The Cauchy Problem for Certain Types of "G. Ye. Shilov" Parabolic Systems of Linear Equations in Partial Derivatives with Variable Coefficients

$\Lambda(s) = \max_k \operatorname{Re} \lambda_k(s)$. System (1) is called parabolic according to G.Ye. Shilov if for real $s = \sigma$ it holds

(2) $\Lambda(\sigma) \leq -C|\sigma|^h + C_1$,

where C, C_1, $h > 0$. Let (2) be satisfied by (1). Let $G(x,t)$ be the Green function of (1); ν, p, p_0 are assumed to be the genus, order and reduced order of (1) (see [Ref 3]). Then there hold the estimations :

(3) $|G^{(k)}(x,t)| \leq \frac{A}{t^{\frac{n+k+\chi}{h}}} e^{-A_1 t^{-\frac{\nu}{h-\nu}}|x|^{\frac{h}{h-\nu}}}$, $\nu \leq 0$

$\chi = (N-1)(p-h)$

$k = 0,1,\ldots$

Card 2/5

The Cauchy Problem for Certain Types of "G. Ye. Shilov" SOV/38-23-6-8/11
Parabolic Systems of Linear Equations in Partial Derivatives
with Variable Coefficients

$$|G^{(k)}(x,t)| \leq \frac{A_2}{t^{\frac{n+k+\gamma}{h}}} e^{-A_3 t |x|^{\frac{p_0}{p_0-\nu}}}, \quad \nu > 0 \tag{4}$$

A, A_i are positive constants; $0 \leq t \leq T$, $-\infty < x < \infty$.

Let the system

$$\frac{\partial u(x,t)}{\partial t} = P(x, \frac{1}{i}\frac{\partial}{\partial x})\, u(x,t) \tag{8}$$

be given where it is

$$P(x, \frac{1}{i}\frac{\partial}{\partial x}) = P_0(\frac{1}{i}\frac{\partial}{\partial x}) + P_1(x, \frac{1}{i}\frac{\partial}{\partial x})$$

and the system

Card 3/5

$$(9)\quad \frac{\partial u(x,t)}{\partial t} = P_0\left(\frac{1}{i}\frac{\partial}{\partial x}\right)u(x,t)$$

possesses the order p, reduced order p_0, genus ν and the exponent h. In the initial condition

$$(8')\quad u(x,t_0) = \varphi(x)$$

$\varphi(x)$ and the first l_1 derivatives are assumed to be continuous and bounded for all x, $-\infty < x < \infty$.

Theorem: If the order p_1 of P_1 satisfies the conditions

$$(10)\quad 0 \leq p_1 < h - n(1-\nu) - \nu \quad \text{for } \nu \leq 0 \quad \text{and}$$

$$(10')\quad 0 \leq p_1 < h - n\left(1 - \frac{h\nu}{p_0}\right) - \nu \quad \text{for } \nu > 0 ,$$

Card 4/5

The Cauchy Problem for Certain Types of "G. Ye. Shilov" Parabolic Systems of Linear Equations in Partial Derivatives with Variable Coefficients SOV/38-23-6-8/11

if the coefficients of P_1 and their l_2 first derivatives are continuous and bounded, then the solution $u(x,t)$ of the problem (8)-(8') exists in the strip $\Pi(-\infty<x<\infty\ ,\ 0\leq t - t_0 \leq T<\infty)$, is bounded together with α first derivatives and is unique (α arbitrary, $l_1 = l_1(\alpha,n,p)$ and $l_2 = l_2(\alpha,n,p)$).

The author mentions I.G. Petrovskiy; he thanks G.Ye. Shilov for the guidance of the paper.

There are 10 Soviet references.

PRESENTED: by I.G. Petrovskiy, Academician

SUBMITTED: January 17, 1959

Card 5/5

83211
S/140/60/000/004/003/006
C111/C333

16.3500

AUTHOR: Zhitomirskiy, Ya.I.

TITLE: On a Condition for Correct Solubility of the Cauchy Problem for Systems of Linear Partial Differential Equations With Variable Coefficients

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1960, No. 4, pp. 79-88

TEXT: The author proves a longer theorem which under certain conditions guarantees the correct solubility in the class of the bounded functions of Cauchy's problem for the system

(1) $\frac{\partial u(x,t)}{\partial t} = P_0(\frac{1}{i}\frac{\partial}{\partial x})u(x,t) + P_1(x,\frac{1}{i}\frac{\partial}{\partial x})u(x,t)$,

where $u(x,t)=\{u_1(x,t),\ldots,u_N(x,t)\}$, $x=(x_1,\ldots,x_n)$ and P_0 and P_1 are quadratic matrices. The theorem consists of the statement that under certain conditions a certain differential operator P_1 with coefficients depending on x can be added to the right sides of the correct system

(3) $\frac{\partial u(x,t)}{\partial t} = P_0(\frac{1}{i}\frac{\partial}{\partial x})u(x,t)$

Card 1/2

83211

S/140/60/000/004/003/006
C111/C333

On a Condition for Correct Solubility of the Cauchy Problem for Systems of Linear Partial Differential Equations With Variable Coefficients

according to I.G.Petrovskiy, where P_0 has constant coefficients, without disturbing the correct solubility of Cauchy's problem. The author gives classes of equations satisfying the conditions of theorem 1; e.g. the parabolic equations according to G.Ye.Shilov and the correct non-hyperbolic equations according to I.G.Petrovskiy with n=1 satisfy theorem 1 under certain assumptions.
There are 5 Soviet references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova (Moscow State University imeni M.V.Lomonosov)

SUBMITTED: March 30, 1959

Card 2/2

89578

S/140/61/000/001/002/006
C111/C222

16.3500
AUTHOR: Zhitomirskiy, Ya.I.

TITLE: On a theorem of Liouville's type

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, no. 1, 1961, 66-76

TEXT: The author considers the system

$$\frac{\partial u(x,t)}{\partial t} = \sum_{r=0}^{p} P_r\left(x, \frac{\partial}{\partial x}\right) u(x,t) \qquad (1)$$

parabolic acc-ording to I.G. Petrovskiy, where

$x = (x_1,\ldots,x_n)$, $u(x,t) = \left\{u_1(x,t), \ldots, u_N(x,t)\right\}$, $P_r\left(x, \frac{\partial}{\partial x}\right)$ contains derivatives of (p-r)-th order, and $A_r(x)$ are the coefficients of $P_r(x, \frac{\partial}{\partial x})$.

It is assumed that

a) the coefficients $A_o(x)$ and all of their derivatives up to the order $(p + 1)$ are continuous and bounded for $(-\infty < x_i < \infty$, $i = 1,\ldots,n)$.

Card 1/4

On a theorem of Liouville's type

b) the $A_r(x)$, $r = 1,\dots,p$ are continuous in $x_1,\dots, x_n$ together with their first derivatives, where it holds

$$|D_x^m A_r(x)| \leq K\left(\sum_{s=1}^{n} |x_s|^{k_r} + 1\right) \qquad (2)$$

$$k_r < \frac{r}{p-1}\,, \qquad (2')$$

where $K>0$ - - constant ; $m = 0,1$; $-\infty < x_s < \infty$, $s = 1,..,n$, $r=1,\dots,p$, and D_x^m denotes the m-th derivative with respect to $x_1,\dots,x_n$.

Let $f_r(t,t_o) = (t-t_o)^{\frac{k_r}{p}+1}$ and

$$f(t,t_o) = \sum_{r=1}^{p}\left[f_r(t,t_o)(t-t_o)^{\frac{r}{p}}\right]^{\beta_r}\,, \quad \frac{1}{\beta_r} = \frac{r}{p} - \frac{\gamma k_r}{k_o}$$

Card 2/4

89578

S/140/61/000/001/002/006
C111/C222

On a theorem of Liouville's type

Let $p' = \frac{p}{p-1}$, $\frac{1}{q} + \frac{1}{q'} = 1$ and $1 < q' < \frac{p'}{k_0}$. Let $h \geq 0$ be a constant, $\overline{k} < p'$, M_0 and D_9 be constants.

Theorem : Every solution $u(x,t)$ of (1) being regular in the halfspace $t \leq T$ which satisfies

$$|u(x,t)| \leq \psi(t) e^{h \sum_{s=1}^{n} |x_s|^{\overline{k}}} \qquad (26)$$

where $\psi(t_0)$ is so that

$$\lim_{t_0 \to -\infty} \psi(t_0)(T - t_0)^{n+p} e^{M_0 f(T,t_0) + D_9 (T - t_0)^{\frac{k_0 q}{p}}} = 0$$

is identically equal to zero.

Card 3/4

89578

S/140/61/000/001/002/006
C111/C222

On a theorem of Liouville's type

The author mentions S.D. Eydel'man. There are 7 Soviet-bloc and 1 non-Soviet bloc references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova (Moscow State University imeni M.V. Lomonosov)

SUBMITTED: December 31, 1958

Card 4/4

BOROK, V.M.; ZHITOMIRSKIY, Ya.I.

Cauchy problem for parabolic systems degenerating at infinity.
Uch. zap. KGU 135:3-15 '64. (MIRA 17:10)

GEL'FAND, I.M. (Moskva); DYUDENI, N.Ye. (SShA); KIRILLOV, A.A. (Moskva); PODSYPANIN, V. (Tula); TER-MKRTACHAN, M. (Yerevan); KUZ'MIN, Yu.I. (Moskva); VEYL', G. (SShA); FADDEYEV, D.K. (Leningrad); ARNOL'D, V.I. (Moskva); IVANOV, V.F. (San-Karlos, Kaliforniya, SShA); GRAYEV, M.I. (Moskva); LEBEDEV, N.A. (Leningrad); LOPSHITS, A.M. (Moskva); ZHITOMIRSKIY, Ya.I.; MITYAGIN, B.S. (Moskva); SKOPETS, Z.A. (Yaroslavl'); PUANKARE, A. (Frantsiya); GAVEL, V.V. (Brno, Chekhoslovakiya); SOLOMYAK, M.Z. (Leningrad); LEVIN, V.I. (Moskva); BARBAN, M.B. (Tashkent); FRIDMAN, L.M. (Tula)

Problems. Mat. pros. no.5:253-260 '60. (MIRA 13:12)
(Mathematics--Problems, exercises, etc.)

39885

S/044/62/000/007/030/100
C111/C222

16.3500

AUTHOR: Zhitomirskiy, Ya,I.

TITLE: Questions of the correct solvability of the Cauchy problem for systems of linear partial differential equations with variable coefficients

PERIODICAL: Referativnyy zhurnal, Matematika, no. 7, 1962, 56, abstract 7B272. ("Funktsional'n. analiz i yego primeneniye". Baku, AN Azerb SSR, 1961, 70-77)

TEXT: The author considers systems

$$\frac{\partial u(x,t)}{\partial t} = P_0\left(\frac{1}{I}\frac{\partial}{\partial x}\right) u(x,t) + P_1\left(x, \frac{\partial}{\partial x}\right) u(x,t) , \qquad (1)$$

where

$$u(x,t) = \{u_1(x,t),\ldots, u_N(x,t)\} , \; x = (x_1,\ldots, x_n) .$$

It is assumed that the system with constant coefficients

Card 1/ 4

S/044/62/000/007/030/100
C111/C222

Questions of the correct ...

$$\frac{\partial u_0(x,t)}{\partial t} = P_0\left(\frac{1}{i}\frac{\partial}{\partial x}\right)u_0(x,t) \qquad (2)$$

is correct (i.e. that the condition A of I.G. Petrovskiy is satisfied). A solution is sought which satisfies the initial condition

$$u(x,0) = \varphi(x) . \qquad (3)$$

Let $G_0(x,t)$ be the Green matrix of (2) ; for arbitrary $0 \leq r \leq p_1$ (p_1 is the order of the operator P_1), $0 < t \leq T$, the elements of $G_0(x,t)$ and their derivatives up to the order p_1 are to be ordinary functions ; they are to satisfy inequalities of the kind

$$|D_x^r G_0(x,t)| < C_0 \frac{1+|x|^{\alpha_r}}{t^{\beta_r}},$$

$$0 < r < p_1, \quad 0 < \alpha_r < \alpha, \quad \beta_r < \beta < 1.$$

Card 2/4

Questions of the correct ...

In this case (if the coefficients of the operator P_1 satisfy certain smoothness conditions and certain conditions concerning the decrease at infinity) there exists a unique solution u(x,t) to the Cauchy problem (1) - (3) which satisfies the estimations

$$|D_x^r u(x,t)| \leq \begin{cases} C(1+|x|^{\alpha_r}), & r = 0,1,\ldots, p_1 \\ C(1+|x|^{\alpha}), & r = p_1+1,\ldots, M \end{cases}$$

for each function $\varphi(x)$ with bounded derivatives up to the order l. The proof is carried out by successive approximation for the system

$$u(x,t) = u_0(x,t) + \int_0^t d\tau \int_{-\infty}^{\infty} G_0(x-\xi, t-\tau) P_1\left(\xi, \frac{\partial}{\partial \xi}\right) u(\xi,\tau)\, d\xi.$$

Card 3/4

Questions of the correct ...

The estimations of the type (4) are obtained for an equation with one spatial variable and for parabolic systems in the sense of G.Ye. Shilov. For these cases the author formulates stronger theorems. An interesting example in the equation

$$\frac{\partial u(x,t)}{\partial t} = i\left(\frac{1}{i}\frac{\partial}{\partial x}\right)^p u(x,t) - e^{-x^2}\frac{\partial^2 u(x,t)}{\partial x^2}, \quad p>2 .$$

It is not correct for any fixed value of the coefficient e^{-x^2}; the Cauchy problem for this equation, however, is correctly solvable. There are no proofs.

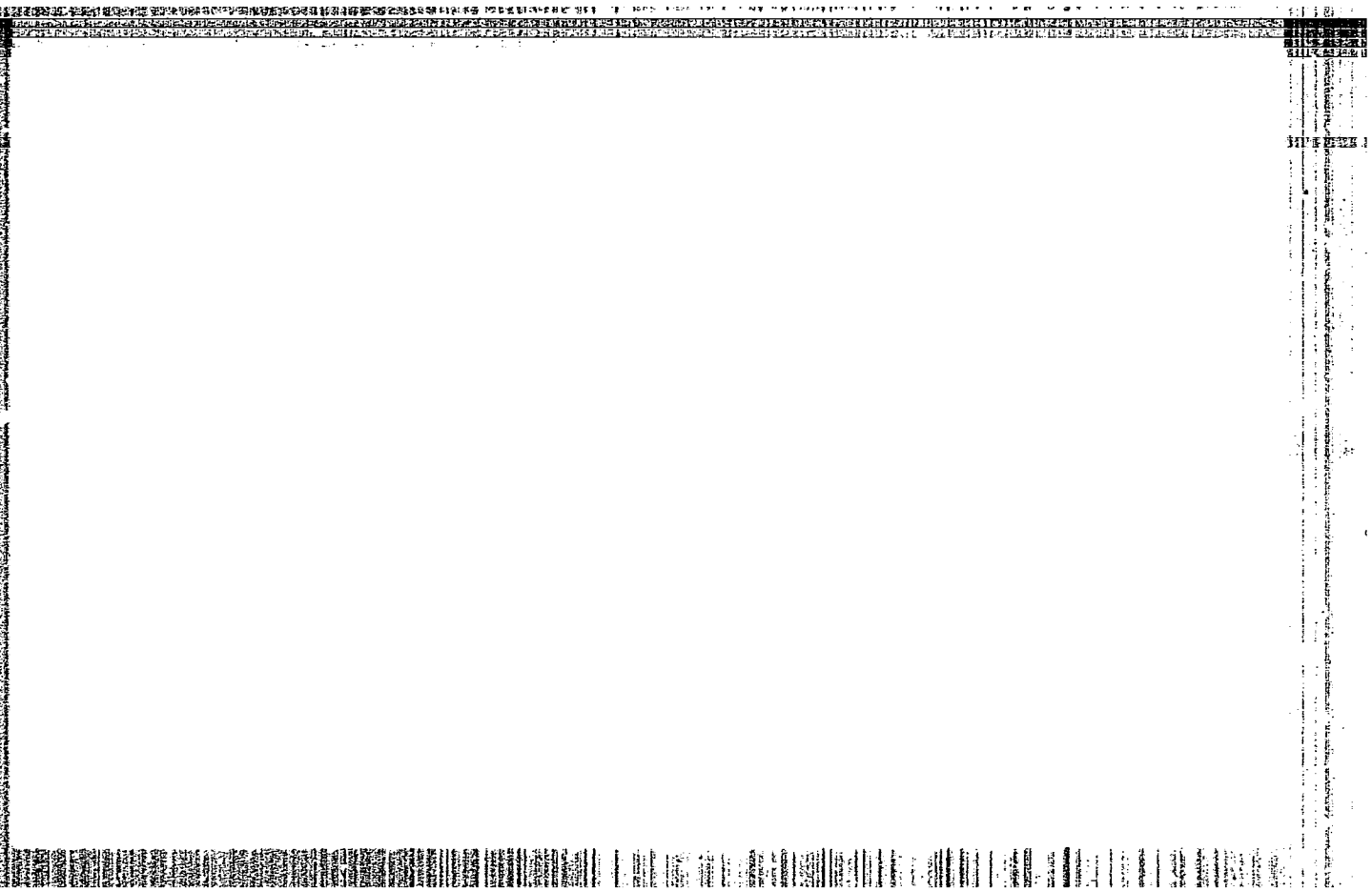
[Abstracter's note : Complete translation.]

Card 4/4

ZHITOMIRSKIY, YE. B.

20824. Gendel'man, M. A. i Zhitomirskiy, Ye. B. Planirovka proizvodstvennoy zony v sel'skokhozyayst vennykh naselennykh mestakh. Trudy Odes. S.-kh. in-ta, t. V, 1948, s. 93-105.

SO: LETOPIS ZHURNAL STATEY -Vol. 28, Moskva, 1949.



APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064820017-1"

ZHITOMIRSKII, L. L.

monobasic acids. XI. [illegible]
(State Pedagog. Inst. [illegible]
25, 1159-62(1955). [illegible]
Ac_2O were heated until a homogeneous soln. formed, this was cooled and treated with 1.3 ml. BF_3-Et_2O followed by 51 g. $PhC{\equiv}CH$ added with cooling; stirring for 2.8 hrs. was followed by dilu. with Et_2O and treatment with H_2O; the org. layer yielded 35.7% *PhC(OAc):CH*$_2$, b_5 89.5-90°, d_4° 1.0894, d_{20}^{20} 1.0724, d_D 1.0706, n_D^{20} 1.5229, and some AcPh and $PhC{\equiv}CH$. The product with semicarbazide HCl salt and KOAc in aq. soln., followed by addn. of EtOH and standing 1 week gave AcPh semicarbazone. Similar reaction with $EtCO_2H$ gave 13.6% *PhC(O$_2$C$_2$H$_5$):CH*$_2$, b_6 121-1.5°, d_4° 1.0980, d_{20}^{20} 1.0500, d_D 1.0482, n_D^{20} 1.5250, which with semicarbazide in AcOK soln. gave AcPh semicarbazone. The use of $PrCO_2H$ similarly yielded 14.8% *PhC(O$_2$C$_3$H$_7$)=CH*$_2$, b_4 131.5-2°, d_4° 1.0434, d_4^{20} 1.0275, n_D^{20} 1.5180), which also gave AcPh semicarbazone when treated with semicarbazide in aq. soln. as above. M. K.

BOL'SHUKHIN, A.L.; ZHITORCHUK, V.L.

Interaction of phenylacetyle with lower, saturated, monobasic acids. Zhur.ob.khim. 25 no.8:1459-1462 Ag '55. (MLRA 9:5)

1.Leningradskiy gosudarstvennyy pedagogicheskiy institut.
(Acids, Organic) (Benzene)

AUTHOR: Markov, G.N., Candidate of Technical Sciences and Zhitov, B.N., Shashkova, T.D., Shteyn, I.Ya. and Gilyazetdinov, L.P., Engineers. (D.I. Mendeleyev Chemical-Technology Institute in Moscow).

TITLE: Preparation of coals for coking by a preliminary thermal treatment. (Predvaritel'naya termicheskaya podgotovka ugley dlya koksovaniya.)

PERIODICAL: "Koks i Khimiya" (Coke and Chemistry), 1957, No. 4, pp. 12 - 17, (U.S.S.R.)

ABSTRACT: The literature on the influence of thermal treatment of coal on its coking properties is briefly reviewed. The influence of thermal treatment of coals on their coking properties and the quality of coke produced was investigated on a laboratory scale using individual coals and an industrial blend (% G - 25; PZh - 40; K - 20; PS - 15), their properties are given in Table 1. Two series of experiments were carried out: in series 1 the dependence of changes in bulk densities proximate analysis, sulphur content, plastic properties, and compression required for producing briquettes on the final temperature attained during the treatment (Tables 2-7) was investigated; in the second series coals were treated in a rotary furnace (Fig. 1) in sufficient quantities to produce coke in an experimental oven (IGI) and for comparison the same coals were carbonised without pre-treatment. Treated blend was

Preparation of coals for coking by a preliminary thermal treatment. (Cont.)

charged hot into the oven. The comparison of the rise of temperature in the centre of the oven with treated and untreated charge is given in Table 8. Thermal treatment (up to 350 °C) improved coking properties of coals and the quality of coke produced. It is concluded that thermal treatment of coals before coking increases the throughput of ovens, prolongs the service time of oven refractories, and widens the range of available raw materials. Moreover, some degree of de-sulphurisation of coals during pre-treatment is obtained leading to a decreased sulphur content of coke.
There are 8 tables, 2 figures and 9 references, including 8 Russian.

ZHITOV, B.N.; IVANOV, Ye.N.; MAKAROV, G.N.; CHECHETKIN, A.V.

Investigation of the process of the preliminary thermal preparation of coals by means of a gaseous heat carrier. Trudy MKHTI no.28: 17-27 '59. (MIRA 13:11)

(Coal preparation)

DVORIN, S.S.; ZHITOV, B.N.; LERNER, R.Z.; MAKAROV, G.N.; SAZONOV, S.A.; SYSKOV, K.I.

Coking of preheated coals as a method of intensifying the production of coke and improving its quality. Trudy MKHTI no.28:28-37 '59. (MIRA 13:11)

(Coal--Carbonization)

ZHITOV, B.N.; MAKAROV, G.N.; DVORIN, S.S.

Coking of preheated coal and coal charges. Koks i khim. no.2: 16-23 '64. (MIRA 17:4)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I.Mendeleyeva (for Zhitov, Makarov). 2. Gosplan SSSR (for Dvorin).

ZHITOV, B.N.; MAKAROV, G.N.

Investigation of effect of preheating on the coal charge.
Koks i khim. no.16:3-6 '61. (MIRA 15:2)

1. Moskovskiy Ordena Lenina khimiko-tekhnologicheskiy institut im. D.I.Mendeleyeva.

(Coke)

1. ZHITOV, F.N.

2. USSR (600)

4. Cotton Growing

7. Planting a single cotton plant per hill, Dost.sel'knoz, no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

ZHITOV, I. N.
Min Higher Education USSR. Moscow Forestry Engineering Inst.

ZHITOV, I. N. - "The theory of keeping records on rolling stock circulating on railless roads and its application to records of wood-hauling wagons." Min Higher Education USSR. Moscow Forrestry Engineering Inst. Moscow, 1956.
(Dissertation for the Degree of Doctor in Technical Sciences.)

SO: Knizhnaya Letopis' No. 13, 1956.

ZHITOV, Konstantin Yevlampiyevich (Higher Party School of the city of Tashkent) for Doc Hist Sci on the basis of dissertation defended 4 Dec 58 in Council of Inst of History, Acad Sci USSR, entitled "The Victory of the Great October socialist revolution in Uzbekistan." (BMViSSO USSR, 1-61, 28)

NEPOMNIN, V.Ya., kand.istor.nauk; ZHITOV, K.Ye., doktor istor.nauk, otv.red.; RAYEVSKIY, L.A., red.; SALAKHUTDINOVA, A., tekhn.red.

[Historical experience in the building of socialism in Uzbekistan, 1917-1937] Istoricheskii opyt stroitel'stva sotsializma v Uzbekistane, 1917-1937. Otvet.red.K.E.Zhitov. Tashkent, Gos.izd-vo Uzbekskoi SSR, 1960. 381 p. (MIRA 13:9)
(Uzbekistan--Economic conditions)

Zhivel, Skiba

POLAND/Microbiology - General Microbiology F-1

Abs Jour : Referat Zhurn - Biol. No 16, 25 Aug 1957, 68434

Author : Zhivel, Skiba
Title : Sterilization of Vinegar by Ultraviolet Rays.

Orig Pub : Przem. Spozywczy, 1955, 9, No 11, 481-482

Abstract : No abstract.

Card 1/1 - 18 -

PRYANISHNIKOV, Dmitriy Nikolayevich , 1865-1948; KURSANOV, A.L., akademik, redaktor; ZHITOV, S.P., redaktor; AUZAN, M.P., tekhnicheskiy redaktor.

[Selected works] Izbrannye sochineniia. Moskva, Izd-vo Akademii nauk SSSR, Vol.4, 1955. 596 p. (MLRA 8:12)
(Agricultural chemistry)

ZHITOVA, I.Ye.,; IVANOVA, N.A.,; TARANYUK, Z.Ye.

Regeneration of filtrable forms of enteric bacteria by using "feeder" bacteria. Zhur. mikrobiol., epid. i immun. 27 no.1:5-8 Ja '56 (MLRA 9:5)

1. Iz Gor'kovskogo instituta vaktsin i syvorotok (dir.A.A. Golubev)

(CULTURE MEDIA,
for enteric filtrable bact. regen. (Rus))
(BACTERIA,
enteric filtrable, culture media for determ. of regen. (Rus))

ZHITOVA, Ye. I.

"Cellular Reactions as Immunobiological Indices in Typhoid," Zhur. Mikrobiol., Epidemiol. i Immunobiol., No.12, page 27, 1946

"Communication XIV: Antagonism and Mutability of the Microbes of the Intestinal Group in Mixed Cultures," Materialy k izucheniyu ob izmenchivosti mikrobov kishechnoy gruppy (Data Pertaining to the Theory of the Mutability of Bacteria of the Intestinal Group), ZhMEI, 2, 83-84, 1948

YE. I. ZUYEVA, AND F. T. [illegible]

"Communication XVI. Artificial Selection as a Method of Isolating Serological Variants," Materialy k ucheniyu ob ezmenchivosti mikrobov kishechnoy gruppy (Data for the Study of Variability in Bacteria of the Intestinal Group), VI, 3-16, 1948

CA ZHITOVA, YE. I. Microbiology 11-L

Variability of the bacteria of the intestinal group. XVIII. Antibiotic properties of the culture filtrates of bacteria of the intestinal group. E. I. Zhitova, I. A. Privalov, and L. V. Rudakova (Inst. Epidemiol. Microbiol., Gorki). *Zhur. Mikrobiol. Epidemiol. Immunobiol.* 1940, No. 7, 80-3; *Chem. Zentr.* 1950, I, 2245.—Bacteria of the intestinal group are understood to include, in addn. to coli bacteria, organisms producing intestinal disease. Coli bacteria were shown to be especially active antibiotically. Species of *Shigella* were less active. The resistance to antibiotics varied among bacteria of the same type. The antibiotic substances were thermostable and could be adsorbed on talcum. M. G. Moore

ZHITOVA, Ye. I., IVANOVA, N. A. and LAVROVSKAYA, V. M.

"Filterable Forms of Bacteria," Sbornik Trudov Gor'kovskogo Instituta Epidemiologii i Mikrobiologii, Gor'kiy, 1951

ZHITOVA, Ye. I.

"The Antigen Structure of Typhoid Fever Bacilli and the Immunological Reactions of an Organism." Dr Med Sci, Gor'kiy Medical Inst, Gor'kiy, 1954. (RZhBiol, No 2, Jan 55)

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

Zhitova Ye. I.

FD-3309

USSR/Medicine - Bacteriology

Card 1/1 : Pub. 148-5/24

Author : Zhitova, Ye. I., Ivanova, N. A., and Taranyuk, Z. Ye.

Title : The regeneration of filterable forms of bacteria on various nutrient media

Periodical : Zhur. mikro. epid. i immun. 10, 32-36, Oct 1955

Abstract : The observation of filterable forms of bacteria is possible without the use of "feeders" if the material being investigated is cultured on nutrient media rich in natural protein and containing a specific vitamin composition (A Dorset egg medium, serum bouillon, or Martin's bouillon with liver extract and yeast autolysate). Various conditions are required for the regeneration of the filterable forms of different species of bacteria. Filterable forms generated in aerated cultures have a greater chance of developing into cellular forms than those obtained from phagolysates of cultures. No references cited.

Institution : Gor'kiy Institute of Vaccines and Sera (Director - A. A. Golubev)

Submitted : January 14, 1955

ZHITOVA, Ye.I.; KUDRYASHOVA, K.I.

Effect of cortisone on typhoid bacteria infections in immune animals. Zhur.mikrobiol., epid. i immun. 42 no.2:27-31 F '65. (MIRA 18:6)

1. Gor'kovskiy meditsinskiy institut imeni Kirova.

ZHITOVA, Ye.I.; KUDRYASHEVA, K.I.

Effect of cortisone in experimental typhoid fever infection in mice. Zhur. mikrobiol., epid. i immun. 41 no.10:22-26 '64. (MIRA 18:5)

1. Gor'kovskiy meditsinskiy institut imeni Kirova.

ZHITOVA, Ye.I.; KUDRYASHEVA, K.I.

Reaction of completed phagocytosis in the process of self-decontamination of animals from typhoid fever bacteria. Zhur. mikrobiol., epid. i immun. 40 no. 8:112-117 Ag '63. (MIRA 17:9)

1. Iz Gor'kovskogo meditsinskogo instituta imeni Kirova.

ZHITOVA, Ye.I.

Preparation of Vi diagnosticum. Zhur.mikrobiol.epid.i immun. 31 no.1:34-37 Ja '60. (MIRA 13:5)

1. Iz kafedry mikrobiologii Gor'kogo meditsinskogo instituta imeni Kirova.

(SALMONELLA immunol.)

ZHITKOVA, YE. I.

Filtrable types of intestinal bacteria.

Report submitted at the 13th All-Union Congress of Hygienists, Epidemologists and Infectionists, 1959.

ZHITOVA, Yelena Ivanovna.

Gor'kiy Sci-Res Inst of Vaccines and Serums, Academic degree of Doctor of Med Sci, based on her defense, 18 June 1954, in the Council of the Gor'kiy Med Inst imeni Kirov, of her dissertation entitled: "The Antigenic Structure of the Rod-shaped Bacilli of Typhoid and the Immunological Reactions of the Organism".

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no 8, 2 April 55, Byulleten' MVO SSSR, No. 14, July Moscow pp 4-22, Uncl.
JPRS/NY-429

ZHITS, M.

ZHITS, M., kandidat tekhnicheskikh nauk; MARKOVNIKOV, V., kandidat tekhnicheskikh nauk.

Increasing the length of service of trolley-bus transmission gears. Zhil.-kom.khoz. 4 no.3:13-17 '54. (MLRA 7:6)
(Trolley buses--Transmission devices)

LIPATENKOV, Ivan Vasil'yevich; KAPRALOV, Mikhail Karpovich; BITUNOV, Yevgeniy Ivanovich; VAKUROV, Konstantin Viktorovich; KUZOVSKIN, Konstantin Sergeyevich; PAVLOV, Leonid Vasil'yevich; KLOCHKOV, Ivan Nikitich; ZHITS, Margoliya Isaakovna; KHROMOV, Vasiliy Vasil'yevich; LIPSHITS, N.V., redaktor; KOPELEVICH, Ye.I., redaktor; DMITRIYEVA, N.I., tekhnicheskiy redaktor

[Assembling and adjusting mechinery of looms with picker sticks; work practices of foremen and assistants in the Monin worsted mills] Ustanovka i naladka mekhanizmov tkatskikh stankov s verkhnim boem; obobshchennyi opyt raboty masterov i pomoshchnikov mastera Moninskogo kamvol'nogo kombinata. Pod red. N.V.Lipshitsa. Moskva, Gos.nauchno-tekhn.izd-vo M-va legkoi promyshl.SSSR, 1957. 109 p. (MLRA 10:9)
(Looms)

ZHITS, M.Z., kand. tekhn. nauk

Review of A.P. Prolygin's book "Electrical apparatus of municipal electrified transport." Elektrotekhnika 35 no.11:63 N '64.
(MIRA 18:6)

USSR / Human and Animal Physiology (Normal and Pathological). T
Digestion.

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60448

Author : Zhits, M. Z.
Inst : Not given
Title : Nocturnal Gastric Secretion and its Significance in the Differential Diagnosis of Organic and Functional Gastric Disturbances

Orig Pub : V sb.: Klinika i lecheniye zabolevaniy zheludka. Ordzhonikidze, 1956, 101-105

Abstract : In patients with various gastric diseases and with duodenal ulcer, and in healthy people after the removal of food remnants, the gastric juice (GJ) was removed completely between 9 o'clock in the evening and 6 in the morning every 30 minutes. In normal people, the hourly quantity of GJ increased during sleep, and dropped on

Card 1/2

ZHITS, M.Z., kand. tekhn. nauk

Stability of the operation of d.c. motors with parallel excitation and weakened fields. Elektrotekhnika 34 no.11: 49-52 N '63. (MIRA 17:2)

ZHITS, M.Z., kand.tekhn.nauk

Calculation of transient processes in d.c. electric machines.
Vest. elektroprom. 31 no.11:33-38 N '60. (MIRA 13:12)
(Electric railway motors)

ZHITS, M.Z.; TOMLYANOVICH, D.K.; VLASOVA, L.M.

Experimental trolley-bus line operating on 1200 v. Sbor. nauch.rab.AKKH no.13:12-17 '62. (MIRA 16:4)
(Moscow--Trolley buses)

BONDAREVSKIY, Dmitriy Ivanovich; VASIL'YEV, Grigoriy Ivanovich; ZHITS, Meyer Zalmanovich; SOKOLOV, L.S., red.; AKATOVA, V.G., red.izd-va; LEL'YUKHIN, A.A., tekhn.red.

[Rolling stock of streetcars and subways] Podvizhnoi sostav tramvaia i metropolitena. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1960. 371 p. (MIRA 13:12)
(Streetcars) (Subways)

[illegible], Engineer — Cand Tech Sci

Dissertation: "Investigation of Self-Excitation of Series Traction Electric Motors on the Rolling Stock of City Transport with Rheostatic Braking."

29/6/50

Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov

SO Vecheryaya Moskva
Sum 71

ZHITS, M.Z.

Investigation of the process of self-excitation of series-connected traction motors during resistance braking. Elektrichestvo '53, No.4, 55-61.(MLRA 6:4) (EEA 56 no.672:4939 '53)

ZHITSA, V. A. T. Cand Med Sci -- (diss) "The nervous apparatus of the periosteum of the human humerus," Kishinev, 1957. 17 pp (Kishinev State Med Inst. Chair of Normal Anatomy), 200 copies (KL, 4-58, 86)

ZHITSA, V.T. (Moldavskaya SSR, g. Kishinev, Komsomol'skaya ul., d.21)

Elements of sympathetic innervation of periosteum of the humerus. Arkh. anat. gist. i embr. 36 no.3:68-70 Mr '59. (MIRA 12:7)

1. Kafedra normal'noy anatomii (zav. - prof. V.V. Kupriyanov) Kishinevskogo meditsinskogo instituta.
(PERIOSTEUM, innerv.
humerus, autonomic innerv. (Rus))
(HUMERUS, innerv.
periosteal sympathetic (Rus))

USSR/Human and Animal Morphology (Normal and Pathological) S-3
Peripheral Nervous System

Abs Jour : Ref Zhur - Biol., No 12, 1958, No 55080

Author : Zhitsa, V.T.
Inst : Kishinev Institute of Medicine.
Title : Data on the Innervation of the Human Humerus.

Orig Pub : Tr. Kishinevsk. med. in-ta, 1956, 5, 285-292

Abstract : A large number of medullated nerve fibers and Remak fibers, as well as loose-lying and encapsulated nerve terminations are to be found in the periosteum (P) of the humerus. In the upper third section of the bone, P is more richly innervated. The nerve network is especially dense in places of muscle attachments. A part of the encapsuled terminations has a wide internal flask, others do not have it. In shildhood, the nerve elements of P are situated close to each other, and form a finelooped network, while the encapsuled receptors osculate closely with each other. With advancing age, the space between the corpuscles widens, a fact which leads to the inclusion of larger regions of P.

Card : 1/1

ZHITSKAYA, N.V. [Zhytskaia, N.V.]

Ice formation on the Pripet river and calculation of heat losses from the water surface. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no.4: 118-121 '64. (MIRA 18:3)

ZHITSKIY, A.G.

Automatic drying of transformer oils. Elek.i tepl.tiaga 6 no.1: 16-17 Ja '62. (MIRA 15:1)

1. Nachal'nik remontno-revizionnogo tsekha Lozovskogo uchastka energosnabzheniya, Yuzhnoy dorogi.
(Insulating oils--Drying)

YAKIMOVICH, V., inzh.; MAGONIN, P.; SHELEST, S.; OSNOVIKOV, G.; KALACHEV, O., inzh.; DOKTORMAN, M.; ZHITYAYEV, S.; FARBER, A., inzh.

Suggestions of efficiency operators introduced at grain procurement stations and grain-milling enterprises. Muk.-elev. prom. 25. no.4:23-29 Ap '59. (MIRA 13:1)

1.Ministerstvo khleboproduktov Kazakhskoy SSSR (for Yakimovich). 2.Chelyabinskoye upravleniye khleboproduktov (for Magonin). 3.Glavnyy inzhener Novomoskovskogo zavoda po obrabotke semyan kukuruzy (for Shelest).4.Altayskoye upravleniye khleboproduktov (for Osnovikov). 5.Ministerstvo khleboproduktov BSSR (for Kalachev). 6.Luganskoye upravleniye khleboproduktov (for Doktorman). 7.Kuybyshevskoye upravleniye khleboproduktov (for Zhityayev).

(Grain elevators) (Grain milling)

BELEVICH, V.V.; SHVETSOVA, V.F.; ZHITYAYKINA, N.F.; BYKADOROV, I.S.; IVANOV, G.I., kand.sel'skokhoz.nauk; GERMANISHVILI, V.Sh., kand.geogr.nauk, retsenzent; SOKOLOV, I.F., retsenzent; KALMYKOVA, V.V., retsenzent; LYUBOMUDROVA, S.V., retsenzent; KRUZHKOVA, T.S., retsenzent; BOYKOVA, K.G., retsenzent; NOVSKIY, V.A., otv.red.; VLASOVA, Yu.V., red.; SERGEYEV, A.N., tekhn.red.

[Agroclimatic manual for the Maritime Territory] Agroklimaticheskii spravochnik po Primorskomu kraiu. Leningrad, Gidrometeor.izd-vo, 1960. 129 p. (MIRA 14:4)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologicheskoy sluzhby. Primorskoye upravleniye. 2. Vladivostokskaya gidrometeorologicheskaya observatoriya (for Belevich, Shvetsova, Zhityaykina, Bykadorov). 3. Dal'nevostochnyy nauchno-issledovatel'skiy gidrometeorologicheskiy institut (for Germanishvili, Sokolov, Kalmykova, Lyubomudrova, Kruzhkova, Boykova).
(Maritime Territory--Crops and climate)

AID Nr. 989-15 13 June

HEAT EXCHANGE IN BOUNDARY LAYER (USSR)

Šlančiauskas, A., J. Žiugžda, and A. Žukauskas. Mokslas ir technika, no. 4, 1963, 34-35. S/253/63/000/004/001/001

Relationships for calculating heat exchange when the properties of a fluid are changing have been derived by measuring the velocity and temperature fields in the boundary layer over a heated and cooled plate in oil and water jets. Precision instruments such as pneumometric tubes, microthermocouples, and semiconductor velocity gages were used. The plate was heated by a unipolar dc current generator producing a current of 20,000 amp and was cooled by water. The results show that when the temperature difference is large the velocity field is distorted for both laminar and turbulent flows: during heating the velocity close to the wall increases and during cooling decreases. This distortion is the main reason that the heat exchange varies by 50% and more in comparison with constant flow properties. The velocity and temperature fields calculated by the formulas derived are in good agreement with experimental values. [JA]

Card 1/1

CHINENKOV, Yuriy Vasil'yevich, kand. tekhn. nauk; ZHIV, Aleksandr Semenovich; BORODINA, I.S., red.izd-va; KOMAROVSKAYA, L.A., tekhn. red.

[Precast cylindrical shells of light and cellular concrete] Sbornye tsilindricheskie obolochki s primeneniem legkogo i iacheistogo betonov. Moskva, Gosstroiizdat, 1963. 78 p. (MIRA 16:8)

(Roofs, Shell)

ZHIV, B. V. Cand. Biolog. Sci.

Dissertation: "The Reaction of Symphatic Ganglia and Connective Tissue During Experimental Infection (Flexner's Dysentery)." Inst of Evolutional Morphology imeni Academician A. N. Severtsov, Acad Sci USSR, 9 Dec 47.

SO: Vechernyaya Moskva, Dec, 1947 (Project #17836)

ZHIV, B. V.

"Observations on the Cultural Growth of Conjunctival Tissue Obtained from Trachoma Patients," Arkh. Patol., 10, No. 3, 1948.

Mbr., Pathological Dept., Central Inst. Ophthalmology im. Gelmgol'ts,C1948-.

Mbr., Chair Histology, Med. Inst, Min. Health RSFSR, -c1948-.

L 12809-66 EWT(1)/EWA(j)/T/EWA(b)-2 JK
ACC NR: AP5028187 SOURCE CODE: UR/0248/65/000/008/0066/0074

AUTHOR: Kagan, G. Ya.; Rakovskaya, I. V.; Koptelova, Ye. I.; Prozorovskiy, S. V.; Zhiv, B. V.; Komm, S. G.

ORG: Institute of Epidemiology and Microbiology Academy of Medical Sciences SSSR (Institut epidemiologii i mikrobiologii im. N. F. Gamaleĭ AMN SSSR, Moscow)

TITLE: Comparison of the cytopathogenic effect produced by different types of L-form bacteria and mycoplasms in tissue cultures

SOURCE: AMN SSSR. Vestnik, no. 8, 1965, 66-74

TOPIC TAGS: bacteria, microbiology, mycoplasm

ABSTRACT: The authors present the results of a comparative study of the cytopathogenic effect produced by several species of L-form bacteria and mycoplasms and their capacity to grow in various tissue cultures. The bacteria tested included the stable L-culture of *S. typhi*, No. 152L, stable L-culture of the hemolytic streptococcus No. 196L, and two stable L-cultures of the streptococci Nos. 406L and 409L. *M. laidlawii* and *M. agalactiae* were the mycoplasms tested. The L-form bacteria and mycoplasms

Card 1/2 UDC: 576.8.095.5.06 : 576.3

L 12809-66

ACC NR: AP5028187 O

differ in their elective action on various tissue cultures and in the nature and intensity of the cytopathogenic changes that they produce. For example, *M. laidlawii* provokes a sharp cytopathogenic effect in chick embryo cultures, the titer reaching a maximum on the second day. *M. agalactiae* produces very slight cytopathogenic changes, e.g., attenuation of the layer, the titer reaching a maximum in 6-8 days. Mycoplasms grow on chick embryo fibroblasts in titers of 10^5 to 10^7 without inducing cytopathogenic changes. Mycoplasms differ from one another in the time required for the cytopathogenic changes to become manifest in cultures and in the pH of the medium. The results of these investigations suggest that a study of the cytopathogenic effect and growth of L-form bacteria and mycoplasms in tissue cultures may be useful in differentiating them. Orig. art. has: 3 figures, 2 tables.

SUB CODE: 06/ SUBM DATE: 28May65/ ORIG REF: 001/ OTH REF: 001

jw

Card 2/2

KAGAN, G.Ya.; RAKOVSKAYA, I.V.; KOPTELEVA, Ye.I.; PROZOROVSKIY, S.V.; ZHIV, B.V.; KOMM, S.G.

Comparative characteristics of the cytopathogenic effect of various types of L-form bacteria and Mycoplasma in tissue culture. Vest. AMN SSSR 20 no.8:66-74 '65. (MIRA 18:9)

1. Institut epidemiologii i mikrobiologii imeni N.F.Gamalei AMN SSSR, Moskva.

GINDIN, A.P.; YATSIMIRSKAYA-KRONTOVSKAYA, M.K.; ZHIV, B.V.; SALAGOVA, T.A.

Pathomorphology of local reactions to the inoculation of the typhus vaccine following sedimentation. Zhur.mikrobio.epid. i immun. no.7:69-71 Jl '55. (MLRA 8:10)

1. Iz Instituta epidemiologii i mikrobiologii imeni N.F. Gamalei AMN SSSR dir. prof. G.V.Vygodchikov.
(TYPHUS, immunology,
vaccine, local reactions)
(VACCINES AND VACCINATIONS,
typhus vaccine, local reactions)

ZHIV, D.I.

Work experience in compiling special maps of the U.S.S.R. for use in colleges; based on the example of the geological and tectonic map with a scale of 1:4,000,000. Sbor.st.po kart. no.6:25-30 '54. (MLRA 10:9)

(Geology--Maps)

SEMENOV, A.I., otv.red.; FILIPPOV, Yu.V., prof., doktor tekhn.nauk, red.; BASHLAVIN, V.A., kand.tekhn.nauk, red.; VOYNOVA, V.V., red.; GURARI, Ye.L., kand.ekonom.nauk, red.; GUREVICH, I.V., red.; ZHIV, I.S., red.; ZARUTSKAYA, I.P., red.; ZASLAVSKIY, I.I., red.; KOZLOV, F.M., red.; NIKISHOV, M.I., kand.geograf.nauk, red.; SADCHIKOV, S.F., red.; TIKHOMIROV, D.I., red.; TUTOCHKINA, V.A., red.; BALANTSEVA, I.A., red. kart; BOGDANOVA, L.A., red.kart; BOCHAROVA, I.L., red.kart; VENEVTSEVA, G.P., red.kart; VOLKOVA, A.P., red.kart; GOSTEVA, N.A., red.kart; YEFIMOVA, G.N., red.kart; ZHIV, D.I., red.kart; KRAVCHENKO, A.V., red. kart; KUBRIKOVA, N.S., red.kart; KUZNETSOVA, N.A., red.kart; KURSAKOVA, I.V., red.kart; LOBZOVA, N.A., red.kart; MERTSALOVA, L.M., red.kart; MOSTMAN, S.L., red.kart; PANFILOVA, M.V., red.kart; SEMENOVA, V.D., red.kart; SMIRNOVA, T.N., red.kart; TERESHKOVA, V.S., red.kart; FEDOROVSKAYA, G.P., red.kart; FETISOVA, N.P., red.kart; FIL'GUS, Z.Kh., red.kart; SHAPIRO, Ye.M., red.kart; SHISHKIN, Ye.A., red.kart; YASHUNICHKINA, Ye.G., red.kart. V razrabotke kart prinimali uchastiye: ALISOV, B.A., prof.; BERZINA, M.Ya.; VASILEVSKIY, L.I.; GAVRILOVA, S.A., kand.geograf.nauk; GINZBURG, G.A., kand.tekhn.nauk; DOBOSHINSKAYA, I.B.; YEVSTIGNEYEVA, A.I.; LAVRENKO, Ye.M., prof.; LOZINOVA, V.M., kand. tekhn.nauk; MILANOVSKIY, Ye.Ye., kand.geologo-mineral.nauk; MIKHAYLOV, A.A., prof.; MYSHKIN, Ye.P.; PUZANOVA, V.F., kand.geograf.nauk;

(Continued on next card)

SEMENOV, A.I.---(continued) Card 2.
ROZOV, N.N., prof.; SMIRNOV, D.I.; TARASOV, A.P.; TROFIMOVSKAYA, Ye.A., kand.geograf.nauk; TUGOLESOV, D.A., kand.geologo-mineral. nauk. ZININ, I.F., tekhn.red.

[Geographical atlas for secondary school teachers] Geograficheskii atlas; dlia uchitelei srednei shkoly. Izd.2. Moskva, Glav.upr. geodezii i kartografii MVD SSSR, 1959. 191 p. (MIRA 12:11)

1. Predstavitel' Nauchno-issledovatel'skogo instituta metodov obucheniya Akademii pedagogicheskikh nauk RSFSR (for Zaslavskiy). 2. Predstavitel' Upravleniya shkol Ministerstva prosvyashcheniya RSFSR (for Tutochkina). 3. Chleny-korrespondenty AN SSSR (for Lavrenko, Mikhaylov).

(Maps)

ZHIV, I.S., redaktor; STEPANOVA, T.K., tekhnicheskiy redaktor

[World map of mineral resources] Karta mestorozhdenii poleznykh iskopaemykh mira. Moskva, 1949. (MLRA 7:7)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodezii i kartografii.
(Mines and mineral resources)

ZHIV, I.S., red.

[Map of mineral resources of the world; a map for schools] Karta mestorozhdenii poleznykh iskopaemykh mira: uchebnaia, 1 ianvaria 1950 g.; karta sostavlena nauchno-redaktsionnoi kartosostavitel'skoi chast'iu GUGK v 1947 g. i ispravlena v 1955 g. Redaktor Zhiv, I.S. Moskva, 1955. (MIRA 12:6)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodesii i kartografii.
(Mines and mineral resources--Maps)

ZHIV, I.S.

A poor reference book. ("Administrative and territorial division of foreign countries," by A.G.Shizer. Reviewed by I.S.Zhiv.) Sbor.st.po kart.no.4:83-87 '53. (MIRA 10:12)
(Geography) (Shizer,A.G.)

ARTYUKH, M.; FATEYEV, V.; ZHIV, V.; SHIRIN, Yu.

Influence of monoamine oxidase inhibitors on the convulsive effect of bemegride. Izv.AN Latv.SSR no.1:59-62 '64. (MIRA 17:4)

1. Institut organicheskogo sinteza AN Latviyskoy SSR.

ACCESSION NR: AP4024552 S/0197/64/000/001/0059/0062

AUTHORS: Artyukh, M.; Fateyev, V.; Zhiv, V.; Shirin, Yu.

TITLE: The effect of monoamineoxidase inhibitors on the convulsive performance of bemegride

SOURCE: AN LatSSR. Izvestiya, no. 1, 1964, 59-62

TOPIC TAGS: analeptic drugs, bemegride, convulsion, monoamine oxidase, monoamine oxidase inhibitor, hydrazide, benzylhydrazide of lactic acid, yprazide, transamine, adrenergic processes, reserpine, pyrogallol, aminazine

ABSTRACT: The present investigation was undertaken to study the relationship between the role of the analeptic drug bemegride in causing convulsions, and the effect of certain monoamineoxidase inhibitors, such as benzylhydrazide of lactic acid, isopropylhydrazide, yprazide, transamine, imypramine, reserpine, and pyrogallol. The tests were conducted using the technique x^2, as described by M. L. Belen'kiy (Elementy* kolichestvennoy otsenki farmakologicheskogo effekta. Riga, 1959), with the participation of the staff of the department of pharmacology of the Riga Medical Institute. In the first series of experiments, conducted on 600 white mice, isopropylhydrazide, benzylhydrazide yprazide, and transamine were injected

Card 1/3

ACCESSION NR: AP4024552

intraperitoneally in respective doses of 100, 25, 100, and 10 mg/kg, following which 20 mg/kg of bemegride were introduced intraperitoneally after 3, 12, 24, or 48 hours. It was observed, that in the 3-hour interval injection all inhibitors facilitated the onset of clonic convulsions. In the 24-hour interval injection only the benzylhydrazide of lactic acid exhibited an enhancing effect on the onset of convulsions, with 16 mice out of 20 being afflicted, as against 8 for the controls. In the second series of experiments, the bemegride was introduced intraperitoneally to mice within one hour following the intraperitoneal administration of 50 mg/kg imypramine or 10 mg/kg aminazine, or within 2 hours after the administration of 50 mg/kg of either ypramine or pyrogaliol, or following 3 hours after the administration of either 2.5 mg/kg reserpine or of 200 mg/kg pyrogallol. It was found that reserpine, as well as pyrogallol, facilitated the onset of clonic convulsions by bemegride. In the third series of experiments, 30 mg/kg Bemegride were introduced intraperitoneally to mice after a 3-hour interval following the administration in the same manner of benzylhydrazide of lactic acid, of yprazide, or of transamine. While transamine proved practically ineffective, the administration of benzylhydrazide of lactic acid and of yprazide resulted in a marked increase in the number of mice afflicted with tonic convulsions, with most cases being fatal. It is concluded that the facilitating effect on the onset of tonic convulsions

Card 2/3

ACCESSION NR: AP4024552

seems to be restricted to the monoamineoxidase inhibitors which contain the hydrazine group. Orig. art. has: 2 tables.

ASSOCIATION: Institut organicheskogo sinteza AN Latv. SSR (Institute of Organic Synthesis AN Latvian SSR)

SUBMITTED: 05Jul63 DATE ACQ: 23Mar64 ENCL: 00

SUB CODE: MA NO REF SOV: 001 OTHER: 007

Card 3/3

ZHIVAGIN, F.

Work became easier. Okhr.truda i sots.strakh. no.2:78 Fe '59.
(MIRA 12:4)

1. Nachal'nik proizvodstvenno-tekhnicheskogo otdela metallokombinata Ministerstva mestnoy promyshlennosti Severo-Osetinskoy ASSR.
(Ossetia--Metallurgical plants) (Induetrial hygiene)

L 15212-66 EWT(d)/EWT(m)/EWP(v)/T/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(l)/EWA(h) JD/HM

ACC NR: AP6002968 SOURCE CODE: UR/0286/65/000/024/0136/0136

50
B

INVENTOR: Zhivaga, L. I.; Nazarenko, O. K.; Chvertko, A. I.

ORG: none

TITLE: Welding electron gun. Class 49, No. 177261 [announced by the Electrical Welding Institute im.Ye. O. Paton, AN UkrSSR (Institut elektrosvarki AN UkrSSR)

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 136

TOPIC TAGS: welding, electron beam welding, electron gun, gun cathode

ABSTRACT: This Author Certificate introduces a welding electron gun equipped with an anode and a cathode, the latter heated by electron bombardment. To improve the efficiency and service life of the gun, the disk-shaped tantalum cathode with a concave emitting surface is tightly fitted in a round thin-wall housing whose convex bottom faces the anode. [ND]

SUB CODE: 13/ SUBM DATE: 15Dec64/ ATD PRESS: 4159

Card 1/1 UDC: 621.791.72.03

ZHIVAGO, A.V.; ISAYEV, Ye.N.; MISHAKOV, N.A.

Relation of the geomorphology of the transition zone of Antarctica to the structure and thickness of the earth's crust. Dokl. AN SSSR 155 no. 3:565-568 Mr '64. (MIRA 17:5)

1. Institut geografii AN SSSR i Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Predstavleno akademikom D.I.Shcherbakovym.

ZHIVAGO, A. V. [illegible]

ZHIVAGO, A. V. "Results of the use of the ore-concentrate method of morphological analysis of the valley of the River Biya (Altay)", Trudy In-ta geografii (Akad, nauk SSSR), Issue 39, 1948, p. 82-110, - Bibliog: 30 items.

SO: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 7 1949).

ZHIVAGO A. ..

"Littoral Relief Forms Which Are Built from the Ejection of Dead Seaweed", Trudy In-ta geografii (Proceedings of the Institute of Geography) No 42, 1948 -- Materialy po geomorfologii i paleografii SSSR (Data on the Geomorphology and Paleography of the USSR) (142-153)

SO: U-3039, 11 Mar 1953

ZHIVAGO, A. V.

PA 43/49T87

USSR/Oceanography
Hydrography
Waves, Ocean

Mar/Apr 49

"A Method for Recording Changes in Ocean-Bottom Coastal Relief During Storms," A. V. Zhivago, V. V. Patrikeyev, 2½ pp

"Iz Ak Nauk SSSR, Ser Geog i Geofiz" No 2

Describes a method of studying storm-induced profiles of coastal bottoms formed by eddy currents and deposits. Asserts certain established rules of dynamics regulating formation of banks, involving particle motion due to wave actions on the bottom. Submitted 18 Mar 48.

43/49T87

ZHIVAGO, A. B.

21 Mar 1948

USSR/Geography
Sedimentation

"Genesis of Modern Conglomerate Deposits in the Central Part of the Abkhazian Sea Coast," A. V. Zhivago, Inst Geog, Acad Sci USSR, 3 pp

"Dok Akad Nauk SSSR, Nova Ser" Vol LIX, No 9

Shores of central part of Abkhaziya characterized for almost their entire length by broad beach of pebbles. During work of the Black Sea Expedition of the Institute of Geography, Academy of Sciences, material obtained which made it possible to consider these conglomerate deposits entirely terrigenous deposits of rivers flowing from the mountains of the

51T12

21 Mar 1948

USSR/Geography (Contd)

Western Caucasus. Submitted by Academician A. A. Grigor'yev, 3 Jan 1948.

51T12

ARMAND, D. L., GVOZDETSKIY, N. A., ZHIVAGO, A. V.

Geology, Structural

With regard to the answer of V. G. Bondarchik to our review. Vop. geog. 26, 1951

Monthly List of Russian Accessions, Library of Congress, April 1952. Unclassified

ARMAND, D. L., GVOZDETSKIY, N. A., ZHIVAGO, A. V.

Geology, Structural

Critique of a review by D. L. Armand, N. A. Gvozdetskiy, A. V. Zhivago of my book "Principles of Geomorphology." Vop. geog. 26, 1951.

Monthly List of Russian Accessions, Library of Congress, April 1952. Unclassified.

ZHIVAGO, A. V.

USSR/Geophysics - Water Storage Jul/Aug 51

"Basic Laws Governing Development of Shores of Rybinsk Water Storage," A. V. Zhivago, Inst of Geog, Acad Sci USSR

"Iz Ak Nauk SSSR, Ser Geog" No 4, pp 16-25

Rybinsk 3d largest fresh-water basin in European USSR, provides reservoir capacity for Volga and Sheksna above city of Shcherbakov. Its peculiarities of shore evolution and bottom slopes is studied by the "Borok" station of Acad Sci USSR and by Darvin State Game Reservation. In 1949 and 1950, studies were directed by I. P. Gerasimov, Corr Mem, Acad Sci USSR.

205T54

USSR/Geophysics - Book Review Sep/Oct 52

"Review of K. K. Markov's Book, Paleogeography in the Moscow Affiliate of the Geographical Society USSR and in the Moscow Society of Explorers of Nature," A. V. Zhivago

"Iz Ak Nauk SSSR, Ser Geograf " No 5, pp 81-84

In Apr 52 during a meeting of the above societies the book by Prof K. K. Markov, "Paleogeography" was reviewed, criticized, and discussed by geographers and geomorphologists. Markov introduced the

226T65

ZHIVAGO, A. V.

discussion, explaining that his book is an outgrowth of his lectures held at the Moscow State U in 1947.

226T65

ZHIVAYE, A. V.

Reservoirs

A sea built by man. Nauka i zhizn' 19 no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September 1953, Uncl.
2

ZHIVAGO, A.V.

Some data on the geomorphology and history of the development of the shore line of Abkhazia obtained by a comparative study of debris. Trudy Inst.geog. 51:12-32 '52. (MLRA 7:11)
(Abkhazia--Shore lines) (Shore lines--Abkhazia)

BRITSINA, M.P.; GERASIMOV, I.P.; ZHIVAGO, A.V.; ZANIN, G.V.; FEDOROVICH, B.A.

IUrii Sergeevich Kashin; obituary. Izv.AN SSSR Ser.geog. no.6:92-93 N-D '53. (MLRA 6:12)

(Kashin, Iurii Sergeevich, 1921-1953)

ZHIVAGO, A.V.

AREF'YEVA, V.A.; ZHIVAGO, A.V.

Scientific conference in Vilnius. Izv. AN SSSR.Ser.geog. no.5:93-95 S-O '54. (MLRA 7:10)
(Vilnius--Science) (Science--Vilnius)

ZHIVAGO, A.V.

14-1-388

Translation from: Referativnyy Zhurnal, Geografiya, 1957, Nr 1, p. 36 (USSR)

AUTHOR: Zhivago, A. V.

TITLE: Contemporary Geomorphological Processes Along the Shores of Kubenskoye Lake and the Rybinskoye Reservoir (Sovremennye geomorfologicheskiye protsessy na beregakh Kubenskoge ozera i Rybinskogo vodokhranilishcha)

PERIODICAL: Tr. In-ta okeanol. AN SSSR, 1954, Nr 10, pp. 92-108

ABSTRACT: The Rybinskoye Reservoir is paleoanalogical with Kubenskoye Lake. Graph curves complied for the lake are used as indicators of possible formation limits of the Rybinskoye Reservoir shores, which are subjected to analogical conditions of water-level changes and swells. The sharpness of the drop of the curve is dependent on geomorphological data and is proportional to the steepness of the upper part of the submerged shore incline. The steeper the incline, the sharper the drop of the curve. A curve of uniform depositions indicates a more abrupt drop than a curve of average-size particles. It forms a sharp bend at the transitional

Card 1/2

Contemporary Geomorphological Processes Along the Shores of Kubenskoya Lake and the Rybinskoye Reservoir

point where the shore incline changes into a flat bottom and then becomes horizontal. The elbow of the bend is at a depth of 3.5 to 4 m. This depth may be considered as the lowest limit at which a storm of average strength affects the lake bottom. Future changes of the Rybinskoye Reservoir shoreline can be predicted by taking into account certain conformities between this reservoir and the lake.

ASSOCIATION: Oceanology Institute, Academy of Sciences, USSR (in-t. Okeanol. AN SSSR)

ZHIVAGO, A.V.; ZENIN, V.A.; KAMANIN, L.G.; MESHCHERYAKOV, Yu.A.; SINYAGINA, M.I.

Some results of the study of present-day tectonic movements in the western half of the European U.S.S.R. Izv.AN SSSR Ser.geog.no.1:35-52 Ja-F '56. (MIRA 9:7)

1.Institut geografii AN SSSR i TSentral'nyy nauchno-issledovatel'skiy institut geodezii, aerosyemki i kartografii.
(Earth movements)

ZHIVAGO, A.V.; LISITSYN, A.P.

New data on bottom relief and sediments in the eastern Antarctic seas. Izv.AN SSSR.Ser.geog.no.1:19-35 Ja-F '57. (MLRA 10:4)

1. Institut geografii AN SSSR i Institut okeanologi AN SSSR.
(Antarctic Ocean--Ocean bottom)