all living organisms are subject to the yearly and diurnal variations of the earth's magnetic field. The "physiological clock" of organisms is not an endogenous development but a cosmic one. Actually it represents a reflex corresponding to the changes of the earth's magnetic field. An orientation mechanism based on these changes

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L 22703-66

ACC NR: AT6009454

appears to be inherent to all living organisms and possibly is included in the genetic code. [06]

SUB CODE: 06/ SUBM DATE: 26Oct65/ ORIG REF: 002/ ATD PRESS: 4229

Card 2/2

*PK*

SHAMOV, V.N.; RABCHIN, I.S.; BADMAYEV, K.N.; CHAYKA, T.V.; MANDEL'BOYM, A.B.;  
HEYMAN, B.G. (Leningrad)

Some observations on radiogold therapy in inoperable cerebral  
tumors. Vop.neirokhir. 23 no.3:1-6 My-Je '59. (MIRA 12:8)

1. Nauchno-issledovatel'skiy neyrokhirurgicheskiy institut  
imeni prof.A.L.Polenova.

(BRAIN NEOPLASMS, ther.

radiogold in inoperable tumors (Rus))

(GOLD, radioactive,

ther. of cancer of brain, inoperable cases  
(Rus))

LENGAUER, N.A.; ZIL'BERMAN, D.B.; YANOVSKIY, A.D.; KAMENETSKAYA, I.Ya.;  
KRASHENINNIKOVA, N.G.; CHECHIK, E.A.; NEYMAN, B.G.; KORKUSHKO,  
O.V.

Organization and first results of the work of a specialized team  
to control thrombotic complications in Kiev. Vrach.delo no.1:108-  
109 Ja '63. (MIRA 16:2)

1. Kiyevskaya stantsiya skoroy meditsinskoy pomoshchi.  
(KIEV--THROMBOSIS) (KIEV--EMBOLISM)

NEYMAN, Bogdan, doc. mgr inz.

Rock bursts in Upper Silesian coal mines. Glow inst gorn prace  
no.342:1-46 '64.

NEYMAN, Bogdan, doc. mgr. inz.

Interrelations between the phenomena of rock bursts and quakes  
in Upper Silesia. Przegł. gorn. 2, no. 11: 552-558 N 1961.

MARKOV, V.Ye., inzh.; REKUS, G.G., inzh.; CHIRKOV, M.T., inzh.; BOGOLEPOV,  
K.G., inzh.; NEYMAN, B.S., inzh.

EPL-6 electric pump with immersed electric engine. Mekh. i elek.  
sots. sel'khoz. 17 no.2:45-46 '59. (MIRA 12:6)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche im. Baumana (for  
Markov, Rekus, Chirkov). 2. Moskovskiy elektromekhanicheskiy zavod  
Ministerstva sel'skogo khozyaystva SSSR (for Bogolepov, Neyman).  
(Pumping machinery)



MARKOV, V.Ye., inzh.; REKUS, G.G., inzh.; CHIRKOV, M.T., inzh.; BOGOLEPOV,  
K.G., inzh.; NEYMAN, B.S.

Electric pulley block with planetary gear. Mekh.i sots.sel'khoz.  
17 no.7:50-51 '59. (MIRA 13:4)

1. Moskovskoye vysshaye tekhnicheskoye uchilishche im. Baumana  
(for Markov, Rekus, Chirkov) 2. Elektromekhanicheskiy zavod  
Moskovskogo sovnarkhoza (for Bogolepov, Neyman).  
(Pulleys)

NEYMAN, B.Ya.

Current publication of informational material. NTI no.4:3-6 '63.  
(MIRA 16:10)

NEYMAN, B.Ya.

Using tape recorders to promote scientific progress and advanced  
practices. NTI no.11:7-8 '63. (MIRA 17:2)

POLAND/Microbiology. Hemoglobinophilic Bacteria 1-5  
Microbes of Tularemia

Iss Jour : RLF Zhur - Biol., No 14, 1958, No 2428

Author : Kosinska Elwira, Heyman Bazimierz, Panna  
Jozef.

Inst : -

Titl : Diagnosis of Tularemia with the Help of Tularin

Orig Pub : Polski tygod. lekar., 1956, 11, No 41, 1752-1761

Abstract : Described are the first cases of tularemia in  
the Poznan district. The diagnosis, in all  
cases, was confirmed by intracutaneous aller-  
gic reactions with tularin U, obtained by  
way of disintegration of tularemia microbes with  
ultrasound. Tularin U, a specific and sensi-  
tive diagnostic allergen, is nontoxic, acts  
rapidly (in 5-10 hrs), and gives a rapidly  
passing and very weak general reaction -- ....

Gruzman

Curr : 1/1

MEYMAN, D.S.

**Nickel plate free from pinholes** I. M. I. Yanitskoy and D. S. Neyman. *Trans. Leningrad Ind. Inst.* 1939, No. 1, Sect. *Met.*, No. 1, 3-21. — When a pure electrolyte containing 150 g./l. of NiSO<sub>4</sub>·7H<sub>2</sub>O is used, the chief causes for pinholes in Ni plate are poor prepn. of the cathode surface and the wrong pH. Nonporous deposits firmly bonded to be and steel are obtained if, in cleaning, the degreased cathode surface is dipped in HCl of 20% (addn. of 5% K<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub> is desirable) for 10 min before plating. Optimum conditions for electrolysis are: NiSO<sub>4</sub>·7H<sub>2</sub>O 250, NiCl<sub>2</sub>·6H<sub>2</sub>O 8, H<sub>2</sub>BO<sub>3</sub> 30 and H<sub>2</sub>O 1000 g./l., pH 1.5-2.0, cathode c. d. 15-20 amp. sq. dm., temp. 45-50°. The peripheral speed of the cathode should be 95.0 m./min. If a stationary cathode is used, the electrolyte should be stirred. Presence of Cu in excess of 0.1 g. l. causes dark nodules in the deposit. Fe above 1 g. l. and Cd above 0.5 nodules in the deposit. With 1 to 100 g. l. of MgSO<sub>4</sub> mat but silver white deposits are obtained. The min. thickness above which anodes were not observed was 25 μ. B. Z. Kamich

ASS. 31.4 METALLURGICAL LITERATURE CLASSIFICATION

NEYMAN, D.S., inzhener.

Marine corrosion stations abroad. Sudostroenie 22 no.6:42-44 Je '56.  
(MIRA 9:9)

(Ships, Iron and steel--Corrosion)

WYMAN, S., doktor

Disorders of keratinization (dyakeratosis) causing chronic  
recurrent eczema. Vestn. dermat. i ven. no. 1 38-31 '65.

(MIFA 18-10)

1. 1-ya klinika kozhnykh i venericheskikh bolezney Irazh'skogo  
universiteta (zav. kafedroy i klinikoy -- prof. Ya. Konopik).

NEYMAN, E. A.

NEYMAN, E. A. -- "Content of Tannins in the Bark of Growing Willow and the Possibility of Their Artificial Increase." Latvian Agricultural Academy, 1948. (Dissertation for the Degree of Candidate of Technical Sciences)

SO: Izvestiya Ak. Nauk Latvyskoy. SSR, No. 9, Sept., 1955



NEYMAN, E. D.

"Voltage Regulation Using Barium Titanate Condensers", Elektrichestvo,  
no. 7, 1949. Engr, Physic Inst. Im. Lebedev, Dept. Physico-Math. Sci.,  
Acad. Sci., -c1949-.

ACCESSION NR: AT4942298

S/0000/63/003/000/0203/0207

AUTHOR: Dorofeyev, V.S., Neyman, E.T.

TITLE: Design of valveless liquid-metal systems

SOURCE: Soveshchaniye po teoreticheskoy i prikladnoy magnitnoy gidrodinamike. 3d, Riga, 1962. Voprosy\* magnitnoy gidrodinamiki (Problems in magnetic hydrodynamics); doklady\* soveshchaniya, v. 3. Riga, Izd-vo AN LatSSR, 1963, 203-207

TOPIC TAGS: pump, liquid metal pump, valveless system, electromagnetic pump, pump testing

ABSTRACT: The article deals with certain problems in the design and operation of experimental liquid-metal systems, the primary purpose of which is the testing of electromagnetic pumps and the plotting of their characteristics. The authors advocate simplification of some of the assemblies, for example, doing away with the bellows-type liquid-metal thermostat valves, in order to shorten the test periods of the electromagnetic pumps. It is pointed out that these bellows-type thermostatic liquid-metal valves can be eliminated altogether if the choking valves are replaced by electromagnetic pumps and the stopper valve by the excess pressure of the inert gas in the overflow tank, which is simultaneously the melting tank. The operations of filling and draw-off of the

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ACCESSION NR: AT4042298

metal from the system reduce, in this case, to a mere manipulation of the gas valves on the control panel. Difficulties arising from a change in the pressure of the inert gas (determining the level of the metal in the system) as the temperature of the metal changes during the operation of the system are discussed and techniques for their elimination are proposed. Suggestions are presented for methods of measuring the pressure of the metal in the circuits involving the use of manometers with argon pads. Purity requirements in sodium systems are also discussed. A description is given of the valveless experimental systems DU-25 and DU-40, developed at the Institut fiziki Akademii nauk Latvyskoy SSR (Institute of Physics of the Academy of Sciences of the Latvian SSR) and designed to be used in electromagnetic pump testing (see Figure 1 of the Enclosure). In the pressure measurement system conventional gas manometers of accuracy class 1.5 were used. The internal diameter of the expansion cavities was 40 mm, and their height - 500 mm. The results of the pressure measurements showed rather good agreement with calculated values. The system contained two electromagnetic pumps: the basic pump (for choking) and the one to be tested. The channel of the basic pump was connected to the system. The system was heated by a nichrome heater. Level measurements were made by the contactless

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ACCESSION NR: AT4042298

method by means of electromagnetic sensors. The DU-40 system functioned successfully for 400 hours at metal temperatures of 200 - 570C; after this, the test pump was replaced and the condition of the sodium in the fill tank was checked. Further use of the system for an additional 900 - 1000 hours was found to be possible. Adjustment of the sodium level in the system may be conveniently accomplished by varying the amplitude of the current in the heaters of the fill tank, thus leading to a change in the temperature and pressure of the gas in the tank itself. Orig. art. has: 3 figures.

ASSOCIATION: none

SUBMITTED: 04Dec63

ENCL: 01

SUB CODE: IE

NO REF SOV: 000

OTHER: 000

3/4

Card

ACCESSION NR: AT4042298 6 ENCLOSURE: 01

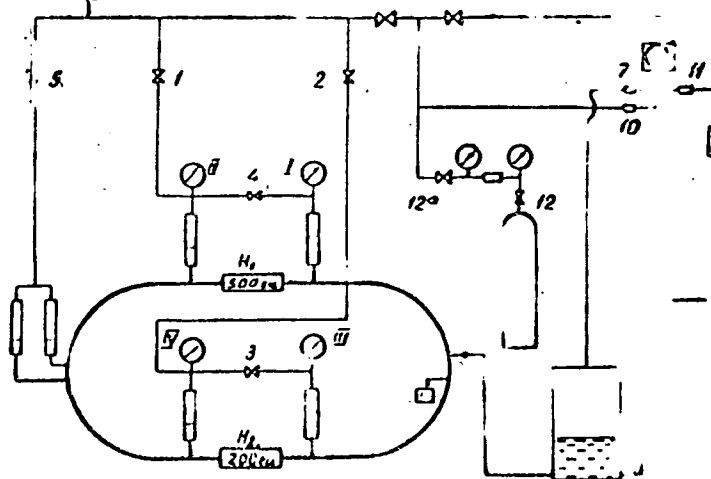


Figure 1. Basic diagram of the DU-40 system: 1 - 12<sup>u</sup> - gas and vacuum valves; I-IV - manometers; H<sub>1</sub> - electromagnetic pump supplied by 500-cycle generator; H<sub>2</sub> - electromagnetic pump supplied by 200-cycle generator; BH - vacuum pump.

4/4

NEYMAN, F. I.

"The Relation of the Pulmonary Tissue of Dogs to Sugar and Lactic Acid after Intravenous Injection of Insulin," F. I. Neyman, A. V. Sokolov, Bull Biol Med Exptl URSS, IX, pp 491-3, (1940) (SEE: Inst. Insect/Fungi. in Ya. V. Samoylov)

SO: U-237/49, 8 April 1949

BELOUS, N.; NEYMAN, G.

Magnetic separators for detecting metal fragments. T8ement 26  
no. 6:26 L-D '60. (MIRA 13:12)  
(Magnetic separation of ores) (Portland cement)

MEYMAN, G. P. and DOBROVOLN'KAYA, N. N.

"Accumulation of Rubber in Taraxa and Kok-saghyz during Storage.,  
Dokl. v-s Akad. Sel'sko-Khoziaistvennykh Nauk im. V. I. Lenina, No. 12, pp. 29-32,  
1940.



NEYMAN, G. B.

"Effect of Cultivation upon the quality of rubber in Kok-sagyns' roots,"  
Dokl. V-s Akad. sel'ko Khoz. Nauk im. V. I. Lenina, 1941, no. 9, pp. 12-13.

RAKOVYANU, V. [Rakoveanu, V.], prof.; NEYMAN, G. [Neiman, G.], d-r;  
MUNTENESCU, M. [Muntenescu, M.], d-r (Bukarest, Rumyniya)

Study of labyrinthine syndromes of influenzal origin. Vest.  
otorin. no.6:67-72 '61. (MIRA 15:1)  
(INFLUENZA) (LABYRINTH (EAR)—DISEASES)

5 C. 6

NEWMAN, G. [B.]

9. Planting

Qualitative changes in the rubber of guayule during storage G. NEWMAN and A. SOSSOVKA (Proc. Intern. Acad. Agr. Sci., 1944, No. 11-12, 167; Hort. Abs., 1940, 16, 34). Sheaves of

guayule were baled under pressure and the bales stacked where they were protected from the weather. The stack was found to be in good condition when samples were taken for test. Nevertheless, after the viscosity and other properties indicative of quality had been tested, it was concluded that a period of storage in the stack exceeding 45 to 50 days caused a big drop in quality of rubber. Such deterioration could not be attributed to an increase in the proportion of resins, or a decrease in that of rubber; but no attempt was made to detect changes in the hydrocarbon itself, where, it is believed, the real cause is likely to be found. 1223

1946

1947  
NEYMAN, G. B.

Productivity of kok-saghyz plants with large-sized roots. G. B. NEYMAN and A. H. AVSAROV (Proc. Lenin Acad. Agr. Sci. U.S.S.R., 1947, No. 4, 16-19; Hort. Abs., 1947, 17, 187). Trials were carried out with a selection of kok-saghyz No. 485 sown in rows without spacing. This hindered increase in size of the roots, yet the roots were significantly larger and the yield of rubber higher in comparison with improved selections. Moreover, No. 485 ripens late, and is characterized by a continued increase in size of roots and of rubber. It is thus recommended for those regions where kok-saghyz when grown as one-year plant should not be harvested early. (Our reference 1947-22)

12283

S.C.L.

NEYMAN, G. B.

*1. Planting*

Experiments on tetraploid *kak-saghis* in an open field. G. B. NEYMAN and I. I. BOGRAD (Proc. Lenin Acad. Agric. Sci. U.S.S.R., 1947, 12, No. 4, 8-10; Chem. Zentr., 1947, 110, 1236; Rev. Gén. Caout., Doc. Anal., 1948, 28, 3).—A comparative study has been made on a diploid form of *kak-saghis*, a tetraploid form, and an intermediate type. The diploid type gave 47.9 kg. of rubber to the hectare while the tetraploid type provided only 29.1 and the intermediate type, 20.3 kg. per hectare. 1228.32

1948

Research Assoc.  
Burt-Rubber Infos.  
Rubber Abstracts

NEYMAN, G. B.

PLANTING

Influence of planting density on the size of hub  
saghts roots. G. B. NEYMAN (Proc. Lenin Acad.  
Agr. Sci. U.S.S.R., 1947, 13, No. 10, 16-22; Chem.  
Abstr., 1948, 44, 1257; Rev. Gen. Chem., 1948,  
25, 1496). Dense planting does not lead to a  
decrease in the size of the root, but to the  
increase in the production of larger roots. 1228

1949

NEYMAN, G. B.

"Test of Spring Planting of Lok-Sagyz Slips," Dok. v-s Selkhoz. Nauk,  
No. 3, 1948. Dr. Biological Sci. Mbr. All-Union Inst. Plant Studies,  
-c1948-.

1991, G. S.

Agriculture

Kok-saghyz. Moskva, Sel'khozgiz, 1991.

Monthly List of Russian Accessions, Library of Congress, November, 1992. UNCLASSIFIED.



NEYMAN, G.B., doktor biologicheskikh nauk; VOLKOV, P.A., kandidat tekhnicheskikh nauk; PTSITSYNA, L.V.

Checkrow planting of sugar beets using furrow openers with forced dropping and free falling of seeds. Dokl.Akad.sel'khoz.21 no.6:3-7 '56. (MLRA 9:9)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii sel'skogo khozyaystva. Predstavlena akademikom I.V.Yakushkinym. (Sugar beets) (Planters (Agricultural machinery)

NEYMAN, G.B., doktor biologicheskikh nauk.

Efficiency rating of potato harvesting machines. Dokl. Akad.  
sel'khoz. 21 no.10:44-47 '56. (MLRA 9:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii  
sel'skogo khozyaystva. Predstavleno akademikom. I.V. Yakushkinym.  
(Potatoes--Harvesting) (Agricultural machinery)

USSR/Cultivated Plants - Potatoes, Vegetables, Melons.

11.

Abs Jour : *Rev Zhur - Biol.*, No 10, 1957, 44131

Author : *Nejman, G.B.*

Inst : All-Union Academy of Agricultural Sciences Inst. K...  
Timiryazev

Title : The Square-Pocket Sowing of the Carrot and Table Beet.

Orig Pub : *Dokl. VASKHNIL*, 1957, No 7, 16-19

Abstract : The winter carrot and the table beet sown by the square-pocket and by the two-strip method. The distance between the bunches was 45 cm and between the strips 90 cm with the distance of 20 cm between the rows within each strip. The carrot crop in the square-pocket method comprised 292.4 centners/ha and in the two-strip method 179.6 centners/ha. The best crop was 347.6 and 254.4 centners/ha

Card 1/2

NEYMAN, G.B.

USSR/Cultivated Plants - General Problems.

M-1

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91583

Author : Neyman, G.B.

Inst : -

Title : Agrobiological Basis of Square-Pocket Sowing.

Orig Pub : Vestn. s.-kh. nauki, 1957, No 8, 67-73.

Abstract : Cluster sowing provides the crops with better exposure to the sun, and the root nourishment conditions are better in the bunch. When the crops are in square-pockets a washing of the soil between the rows both crosswise and lengthwise not only destroys the weeds, but also provides better penetration of air and precipitation deeper into the soil, as well as keeping moisture from evaporating. As a result of better soil ventilation and moisture accumulation the biological processes are intensified, particularly the accumulation of nitrates in the soil. -- S.A. Brushlinskiy.

Card 1/1