USSR/Virology. Human and Animal Viruses.

E-3

Abs Jour: Ref. Zhur.-Biol., No 7, 1957, 28723.

Author : Shen, R.M., Orlova, N.N., Turevich, S.T., Nazarov, V.A., Beżelyuk, M.I.

the same strain and is somewhat higher than the standard phenolated vaccine used for animal immunization. The authors recommend a dried formolvaccine treated by calcium phosphate for veterinary practice.

Card : 2/2

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NAZAROV, V.A.

Changes in conditioned reflex activity in offspring of dogs exposed to the long-term effects of Sr 90. Med.rad. 4 no.9:
13-17 S '59. (MIRA 12:11)

(STROMSTIUM radioactive)

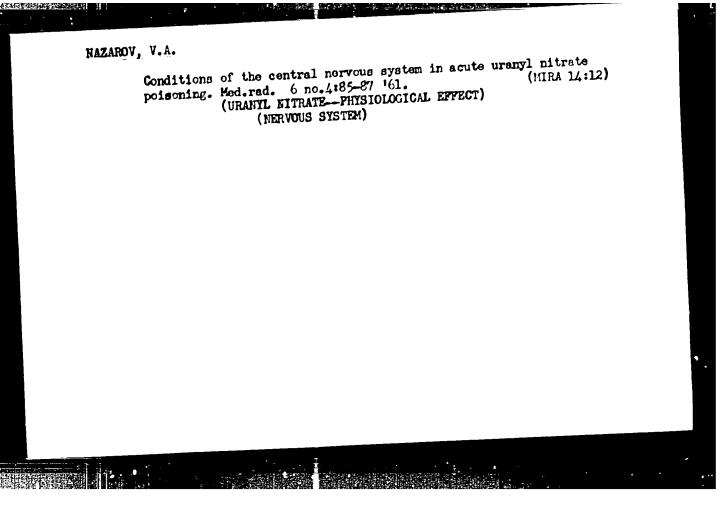
(REFLEX COMDITIONED radiation eff)
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NAZAROV, V.A.

Disorders in the higher nervous activity of the progeny of dogs previously exposed to prolonged chronic internal irradiation by beta rays of $3r^{90}$. Radiobiologiia 1 no.3:412-417 '61.

(MIRA 14: 12)

(STRONTIUM_ISOTOPES) (CEREBRAL CORTEX)



40475

S/205/62/002/002/009/015 1020/1215

AUTHOR

Nazarov, V A

32 3 42.2

TITLE

Deviations in higher nervous activity in the second generation offspring of dogs subjected to chronic internal irradiation with β -rays from Sr⁹⁰

PERIODICAL

Radiobiologiya, v 2, no 2, 1962, 287-292

TEXT The effect of internal irradiation on the second generation has not been sufficiently studied. Adult male and female dogs received, with food, 0.2 microcuries/kg of Sr% daily. Females received it up to the moment of birth for a total of 140 microcuries/kg. Unlike their parents, the second generation (nephews and nieces) did not reveal cowardice or a weakening of the tentative reflex. The conditioned reflex to a moderate stimulus appeared in those animals even sooner, but the same reflex to strong stimuli was evoked with difficulty. The evoked positive reflex was not exact because of a diffusion in the excitations. The strength of the conditioned reflex response during the latent period, differed from that of the control animals because of inertia of the excitatory process. The inhibition and gross differentiation features were the same as in control animals. Fine differentiations were developed with difficulties in the experimental animals. The extinction of developed conditioned reflexes was in male dogs similar to the control animals, but it showed certain difficulties in the females. The greatest difference appeared during transformation of two conditioned

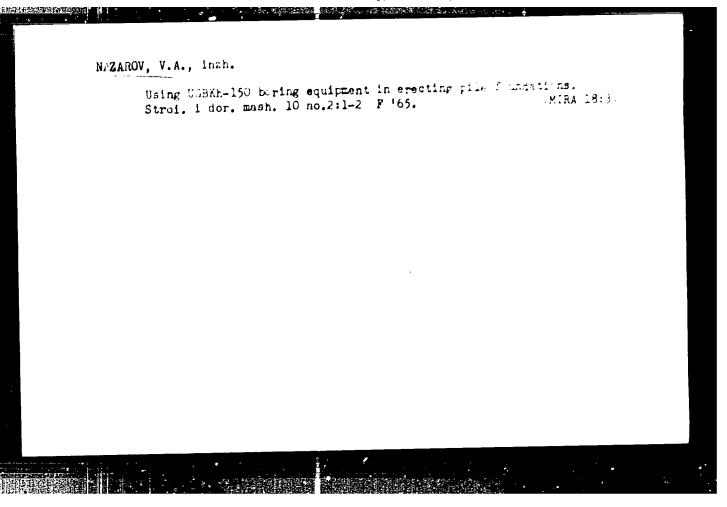
Card 1/2

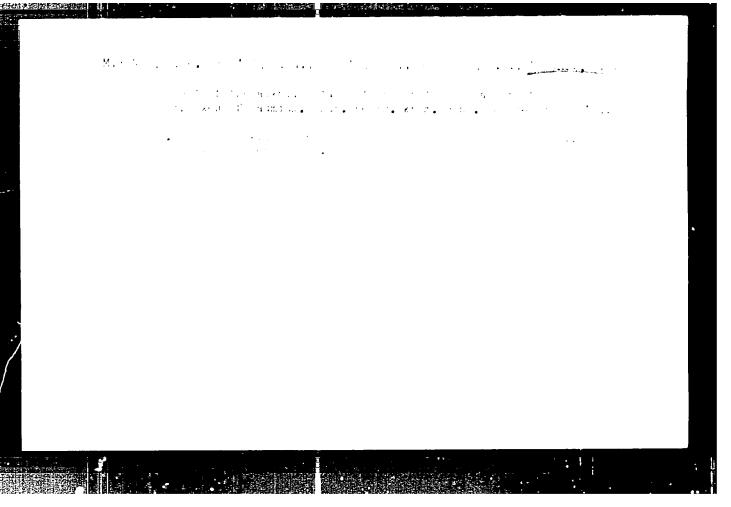
Deviations in higher nervous activity in

S/205/62/002 002 009 014
1020/1215

stimuli from positive to negative. The predominance of excitatory processes and the susceptibility to irradiation in the dogs of the 1st and 2nd generations, greatly resemble the behavior of 3-4 month old puppies received from non-irradiated parents. This indicates that the offspring of chronically irradiated dogs develops functional cortical defects which are less obvious in the 2nd generation. There are 2 figures

SUBMITTED. August 18, 1961





APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001136

THE PROPERTY OF THE PARTY OF TH

84-5-24/42

AUTHOR:

Nazarov, V.

TITLE:

Expansion of Local Air Routes (Razvivat' mestnyye vozdushnyye linii)

PERIODICAL: Grazhdanskaya Aviatsiya, 1957, Nr 5, pp. 32-33 (USSR)

ABSTRACT:

The article calls for the development of the local network of air routes, for heavier planes, and for the study of the economic needs and traffic frequency of each region. During the last 5 years, the length of local air routes increased by 20,000 km. Air routes connect larger administrative centers with regional ones and with industrial and farming rayons, especially with the most distant localities, with which no other modern communication lines exist. The article gives the Yakut ASSR as an example. In the Kazakh SSR, 16 new routes with a total length of 4,000 km were established; now planes fly to 60 sovkhozes. In Altay kray and Chkalov, Saratov and other oblasts, traffic to a number of virgin-land sovkhozes and kolkhozes is maintained by planes. In the Kostroma oblast, the number of local air routes has grown from 4 in 1955 to 13 in 1956: in October, November and December of 1956 the planes carried 10,700 passengers. Better planes are being used, some of them heated and equipped with radio. Larger carriers fly where traffic is heaviest, especially in the South, South-East and East, and between Moscow and some neighboring localities. In 1956, as compared with 1955, the total flight turnover (in ton/km) increased 50 per cent, passenger transport - 60.5%,

Card: 1/3

84-5-24/42

Expansion of Local Air Routes (cont.)

cargo transport - 49.5%, mail transport - 15.7%. On local routes, passenger traffic in 1956, as compared with 1955 increased 40.3%, cargo traffic - 29.5%, and mail traffic - 36.3%. In spite of this increase, local line traffic is still far below the needs. Not only is the service bad, but on certain routes, especially within the Krasnoyarsk and East-Siberian Territorial Administrations, the frequency of flights is low and flights are irregular. Within the Georgian Territorial Administration little attention is paid to local lines. This is also true of the West-Siberian Territorial Administration; for instance, there is no air connection from Sverdlovsk to any other part of the oblast, although such connections are urgently needed. Within the Ukrainian Territorial Administration local airport facilities are poorly developed and service is unsatisfactory. In North-Caucasus, the Ukraine, and the Volga Region the regularity of flights on local lines is most unsatisfactory in spring and summertime, due to the fact that the majority of planes serving this area are mobilized to help fight crop pests. More routes, better frequency and definite regularity are the tasks of prime importance. Even in those regions, such as the Tatar ASSR, Kostroma oblast, Vologda oblast, etc. where the

Card: 2/3

84-5-24/42

Expansion of Local Air Routes (cont.)

local air network is well developed, further possibilities of increasing passenger traffic nevertheless exist. It is urged that the authorities

of the GVF make full use of all available aircraft!

AVAILABLE: Library of Congress

Card: 3/3

RAZAKUV

AUTHOR:

Mazarov, V.

84-12-10/49

TITLE:

Perfecting Flying Skill (Sovershenstvovat' letnoye mauterstvo)

PERIODICAL: Grazhdanskaya aviatsiya, 1957, Nr 12, p 10 (USSR)

ABSTRACT:

The author criticizes the training level of aircraft commanders and pilots of special-purpose aviation. He stresses the necessity of stricter supervision, better organization of preliminary training of young pilots and on-the-job refresher courses for old pilots and commanders, especially in connection with the new equipment now in process of introduction, such as the An-2 and the Yak-12 type planes.

AVAILABLE: Library of Congress

Card 1/1

THE RESERVE AND THE PARTY OF TH

80V,/84-58-9-13/51

AUTHOR:

Nazarov, V.

TITLE:

In Iran (V Irane)

PERIODICAL:

Grazhdanskaya aviatsiya, 1958, Nr 9, p 8 (USSR)

ABSTRACT:

This is a story about the operations of a task force of 10 An-2 agricultural aircraft sent to Iran to help fight locusts in the area of Daulatabad, Seydabad, Bekhramabad, and Bartsir Sugar Refinery. The base of the operations was at Kerman airfield. Two photographs accompany the

text.

Card 1/1

S(1/84-58-3-3/52

AUTHOR:

M. Meserov, Deputy Chief, Directorate of Special Purpose and Aerial

Photography Aviation, GUGVF

TITLE:

Toward a Better Organization of Agricultural Work (Organizovanno

provesti aviatsionno-khimicheskiye raboty)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 3, pp 1-3 (USSR)

ABSTRACT:

The editorial deals with achievements and shortcomings of agricultural and other special purpose air operations during 1957. It contains instructions for the coming spring and summer work season of 1958. Problems such as selection and formation of crews, technical fitness of equipment, organization of work, cooperation between airmen and the representatives of the customers, and stationing and shunting of aircraft between and within Territorial Administrations are discussed

in some detail.

ASSOCIATION: Upravleniye aviatsii spetsial'nogo primeneniya i vozdushnykh styemok GUGVF (Directorate of Special Purpose and Aerial

Photography Aviation, GLGVF)

Card 1/1

1. Agriculture 2. Aircraft--Applications 3. Aviation personnel

--Performance

HAZAROV, Viktor Apollonovich; LAVROV, Lev Davydovich; GRIGOR'YEVA, A.i., red.; GGR'KOVA, Z.D., tekhn.red.

[Aeronautics in agriculture] Aviatella v sel'skom khozisistve.

Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 94 p.

(Aeronautics in agriculture) (MIRA 13:7)

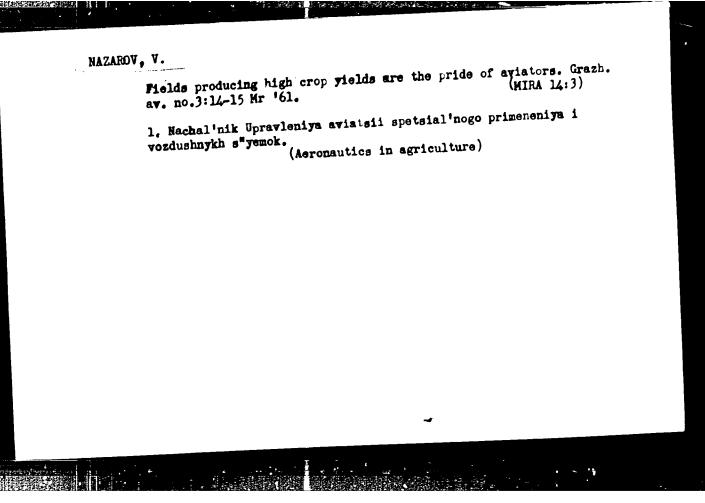
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Aviation in agriculture. Kryl.rod. 11 no.3:3-4 Mr '60.

(MIRA 13:5)

1. Nachal'nik Upravleniya aviatsii spetsial'nogo primeneniya
Grazhdanskogo vozdushnogo 'lota.

(Aeronautics in agriculture)
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The second spring of the seven-year plan. Grashd.av. 17 no.3:1-3 kr '60. 1. Machal'nik upravleniya aviatsii spetsial'nogo primeneniya i vozdushnykh s*yemok. (Aeronautics in agriculture)



NAZAROV, V.A.

Aeronautics in the agriculture of socialist countries. Zashch.
rist. ot vred. i bol. 6 no.9:58-59 S '61. (MIRA 16:5)

1. Nachal'nik Upravleniya aviatsii spetsprimeneniya Grazhdanskogo vozdushnogo flota.

(Aeronautics in agriculture)

NAZAROV, V.A.

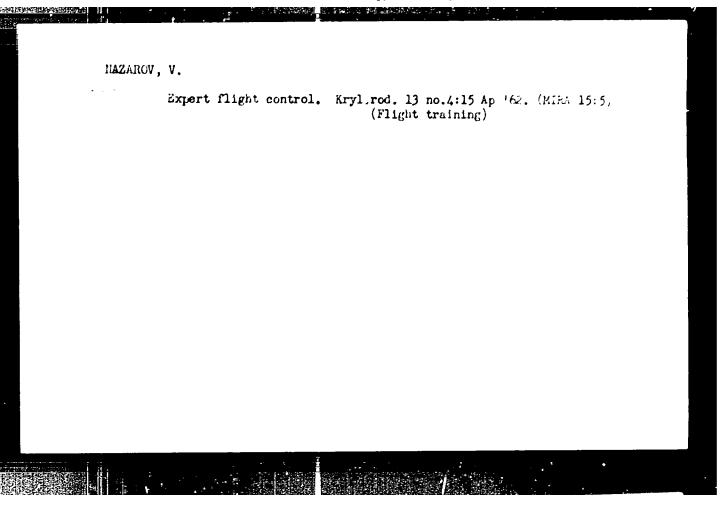
Forty years in the service of agriculture. Zashch.rast.ot vred.

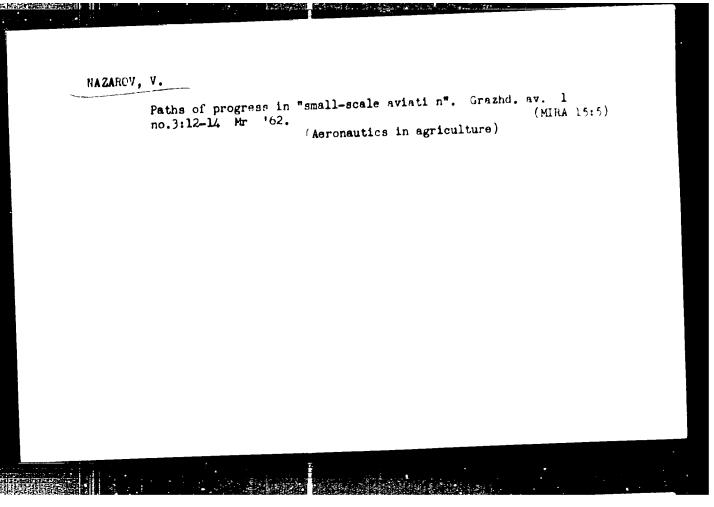
(MIRA 15:12)

1 bol. 7 no.4:14-17 &p '62.

1. Nachal'nik ypravleniya aviatsii spetsprimeneniya i vozdushnykh swemok Glavnogo upravleniya Grazhdanskogo vozdushnogo flota.

(Aeronautics in agriculture) (Spraying and dusting)





For a perfect organization. Grazhd.av. 19 no.9:7-8 S '62. (MIRA 16:1) 1. Nachal'nik Upravleniye aviatsii spetsprimaniniya i vosdushnykh s"yemok. (Aeronautics in agriculture)

NAZAROV, V.; SVETLICHY, V., Hrdina socialisticke prace

Use of airplanes in agriculture. Letecky obzor 7 no.6:173

Je '63.

1. Vedouci Spravy specialniho letectvi a leteckeho smimkovani,
Glavnoe upravleniye Grazhdanckogo Vozdushnogo flota (for Nazarov).

2. Mechanizator skupiny (for Svetlieny).

WAZAROV, V.

The United States has been left behind. Grashd. av. 20 no.1:9
Ja *63.

1. Machal'nik Upravleniya aviatsii spetsial'nogo primeneniya i vozdushnykh s^kyemok glavnogo upravleniye Grashdanskogo vozdushnogo flota.

(Aeronautics in agriculture)

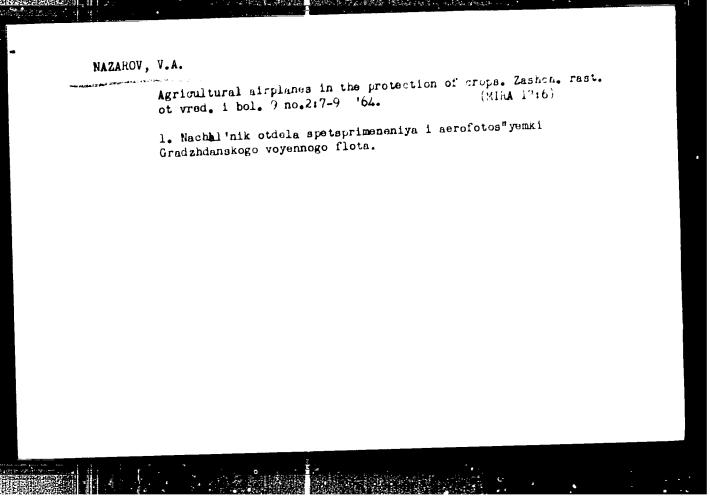
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NAZAROV, V.A.

Aeronautics in agriculture abroad. Zashch. rast. ot vred. i bol. (MRA 16:2)

8 no.6:46-47 Je '63.

1. Nachal'nik upravleniya aviatsii spetsprimeneniya Grazhdanskogo vozdushnogo flota.
(Spraying and dusting in agriculture)
(Aeronautics in agriculture)
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APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001136



NAZAROV, V.A.

Hours and hectares. Grazhd. av. 21 no. 12:22-23 D 164. (MIRA 18:12)

1. Nachal'nik Upravleniya sel'skokhozynystvennoy aviatsii i spetsprimeneniya i chlen Kollegii Ministerstva grazhdanskoy aviatsii SSSR.

L 18464-66

ACC NR: AP6006395

SOURCE CODE: UR/0413/66/000/002/0141/0141

INVENTOR: Tsukerman, M. Sh.; Nazarov, V. A.

3

ORG: none

TITLE: A device designed chiefly for remote control of an automobile radiator screen. Class 46, No. 178242 [announced by the Minsk Automobile Factory (Minskiy avtomobil'nyy zavod)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 141

TOPIC TAGS: engine radiator, automotive industry, remote control

ABSTRACT: This Author's Certificate introduces: 1. A device designed chiefly for remote control of an automobile radiator screen. The device contains a cylindrical frame with a movable pull rod inside, a moving cable which centrols the drum for the screen, a spherical catch designed for locking the rod, and a compensating spring which acts on the rod. The cable travel is increased by making the pull rod in the form of a toothed rack located in the cylindrical frame. This rack meshes with a gear fastened to the shaft of the drum on which the cable for moving the screen is

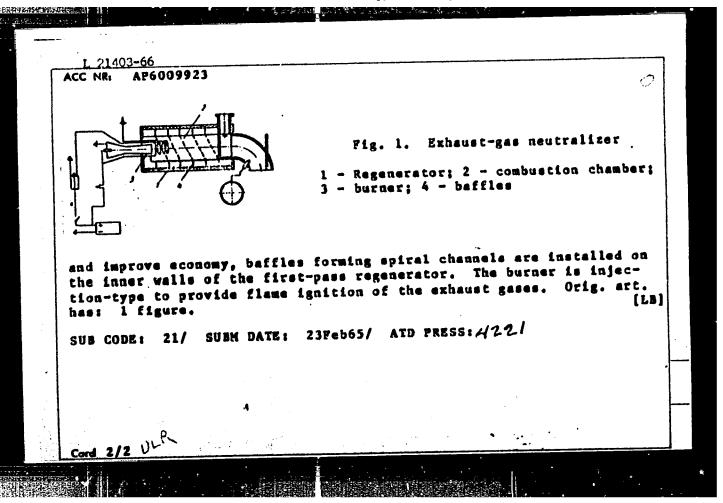
Card 1/2

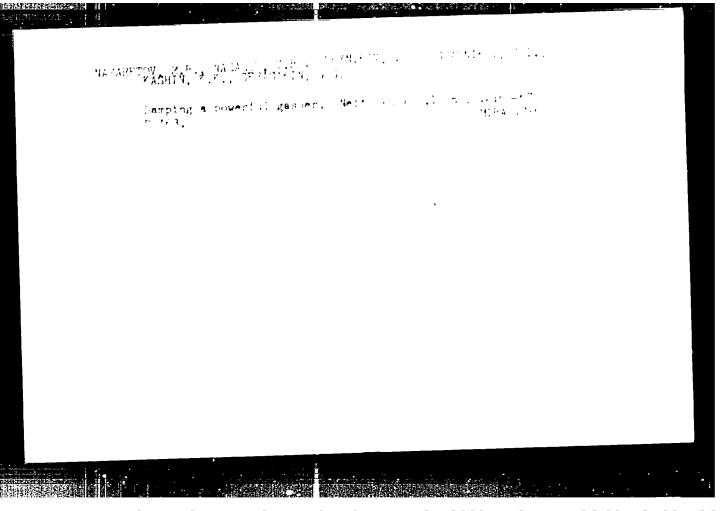
UDC: 621.431.3

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ACC NR: AP6006395			0	
wound. 2. A modification of with the rod between a ring-the cylindrical frame.	f this device in whic -shaped flange and a	ch the compensating s blind flange closing	pring is coaxial the opening in	
1 cylindrical frame; 4 - drum; 5 - spherical sating spring; 7 - gear 10 - ring sh sped flange	. catch; 6 - compen- ; 8 - shaft; 9 - cab	le:	<u>1904</u>	14
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SUB CODE: 13/ SUB DATE: 21N	10 v 64			-
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ACC No. AP6007758	(1)/EWP(m)/EPF(n)-2/EWA(d)/ETC(m)-6/EWA(1)_IJP(c)_WW SOURCE CODE: UR/CO21/66/000/001/0	068/0070
AUTHOR: Vendelyeyeva,	. V - Mendeleyeva, T. V.; Nazarchuk, M. M.	733.
ORG: <u>Institute of Technan URSR</u>)	ical Thermophysics. AN URSR (Intytut tekhnichnoy teplo	fizyký
TITLE: Gretz's problem	for a ring-shaped canal	
SOURCE: AN Ukrssr. Do	povidi, no. 1, 1966, 68-70	
TOPIC TAGS: laminar fl dependence, boundary la	ow, laminar boundary layer, axisymmetric flow, tempera	ture
ABSTRACT: A method for axisymmetric developed upequal boundary temper author's abstract.]	the determination of the temperature field in the cas laminar flow of liquid in a ring-shaped canal with arb atures is described. Orig. art. has: 9 formulas. [B	e of an
ABSTRACT: A method for axisymmetric developed upequal boundary temper author's abstract.]	the determination of the temperature field in the cas	e of an
ABSTRACT: A method for axisymmetric developed upequal boundary temper author's abstract.]	the determination of the temperature field in the cas laminar flow of liquid in a ring-shaped canal with arb atures is described. Orig. art. has: 9 formulas. [B	e of an
ABSTRACT: A method for axisymmetric developed upequal boundary temper author's abstract.]	the determination of the temperature field in the cas laminar flow of liquid in a ring-shaped canal with arb atures is described. Orig. art. has: 9 formulas. [B	e of an
ABSTRACT: A method for axisymmetric developed upequal boundary temper author's abstract.]	the determination of the temperature field in the cas laminar flow of liquid in a ring-shaped canal with arb atures is described. Orig. art. has: 9 formulas. [B	e of an

-66 EWT(m)/EWP(f)/I-2 AF6009923 //\ so SOURCE CODE: UR/0413/66/000/004/0118/0118 27 Taukerman, H. Sh.; Hazarov, V. INVENTOR (1)ORG: none TITLE: Exhaust-gas neutralizer for internal-combustion engines [announced by the Hinsk Automotive Plant (Hinskiy avtomobil'nyy zavod)] Class 46, No. 179125 SOURCE: Izobreteniya, promyshlennyye obrastsy, tovarnyye znaki, no. 4, 1966, 118 TOPIC TAGS: internal combustion engine, exhaust gas neutralization, 23, 17.5 exhaust gas ignition ABSTRACT: An Author Certificate has been issued for an exhaust-gas neutralizer for internal-combustion engines. The unit (see Fig. 1), which is connected to the exhaust pipe, contains a two-pass back-flow regenerator with a combustion chamber and a burner. To decrease size 621.43.068.4 upc: **Card** 1/2





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"APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001136

ACC NR: AP6034227

(N)

SOURCE CODE: UR/0120/66/000/005/0110/0114

AUTHOR: Nazarov, V. B.; Zabrodin, V. A.; Kirillov, P. K.; Gal'perin, L. N.

ONG: Affiliate of the Institute of Chemical Physics, AN SSSR, Chernogolovka (Filial

Instituta khimicheskoy fiziki AN SSSR)

TITLE: Reversible digital to analog converter counter based on decatrons

SOURCE: Pribory i tekhnika eksperimenta, no. 5, 1966, 110-114

TOPIC TAGS: pulse counter, digital analog converter

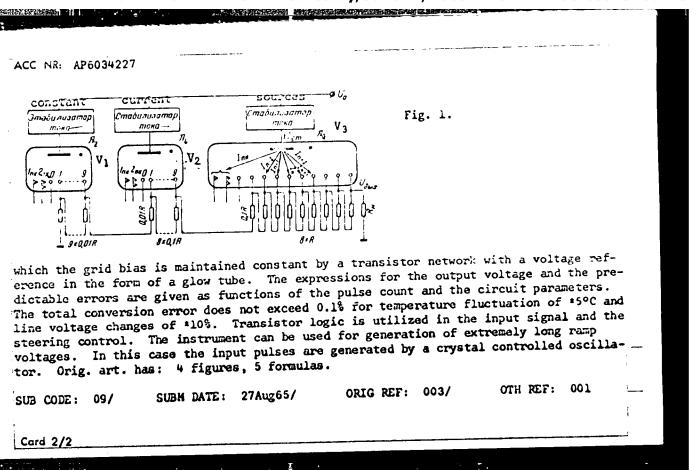
ABSTRACT: Figure 1 shows a simplified diagram of the digital to analog converter, associated with an up-down counter utilizing decatrons as counting elements. Such a counter is frequently needed in automatic control applications, where it is necessary to obtain a voltage proportional to the accumulated number of pulses. While the actual counter circuitry is conventional for use with decade counting and glow transfer tubes, the method of digital to analog conversion is quite unusual. As shown in figure 1, each decade is equipped with a bank of resistors. One resistor is associated with each cathode (except "0") in each of the three decatrons. The resistor values are weighted to generate output voltage exactly proportional to the instantaneous accumulated pulse count stored in the decatrons. Constant current sources are used to supply each of the tubes. The design of the current sources is conventional, utilizing a series triode in

UDC: 621.374.324

Card 1/2

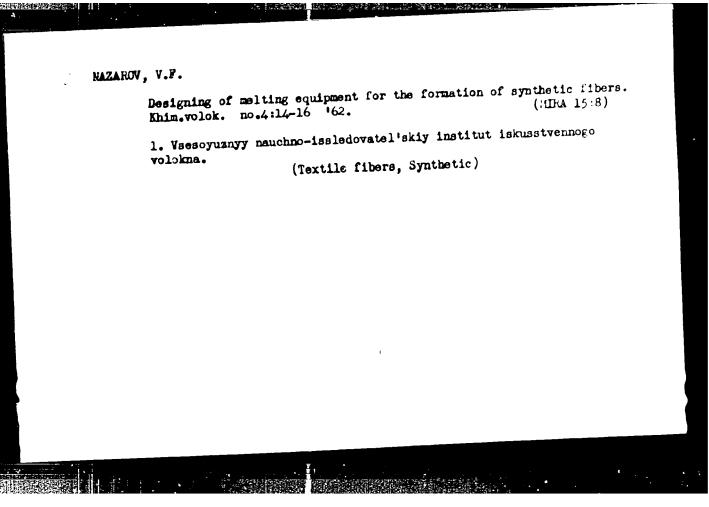
APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001136



- L. NAZAROV, V.F.
- 2. USSR (60)
- 4. Social Sciences
- 7. Financing tree farms and shelterbelt station. Moskva, Gosfinizdat.1952

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



MAZAHOV. Viktor Grigor'yevich; ZUBER, I.Ye., red.; POL'SKAYA, R.G., tekhn.red.

[Handbook on the slide rule; reference book for engineers and students of institutions of higher learning] Sprayochnik po logarifmicheskoi lineike; rukovodstvo dlis inzhenerov i uchashchikhais vtuzov. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1959. 47 p.

(Slide rule)

ROZOVSKIY, Semen Yefimovich; MAZAROV, Viktor Grigor'yevich, Sch.:
SLAVRITSKAYA, N.R., red.; AZOVKIR, N.G., tekhn. red.

[Reduction of labor-consuming operations]Fo puti snizheniia trudeemkosti. Riazan', diazanskoo knizhnoe izd-vo, 1962. 24, p.

(MERA 15:12)

1. Zame titel' machal'nika byuro ratsions' matsii, izobretatel'stva i tekhnicheskey informatsii Ryazanskogo zavoda TKPO (for
Rozovskiy). 2. Byuro ratsionalizatsii, izobretatel'stva i tekhRozovskiy) informatsii Ryazanskogo zavoda TKPO (for lazarov).

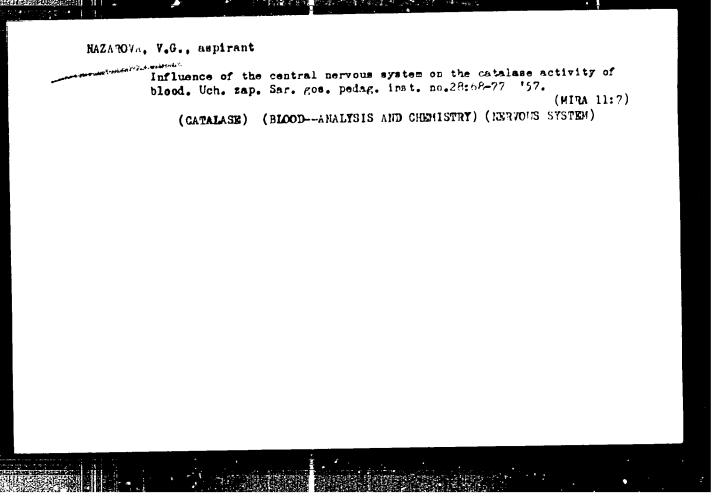
(Metalwork—Technological innovations)

MAZARDVA, V.G., aspirant

Effect of partial removal of the large cerebral hemispheres on the catalase index of bleed. Uch. sap. Sar. gos. pedag. inst. no.28:59-67

'57. (MIRA 11:7)

(CATALASE) (BLOOD--ARALYSIS AND CHEMINTRY) (BRAIN)



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                           in the molecular weight of the initial polynomial in this tell for a number of 1,3-butilione as 1,5-
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inc. the non-different numbers made in the tool. A policy
into the following carried out by a. J. Lovicov of 1.

(1.11) on a simple of 1,3-butadiene-outgreen rubber
10, 20 and 7000 (samples 1-6, 2-6, and 1-5), and
10, 20 and 7000 (samples 1-6, 2-6, and 1-5), and
11-10-3), and of a usified 1,3-but line-of a rubber
11-10, manufactor of these polynoms are given in Table 1. The
                          Properties of tese polyners are given in Table 1.
                          samples are invotionated occording to a method by I. I. Thukov, I. Ya. Poddubnym and L. V. Lebedev (Mef. 10). The molecular meight of fractions of subtermined whenous
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62B-3-3/1

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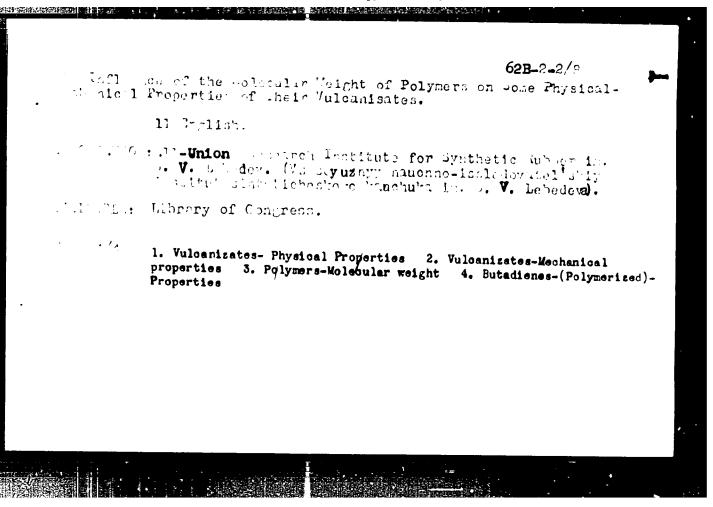
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a we for strength-molecular weight reaches a matter of the tile residence of the tile residence of the tile residence of the tile residence of the region 320 - 340,000. If there is and 3 live tile is not the strength/R of 1,2-betalizate through willowing the strength/R of 1,2-betalizate through willowing the late be seen that its very black of the betalizate of thus the strength of the version of the strength of the version of the strength of the conditions, the strength of

the Influence of the objective Weight of Polymers on Some Physicalless nic 1 Properties of Casin Vulcinicates.

1,3-but diens subber vals misates JKB int of 1,3-but diene rubber CKB manufactured at 0°C reaches a value of 260 - 270 kg/cm². Potassium - 1,3-but diene subban JKB, manufactured at 60°C has a very low breaking strungth when compared with the polymer manufactured at 0°C. It was also shown that a linear relation roveres the dependence of the break strength of vultables and the value - R. A molecular veight of 34,000 mus found to give it strength of the vulcanisates restically equal to 0 for sodium 1,3-but diene rubber, and the orbber CKB prepared at 0°C, and a molecular reight of 1°C,000 for 1,3-but diene-styrene rubbers lose their sladic properties at a molecular veight of 20,000, and 1,3-but diene styrene rubbers lose their sladic properties at a molecular veight of 24,000. The character of the strength and elastic properties of the rubber CKB prepared at 60°C was detrained; the vulcanisates of this polymer have very low values of break strength and elasticity which are proctically independent from the molecular veight of the inducation of the molecular veight of the inducation polymer. There are 24 References, 13 mussian

7 -1 3/+



AID F = 445

Subject : MOSR E - **. . .

Card 1/1 Fub z/=1. 4

Author : Nazarov, V. G., Kand. of Tech. Sci., Leningrad

Title : Electrets and their Application in Electrical Engineering

Periodical : Elektrimestvo, ". 1000, Ji 1954

Abstract : The properties and characteristics of electrets, com-

paratively new and relatively little analysed electric insulating materials, are discussed in regard to their properties for permanent electrification and qualities analogical to those of permanent magnets. Fields of application and some technical data on their production are indicated. 7 references, 3 of which are Japanese

(1922), and 1 Russian (1991).

Institution : None

Submitted : Mr 29, 1004

FD-200

USSR/Electronics-Circuits NAZAROV V (5.

Card 1/1

Pub. 90-5/11

Author

: Nazarov, V. G.

Title

: Dielectric Amplifiers

Periodical

: Radiotekhnika, 10, 44-57, Aug 1955

Abstract

A survey of the non-Soviet literature on the subject of the dielectric amplifier. Its operating principles, advantages, and some basic circuits, as well as data relating to materials for nonlinear capacitors, are discussed. The author gives some theoretical explanations which might be useful to persons ac-

quainting themselves with the subject.

Institution

Submitted

: April 11, 1955

CIA-RDP86-00513R001136 **APPROVED FOR RELEASE: Wednesday, June 21, 2000**

136-3-14/25

AUTHORS: Tarasov, Yu. A. and Nazarov, V. I., Engineers.

TITLE: Measurement of the Quantity of Sucked-In Air in Flotation

Machines. (Zamer kolichestve zesasyveyemogo vozdukna vo

flotatsionnykh mashinakh).

PERIODICAL Tavetnyo Metally, 1957, No.3, pp.75-70 (USSR)

ABSTRACT: The quantity of eir sucked into flotation machines bives

indications of the state of the processes and plant and an instrument for measuring this has been devised by the

authors on the basis of an ordinary anemometer. The

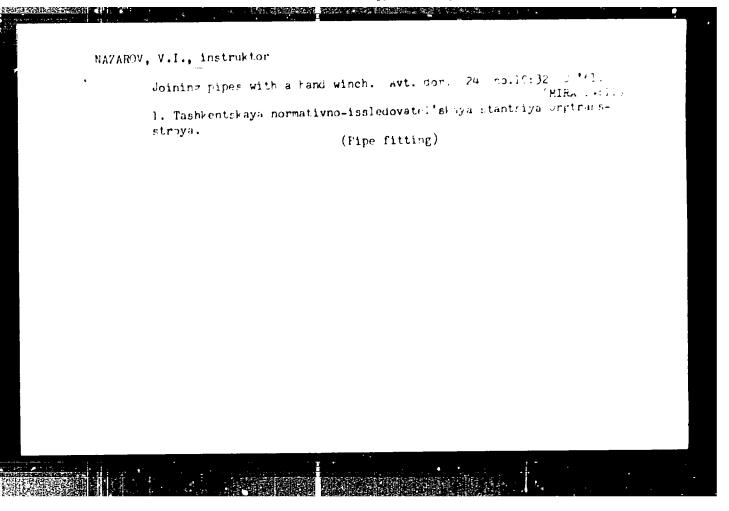
instrument ("aerometer") is in successful use at the Darsun beneficiation works and can be used for each chamber. A

brief description and conversion equations are given.

There are 2 figures.

AVAILABLE: Library of Congress

1/1



APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001136

NAZAROV, V. I.

USSR/Electricity - Instruments

Sep 52

"Volt-Ammeter With Measuring Clamps, Proposed by V. I. Nazarov (Fifth Prize in the Seventh All-Union Competition on Economy of Power)," described by Engr. N. V. Lebedev

Prom Energet No 9, pp 9-10

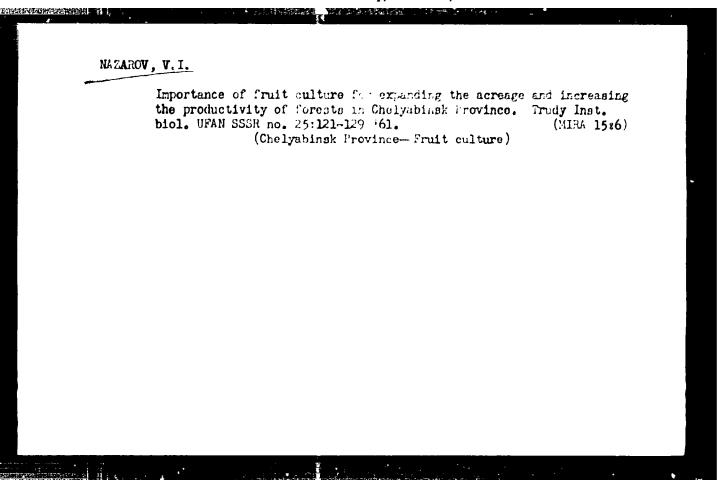
Describes (including diagram and photos) pocket-sized meters for measuring current in range up to 300 a, voltage up to 600 v dc, 500 v ac. Dc values are read directly from clamp, which has built-in galvanometer. Ac readings are obtained by clipping clamp into suitable and case contg coils and rectifier.

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ARKHIPCHENKO, A.S.; NAZAROV. V.I.; SHAMES, D.Z.

Geologic and economic oil and gas prospecting indices for the West Siberian Plain. Geol. nefti i gaza 7 no.7:13-17 Jl '63. (MIRA 16:7)

1. Vseso/uznyy neftyanoy nauchno-issledovatel'skiy geologorazvedochnyy institut. (West Siberian Plain—Petroleum geology)

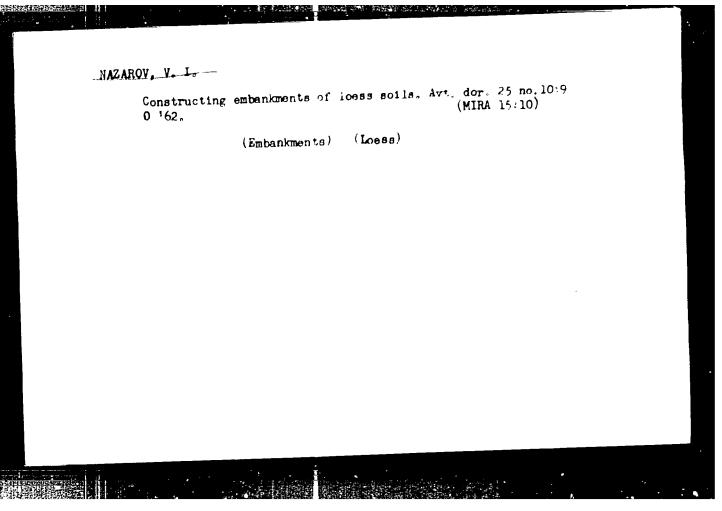
(West Siberian Plain—Gas, Natural—Geology)
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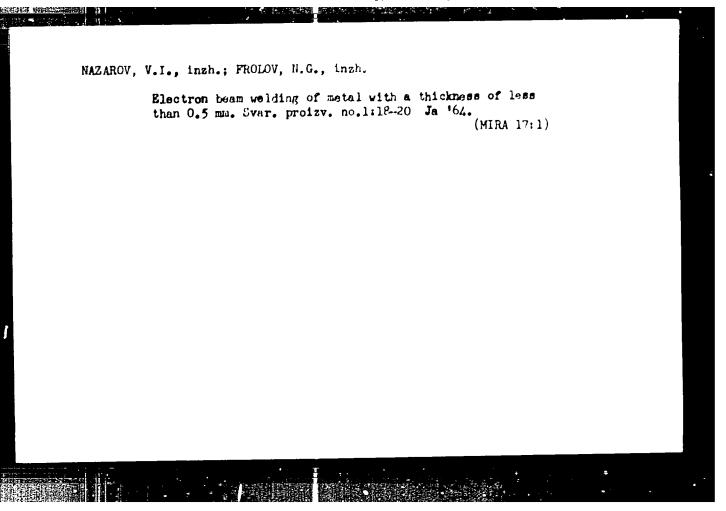
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Building embankments of loses soils. Transp. stroi. 1' no.10:53 (M.R. 16:17)

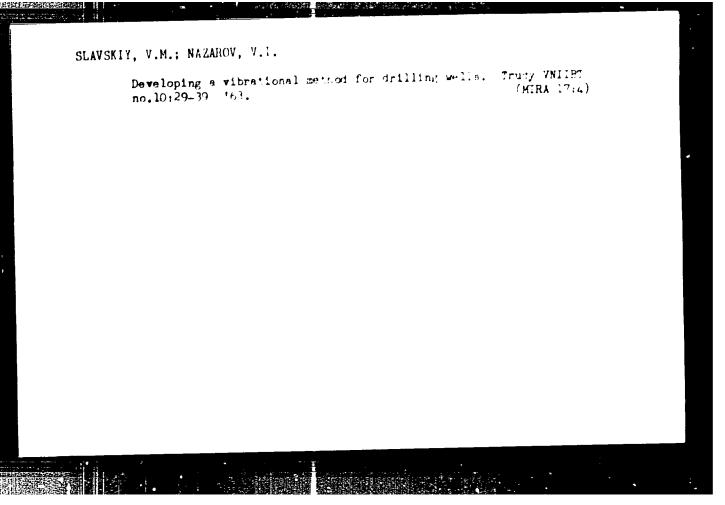
1. Tashkentskaya normathyno-issledovatel skaya stantsiya Orgiransstroya (for Mazarov).

(Railroads--Earthwork) (Loses)
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APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001136





APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001136

ACCESSION NR: AP4009824

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\$/0135/64/000/001/0018/0020

AUTHOR: Nazarov, V. I. (Engineer); Frolov, N. G. (Engineer)

TITLE: Electron beam welding of a metal less than 0.5 mm thick

SOURCE: Svarochnoye proizvodstvo, no. 1, 1964, 18-20

TOPIC TAGS: electron beam welding, alloy welding, IKh18N9T steel, steel welding, titanium alloy, aluminum welding, copper welding, zirconium alloy, OT-4 titanium alloy, AD-1 aluminum, M2 copper

ABSTRACT: The formation of a weld by fusion welding is only possible when the initial gap and the initial displanement of the edges do not exceed a definite limit. The possibility of the gap being closed during welding depends on the thermal expansion of the edges and the change in their form during the fusion process. The admissible gap and displacement are related to the distance between clamps. In the present paper, the critical magnitudes of the gap, the displacement of the edges and the distance between clamps are determined for electron beam welding of sheets made of IKh18N9T steel, OT-4 titanium alloy, AD-1 aluminum, M2 copper and a zirconium alloy containing 1% Nb. The sheets were cut out with precision scissors to guarantee rectilinearity of the edges to the order of 0.01 mm.

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ACCESSION NR: AP4009824

ground. Just before welding, all the samples were degreased. The critical magnitudes were determined by joining the sheets in such a way that there was a linear change in the investigated value along the length of the sample. In all cases, the maximal value of the investigated magnitude at one end of the joint was greater than the critical magnitude, and the welding was carried out in the direction of decreasing magnitude. The authors conclude that: (I) the technological characteristics of electron beam welding make it possible to weld certain metals only 0.1 mm thick; (2) prerequisites for the quality welding of thin metals are careful preparation of the edges and the availability of special fixtures; (3) the strength of the weld in stainless steels is never less than 80% of the strength of the base material. "V. G. Kulakov and N. A. Vorontsov also took part in the work." Orig. art. has: 6 figures, 3 tables and 3 formulas.

ASSOCIATION: none

SUBMITTED: 00

NO REF SOV: 008

ENCL: 00

OTHER: 000

Card 2/2

SUB CODE:

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP

CIA-RDP86-00513R001136

L 20020-65 EMT(d)/ESC-4/EEC(t)/FSS-2 Pn-4/Pp-4/Pac-4 FCCESSION NR: AP4049728 S/0106/64/000/011/0005/0015

AUTHOR: Nazarov, V. I.

TITLE: Reception of PSK signals with a "rotating phase"

SOURCE: Elektrosvyaz', no. 11, 1964, 5-15

TOPIC TAGS: phase shift keying, radio telegraphy, rotating phase shift keying

ABS [RACT: Two types of phase-shift keying (PSK) systems are considered:

(1) In a systems where the number of possible phases in a signal is equal to the lamber of phase shifts used for info transmission (0°-180°, 0°-120°-240°, 0°-90°-180°-270°); (2) Those systems where the number of possible phases in a signal is twice as high as the number of phase-shifts (90°-270°, 45°-135°-225°-315° Kineplex, triple PSK with 22.5° phase-shift). A synchronous coherent reception for both types is briefly described. A new method of "rotating phase" suitable for the second PSK type is based on using a coherent voltage obtained from the signal, phase keyed at the clock frequency, and applied (as a reference voltage) to phase detectors. The keying ensures that the phase of each packet

Card 1/2

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ACCESSION NR: AP4049728

reference voltage differs from that of the preceding packet by a minimum relative angle $\Delta \varphi$. Then, the reference-voltage vector will "rotate" in discrete steps multiple of $\Delta \varphi$; hence, the name "rotating-phase" keying. Another new method is based on a simplification of the structure of the arriving signal before the signal is detected and the reference voltage formed. A constant phase shift is introduced in the odd packets which eliminates the quadrature position of the signal and turns it into a 2-phase signal. Such a phase-converted signal can be demodulated by a synchronous-coherent method with a constant-phase reference voltage. "The author wishes to thank N. P. Bobrov for his valuable comments made as the article was being prepared." Orig. art. has: 9 figures and 30 formulas.

ASSOCIATION: none

SUBMITTED: 09 May64

ENCL: 00

SUB CODE: EC

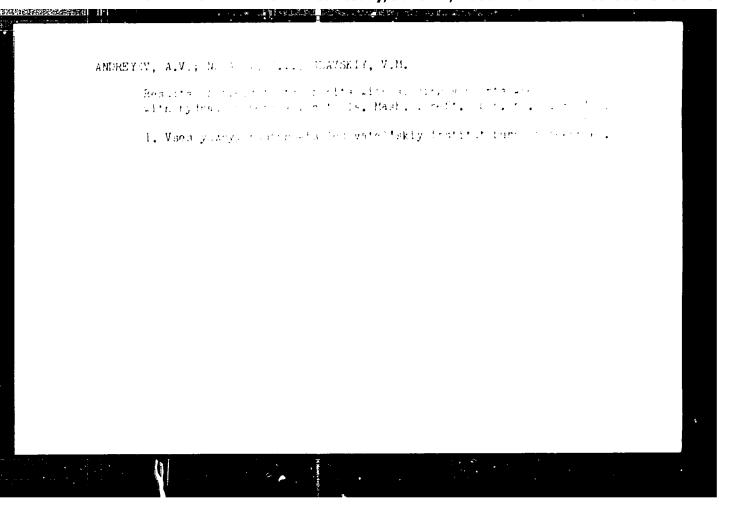
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OTHER: 000

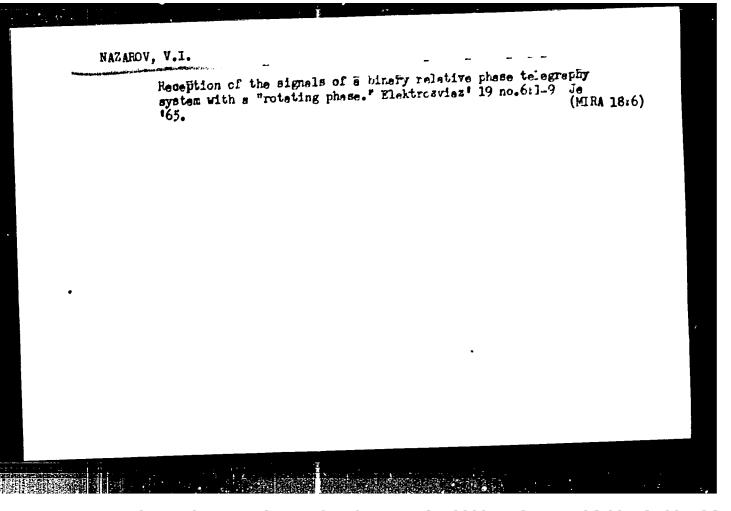
Card 2/2

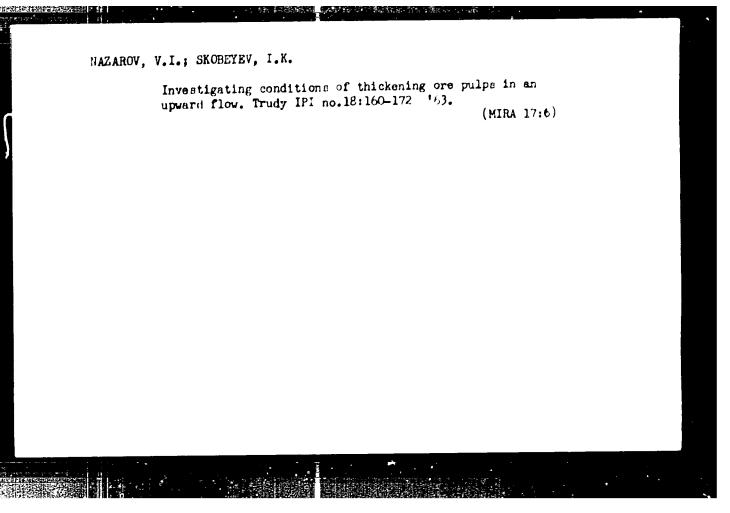
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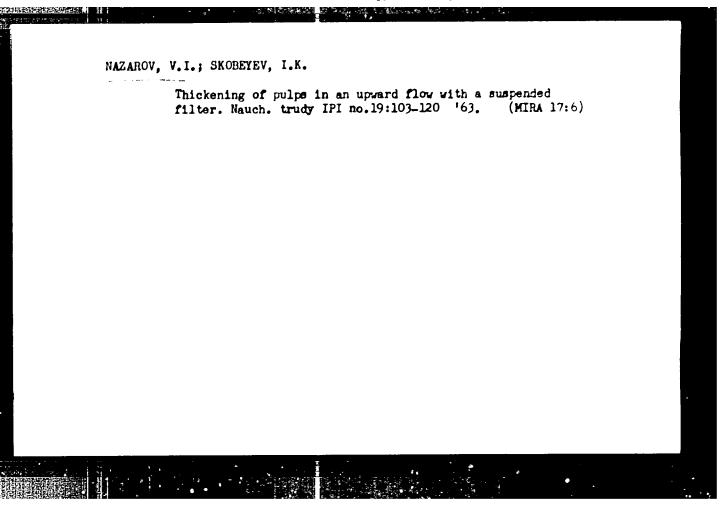


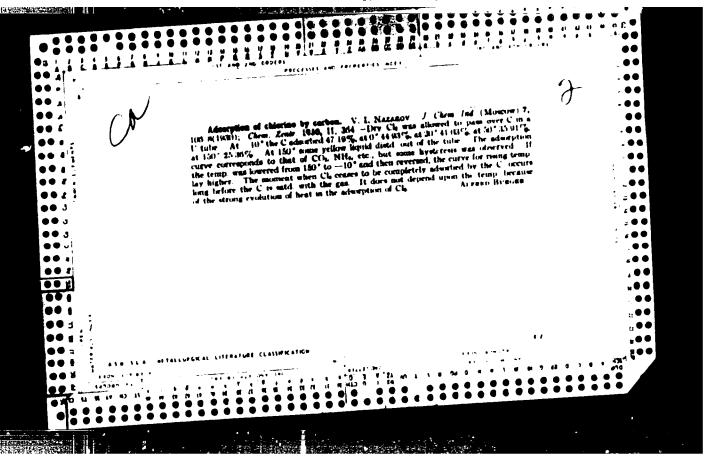
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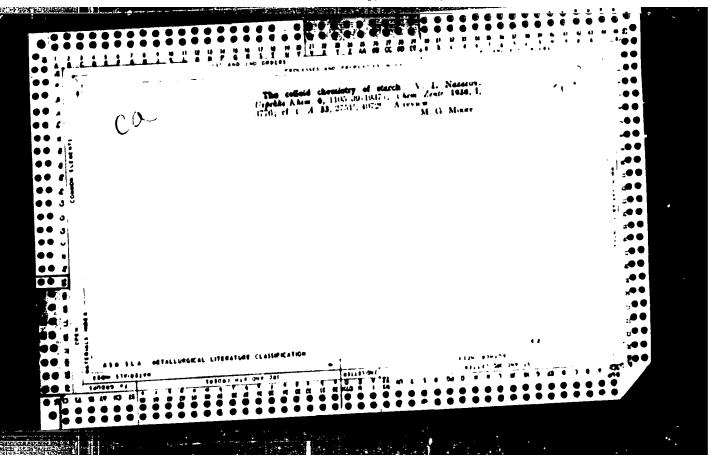


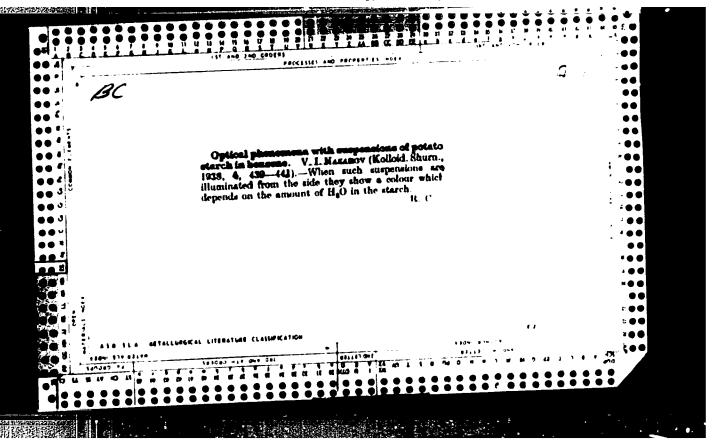


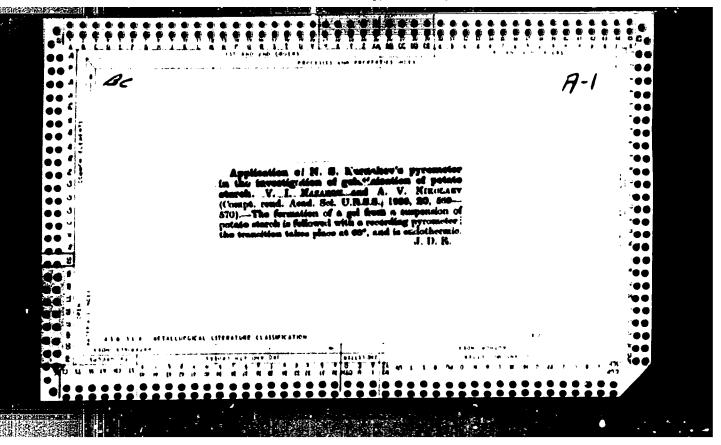
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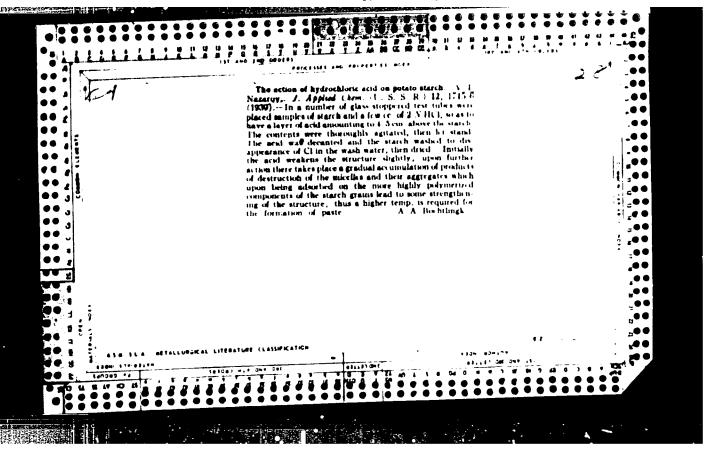


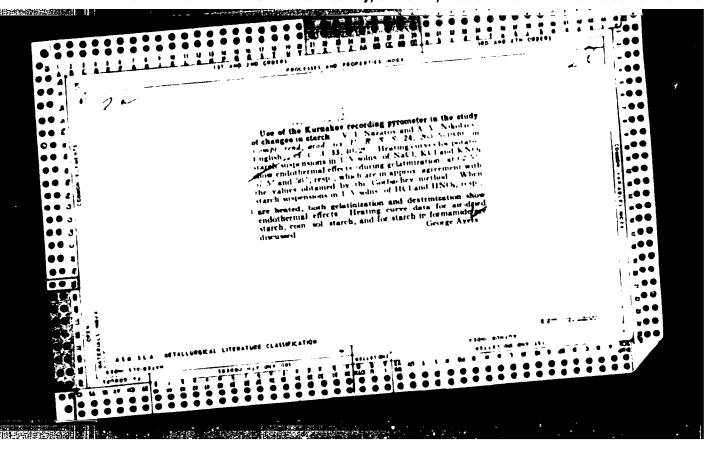


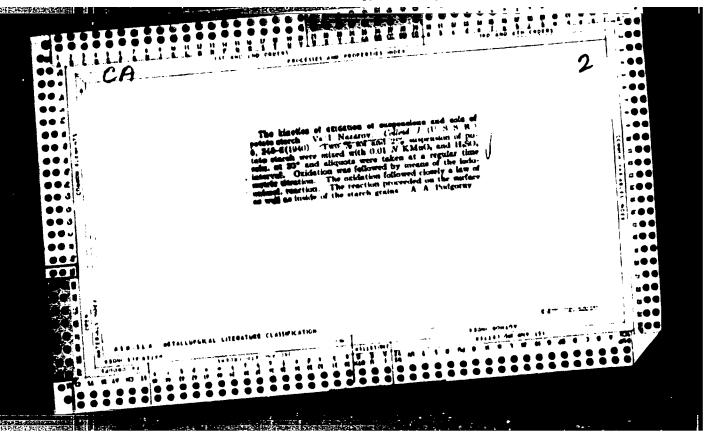


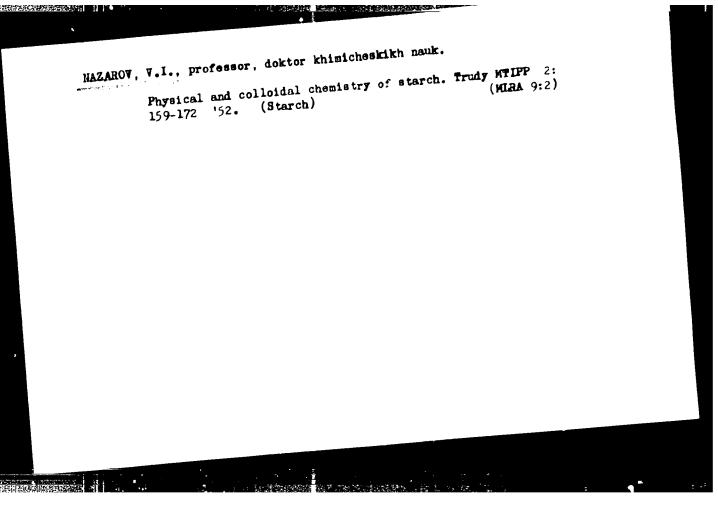


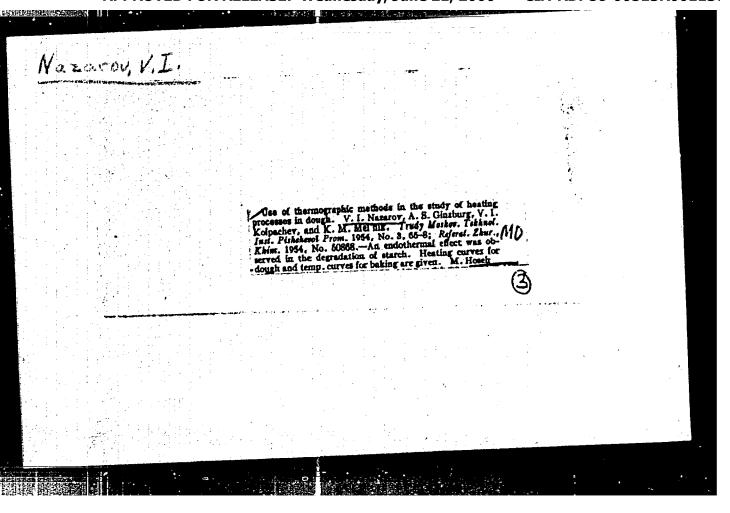


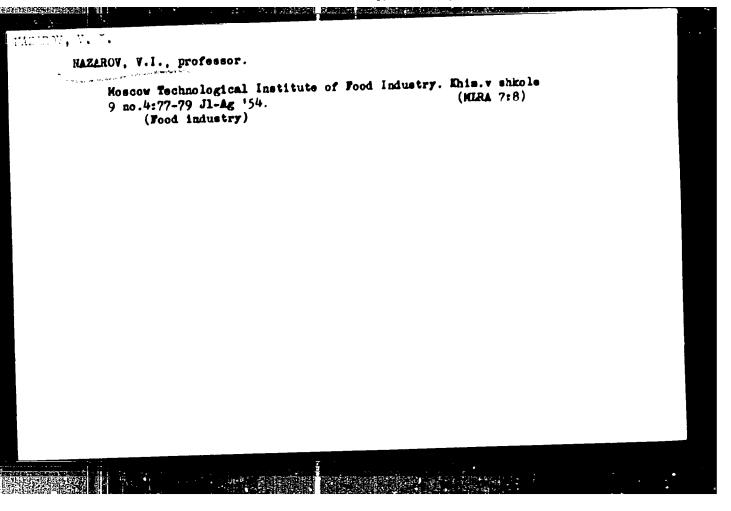


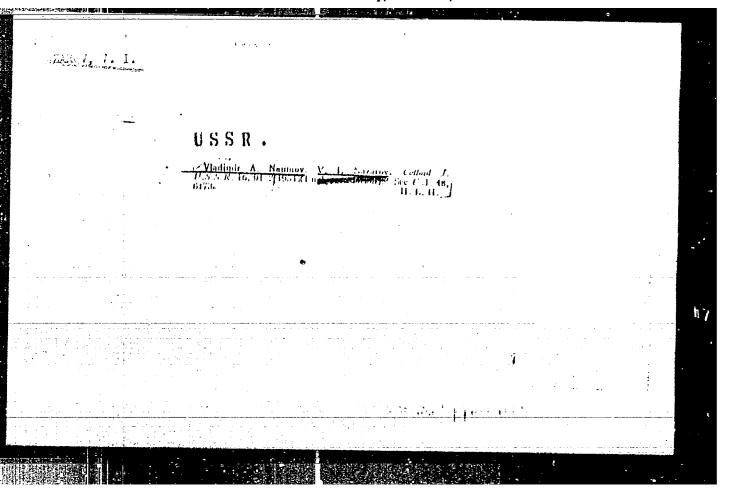


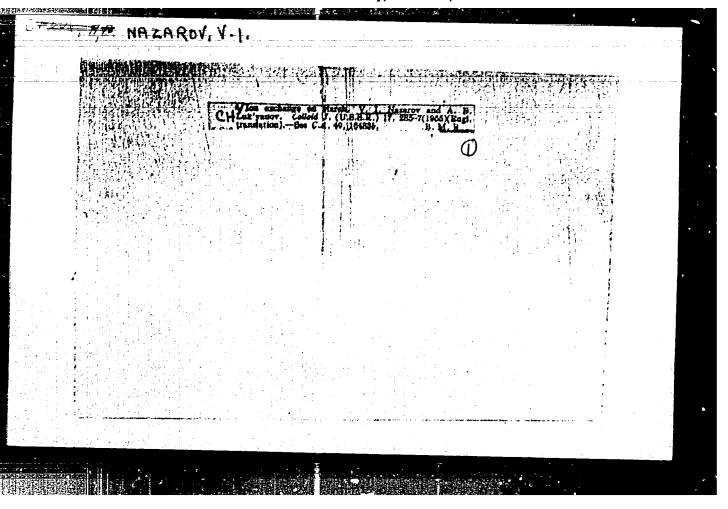


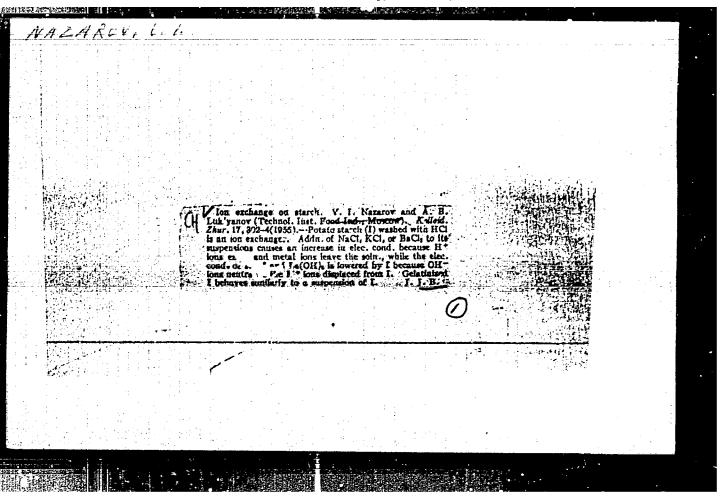


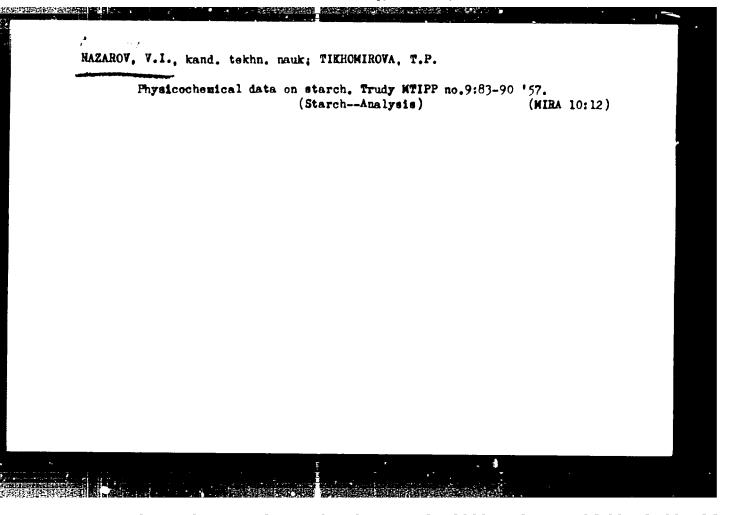












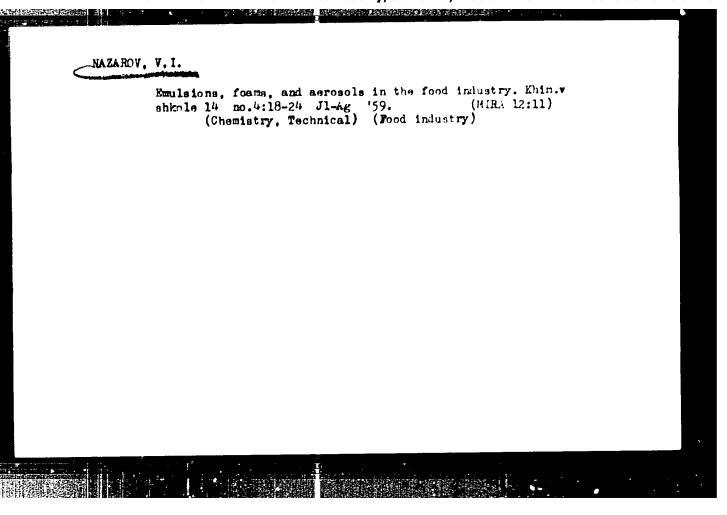
HAZAROV, V.I.; SAKHAROV, V.G.; TIKHOMIROVA, T.P.

Some data for the study of the stability of gelatinous starch and of the drying of bread. Izv.vys.ucheb.zav.pishch.tekh. no.4:131-135 '58. (MIRA 11:11)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti, Laboratoriya fizich sekoy i kolloidnoy khimii. (Starch) (Colloids) (Bread)

STREET, SEPTEMBER 1 - y_/a_=e_1=11 '16 Nazarov, V.I., Cilina, N.F., Tikhomirova, T.F. AMTHOR : ome Experimental invastigations on the Physical inemistry of Starch Nekotoryye eksperimental nyye issledovaniya to TITLE: fiziko-khimii krakrmala Kolloidnyy shurnal, 1 48, Vol (X, Nr 4, pp 465-466 ores PERIODICAL: In the article, the influence of the temperature and electrolyte solutions on starch granules is studied. Starch is a high-APITRACT: molecular carbohydrate the properties of which are connected with the character of its internal structure. Experiments have shown that at a temperature of 10^{-6} ystarch loses its water. shown, that at a temperature of 10^{-9}) starch loses its water. If this dry starch is heated at 100^{-9} for several hours, the temperature of maste formation is reduced 'see Table . The complete elimination of water at $120^{9}\,$ m leads to dextrine formation and other major changes in the internal structure. The influence of the electrolytes plays a great role since starch is an ion excremping a stance. A small quantity of ions connected with starce caus a a considerable change in the filtration stility of the substance. The following cation range has been established: $V_F^{2+} > V_8^{2+} > V_8^{2+} > V_8^{2+} > V_8^{2+}$. The adsorption capacity of starch has been determined by means of ard 1 7

7-64-58-4-11 16 Tome Experimental Investigations on the Ebysidal Tremistry of Staron methylene blue. The influence of the dations on this property is shown in the following range: $\text{Ma}^+ > \text{Mg}^{2+} > \text{Pa}^{2+} > \text{A}^{2+}$. For the viscosity of starch the following cation range has been established: Ba $^{2+}$ > Ia $^{+}$ > Mg $^{2+}$ > $^{++}$. A linear relationship is observed between the values of the ionic refractions and the paste formation temperature of the starch in the solutions of the respective electrolytes. There are 3 graphs, I table, and II references, 6 of which are Poviet and C Perman. 18 MCTATION: Wookovskiy tekhnologicheskiy institut pishchevoy promyshlennosti , laboratoriya fizicheskoy i kollorinoy knimii Norcow Technological Institute of the Food Industry, Istoratory of Physical and followist 'hemistry' STRMITTEL: April 1. 1987 1 Starches--Chemical properties Card 2/2



PISARENKO, Aleksandr Pavlovich, prof.; POSPELOVA, Kseniya Aleksandrovna, dots.; YAKOVLEV, Aleksandr Georgiyovich, dots.; VOYUISKIY, S.S., prof., retsenzent; NAZAHOV, V.J., prof., retsenzent; TADEMAN, S.S., prof., retsenzent; BARAMBOYM, E.K., prof., rotsenzent; STUKOVNIR, I.D., red. izd-ve; YEZHOVA, L.L., tekhn. red.

[Course in colloid chemistry] Kurs kolloidnoi khimii. Moskva, Gos.izd-vo "Vysshaia shkola," 1961. 241 p. (MIRA 14:12) (Colloids)

NAZAROV, V.I.; TESLENKO, 0.3.

Comparative physicochemical studies of starch from common and wax-like corn. Izv.wys.ucheb.zav.;pishch.tekh. 1:7-11 '61.

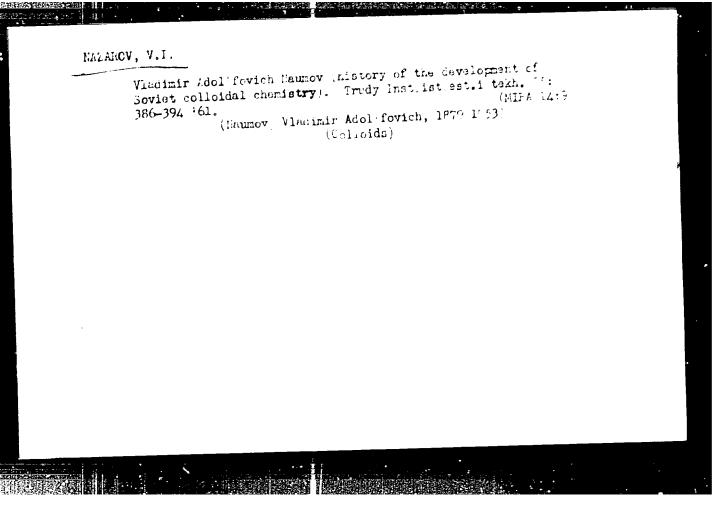
1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti, Kafedra fizicheskoy i kolloidney khlmii.

(Cornstarch)

NAZAROV, V.I.; SILINA, N.P.

Chromatographic study of the aging of wheat starch and wheat bread jellies. Izv.vys.ucheb.zav. 1:117-121 61. (MIRA 14:3)

1. Maskovskiy tekhnologicheskiy institut pishchevov promyshlennosti, Kafedra fizicheskoy i kolloidnoy khimii.



NAZAROV, V.I.

Some problems of the physical and colloidal chemistry of starch. Izv. vys. ucheb. zav.; pishch. tekh. no.4:30-36 (MIRA 16:11)

l. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti, kafedra fizicheskoy i kolloidnoy khimii.

SILINA, N.P.; NAZAROV, V.I.

Experience in the chromatographic study of the aging of starch gels. Izv. vys. ucheb. zav.; pishch. tekh. no.4: 37-39 '63. (MIRA 16:11)

l. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti, kafedra fizicheskoy i kolloidnoy khimii.

DEULIN, V.I.; NAZAROV, V.I.

Determination of starch fractions by amperometric titration.
Zhur.anal.khim. 18 no.8:1016-1020 Ag '63. (MIRA 16:12)

1. Moscow Technological Institute of Food Industry.

NAZAROV, V.I.; SUKHORUKOVA, T.I.

Certain data on the adsorption properties of starch. Koll.shur. 25 no.5:578-580 S-0 '63. (MIRA 16:10)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti, Kafedra fizicheskoy i kolioidnoy khimii.

HICHIGHT, Anatoli) Valentinovich; NAZAROV, Viktor Ivanovich;
TAGIYEV, Ryyub Izmaylovich

(lerculaivo-mutary drilling of selis darmo-vraniciatelice buronia izvaznih. Voskva, hedra, 1065. 107 j.

(Mid 1911)

L 00865-66 ENT(d)/FSS-2/EEC-4

ACCESSION NR: APSO15063

UR/0106/65/000/006/0001/0009 621.396.235.1

20

AUTHOR: Nezerev, V. I. 55

03

TITLE: Reception of signals in the "rotating-phase" duplex PSK systems

SCURCE: Blektrosvyaz', no. 6, 1965,1-9

S

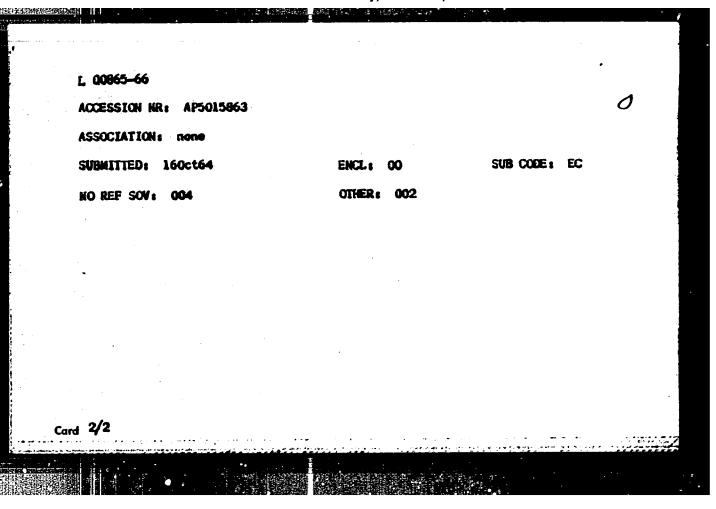
TOPIC TAGS: phase shift keying, duplex telegraphy 4

ABSTRACT: Conventionally, the "retating-phase" telegraph signals (such as used in the Kineplex system, AIEE trans. Comm. and El., 1958, no. 1) are received by phase-comparison methods. The present article suggests two medifications of the synchronous-coherent method for signal reception in duplex systems. In the first (retating-phase) modification, the "reverse operation" and possible spentaneous reversals in the channels are compensated by a post-detector code convertor. In the second modification, a pre-detector phase conversion is used. The synchronizing clockwork-frequency signals are derived directly from the information-carrying signal. Orig. art. has: 6 figures and 24 formulas.

Card 1/2

APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001136



L 22453-66 EWT(d)/FSS-2 ACC NR. AP6005002

SOURCE CODE: UR/0106/66/000/001/0074/0076

AUTHOR: Nazarov, V. I.

18 B

ORG: none

TITLE: Isolation of synchronizing pulses from the signal in a phase-shift keying system with rotating phase

SOURCE: Elektrosvyas', no. 1, 1966, 74-76

TOPIC TAGS: phase shift keying, telegraphy, radio telegraphy

ABSTRACT: In some multichannel phase-shift keying (PSK) systems (such as Kineplex TE-202, TE-207), the sync signal is transmitted over a special channel. In few-channel PSK systems, where alloting a separate channel for sync purposes is undesirable, the synchronizing pulse can be isolated directly from the signal. The article proves theoretically that such isolation is possible in PSK systems with rotating phase. The rotating phase component makes the signal keying phase code redundant; this redundancy carries information on the keying frequency. To eliminate the phase keying, the carrier frequency ω should be multiplied by a factor

Card 1/2

VDC: 621.396.235.9

APPROVED FOR RELEASE: Wednesday, June 21, 2000

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1. 22453-66 ACC NR. AP6005002			
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NVENTOR: Volko	va, L. I.; Zaitova, : Nazarov, V. I.;	A. Ya.; Ioakimis Pryakhina, M. S.;	A. A.; Mochal'nik Petrov, V. N.; Rach S. G.	kovskiy, E.	- .
RG: none		J. 44.55	Soom athul d	lcohol.	
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SOURCE: Byulle	ten' izobreteniy i	tovarnykh znakov,	no. 21, 1965, 12		4
monte TACS: CA	talysis, butanol,	ethyl alcohol		_	ı
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L 46057-66 EWT(d)/FSS-2 OL ACC NR: AT6022340

SOURCE CODE: UR/0000/66/000/000/0020/0022

AUTHOR: Nazarov, V. I.

ORG: None

TITLE: Use of phase signal keying with rotating phase in communication channels

SOURCE: Vsesoyuznaya nauchnaya sessiya, posvyashchennaya Dnyu radio. 22d, 1966. Sektsiya teorii i tekhniki peredachi diskretnykh signalov. Doklady. Moscow, 1966,

20-22

TOPIC TAGS: phase coding, communication coding, communication channel

ABSTRACT: It is shown that signals of the form

 $u_{e}(t) = \sum_{i=1}^{N} U_{mi} \sin \left[w \left(t - t_{i} \right) + \varphi_{i} + \varphi_{0} + \varphi_{inf} + \varphi_{0}^{i} + \varphi_{ro}^{i} \right].$

where $l_i = l_0 + \sum_i \tau_i$ is the length of the *i*-th pulse group, and *N* is the number of pulse groups in the message, is the most general form of phase-keyed signals. In addition to the initial, informational and indeterminate phase components, this signal has a determinate rotating phase component and a second indeterminate component which gives the signal a number of interesting properties. Among these properties are phase keying in any time interval $\Delta l \geqslant n\tau_n$, $(n \in \{2, 3, ..., A\})$ for any combinations

Card 1/2

APPROVED FOR RELEASE: Wednesday, June 21, 2000

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AT6022340

of informational symbols and when there is no useful information in the phase compression channels; mutual independence of the laws for variations in the informational and rotating phase components; storage and explicit discrimination of complete information on keying frequency or the boundaries between code combinations when multiplication of the carrier frequency for the signal being received is incomplete; the signal may be structurally simplified without loss of transmitted information. Examples are given illustrating engineering applications based on the specific properties of phase-keyed signals in phase telegraphy, predetector phase conversion and signal synchronization. Orig. art. has: 1 formula.

SUB CODE: 09/7/SUBM DATE: 09Apr66/ ORIG REF: 004/ OTH REF: 001

Card 2/2 ga