

ZHUDRO, A.
SAVEL'YEV, A.; ZHUDRO, A.

Tenth Brussels Diplomatic Conference on maritime law. Mor. flot
18 no.2:24-25 F '58. (MIRA 11:2)

- 1.Chlen kollegii Ministerstva morskogo flota (for Savel'yev).
 - 2.Nachal'nik yuridicheskogo otdela Ministerstva morskogo flota
(for Zhudro).
- (Brussels--Shipping conferences)
(Maritime law)

ZHUDRO, A.K., kand.yuridicheskikh nauk

A conference of the United Nations on international maritime law in Geneva. Inform.sbor.TSNIIMF no.34:3-18 '58. (MIRA 14:3)

1. Nachal'nik yuridicheskogo otdela Ministerstva morskogo flota.
(Maritime law)

IVAN'KOV, Pavel Alekseyevich; SMOZHENKOV, Nikifor Fedosovich; ZHUDRO,
A.N., red.; SHAMAROVA, T.A., red.izd-va; VORONOVA, V.V.,
tekh.n.red.

[Plastics in cartography] Plastiki v kartografii. Izd-vo
geodes.lit-ry, 1961. 80 p. (MIRA 15:2)
(Plastics) (Cartography)

ZHIDRO, A.N.; KLYUCHANSKAYA, Ye.N.; EDEL'SHTEYN, D.V.

Using plastic materials in compiling, delineating and plate making
in map printing. Sbor.st.po kart. no.13:47-68 '61. (MIRA 15:5)
(Map printing)

S/035/62/000/006/049/064
A001/A101

AUTHORS: Zhudro, A. N., Klyuchanskaya, Ye. N., Edel'shteyn, D. V.

TITLE: Practice of using plastic materials in compiling, shaping and manufacturing printed forms for publishing maps

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 6, 1962, 24, abstract 6G153 ("Sb. statey po kartogr.", 1961, no. 13, 47 - 68)

TEXT: The use of plastic materials in NRKCh made it possible to simplify the technological process of producing author's and publisher's originals and manufacturing printed forms at the expense of reducing photographic processes and eliminating the differentiating retouching. It is noted that the plastic "khostafan" is characterized by practically absent deformation, resistance to fractures and cracks. Practice of using "khostafan" in 1961 is described in detail. A special glue (natural rubber - 20 g, aviation gasoline - 600-700 ml, colophony - 65 g) is successfully used when conducting assembly work on the surface of "khostafan". Publisher's drawing of all elements on "khostafan" is performed with conventional drawing tools on such a number of originals which corresponds to the numbers of colors on the map being published; photo paper.

Card 1/3

Practice of using...

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with a removable layer is used for shaping signatures. Working positives are manufactured from the finished originals by the method of coloring in bulk on celluloid base (collodion solution is applied to "khostafan" on the gloss side; printed forms are copied from the positives. The content of a map is checked on the superposed imprint. Shaping of publisher's originals of a fine drawing is performed by the method of engraving on the layer prepared according to the prescription elaborated at ЦНИИГАиК (TsNIIGAIK): dry roller paste (СРП) (SVP) on titanium white - 300 g, colophony - 126 g, "alloy" (100 g vaseline oil and 25 g colophony) - 54 g, dibutyl phthalate - 6-10 ml; rectified alcohol - 1,000 ml; butyl acetate - 660 ml. Special engraving instruments are used. Contour copies are made by the method of washed-off relief with coloring by blue dyestuff. A table is presented on the results of checking on how uniformly various copying and other solutions are distributed on the dull and gloss sides of "khostafan", and how stable they are retained. Work is continuing on checking the use of "khostafan" instead of glass for manufacturing bromium-silver negatives and diapositives; the work of an experimental laboratory is described which manufactures silver-free copies on "khostafan" by the washed-off relief and refines the technique of manufacturing duplicates. To manufacture copies on "khostafan" by

Card 2/3

Practice of using...

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the coloring method, it is necessary to apply preliminarily 2% collodion on its gloss side, and after its drying to apply chrome solution of the Siberian larch gum. Coloring of nitrofilms is performed with a dyestuff according to the prescription: solution A - dyestuff induline - 48 g, rectified ethyl alcohol - 800 ml, solution B - brown fatty dyestuff - 24 g, butyl acetate - 80 ml. To clear up the feasibility of copying from "khostafan" in direct and reverse images, two printed forms were manufactured: On one of them, the positive was placed during copying with emulsion layer toward the copying layer, on the other, by the layer upward; no visual difference in printed imprints from these forms was noticed.

I. Mityachkin

[Abstracter's note: Complete translation]

Card 3/3

Zhudro, A. N.

ZHUDRO, A.N.

Developments in cartographic printing. Sobr.st. po kart.no.2:42-46
'52. (MIRA 10:12)

(Map printing)

KREMPOL'SKIY, V.F.; ZHUDRO, A.N., red.; SHLENSKIY, I.A., tekhn. red,

[Handbook on cartography for workers of map printing plants] Pamiatka po kartografii dlia rabochego kartograficheskoi fabрики, Izd.2., ispr. i dop. Moskva, Geodezizdat, 1949. 93 p.

(MIRA 14:8)

(Cartography)

ZHUDRO, A.N.

GUREVICH, I.V.; ZHUDRO, A.N.; KOMAR'KOVA, L.M., redaktor; KUZ'MIN,
G.M., tekhnicheskii redaktor.

[Technique of binding geographical atlases] Tekhnologiya
perepletnykh protsessov geograficheskikh atlasov. Moskva,
Izd-vo geodesicheskoi lit-ry, 1955. 61 p. [Microfilm]
(Bookbinding) (MLRA 9:1)

ZHUERO, Gennadiy Fedorovich [Zhudro, H.F.]; LAZARCHYK, K., red.;
ZEN'KO, M., tekhn. red.

[How we grow corn] Iak my vyroshchvaem kukuruzu. Minsk, Dziarzh.
vyd-va sel'skaha padarchai lit-ry BSSR, 1962. 39 p.

(MIRA 15:11)

(Corn (Maize))

ZHUDRO, Ye.N., zasluzhennaya uchitel'nitsa shkoly RSFSR.

Testing the students' knowledge of human anatomy and physiology.
Biol. v shkole no.4:41-46 J1-Ag '58. (MIRA 11:9)

1. Shkola No.59 g. Moskvyy.
(Anatomy, Human--Study and teaching)
(Physiology--Study and teaching)

ZHUDRO, S.

Book on papermaking and finishing machinery. Bum. prom. 38
no.11:30 N '63. (MIRA 17:1)

YUSHKOV, Nikolay Ivanovich; NAUMOV, Vasilii Grigor'yevich; TUROVSKIY, Petr Borisovich; ZHUDRO, S.G., red.; YEPISHKINA, A.V., red. izd-va; SHIBKOVA, R.S., tekhn. red.

[Assembly and installation of technological equipment in enterprises of the woodpulp and paper industry] Montazh tekhnologicheskogo oborudovaniia predpriatii tselliulozno-bumazhnoi promyshlennosti. Moskva, Goslesbumizdat, 1962. 319 p. (MIRA 16:2)

(Woodpulp industry—Equipment and supplies)

ZHUDRO, S.G., inzhener; LEVINSKIY, I.V., kandidat tekhnicheskikh nauk,
dotsent.

F.G. Shukhman's book "Papermaking machinery." Reviewed by S.G.
Zhudro, I.V. Levinskii. Bum.prom. 31 no.5:28-30 My '56.(MLRA 9:8)
(Papermaking machinery) (Shukhman, F.G.)

ZHUDRO, V.K., deputat Verkhovnogo Soveta SSSR, mekhanizator; LADANI,
A.M., kukuruzovod, dvazhdy Geroy Sotsialisticheskogo Truda;
KALYANA, K.R., okhotnitsa, Geroy Sotsialisticheskogo Truda

Work is a song. IUn.nat. no.7:3-5 J1 '62. (MIRA 15:8)
(Agricultural workers) (Chukchi Peninsula--Hunting)

ZHUDRO, Ye. M. Cand Med Sci -- (diss) "Clinic, treatment, and expertise of
work/fatness *severe form*
~~the ability to work in case of severe~~ chronic alcoholism." Mos, 1957. 15 pp
(Min of Health RSFSR. Ryazan' Med Inst im Academician I. P. Pavlov), 300
copies (KL, 13-58, 100)

-102-

ZHUDRO, Ye.N., zaslushennaya uchitel'nitsa shkoly RSFSR.

Use of motion pictures in studying the fundamentals of
Darwinism. Biol.v shkole no.6:52-55 M-D '59.
(MIRA 13:3)

1. Moskovskiy gorodskoy pedagogicheskiy institut.
(Evolution--Study and teaching)
(Motion pictures in education)

ZHUDRO, Ye.N.

"Human anatomy and physiology; textbook for grade 8 of secondary schools" by R.B. Garib'ian and H.G. Markov. Reviewed by E.N. Zhudro. Biol.v shkole no.4:90-92 JI-Ag '57. (MLRA 10:8)

1. Zasluzhennaya uchitel'nitsa shkoly RSFSR, Shkola No.59, Moskva.
(Anatomy, Human--Study and teaching)
(Physiology--Study and teaching)

CHUDRO, YE. N.

Physiology, Study and Teaching

First lesson the anatomy and physiology of man (grade 8). Est. v shkole no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September 1952~~1953~~, Uncl.

ZHUDRO, E. N.: DENISOVA, M. N.

Mel'nikov, Mikhail Ivanovich

On the Textbook ("Principles of Darwinism." M. I. Mel'nikov, A. A. Shibanov, V. M. Korsunskaya. Reviewed by E. N. Zhudro, M. N. Denisova.) Est. V. Shkole No. 5, 87, 1952.

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

ZHUDRO, YE. N., DENISOVA, M. N.

Shibanov, Aleksei Aleksandrovich

On the textbook ("Principles of Darwinism." M. I. Mel'nikov, A. A. Shibanov, V. M. Korsunskaja. Reviewed by Ye. N. Zhudro, M. N. Denisova.) Est. v shkole No. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952 UNCLASSIFIED

ZHUKHO, Ye.M., *zasluzhennaya uchitel'nitsa shkoly Rossiyskoy Sotsialisticheskoy Federativnoy Sovetskoy Respubliki.*

Lessons on the subject "I.P.Pavlov's theories on conditioned reflexes."
Est.v shkole no.1:55-59 Ja-F '54. (MLBA 6:12)

1. Shkola No. 59 goroda Moscow.

(Conditioned response)

ZHUDRO, Ye.N., zasluzhennaya uchitel'nitsa shkoly RSFSR (Moskva)

Lessons on the topic "Origin of man." Biol. v shkole no.2:23-25
Mr-Apr '62. (MIRA 15:2)

(Man--Origin)

ZHUDRO, Ye.N., zaslužennaya uchitel'nitsa shkoly RSFSR
KARPOVA, M.A.

Experimental work of students at the municipal experimental
station of the young naturalists. Bio. v. shkole no. 6:74-75
M-D '63'. (MFA 14:11)

1. Moskovskaya gorodskaya stantsiya yunnatov (for Karpova).
(Moscow--Agriculture--Study and teaching)

ZHUDYAKOVA, T. A.

USSR/Chemistry - Titanium Sulfates, Titanium

Aug 49

"Sulfates of Tetravalent Titanium: XIX. Chemistry of Titanium,"
A. V. Pamfilov, T. A. Zhudyakova. Lab of Anal Chem, Gor'kiy Ind Inst,
104 pp

"Zhur Obshch Khim" Vol XIX, No 8

Formula for basic composition of these sulfates is given as $\text{TiOSO}_4 \cdot 2\text{H}_2\text{O}$. None of samples examined showed a ratio of SO_3 to TiO_2 greater than 1:1. Needles of titanyl sulfate crystallize upon solution of freshly precipitated metatitanic acid in 60-70% sulfuric acid with a ratio of H_2SO_4 to TiO_2 of not less than 3:4. Increasing concentration of H_2SO_4 results in precipitates containing less water. Submitted 15 Apr 48.

PA 149T37

ZHUFFA,

CZECHOSLOVAKIA / Microbiology. Medical and Veterinary Micro- P-5
biology.

Abs Jour: Referat Zh.-Biol., No 6, 25 March, 1957, 22037

Author : Zhuffa

Inst :

Title : Experiments on Large Horned Cattle Inoculation with B-19
Strains in Slovakia.

Orig Pub: Veterinarstvi, 1956, 6, No 7, 193-196

Abstract: No abstract.

Card : 1/1

-45-

Zhuffa

CZECHOSLOVAKIA / Virology. Viruses of Men and Animals. E-3

Abs Jour: Referat Zh. Biol., No 6, 25 March, 1957, 21756

Author : Shkoda, Zhuffa

Inst :

Title : A Serologic Evaluation of Hyperimmune Serum Against
Typical Bird Plague by Method of Testing Different Virus
Strains.

Orig Pub: Veterin. casop., 1956, 5, No 3, 229-236

Abstract: Different types of hyperimmune sera, received from the "Bio-
vetto" institute of vaccines, and sera from Nitre were tested.
The authors concluded that higher titers in RTGA and neutralizing
antibodies are good criteria for serum evaluation, as a pro-
phylactic measure. RTGA and the neutralizing reaction may take
place with avirulent strains of Hertfordshire. No titer diffe-
rence was detected in RTGA of separate sera as against the viru-
lent strain 2455 and in mixtures of the tested sera to 17 dif-

Card : 1/2

-5-

CZECHOSLOVAKIA / Virology. Viruses of Men and Animals. E-3

Abs Jour: Referat Zh. Biol., No 6, 25 March, 1957, 21756

ferent strains of Newcastle disease virus. The authors believe that all the tested virus strains are homologous in their antigenic structure and the tested hyperimmune serum would be effective against any strain.

Card : 2/2

-6-

Zhuffa

CZECHOSLOVAKIA / Virology. Viruses of Men and Animals.

E-3

Abs Jour: Referat Zh.-Biol., No 6, 25 March, 1957, 21755

Author : Zhuffa, Shkoda, Kroshlak, Mikhalek, Baumgertner

Inst :

Title : The Production and Evaluation of Effectiveness of an
Immunizing Serum Against Newcastle Disease in Domestic Fowl.

Orig Pub: Veterin. casop., 1956, 5, No 1, 22-30

Abstract: The avirulent strain N (Hertfordshire) was used to prepare the serum. The antigen was prepared on an allantoic-amniotic liquid of 11 day-old hen embryos. The eggs were opened 48 hours after infection. Hemo-agglutinating titer was 1:256-1:1024, and the infection titer $\sim 10^{-8}$. Hyperimmunization was conducted on Leghorn hens and turkeys. Three virus injections were carried out at intervals of 14 days. The first injection of 0.2 ml in a dilution of $2 \cdot 10^{-3}$; the 2nd, 0.5 ml in a dilution of $5 \cdot 10^{8.5}$; the 3rd, 2 ml of concentrated liquid ($20 \cdot 10^{8.5}$) (in an abbreviated hyperimmunization me-

Card : 1/2

-3-

CZECHOSLOVAKIA / Virology. Viruses of Men and Animals.

E-3

Abs Jour: Referat Zh.-Biol., No 6, 25 March, 1957, 21755

thod, the first injection was omitted.) 14 days before the last injection, 25 ml of blood for obtaining the serum were collected from each fowl. The evaluation of effectiveness was tested on white Leghorns weighing 300-400 g (without indications of disease and parasitic invasions), which were injected with 10 million DL virus 245-5-6 and simultaneously 0.1-3.0 ml immune serum. All the fowl which received 0.1 ml of serum, died on the 4-6 day after infection; of those which received 0.25 ml, 50% died by the 8th and 10th day. Birds who received 0.5 ml of serum or more remained alive after a short illness.

Card : 2/2

-4-

Zhuffa, Shkoda

CZECHOSLOVAKIA / Virology. Human and Animal Viruses

E-2

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 517

Author : Zhuffa, Shkoda

Inst : Not Given

Title : Experiments on Immunization of Domestic Fowl Against Smallpox by a Vaccine Prepared on Chorioallantoic Membrane of Chick Embryos.

Orig Pub : Veterin. casop., 1957, 6, No 1, 62-75

Abstract : The birds were immunized by three strains of smallpox bird virus: a local one -- Di-Ivanka; an Egyptian strain Di-Egypt; and a standard vaccine strain Di-pigeon. The first strain was found to be too virulent, the last was not immunogenic. The Di-Egypt strain under laboratory conditions fully protected the birds from disease, and in massive doses caused a slight form of smallpox in some cases. The problem of the possibility of utilizing the Di-Egypt strain for mass vaccination is raised.

Card : 1/1

ZHUGAN, T.Yu. [Zhuhan, T.IU.]

Radiographic peculiarities of the infrasternal gland in young children. Ped. akush. i gin. 22 no. 1:11-14 '60. (MIRA 13:8)

1. Rentgenologicheskoye otdeleniye (zav. -kand.med.nauk A.I. Pozmogov [Pozmohov]) Kiyevskogo rentgeno-radiologicheskogo i onkologicheskogo instituta (direktor - prof. I.T. Shevchenko, nauchnyy rukovoditel' - prof. S.A. Pokrovskiy [Pokrovs'kiy] i kafedra gosital'noy pediatrii (zav. - chlen-korrespondent AMN SSSR prof. O.M. Khokhol) Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta im.akad. A.A. Bogomol'tsa [direktor - dots. I.P. Alekseyenko [Aleksieienko].
(THYMUS-GLAND--RADIOGRAPHY)

ZHUGAN, T.Yu. [Zhuhan, T.IV.]; BEREZHANSKAYA, T.S. [Berezhans'ka, T.S.]

Case of abnormal location of the stomach in the thoracic cavity. Ped.,
akush. i gin. 19 no.4:30-32 '57. (MIRA 13:1)

1. Rentgenodiagnosticheskoye otdeleniye (rukovoditel' - kand.med.nauk
V.Yu. Arungaziyev) Kiyevskogo rentgeno-radiologicheskogo instituta
(direktor - prof. I.T. Shevchenko) i klinika gosspital'noy pediatrii
(zav. - prof. O.M. Khokhol) Kiyevskogo ordena Trudovogo Krasnogo Znameni
meditsinskogo instituta im. akad. A.A. Bogomol'tsa (direktro - prof.
Ye.F. Shamray).

(STOMACH--ABNORMALITIES AND DEFORMITIES)

VINOKUROV, V.V., STEPANKOV, M.M.,; ZHUGAREV, A.A., red.; BORUNOV, N.I., tekhn. red.

[Techniques of measuring the principal electrical parameters of
receiving tubes] Tekhnika izmereniia osnovnykh elektricheskikh
parametrov priemno-usilitel'nykh lamp. Moskva, Gos. energ. izd-vo,
1958. 205 p. (MIRA 11:11)

(Electron tubes)

YEROFEEV, Aleksandr Vasil'yevich; MANUYLOV, P.N., redaktor; ZHUGAREV,
A.A., redaktor; VORONIN, K.P., tekhnicheskii redaktor.

[Electronic apparatus for automatic control and regulation of
heating processes] Elektronnye ustroistva avtomaticheskogo
kontrolla i regulirovaniia teplovykh protsessov. Moskva,
Gos.energ.izd-vo, 1955. 472 p. (MLA 9:1)
(Automatic control) (Heating--Regulators)

ZHUGAN, T. Yu., Cand Med Sci, "X-ray diagnosis of the thymus in infants."
Odessa, 1960, (Odessa State Med Inst im N. I. Pirogov). (KL, 1-6k, 207)

-380-

PIONTKOVSKAYA, M.A.; NEYMARK, I.Ye.; ZHUGAYLO, Ya.V. [Zhuhailo, IA.V.];
KUKOVSKIY, Ye.G. [Kukovskiy, E.H.]

Change in the structure of titanium gel catalysts in ethyl
alcohol dehydration. Ukr. khim. zhur. 27 no.4:447-454 '61.
(MIRA 14:7)

1. Institut fizicheskoy khimii im. L.V.Pisarzhevskogo AN USSR.
(Titanium) (Catalysts) (Ethyl alcohol)

ZHUGINA, Ye.

ZAGORSKIY, G., red.; ZHUGINA, Ye., red.; YAKOVLEVA, Ye., tekhn.red.

[More milk during every season of the year] Bol'she moloka vo
vsesezony goda. [Moskva] Mosk.rabochii, 1957. 80 p. (MIRA 11:1)
(Dairying)

ZHUGINA, Ye., red.; YAKOVLEVA, Ye., tekhn. red.

[Collective farm fieldcrew leader's note book] Zapisnaia
knizhka brigadira kolkhoza. Moskva, Mosk. rabochii, 1957.
274 p. (MIRA 16:9)

(Collective farms)

ZHUGINA, Ye., red.; LIL'YE, A., tekhn. red.

[A concise manual on mechanization on collective farms]
Kratkii spravochnik po mekhanizatsii v kolkhozakh. Moskva,
Mosk. rabochii, 1958. 391 p. (MIRA 16:6)
(Farm mechanization) (Agricultural machinery)

RED'KIN, Andrey Petrovich, professor; ZHUGINA, Ye., redaktor; POLYAKOVA, V.,
redaktor; YAKOVLEVVA, Ye., tekhnicheskii redaktor

[Hints for the pigtender] Sovety svinarke. [Moskva] Moskovskii
rabochii, 1955. 110 p. (MLBA 9:8)
(Swine)

ZHUGINA, E.

GOLUBASH, Yu., redaktor; ZHUGINA, E, redaktor; LIL'YE, A., tekhnicheskii redaktor.

[State farms; brief guide book] Sovkhoz; kratkii putevoditel'.
[Moskva] Moskovskii rabochii, 1955. 221 p.[Microfilm] (MLRA 8:12)
(State farms)

ZHUGOV, V. I., Cand Tech Sci -- (diss) "Investigation of the mount rigidity in lathe semi-automatic machines." Moscow, 1960. 9 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Machine-Tool Inst im I. V. Stalin); 200 copies; price not given; (KL, 52-60, 120)

COMMON ELEMENTS										COMMON VARIABLE NOTES									
1ST AND 2ND GROUPS										3RD AND 4TH GROUPS									
ZHOVOICKY																			
TOBSTERMELES INDUSTRIAL ORGANIZATION Vol. 5 1951 No. 1-2, Jan.-Feb.																			
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<i>V. J. Zashchinsky</i> Reciprocal effects between the innovation movement and the plan for technical development																			
ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
FROM SYNONYM										ESTIMATE VALUE									
TRADED MARK ONLY USE										REGISTERED									
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z										A B C D E F G H I J K L M N O P Q R S T U V W X Y Z									

ACC NR: AP6033167

SOURCE CODE: UR/0033/66/043/005/0967/0975

AUTHOR: Zhugzhda, Yu. D.

ORG: Institute of Terrestrial Magnetism, the Ionosphere, and Radio Wave Propagation, Academy of Sciences, SSSR (In-t zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln Akademii nauk SSSR)

TITLE: Structure of magnetic fields of sunspots

SOURCE: Astronomicheskii zhurnal, v. 43, no. 5, 1966, 967-975

TOPIC TAGS: ^{SOLAR} magnetic field, sunspot, photosphere, boundary problem, sunspot core,

^{SOLAR ATMOSPHERE}

ABSTRACT: In the present article based on an analysis of the physical condition in the solar atmosphere, it is shown that the problem constructing a model of the potential field of a spot in and above the photosphere can be reduced to the solution of the boundary problem for a half space. A number of axial symmetrical solutions of the boundary problem are obtained. A principle is proposed for the construction of complex models of the spot magnetic field by using the solutions obtained as composite elements of these models. The possibility of making a model of the potential field for each spot is suggested. The solutions show that whole series of peculiarities of spot magnetic fields can be explained within the framework of potential fields: the presence of strong transverse fields, the increase of the longitudinal field with height in various regions, the impregnations of a purely

Card 1/2

UDC: 523.746

ACC NR: AP6033167

transversal field in the spot core, the rapid variations of the direction of the magnetic field with depth in separate regions, etc. It is noted that the proposed models of the potential field can be used effectively for determining the quality of the approximation of spot fields by a potential field. Orig. art. has: 9 figures and 27 formulas.

SUB CODE: 03/ SUBM DATE: 03Jan66/ ORIG REF: 015/ OTH REF: 009

Card 2/2

L 10252-67 ENT(1)/FCC GW
ACC NR: AP7003073

SOURCE CODE: UR/0203/66/006/003/0506/0511

AUTHOR: Zhuzhda, Yu. D.

ORG: Institute of Terrestrial Magnetism, the Ionosphere and Radio Wave Propagation,
AN SSSR (Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln AN SSSR)

TITLE: Neutral (zero) points of magnetic fields

SOURCE: Geomagnetizm i aeronomiya, v. 6, no. 3, 1966, 506-511

TOPIC TAGS: magnetic field, magnetism

ABSTRACT: A study has been made of the geometry of a magnetic field in the immediate vicinity of neutral points. There is a detailed description of a full classification of neutral points of a free field. It is shown that the neutral points of a force-free field in the immediate neighborhood, with an accuracy to higher-order terms, are reduced to the neutral points of a free field. The simplest neutral points of a static field are considered. The described classification of neutral points of a free field is complete in that any neutral point either is one of the described neutral points or the field near this point can be represented as the sum of the fields of the simplest neutral points. Due to the nonlinearity of the static field equations only first-order neutral points are considered. In contrast to free and force-free fields, in a static field a neutral surface can be present. Another singularity of a static field is the presence of two types of first-order neutral lines. The author thanks S. I. Syrovatskiy for direction of the work. Orig. art. has: 3 figures and 17 formulas. [JPRS: 37,710]

SUB CODE: 20 / SUBM DATE: 08Mar65 / ORIG REF: 004 / OTH REF: 003

UDC: 538.122

Cord 2/1

L 07811-67 EWT(1)/EWT(m)/ENP(w)/ENP(t)/ETI IJP(c) JD/WJ/EM

ACC NR: AR6017495

SOURCE CODE: UR/0137/66/000/001/I082/I082

AUTHOR: Zhukov, S. A.; Shadskiy, I. A.; Zhukov, N.

41

B

TITLE: Durability of some alloys at high frequencies

SOURCE: Ref. zh. Metallurgiya, Abs. 11559

REF SOURCE: Tr. Kuybyshevsk. aviats. in-t, vyp. 19, 1965, 399-404

TOPIC TAGS: alloy steel, durability, vibration test

ABSTRACT: The authors studied the effect of variable high-frequency loads on the vibration strength of scoop materials, (SAP, VT3-1, EI961 and EI617). Fatigue tests were done on an installation of the resonance type with an electromagnetic system for excitation of oscillations from 200 to 2400 cps. Thermal conditions were varied during testing from room temperature to 550°C. It was found that increasing the load frequency increases σ_w for all materials studied. VT3-1 alloy showed the greatest increase in σ_w . V. Ivanova. [Translation of abstract]

SUB CODE: 11

Card 1/1 MC

UDC: 669.018.295:620.17

ZHUGZHDO, S.

Review of Ivan Temkov's book "Carbon monoxide intoxication of the nervous system". Zhur. nevr. i psikh. vol. 64 no.5:796 '64.
(MIRA 17:7)

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Uchet na ferme krupnogo rogatogo skota [Cattle farm accounting]. Gosstatizdat, 1953. 104 p.

SO: Monthly List of Russian Accessions, Vol. 7 No. 1 April 1954.

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

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Agriculture

Accounting in the rural soviets; Moskva , Gosfinizdat, 1951

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

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2. USSR (600)
4. Animal Industry - Accounting
7. Book about accounting in animal husbandry ("Accounting for communal animal husbandry on collective farms." Reviewed by V. Pashin). Kolph. proizv. B no. 1. 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

ZHUIN, V., inzh.

Making sesquisilicate bricks. Stroi. mat. 4 no. 7:23-24 J1 '58.

(MIRA 11:7)

(Silicates)
(Brickmaking)

ZHUKIN, V.I.

Diets for telephone lines. Strof. nat. 10 no.3:30-31 Mr '64.
(MIRA 17:6)

1. Nachal'nik proizvodstvenno-tekhnicheskogo otdela Upravleniya
promyshlennykh stroymaterialov Volgo-Vyatskogo soвета narodnogo
khozyaystva.

KIREYEV, M.P.; ZHUIN, V.I.

Manufacturing mineral wool in a lined cupola furnace. Stroi.
mat. 10 no.5:26-28 My '64. (MIRA 17:9)

1. Direktor Vykaunakogo mineralovutnogo zavoda (for Kireyev).
2. Nachal'nik proizvodstvenno-tekhnicheskogo upravleniya
promyshlennosti stroitel'nykh materialov Volgo-Vyatskogo soveta
narodnogo khozyaystva.

ZHUK, kand. tekhn. nauk

Problems of mechanizing the harvesting of grain by stages. Mekh. i
elek. sots. sel'khoz. 16 no.3:1-7 '58. (MIRA 11:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii
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(Grain--Harvesting)

ZHUK, A.

To know what to check and how to check. Sov. profsoiuzy 16 no.23;
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1. Nachal'nik smeny kommunisticheskogo truda Taganrofskogo metallur-
gicheskogo zavoda, predsedatel' komissii obshchestvennogo kontrolya
za rabotoy Taganrofskogo gorpishchetorga.
(Taganrog—Grocery trade—Auditing and inspection)

ZHUK, A. (Chief Vet.)

Likhoslav'l, Kalinin Oblast. "An experience of the fight against fascioliasis of ruminants."

SO: Veterinariia 29 (7), 1952, p. 35

ZHUK, A.

Veterinary Medicine

Results of efforts to control fascioliasis in ruminants. Veterinariia 29 No. 7, 1952

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Results of efforts to control fascioliasis in ruminants. Veterinariia 29 no. 7, 1952.

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ALEKSEYEV, P.Z., tekhn.red.

[Syntheses and reactions of furan compounds] Sintezy i
reaktsii furanovykh veshchestv. Saratov, Izd-vo Saratovskogo
univ., 1960. 242 p. (MIRA 14:4)
(Furan)

GONCHARENKO, V.G.; ZHUK, A.A., red.; ZENIN, V.V., tekhn.red.

[Investigating piston rings of motor-vehicle engines]
Issledovanie porshnavykh kolets dvigatelei avtotraktornogo
tipa. Izd-vo Saratovskogo univ. 1961. 197 p. (Saratov.
Institut mekhanizatsii sel'skogo khoziaistva. Trudy, no.25)
(MIRA 15:1)

(Piston rings)

GERSHTEYN, Grigoriy Moiseyevich; ZHUK, A.A., red.; ZENIN, V.V., tekhn.
red.

[Some problems concerning the interaction of charged particles with
an electric field] Nekotorye voprosy vzaimodeistviia zaryazhenykh
chastits s elektricheskim polem. Saratov, Izd-vo Saratovskogo univ.,
1960. 166 p. (MIRA 14:9)
(Particles (Nuclear physics)) (Electric fields)

ZHDK, A.A.

KONDRATOCHENKO, A.P., kandidat tekhnicheskikh nauk; RMPREV, A.I., inzhener, retsenzent; DORONIN, F.N., retsenzent; ZHDK, A.A., redaktor; KARAMYSHEV, I.A., redaktor; KHITROV, P.A., tekhnicheskii redaktor

[Problems of constructing railroad beds in mountainous areas] Voprosy sooruzheniia zheleznodorozhnogo zemliannogo polotna v gornykh usloviakh. Moskva, Gos. transportnoe zhel-dor. izd-vo, 1951.
110 p. (MIRA 8:6)

(Railroad--Construction)

REPENKO, A.T., red.; GUREVICH, M.S., red.; GINZBURG, A.S., red.;
YERMOLAYEV, V.V., red.; ZHUK, A.A., red.; USPENSKIY, V.V.,
red.; MASLOV, N.A., red.izd-va; TEMKINA, Ye.L., tekhn.red.;
KORNEYEVA, V.I., tekhn.red.

[Section on the economics of the construction industry]
Sektoria ekonomiki stroitel'stva. Moskva, Gosstroizdat,
1958. 369 p. (MIRA 12:6)

1. Vsesoyuznoye soveshchaniye po stroitel'stvu, 3rd, Moscow,
1958.

(Construction industry--Costs)

BASHINSKIY, Sergey Viktorovich; ~~ZHIK, A.A.~~ redaktor; TARASOVA, Ye.K.,
redaktor izdatel'stva; ISLENT'YEVA, P.G., tekhnicheskiy redaktor

[Methods of setting estimated construction norms] Metody razrabotki
smetnykh norm v stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit.
i arkhitekture, 1956. 74 p. (MLRA 10:1)
(Building--Estimates)

KVITNITSKIY, Leonid Antonovich; ZHUK, A.A., nauchnyy red.; IL'IN, V.M., red.; KATSIH, A.S., red.; LNYKIN, B.P., red.; MALYUGIN, V.I., red.; USPENSKIY, V.V., red.; SHASS, M.Ye., red.; MORSKOY, K.L., red. izd-va; GARNUKHIN, Ye.K., tekhn. red.

[Transportation expenses in construction and ways to lower them] Transportnye raskhody v stroitel'stve i puti ikh snizheniia. Izd. 2., dop. i perer. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1961. 105 p. (MIRA 14:12)

(Materials handling)
(Construction industry--Costs)

ZHUK, A.E.

Restoration of agate thread guides of winding machines.
Khim. volok. no.6:67 '65. (MIRA 18:12)

1. Proyektno-konstruktorskiy tekhnologicheskii institut,
Cherkassy. Submitted August 20, 1965.

ZHUK, A.M., inzhener, nachal'nik dinamometricheskogo vagona (Kiyev)
MIKHAYLOVSKIY, A.N. (Kiyev)

Modernizing the cone exhaust apparatus of steam locomotives.
Zel.dor.transp. 39 no.4:70-72 Ap '57. (MLRA 10:5)
(Locomotives)

ZHUK, A. P.

13/49T78

USSR/Medicine - Public Health,
Associations

Jul/Aug 48

Medicine - Public Health, Education

"All-Union Conference of Deputy Ministers of
Public Health on Public Health Cadres," A. P.
Zhuk, and N. M. Turanov, 4 pp

"Sov Zdravookhran" No 4

Summarizes speeches made by the various deputy
ministers. Conference showed that basic task
of work cadres remains problem of ideological and
political education.

FDB

13/49T78

ZHUK, H.P.

SADYOKASOVA, Yelizaveta Alikhanovna, dotsent; ZHUKOV, G.I., redaktor;
ZHUK, A.P., redaktor; ROMANOVA, Z.A., tekhnicheskii redaktor.

[~~Organization and methodology of medical statistics investigation~~
theory and methodology of medical statistic investigation] Teoriia
i metodika sanitarno-statisticheskogo issledovaniia. Lektsii I-VI.
Moskva, Gos.izd-vo meditsinskoi lit-ry, 1954. 99 p. (MLRA 8:5)
(Medical statistics)

MERKOV, Arkadiy Mikhaylovich, prof.; ZHUK, A.P., red.; ZUYEVA, N.K.,
tekhn.red.

[Demographic statistics (population statistics); a brief
manual for physicians] Demograficheskaya statistika
(statistika naseleniya); kratkoe posobie dlia vrachei.
Moskva, Medgiz, 1959. 187 p. (MIRA 12:6)
(VITAL STATISTICS)

MEHKOV, Arkadiy Mikhaylovich, prof.; ZHUK, A.P., red.; ROMANOVA, Z.A.,
tekhn.red.

[General theory and methods in statistical analysis in public
health; manual for physicians] Obshchaya teoriya i metodika
sanitarno-statisticheskogo issledovaniya; posobie dlia vrachei.
Moskva, Gos.izd-vo med.lit-ry, 1960. 205 p. (MIRA 13:9)
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SMULEVICH, Boleslav Yakovlevich; ZHUK, A. P., red.; BALDINA, N.F., tekhn. red.

[Criticism of modern bourgeois social hygiene and medical sociology]
Kritika sovremennoi burzhuaanoi sotsial'noi gigieny i meditsinsko
sotsiologii. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 337 p.
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ZHUK, A.P. (Moskva)

Historical notes on the struggle for sanitary labor protection
for industrial workers in Russia. Gig. truda i prof. zab. 4
no.12:36-38 D '60. (MIRA 15:3)

1. Institut organizatsii zdravookhraneniya i istorii meditsiny
imeni N.A. Semashko. (INDUSTRIAL HYGIENE)

ZHUK, A.P.; ILUPINA, F.M.; DUBROVINA, V.D. (Moskva)

Determining the demand of the adult city population for polyclinical service. Sov.zdrav. 21 no.10:22-26 '62. (MIRA 15:10)

1. Iz otdela ekonomiki i planirovaniya Instituta organizatsii
zdravookhraneniya i istorii meditsiny imeni N.A.Semashko.
(CLINICS) (MEDICAL CARE)

BARSUKOV, M.I., otv. red. (Moskva); LUSHNIKOV, A.G., red.; ZHUK,
A.P. red.; BAGDASAR'YAN, S.M., red.; LISITSYN, Yu.P.,
red. (Moskva)

[Annals of the history of medicine; collection of papers]
Annaly istorii meditsiny; sbornik trudov. Moskva, Medgiz,
1963. 150 p. (MIRA 17:6)

1. Vsesoyuznoye nauchnoye istoriko-meditsinskoye obshchestvo.

MERKOV, Arkadiy Mikhaylovich, prof.; CHAKLIN, Aleksandr Vasil'yevich,
kand. med. nauk; ZHUK, A.P., red.; BALDINA, N.F., tekhn. red.

[Statistical study of malignant neoplasms; methodological
manual for oncologists] Statisticheskoe izuchenie zlokachestven-
nykh novoobrazovaniy; metodicheskoe posobie dlia vrachei-
onkologov. Moskva, Medgiz, 1962. 219 p. (MIRA 1517)
(ONCOLOGY--STATISTICS)

POPOV, Georgiy Alekseyevich; ZHUK, A.P., red.; KUZ'MINA, N.S.,
tekhn. red.

[Physicians and the planning of their training] Vracheb-
nye kadry i planirovanie ikh podgotovki. Moskva, Medgiz,
1963. 225 p. (MIRA 16:12)
(PHYSICIANS—EDUCATION)

GOL'DZIL'BER, Emmanuil Moiseyevich; ZHUK, A.P., red.; KUZ'MINA,
N.S., tekhn. red.

[Basic problems in the organization of polyclinical service
for the population] Osnovnye voprosy organizatsii polikli-
nicheskogo obsluzhivaniia naseleniia. Moskva, Medgiz, 1963.
274 p. (MIRA 17:2)

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ZHUK Aron Petrovich; ZINOV'YEV, I.A., red.; LYUDKOVSKAYA, N.I.,
tekhn. red.

[Development of the public medical thought in Russia during
the 1860's and 1870's] Razvitie obshchestvenno-meditsinskoi
mysli v Rossii v 60-70gg. XIX veka. Moskva, Medgiz, 1963.
381 p. (MIRA 16:12)

(MEDICINE)

STRASHUN, Il'ya Davydovich, prof.; ZHUK, A.P., red.

[Russian social medicine in the period between the two revolutions, 1907-1917] Russkaia obshchestvennaia meditsina v period mezhdu dvumia revoliutsiiami, 1907-1917. Moskva, Meditsina, 1964. 204 p. (MIRA 17:12)

1. Deystvitel'nyy chlen AMN SSSR (for Strashun).

KAL'YU, P.I., red.; ZHUK, A.P., red.

[Studies of the history of Russian social medicine; on the centennial of zemstvo medicine] Ocherki istorii rus-
skoi obshchestvennoi meditsiny; k stoletiiu zemskoi me-
ditsiny. Moskva, Meditsina, 1965. 298 p.

(MIRA 19.1)

1. Direktor Instituta organizatsii zdravookhraneniya i
istroy meditsiny im. N.A.Semashko (for Kal'yu).

ZNAMENSKIY, G.N.; ZHUK, A.P.; STENDER, V.V.

Effect of the conditions of electrolysis of zinc chloride acid solutions on the magnitude of the true surface of zinc precipitates. Ukr. khim. zhur. 31 no.4:367-372 '65.

(MIRA 18:5)

1. Dnepropetrovskiy khimiko-tehnologicheskii institut.

VOLOVICH, N.I.; KRASOVITSKAYA, A.M.; ZLATOPOL'SKAYA, R.D.; MIKULINSKAYA, R.M.;
PETRENKO, M.D.; ZHUK, A.S.; CHERNYAVSKAYA, L.N.; GOL'DENBERG, R.A.

Studies on the efficiency of enteral immunisation against dysentery
with poly-antigen immunogen; authors' abstract. Zhur.mikrobiol.epid.
i immun. no.8:32-33 Ag '54. (MLRA 7:9)

1. Iz Khar'kovskogo instituta vaktsin i syvorotok imeni Mechnikova
(dir.kandidat biologicheskikh nauk G.P.Cherkas) i Khar'kovskoy
gorodskoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach
A.I.Stul'nikov)

(DYSENTERY, BACILLARY, prevention and control,

*poly-antigen immunogen)

(ANTIGENS AND ANTIBODIES,

*poly-antigen immunogen in prev. of bacillary dysentery)

ZHUK, A.S.

GRES'-EDIL'MAN, B.Ye.; ZHUK, A.S.

Significance of inhibition and stimulation of the central nervous system in immunization against streptococcal infections under experimental conditions. Zhur. mikrobiol. epid. i immun. no.12: 72-75 D '54. (MLRA 8:2)

1. Iz Khar'kovskogo nauchno-issledovatel'skogo instituta vaktsin i syvorotok imeni Mechnikova (dir. G.P.Cherkas)

(VACCINES AND VACCINATION,

streptoc. vacc., eff. of stimulation & inhib. of CNS in rabbits on results)

(STREPTOCOCCAL INFECTIONS, prevention and control,

vacc., eff. of stimulation & inhib. of CNS in rabbits on results)

(CENTRAL NERVOUS SYSTEM, physiology,

eff. of inhib. & stimulation on results of streptoc. vacc. in rabbits)

ZHUK, A. S.

Zhuk, A. S. --"The Fibrinolysin of Hemolytic Streptococci and Its Role in the Pathogenesis of Scarlet Fever." Khar'kov Medical Inst, Khar'kov, 1955 (Dissertation for Degree of Doctor of Medical Sciences.)

SO: Knizhnaya Letopis', No. 23, Moscow, Jun 55, pp 87-104

USSR/Medicine - Pharmacology; Central nervous system and infection

FD-2312

Card 1/1 Pub 148 - 13/36

Author : Gres'-Edel'man, B, Ye.; Zhuk, A. S.; Kitchenko, A. V.

Title : The effects of processes of excitation and inhibition of the central nervous system on the course of experimental streptococci infections

Periodical : Zhur. mikro. epid. i immun. No 2, 38-39, Feb 1955

Abstract : On the basis of the experimental results described, arrive at the following conclusions: white mice (highly susceptible to infection with hemolytic streptococci) are protected by caffeine from death on infection in a considerable percentage of cases, not protected by urethan (death expedited), and not protected by medinal (died at the same time as control animals); while guinea pigs relatively insusceptible to infection) are made more susceptible by caffeine and protected by urethan.

Institution : Khar'kov Institute of Vaccines and Sera imeni Mechnikov; Chair of Microbiology, Ukrainian Institute of Advanced Training for Physicians

Submitted : July 15, 1954

ZHUK, A.S.; GRES'-EDEL'MAN, V.Ye.; CHEBOTAREVA, Ye.V.; KOZINETS, R.G.;
ROZINA, Ts.S.; POLOVSKAYA, Ts.L.

The effect of penicillin therapy on immunologic changes in scarlet
fever. *Pediatrics*, no.5:23-26 S-O '55. (MIRA 9:2)

1. Iz skarlatinoznoy laboratorii (zav.-kandidat meditsinskikh nauk
B.Ye. Gres'-Edel'man) Khar'kovskogo nauchno-issledovatel'skogo instituta
imeni Mechnikova (dir.-kandidat biologicheskikh nauk G.P. Cherkas)
i 8-y infektionnoy bol'nitsy (glavnyy vrach Ye. V. Chebotareva)

(SCARLET FEVER, ther.
penicillin, eff. on immunity)
(IMMUNITY
in scarlet fever, err. of penicillin)

EXCERPTA MEDICA Sec 7 Vol 10/10 Pediatrics Oct 56

2187. ZHUK A.S., GRES-EDELMAN B.E., TCHEBOTAREVA E.V., KOZINETS R.G., ROZINA Ts.S. and POLONSKAYA Ts.L. *Influence of penicillin therapy on the immunological responses in scarlet fever patients (Russian text) PEDIATRIJA 1955, 5 (23-26)

In order to prevent complications in scarlet fever an early penicillin treatment of patients has been widely used. The results were very variable. However, it was noted that the early treatment lowers the immunological responses (the percentage of Dick reactions, the frequency of high titres of antihyaluronidase in the sera, of antifibrinolysin and of antistreptolysins O and S). The lowering of immunological indices as well as an equal number of complications among treated and non-treated patients do not justify a mass use of penicillin for preventive purposes. On the other hand, the treatment of complications with penicillin along with immunogenic substances (specific vaccine) is indicated.

Anigstein - Galveston, Tex. (XX, 7.4.4)

1ST AND 2ND ORDER										3RD AND 4TH ORDER									
PROCESSES AND PROPERTIES INDEX																			
C										9									
Molds for pressing special glasses. A. V. ZHUR. <i>Steklo i Keram</i>, 5 (11) 20-21 (1948) -- For special glasses, such as high way light reflectors, steels of up to 25% Cr and up to 10% Ni are satisfactory. For prismatic reflectors, the die can be made from the desired number of individual calibrated Ni prisms having the shape of parallelepipeds with one chamfered base. In the absence of Ni, Cr-plated C steel can be used. 5 sketches H. Z. K.																			
AS 6-31A METALLURGICAL LITERATURE CLASSIFICATION																			
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SUBJECTS										SUBJECTS									

ZHUK, A.V., inzh.

Greater application of the experience acquired by the Dyat'kovo
Crystal Glass plant. Stek. i ker. 22 no.4:42-43 Ap '65. (MIRA 18:5)

1. Nauchno-issledovatel'skiy institut organizatsii upravleniya
i normativov Soveta narodnogo khozyaystva SSSR.

PROCESSING AND PROPERTIES INDEX	
C	Chamber for preheating debiteuses. A. V. ZHEK. <i>Shtelo i Keram.</i> 6 [9] 23 (1949).--Considerable fuel economy is effected by storing the debiteuses, after firing and prior to use, in a special chamber constructed in the Dinas section of the tank furnace, behind the last burner toward the machine channel, between the supporting columns, from either side of the furnace or, if necessary, from both sides. The chamber is directly connected to the gas space of the cooling section of the furnace so that the temperature therein will be not lower than 1200°. The debiteuses are kept at this temperature in the chamber until ready for use. Construction details are given. B.Z.K.
ASM-5LA METALLURGICAL LITERATURE CLASSIFICATION	
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B. Abs.

191-8, 191-9, 191-10

"Apparatus for controlling the speed of sheet glass made by the
Fourcault process when the sheets are drawn out rapidly. A. V.
Zhuk (Sov. Keram. Prom., 1946, 6, No. 2, 12; Brit. Ceram. Abs.,
1946, 2704).

ZHUK, A. V.

36727. i Ratsional'noye Raspolozheniye Mashin Vertikal'nogo Vytagivaniya Listovogo Stekla. Steklo i Keramika, 1949, No. 11, c. 17-18.

SO: Ietopis' Zhurnal'nykh Statey Vol. 50, Moskva, 1949

Chamber for preheating debiteuses. A. V. Zuyev. Steklo i Keram., 6 (1973) (1973). Considerable fuel economy is effected by starting the debiteuses, after firing and prior to use, in a special chamber constructed in the Dinas section of the tank furnace, behind the last burner toward the machine channel, between the supporting columns, from either side of the furnace or, if necessary, from both sides. The chamber is directly connected to the gas space of the cooling section of the furnace so that the temperature therein will be not lower than 1200°. The debiteuses are kept at this temperature in the chamber until ready for use. Construction details are given.

B.Z.K.

