

ZIAPKOV, L.

Soviet antarctic explorers. p. 22

GEOGRAFIJA. Vol. 6, No. 4, 1956

Sofya, Bulgaria

So. East European Accessions List

Vol. 5, No. 9

September, 1956

ZIAPKOV, L.

Studies on the distribution of the average yearly discharge
of the Veleka River. Izv Geog inst BAN 6:111-131 1962.

ЗИАРКОВ, Инка Д.

Информационно-аналитический отдел

Streletskaya Step'. Prir i znanie 16 no.10:20-22 D'63.

ZIAPKOV, Luka

Some basic regularities in the water balance of the upper reaches
of the Yantra River. Khidro i meteorolog 13 no.6:51-60 '64.

ZIAREK, STANISLAW

PALWODA, Tadeusz; ZIAREK, Stanislaw

Significance of pendiomide and dolantin in experimental shock. Acta
physiol. polon. 8 no.4:655-660 1957.

1. Z I Kliniki Chirurgicznej Sl. A. M. Kierownik: doc. dr St. Szyasko.
(SHOCK, experimental,
eff. of meperidine & pendiomide (Pol))
(MEPERIDINE, effects,
on exper. shock (Pol))
(PENDIOMIDE, effects,
same)

PALIWODA, Tadeusz; SOSNIERZ, Marian; KIAREK, Stanislaw

Application of amino acids in experimental traumatic shock. I.
Morphological changes. Pat.polska 10 no.4:421-430 Q-D '59.

1. Z I Kliniki Chirurgicznej Slaskiej Akad.Med. w Zabrze. Kierownik:
doc.dr.med. St. Szysko. Z Zakladu Anatomii Patologicznej Slaskiej
Akad.med. w Zabrze. Kierownik: prof.dr.med. W. Niepolomski.
(AMINO ACIDS pharmacol.)
(SHOCK exper.)

ZIAREK, Stanislaw; STEPLEWSKI, Z.

Function of the reticuloendothelial system of the liver in
experimental traumatic shock. Med. pracy 16 no.4:283-287 '65.

1. Z I Kliniki Chirurgicznej Slaskiej AM w Zabrze (Kierownik:
prof. dr. med. S. Szyszko) i z Zakladu Histologii Slaskiej AM
w Zabrze (Kierownik: doc. dr. med. A. Vorbrodt).

ZIAREK, Stanislaw; MIGAS, Edward

Cases of chronic ulceration of the legs following thrombophlebitis treated by the method of Madden-Kim. Wiad. lek. 18 no.12:1029-1032 15 Je '65.

1. Z I Kliniki Chirurgicznej Slaskiej Akademii Medycznej w Zabrze (Kierownik: prof. dr. S. Szyszko).

ZIAREK, Stanislaw; JONECKO, Antoni

Effect of intrasplenic oxygen administration on liver glycogen
in the course of experimental traumatic shock. Pol. przegl. chir.
37 no.6:580-584. Je '65.

1. Z I Kliniki Chirurgicznej Slaskiej AM w Zabrze (Kierownik:
prof. dr. S. Szyszko) i z Oddzialu Chirurgicznego Instytutu
Onkologii w Gliwiczach (Ordynator: dr. W. Galecki).

EXCERPTA MEDICA Sec 9/Vol 13/5 SURGERY May 59

2307. (734) POWDERED CONSERVED HOMOGENEOUS EPIDERMIS AS A BIOLOGICAL DRESSING - Sproszkowany, konserwowany naskórek jednogatunkowy jako biologiczny opatrunek - Ziarek S. I. Klin. Chir. Śi. A.M., Zabrze - POL. PRZEGL. CHIR. 1958, 30/4 (325-339) Tables 2 illus. 11

The powder obtained by subjecting homogeneous epidermis to a temperature of -70 to -90° C. could be stored at a temperature of +2 to +4° C. for a period of even several months without any change in its cellular structure; this provided a basis for its application in 50 patients with traumatic, thermal or trophic skin defects. The beneficial effect of powdered epidermis was evidenced by the covering of the wound by a membrane formed of epidermal elements and the exudate from the wound. This membrane is maintained even for several weeks and falls off as a

2307

scab after the complete epithelization of the wound. For its power to decrease exudation from the wound, prevent infection, and stimulate granulation and epithelization, powdered epidermis must be considered as a biological dressing of the highest value.

ZIAREK, S.

Comparative evaluation of oximetric, gasometric and photometric results in experimental traumatic shock. Acta physiol. polon. 10 no.5: 651-655 Sept-Oct 59.

1. Z I Kliniki Chirurgicznej Slaskiej A. M. w Zabrze Kierownik: doc. dr St. Szyszko.
(SHOCK, exper.) (OXYGEN, blood)

ZIAREK, St.; ROMANSKI, A.; CZYZEWSKI, K.

Effect of hypotensive drugs on the degree of blood oxidation in experimental traumatic shock. Acta physiol. polon. 10 no.5:619-631 Sept-Oct 59.

1. Z I Kliniki Chirurgicznej Śląskiej A. M. w Zabrze Kierownik:
doc. dr. S. Szyzko.
(OXYGEN, blood) (SHOCK, exper.)
(ANTIHYPERTENSIVE AGENTS, pharmacol.)

ZIAREK, Stanisław; JONECKO, Antoni

Intradermal adrenalin tests in hyperthyroidism. Polski tygod. lek.
14 no.23:1048-1052 8 June 59.

1. (Z I Kliniki Chirurgicznej Śląskiej A.M. w Zabrze; kierownik: doc.
dr St. Szyszko.

(HYPERTHYROIDISM, diag.) (SPINEPHRINE)

ZIARUK, Stanislaw

A modified trocar for abdominal punctures. Polski tygod. lek. 14
no.46:2044-2045 16 Nov 59.

1. (Z I Kliniki Chirurgicznej Sl. A. M. w Zabrzu; kierownik: doc.
dr St. Szyzko).

(PUNCTURES, equip. & supply) (ABDOMEN, surg.)

SZYSZKO, Stanislaw; ZIAREK, Stanislaw

Experimental increase of portal blood oxidation by means of injecting gaseous oxygen into the splenic mucosa. Polski tygod. lek. 16 no.36: 1381-1383 4 S '61.

1. Z I Kliniki Chirurgicznej Sl. A.M. w Zabrze kierownik Kliniki:
doc. dr Stanislaw Szyszko.

(OXYGEN blood) (PORTAL VEINS physiol)
(SPLEEN physiol)

ZIAREK, Stanislaw; SAWARYN, Tadeusz

Complications after the use of adrenal cortex preparations. Polski
przegl. chir. 33 no.4:347-354 '61.

1. Z.I Kliniki Chirurgicznej Sl. A. M. w Zabrze Kierownik: doc.
dr S. Szyszko.

(ADRENAL CORTEX HORMONES toxicol)

ZIAREK, Stanislaw; SAWARYN, Tadeusz; SZYSZKO, Stanislaw

Preliminary studies on experimental transplantation autogenous granulations. Acta physiol pol 12 no.3:433-439 '61.

1. Z I Kliniki Chirurgicznej Śląskiej A.M. w Zabrze Kierownik:
doc. dr St. Szyszko.
(TRANSPLANTATION exper) (WOUND HEALING)

BUKOWSKI, Janusz; GRZYBOWSKI, Janusz; KLISZCZ, Wacław; SZUBINSKI,
Miroslaw; MASZKOWSKI, Zbigniew; ZIAREK, Stanislaw

Polarographically active sulfur groups in experimental traumatic
shock. Acta physiol. Pol. 16 no.3:441-444 My-Je ' 65.

1. I Klinika Chirurgiczna Śląskiej AM w Zabrze (Kierownik: prof.
dr. St. Szyszko) i Szpital Powiatowy w Kozlu (Dyrektor: dr.
Zdzislaw Teleszynski).

ZIAREK, Stanislaw; TYCZYNSKI, Zbigniew

Emergency transesophageal puncture of bleeding esophageal varices. Pol. przegl. chir. 36 no.8:1005-1009 Ag '64.

1. Z I Kliniki Chirurgicznej Sl. Akademii Medycznej w Zabrze (Kierownik: prof. dr S. Szyszko).

ZIAREK, Stanislaw; GORKA, Zygmunt

Value of "terracortril-spray" in the preparation of infected surgical wounds for late secondary suturing. Polski przegl. chir. 33 no.6:547-554 '61.

1. Z I Kliniki Chirurgicznej Sl. AM. w Zabrze Kierownik: doc. dr S. Szysako.

(OXYTETRACYCLINE ther) (HYDROCORTISONE ther)
(SURGERY OPERATIVE compl)

ZIAREK, Stanislaw; JONECKO, Antoni; SAWARYN, Tadeusz

Oligo-biopsy of the thyroid in clinical practice. Polski przegl.
chir. 33 no.3:221-228. '61.

1. Z I kliniki Chirurgicznej St. Am W Zabrzku. Kierownik: doc dr
E. Szyszko.

(THYROID GLAND pathol)

ZIAREK, Stanislaw

ZI - finished

Modified needle for thyroid puncture. Polski tygod.lek. 15 no.22:
832-834 30 My '60.

1. Z I Kliniki Chirurgicznej Sl. A.M. w Zabrszu; kierownik: doc
dr med. Stanislaw Szyzsko.
(THYROID GLAND pathol)
(BIOPSY)

21

ZIAREK, Stanislaw (Zabrze, ul. Przelotowa 11, m. 3.)

Preserved powdered homogeneous epidermis as a biological dressing.
Polski przegl. chir. 30 no.4:325-339 Apr 58.

1. Z I Kliniki Chirurgicznej Sl. A. M. w Zabrzu Kierownik: doc. dr St-Szysko.

(SKIN

preserved powdered epidermis, use as dressing for skin
wds. (Pol))

(BANDAGING AND DRESSING,

use of preserved powdered epidermis as dressing for skin
wds. (Pol))

ZIAREK, Stanislaw (Zabrze, ul. Przelotowa 11, m. 3.)

Experimental research on grafting of homogeneous powdered epidermis at the site of skin defects. Polski przegl. chir. 30 no.10:1015-1019 Oct 58.

1. Z I Kliniki Chirurgicznej Sl. A. M. w Zabrzu Kierownik: doc. dr St. Szyszko.

(SKIN TRANSPIANTATION, exper.

grafting of homogeneous powdered skin at site of skin defects (Pol))

~~ZIAREK, Stanislaw~~

Late secondary suture and its application in infected surgical wounds.
Polski przegl. chir. 29 no.7:647-655 July 57.

1. Z I Kliniki Chirurgicznej Slaskiej A. M. w Zabrze. Kierownik:
doc. St. Szyzsko.

(SURGERY, OPERATIVE, complications,
infect. of surg. wd., late secondary suture (Pol))
(SUTURES,
late secondary in infect. surg. wds. (Pol))

ZIAREK, Stanislaw

Case of ligation of the common carotid artery. Polski tygod. lek.
11 no.24:1078-1081 11 June 56.

1. Z I Klin. Chirurg. Slaskiej A. M. w Zabrsu; kier. doc. dr St. Skyszko.
Zabrse, ul. Drobna 3/6.

(ARTERIES, CAROTID, wounds and injuries, gunshot of common,
ligation (Pol))

(WOUNDS AND INJURIES,
gunshot of carotid artery, common, ligation (Pol))

ZIAREK, Stanislaw; SZYSZKO, St.; NOWAK, St.; DABROWSKI, Z.

Effect of the administration of adrenal cortex preparations on the serum γ -globulin level in the rat. Acta physiol Pol 12 no.5:711-718 '61.

(ADRENAL CORTEX HORMONES pharmacol)
(GAMMA GLOBULINS)

ZIARKIEWICZ, Tadeusz; ANASIEWICZ, Anna

Investigation on the influence of hemp (*Cannabis sativa* L.) on the apparition of *Pieris brassicae* L. on cabbage (*Brassica alba* v. *capitata* L.) Roczn. nauk. roln. rosl 83 no. 3: 641-649 '61.

1. Katedra Ochrony Roslin, Wyzsza Szkola Rolnicza, Lublin.

ZIARKO, P.

The maintenance of airports and their installations in spring and summer. p. 33

WOJSKOWY PRZEGLAD LOTNICZY. (Dowództwo Wojsk Lotniczych) Warszawa, Poland,
Vol. 12, no. 5, May 1959

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 8, August, 1959

Uncl.

ZIARKOWSKI, S.

From life of the Association of Engineers and Technicians of the Textile Industry and factory groups, p. 17. (ODZIEZ, Lodz, Vol. 6, no. 1, Jan. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

ZIARKOWSKI, S.

Jaruga, A. Production of textile fabrics for the clothing industry. p. 68.
ODZIEZ, Lodz, Vol. 6, no. 4, Apr. 1955.

SO: Monthly List of East European Accessions, (EEAL), LG, Vol. 4, no. 10, Oct. 1955,
Uncl.

ZIARKOWSKI, S.

"International cooperation as a means of continuous development of technological progress." p.209. (ODZINZ. VOL. 5, No. 11, Nov. 1954, LEDZ, POLAND)

SO: Monthly List of East European Accessions. (EEAL). LC. Vol. 4, No. 4. April 1955. Uncl.

POLAND / Chemical Technology. Chemical Products and H-13
Their Application--Ceramics. Glass. Bind-
ing Materials. Concrete

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 9117

Author : Sulikowski, J., Ziarno-Czarnarska, D.

Inst : Not given

Title : Phenomenon of False Cement Setting and Its Effect
on Electroconductivity of Cement Solution

Orig Pub: Cement. Wapno. Gips, 1958, 14, No 4, 73-79

Abstract: A brief review of the problem of false setting
(FS) of cement and its causes. The chief cause
of FS is the dehydration of $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ in the mill
when the clinkers are ground. Various methods of
studying FS of cement are described (Italian, Dutch,

Card 1/2

ZIATANOVIC, J.; SAPUNOV, P.

Silex from Crni Vrh, Macedonia. p. 1527.
(Tehnika, Vol. 11, no. 10, 1956. Beograd, Yugoslavia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 7,
July 1957. Uncl.

ZIATAREV, P.

ZIATAREV, P. Results from testing some basic types of centrifugal pumps. p. 21.

Vol. 5, No. 5, Sept/Oct. 1956.

TEKHNIKA.

TECHNOLOGY

Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 3, March 1957

ZIARTIDES, A.

ZIARTIDES, Andreas

~~_____~~
Cypriot workers expect more solidarity. Vsem.prof.dvizh. no.11:56
N '57. (MIRA 11:1)

1.General'nyy sekretar' Vsekiptskoy federatsii truda.
(Cyprus--Politics and government)

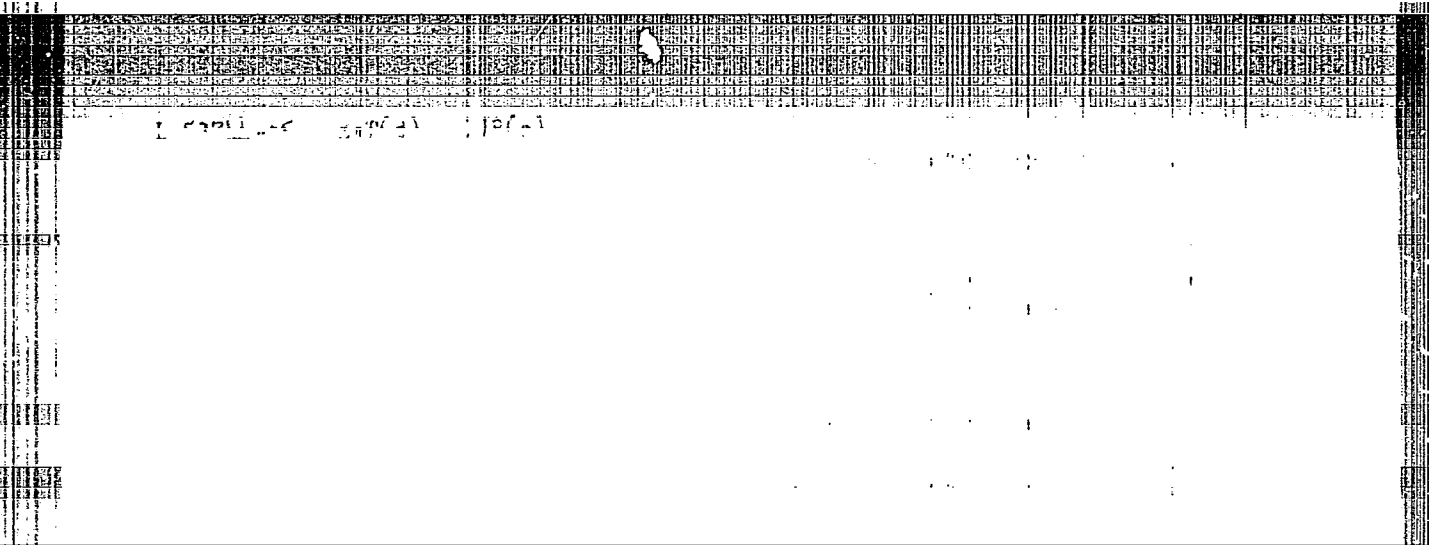
ZIATARSKI, Vassil [Zlatarski, Vasil]

~~Stylococenia delicata~~
Stylococenia delicata Oppenheim, madrepora of the Tertiary of
France. Godishnik biol 56 73-77 '61/'62.

ZIATDINOV, F.Z. (Chelyabinsk)

Spectrum of a differential operator of the second order in
abstract Hilbert space. Volzh. mat. abor. no.1:71-77 '63.

(MIRA 19:1)



Card 1/6

1. 0271126

... the ... sum of the ...

Card 2/6

and absolute continuity of the function of S_{11} are defined in similar fashion.

Section I. Fundamental Systems of Linear Equations in Linear Differential

has. for every fixed $i \in U$, μ bounded average

4-537111-05

ACCESSION NR: AP50172US

Theorem 1. The pair of operators (A, B) is called a pair of operators of the first kind if $A^2 = B^2 = I$.

ZIATDINOV, F.Z. (Chelyabinsk)

Spectrum of a linear differential operator of the second order in a Hilbert space of vector functions with values from abstract Hilbert space. Part 2. Izv. vys. ucheb. zav.; mat. no.2:69-76 '65. (MIRA 18:5)

ZIATDINOV, F.Z.

Theory of linear differential operators. Izv. vys. ucheb. zav.;
mat. no.6:25-31 '61. (MIRA 15:3)

1. Kazanskiy gosudarstvennyy universitet imeni Ul'yanova-Lenina.
(Calculus, Operational) (Differential equations)

85500

S/140/60/000/004/013/023 XX
C111/C222

16.4600 16.3400

AUTHOR: Ziatdinov, F.Z.TITLE: On Linear Differential Operators of Second Order in the Hilbert Space of Vector Functions With Values of an Abstract Separable Hilbert SpacePERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1960, No. 4, pp. 89 - 100

TEXT: Let H be an abstract Hilbert space; h, g be two vectors of H . Let (h, g) denote the scalar product and $|h|$ be the norm of h . Let $B(H)$ be the normed space of all bounded linear operators mapping H into itself. Let U be the interval (a, b) ; let $H[U]$ and $B[U, H]$, respectively, be the set of all vector functions with values of H and the set of all operator functions with values of $B(H)$, respectively, defined on U . Let a function $\varphi(x)$ of $H[U]$ or $B[U, H]$ satisfy the condition I_U , if 1) it is measurable in U and 2) $|\varphi(x)|$ is summable on every finite closed subinterval of U .

At first it is proved (theorems 1-3) that the problem

$$(4) \quad \frac{d^2 y}{dx^2} = A_1(x) \frac{dy}{dx} + A_2(x)y + f(x), \quad y(x_0) = y_0, \quad y'(x_0) = y'_0,$$

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On Linear Differential Operators of
Second Order in the Hilbert Space
of Vector Functions With Values of an
Abstract Separable Hilbert Space

S/140/60/000/004/013/023 XX
C111/C222

where $A_1(x), A_2(x) \in B[U;H]$, $f(x) \in H[U]$ satisfy the condition I_U , while $x_0 \in U$ and $y_0, y'_0 \in H$, has exactly one solution.

Then it is assumed that H is separable and $\{e_n\}$ is a complete orthogonally normed system in H . Theorem 4 asserts that these solutions $y_1(x), y_2(x), \dots, y_n(x), \dots$ are linearly independent if $y_j(x)$ are the solutions of

$\frac{dy}{dx} = A(x)y$ satisfying the conditions $y_j(x_0) = e_j$, where $x_0 \in U$. Herefrom it is concluded in the usual manner that solutions of

$$(4') \quad \frac{d^2y}{dx^2} = A_1(x) \frac{dy}{dx} + A_2(x)y$$

defined correspondingly, are linearly independent.

Card 2/4

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On Linear Differential Operators of
Second Order in the Hilbert Space of
Vector Functions With Values of an
Abstract Separable Hilbert Space

S/140/60/000/004/015/023 XI
C111/C222

Then the expression

$$(12) \quad l(y) = - \frac{d^2 y}{dx^2} + P(x)y$$

is considered where $P(x) \in B[U; H]$ and satisfies the condition I_U .

Let $l^*(y) = - \frac{d^2 y}{dx^2} + P^*(x)y$, where $P^*(x) \in B[U; H]$ is an operator

function whose values are linear operators adjoint to the values $P(x)$.

Theorem 5 : It holds $l^*(y) = l(y)$, i.e. $l(y)$ is selfadjoint then and only then if $P^*(x) = P(x)$ for almost all $x \in U$.

Let \mathcal{L}_H^2 be the linear manifold of all measurable vector functions $y(x) \in H[U]$, for which $\int_a^b |y(x)|^2 dx < \infty$. In \mathcal{L}_H^2 the scalar product

Card 3/4

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On Linear Differential Operators of Second Order in the Hilbert Space of Vector Functions With Values of an Abstract Separable Hilbert Space

S/140/60/000/004/013/023 XX
C111/C222

$[y, z] = \int_a^b (y(x), z(x)) dx$ and the norm $\|f\| = \left(\int_a^b |f(x)|^2 dx \right)^{1/2}$ are

introduced. Let D be the set of all $y(x) \in \mathcal{L}^2_H$, being together with $y'(x)$ absolutely continuous, where $l(y) \in \mathcal{L}^2_H$. The operator L in \mathcal{L}^2_H is defined by $Ly = l(y)$ for $y \in D$. Let U denote the interval $-\infty < x < \infty$.

Theorem 6: If the values of the function $P(x) \in B[U; H]$ which satisfies the condition I_U , are selfadjoint operators bounded from below by the same number m ($m > -\infty$), then the operator L defined in \mathcal{L}^2_H by the expression $l(y)$, is selfadjoint. The author mentions I.M. Glazman. There are 8

references: 5 Soviet, 1 Swedish, 1 American and 1 English.

ASSOCIATION: Kazanskiy gosudarstvennyy universitet imeni V.I. Ul'yanova-Lenina (Kazan' State University imeni V.I. Ul'yanov-Lenin)

SUBMITTED: October 20, 1958

Card 4/4

AFANAS'YEV, P. I. Eng., ZIATKINA, L. M. Eng.

Forging

Increasing the strength of stamps for the cold stamping of large balls. Podshipnik No. 1, 1953.

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

ZIARKOWSKI, S.

"Clothing Workers Are Improving Their Qualifications Through the Board of Technical Organization." p.212
(ODZIEZ Vol. 4, no. 10, Oct. 1953 Lodz, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/ Uncl.

ZIATOKRYLIHA, O. G., UDINTSEVA, N. A., MIKAY, K. V., NEMUNOV, A. L.

"Basic problems of labor hygiene in the machine building industry."

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

ZIATOPOL'SKAYA, T.L.

TRAKHMAN, B.N.; ZIATOPOL'SKAYA, T.L.

Manufacturing reinforced concrete products using assembly-line
methods. Bet. 1 shel.-bet, no.12;477-480 D '57. (MIRA 11:1)
(Moscow--Concrete plants)

ZIBALIS, S.

Chronic interstitial pneumonia. Rev. st. med., med. int., Bucur.
6 no.1:122-128 Jan-Mar 54.

(PNEUMONIA

interstitial, chronic, differ. diag. & surg.)

(LUNGS, neoplasms

differ. diag. from interstitial pneumonia)

ZIBEL', B.; SKURIKHINA, K.

Carbon dioxide content in buld grain as an indication of its
keeping quality. Muk.-elev.prom. 20 no.8:3-5 Ag '54.(MLRA 7:9)

1. Biyskaya opytnaya laboratoriya VNIIZ.
(Wheat--Storage)

ZIBEL', B., kandidat tekhnicheskikh nauk; VYAZOV, L., inzhener

Evaluating flour quality by color. Muk.-elev.prom.21 no.8:16-18
J1 [Ag] '55. (MIRA 8:12)

(Flour)

ZIBEL, B.Ya.

DZHORGGYAN, G.A., nauchnyy sotrudnik; ZIBEL', B.Ya., inzh. [translator];
MESHCHERINA, O.Ye., bibliograf [translator]; KOZ'MINA, N.P., doktor
biol.nauk, otvetstvennyy red.; GRIGOR'YEV, K.P., inzh., red.;
KUPRITS, Ya.N., doktor tekhn.nauk, prof., red.; KUPRIYANOV, A.V.,
inzh., red.; LYUBARSKIY, L.N., doktor sel'skokhozyaystvennykh nauk,
prof.red.; LANDA-DALEV, L.M., starshiy nauchnyy sotrudnik; GERZHOY,
A.P., kand.tekhn.nauk, starshiy nauchnyy sotrudnik; PEDOSOVA, N.I.,
red.; GOLUBKOVA, L.A., tekhn.red.

[Drying and heat processing of grain; translations and abstracts]
Sushka i termicheskaya obrabotka zerna; perevody i referaty.
Moskva, Izd-vo tekhn. i ekon.lit-ry po voprosam mukomol'no-
krupianoi, kombikormovoi promyshl. i elevatorno-skladskogo khoz.,
1957. 90 p. (MIRA 11:5)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut
zerna i produktov ego pererabotki. 2. Vsesoyuznyy nauchno-
issledovatel'skiy institut zerna i produktov ego pererabotki
(for Dzhorogyan, Gerzhoy, Meshcherina). 3. Mel'kombinat imeni
TSyurupy (for Zibel')
(Grain--Drying)

ZIBEL; B. Ya

MAMBISH, I. Ye., kand. tekhn. nauk; PERTSOVSKIY, Ye. S., nauchnyy sotrudnik;
RYBKINA, A. A., nauchnyy sotrudnik; TARASEVICH, B. V., nauchnyy sotrud-
nik; ZIBEL, B. Ya., byvshiy nauchnyy sotrudnik, kand. tekhn. nauk;
AIFUSEVICH, F. P.; RYABEN'KAYA, N. K., inzh.; MELESHKO, L. N.; GEL'MAN,
D. Ya., red.; CHERNYSHEVA, V. A., red.; GOLUBKOVA, L. A., tekhn. red.

[A method for accelerated determination of moisture in newly harvested wheat and rye] Metod uskorenogo opredeleniya vlazhnosti syrogo zerna pshenitsy i rzhi. Izd. 2-oe, dop. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam mukomol'no-krupianoi, kombikormovoi promyshl. i elevatorno-skladskogo khoziaistva, 1957. 66 p. (MIRA 11:2)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i produktov yego pererabotki. 2. Opytnaya laboratoriya Vsesoyuznogo nauchno-issledovatel'skogo instituta zerna i produktov yego pererabotki pri Biyskom elevatore (for Zibel'). 3. Starshiy inspektor punkta Gosudarstvennoy khlebnoy inspeksii v Biysko (for Antusevich). 4. Zaveduyushchiy laboratoriy Biyskogo elevatora (for Ryaben'kaya) 5. Zamestitel' zaveduyushchego laboratoriy Biyskogo elevatora (for Meleshko).

(Wheat--Analysis) (Rye--Analysis)

PROCESS AND PROPERTIES INDEX

8

CHEMICAL CONTROL OF THE THICKNESS OF TIN COATINGS. M. I. ZIBEL-FARB AND L. M. SHTEINBERG (ZAVOD. LAB. 1945, 11, (11/12), 1042-1048)--(In Russia.)

(Five methods were examined. The most convenient for coatings on copper and brass appears to be removal with HCl (1-16). Solutions are suggested for use in the drop and jet methods.--N.A.)

METALLURGICAL LITERATURE CLASSIFICATION

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117 AND 120 CODES PROCESSES AND PROPERTIES INDEX 101 AND 171 CODES

M *7*

***Methods for Testing the Porosity of Tin Films.** M. I. Zakharenko and R. A. Sherman (*Zhur. Lab.*, 1943, 11, 1110-1121; *C. Abstr.*, 1946, 40, 1130) [In Russian]. The porosity of tin films was best determined by anodic treatment in solutions containing potassium ferrioxalate (10 g./l.), sodium sulphate (10 g./l.), and sodium chloride. The duration of the electrolysis was 5 min. and the initial c.d. 0.5-0.6 amp./cm.². A passive film was formed on the anode during the electrolysis and the c.d. decreased. The pores appeared as red spots. The test did not result in an appreciable destruction of the tin film. The change in weight of the sample did not exceed +0.004 g. in samples weighing 3-5 g.

ASTM 31.8 METALLURGICAL LITERATURE CLASSIFICATION

117 AND 120 CODES PROCESSES AND PROPERTIES INDEX 101 AND 171 CODES

ZIBEN, P. Ya., Cand of Agric Sci -- (diss) "An efficient method of feeding the Latvian breed of dairy cattle." Riga. 1957, 15 pp (Latvian Agricultural Academy) 200 copies (KL, 3257, 94)

Zibenberg, A. I.

28(1) SOV/2156

PHASE I BOOK EXPLOITATION

Sovetskaniye po kompleknoy mekhanizatsii i avtomatizatsii tekhnologicheskikh protsessov. 2nd, 1956.

Avtomatizatsiya mashinostroitel'nykh protsessov /trudy sovetshchaniya/, tom. 1. Goryachaya obrabotka metallov (Automation of Machine-Building Processes; Proceedings of the Conference on Over-All Mechanization and Automation of Technological Process, Vol. 1; Hot Metal-Forging) Moscow, 1959. 394 p. 5,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR, Institut mashinovedeniya. Komissiya po tekhnologii mashinostroyeniya.

Repd. Ed.: V.I. Dikubain, Academician; Compiler: V.M. Maskatov; Ed. of Publishing House: V.A. Kotov; Techn. Ed.: I.P. Kuz'min.

PURPOSE: The book is intended for mechanical engineers and metallurgists.

COVERAGE: The transactions of the Second Conference on the Over-All Mechanization and Automation of Industrial Processes, September 25-29, 1956, have been published in three volumes. This book, Vol. 1, contains articles under the general title, Hot Working of Metals. The investigations described in the book were conducted by the Sections for Automation and Hot Working of Metals, under the direction of the following scientists: casting - P.M. Aksekov, D.P. Ivanov and G.M. Orlov; forming - A.I. Tselikov, A.D. Tsedenov and V.P. Meshcherin; welding - G.A. Kikolayev, A.I. Prolov and G.A. Malov. There are 283 references: 182 Soviet, 38 English, 6 German, and 1 French.

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PART II. AUTOMATION OF METAL FORMING UNDER PRESSURE

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Card 3/3

ZIBENBERG, A.I.; RYSKIN, Yu.Ye.

Mechanical grip for feeding hubs in flatters. Avt.prom. 27
no.8:41 Ag '61. (MIRA 14:10)

1. Gor'kovskiy avtozavod.
(Forging machinery)

SOV/128-59-8-12/29

18(5), 28(1)

AUTHOR:

Zibenberg, A.I., Engineer

TITLE:

Automatic Shake-Out of Flask-Moulds

PERIODICAL:

Liteynoye proizvodstvo, 1959, Nr 8, pp 25 - 27 (USSR)

ABSTRACT:

In the foundry department of the Gor'kiy automobile plant ten shake-out processes of the flask-molds will soon be automated. Five of them are already in operation. In the casting shop for malleable gray iron on conveyor Nr 1 an automatic device for shake-out of flask-molds which have no cross-piece was established. This three-position machine (Fig 2) has three pneumatic pushers which bring the flask-mold to a pneumatic vibrator and than back to the conveyor. On conveyor Nr 2 of the same casting shop an equal two-position shake-out automatic device (Fig 3) was installed, which instead of a pneumatic vibrator has a noiseless mechanical shake-out lattice. Also, the heaviest mold - the motor cylinder block - is vibrated automatically. This automatic machine will have a double shake-out apparatus in case the first one is out of order. (Fig 4). The pushers are synchronized with the conveyor by a simple control ap-

Card 1/2

SOV/128-59-8-12/29

Automatic Shake-Out of Flask-Molds

paratus (Fig 5). There are 5 drawings.

Card 2/2

ZIBENBERG, A.I.; POLYAKOV, A.S.

Semiautomatic machine for trimming burrs and flaws of crankcases.
Avt.prom. no.4:37 Ap '60. (MIRA 13:6)

1. Gor'kovskiy avtozavod.
(Grinding machines)

S/128/60/000/010/011/016/XX
A033/A133AUTHORS: Sankov, I. I.; Zibenberg, A. I., and Zhukov, V. S.

TITLE: Overall mechanization and automation of the cleaning of castings

PERIODICAL: Liteynoye proizvodstvo, no. 10, 1960, 23 - 26

TEXT: The authors describe a number of semi-automatic cleaning machines developed and put in operation at the Gor'kovskiy avtomobil'nyy zavod (Gor'kiy Automobile Plant) for the mechanized cleaning of castings. All these machines are the result of systematic research work which has been carried out at the Plant since 1948. The semi-automatic for the emery-grinding of valve seats fitted in the cylinder blocks of the ZM3 (YamZ), GA3-21 (GAZ-21), GAZ-69, GAZ-51 and "Moskvich 407" engines does away with the overheating of these valve seats (weighing 46, 28 and 18 grams) which occurred formerly during manual grinding. The semi-automatic has a capacity of 1,450 pieces/hour. The abrasive wheel has a speed of 136 rpm. The semi-automatic for the emery-grinding of the inner periphery of piston rings for deburring consists of the grinding head, bed with drive and swivel mechan-

Card 1/2

Overall mechanization and automation of the... S/128/60/000/010/011/016/XX
A033/A133

ism. The authors describe the design and operation of this machine and point out that for gang operation all parts are classified in nine groups, the characteristic feature of each group being its surface to be emery-ground. The specific amount of labor consumption of emery-grinding of these groups is 65 - 75% of the total labor consumption of machining the castings after cleaning them in drums and shotblast installations. The semi-automatic for the emery-grinding of the lower and upper cylinder block surfaces, i.e. cylinder faces, valve apertures, gear box surfaces and crank bearings, possesses two 37 kw motors of 1,500 rpm. The grinding wheels have a speed of 950 rpm. The authors give a brief description of the machine operation. The semi-automatic for the emery-grinding of three transmission case surfaces is intended for the removing of foundry gates and deburring. The casting is set by hand in the fixture on the machine carriage, automatically clamped and, together with the carriage, carries out reciprocating movements. The semi-automatic has three motors of 28 kw, 1,500 rpm, for the grinding heads and one 2.8 kw motor of 1,000 rpm for the feed. The feed speed during the machining is 4.3 m/min. The capacity of this semi-automatic is 120 pieces/hour, the overall dimensions 2,160 x 2,565 x 2,275 mm. There are 7 figures.

Card 2/2

ZIHENBERG, A. I.; POLYAKOV, A. S.

Automation of a cylinder block shakeout section. Lit. proizv.
no.10:21-24 0 '62. (MIRA 15:10)

(Foundries--Equipment and supplies)
(Automation)

GORDMYEV, Ya.A.; ZIBENBERG, A.I.; BURSHTYN, D.Ye.

Semi-automat for assembling laminated springs having bushings.
Avt. trakt. prom. no.12:23-25 D '53. (MLRA 6:12)
(Automobile--Springs)

ZIBENBERG, A.I.

ZIBENBERG, A.I.

Semi-automatic machine for polishing steering-wheel worn gears.
Avt.trakt.prom. no.7:24 a-b JI '54. (MIRA 7:7)

1. Gor'kovskiy avtozavod im. Molotova.
(Grinding and polishing)

ZIBENBERG, A.I.

Intermediate unloading of conveyors. Avt. prom. 31 no.9:36-37
S '65. (MIRA 18:9)

1. Ger'kovskiy avtozavod.

ZIBENBERG, T.A.

USSR/Engineering - Polishing

Card 1/1 : Pub. 12 - 15/16

Authors : Zibenberg, T. A.

Title : A semi-automatic machine for polishing worm-gears of a steering-wheel.

Periodical : Avt. trakt. prom. 7, insert between pages 24-25, July 1954

Abstract : The polishing of worm-gears for automobile steering wheels on a semi-automatic buffer is presented. The gears are polished with an abrasive disk having abrasive grains of 46 size at the feed of 16 m/sec. Diagrams depicting various polishing operations, are given. Tables.

Institution :

Submitted :

ZIBENE, M. A., Candidate Agric Sci (diss) -- "Changes in the physical-chemical, and biological properties of wet and swampy soils under cultivation". Riga, 1958. 31 pp (Min Agric USSR, Latvian Agric Acad) (KL, No 22, 1959, 118)

ZIBENGAR, L. A., Cand Tech Sci -- (diss) "Research into the efficiency of cutting drilling of bore-holes in explosive work in open-cut mines." Moscow, 1960. 10 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Mining Inst im I. V. Stalin); 150 copies; free; (KL, 25-60, 131)

GORODETSKIY, David Yevseyevich; ZIBENGAR, Lev Avgustovich; KOROSTYLEV, A.Ye.,
redaktor; OKHRIMENKO, V.A., redaktor; NADEINSKAYA, A.A., tekhnicheskiy
redaktor.

[Innovations in the technology and organization of stripping work in
coal pits] Novoe v tekhnologii i organizatsii vskryshnykh rabot na
ugol'nykh razrosakh. Moskva, Ugletekhizdat, 1955. 79 p. (MLBA 9:4)
(Coal mines and mining)

USSR/Farm Animals - General Problems.

Q-1

Abs Jour : Ref Zhur - Biol., No 1, 1959, 2625

Author : Zilens, P.

Inst : Latvian Agricultural Academy

Title : Replacement of Concentrates by Individual Forms of Green Fodder During the Foraging Period of the High-Yield Cattle of the Latvian Brown Breed.

Orig Pub : Latv. Lauksaimniecības akad. raksti, Tr. Latv. s.-kh. akad. 1957, vyp. 6, 199-213.

Abstract : During the first half of the pasture period, the high-producing pastures can insure the feeding of the animals without additional feeding (without mineral substances). In the second half of the pasture management, additional green feeding is necessary. When the ration is composed of winter rye and a mixture of clover and timothy with vetch oats, it may supplant the concentrated feeds.

Card 1/1

- 7 -

ZIBENS, R.; ZARINS, V.; PETERSONS, P., red.; CAKSS, J., tekhn. red.

[Use of draft horses in agriculture] Darba zirgu imantosa
sana lauksaimnieciba. Riga, Valsts izdevnieciba, 1961. 58 p.
(MIRA 15:3)

(Latvia---Draft horses)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100											
101 AND 102 COLUMNS											
PROCESSES AND PROPERTIES INDEX											
<p><i>CA</i></p> <p>Porous concrete. I. A. Ziber. Russ. 30,060, Oct. 5, 1931. To a mortar of viscous consistency, during its prepn. but before it is cast into molds, is added freshly calcined anhydrous CaCl₂ of large size grain so as to form flaws in the mass after its setting.</p> <p><i>20</i></p>											
103 AND 104 COLUMNS											
METALLURGICAL LITERATURE CLASSIFICATION											
105 AND 106 COLUMNS											
107 AND 108 COLUMNS											
109 AND 110 COLUMNS											
111 AND 112 COLUMNS											

ZISER, V.

Problems and experiments in physics; manual for secondary school teachers Izd. 2.
Leningrad, Gos. uchebno-pedagog. izd-vo, Leningradskoe otdnie, 1955. 185 p.
(55-59690)

Q033.Z5 1955

СМЕРЬ РАБ... КИТАЙ... ТЕКСТ... АОВ 4470

Card 1/2

L 57604-65

ZIBENCAR, Lev Avgustovich, kand. tekhn. nauk

[Descriptive geometry; abstract of lectures] Nachertatel'naya geometriia; konspekt lektsii. Moskva, izdatel'stvo radioelektroniki i gornoi elektromekhaniki, 1963. 67 p. (MIRA 18:6)

ZIBERKAS, B. L.

1471 K voprosu ispd'ozovaniya dolomitov Litovskoy SSR v proizvodstve ksilolita. Kaunas, 1954. 20 s. s graf. 20 sm. (M-Vo vyssh obrazovaniya SSSR. Litov. s-x. akad) 100 ekz. Bechla. -(54- 51106)

SO: Knizhaya Letopis', Vol. 1, 1955

ZIBERNA, V.

Contractual control of goods in Yugoslavia. Medun transp 9 no.
5:313-315 My '63.

ZIBERNA, V.

The port of Koper takes a more and more important place
in the system of Yugoslav ports. Medun transp 10 no.9:
14-16 S '64.

SIDEL'NIKOV, A., general-leytenant zapasa; ZIBEROV, I., general-mayor tankovykh voysk zapasa; SHIRYAYEV, I.; STROILO, I., polkovnik zapasa

"Through the storms" by S.Krivoshein. Reviewed by A.Sidel'nikov and others. Voen.vest. 40 no.4:122-126 Ap '61. (MIRA 14:7)

1. Byvshiy komandir 31-go kavaleriyskogo polka (for Sidel'nikov).
 2. Byvshiy nachal'nik shtaba 6-y kavaleriyskoy divizii (for Ziberov).
 3. Byvshiy voyenny komissar 2-y brigady 6-y kavaleriyskoy divizii (for Shiryayev).
 4. Byvshiy nachal'nik shtaba 6-y kavaleriyskoy divizii i razvedyvatel'nogo otdela shtaba 1-y Konnoy Armii (for Stroilo).
- (Russia--Revolution, 1917-1921--Personal narratives)
(Krivoshein, S.)

BOGORAD, A.I.; VAYNTRUB, I.A.; ZIBERT, A.G.

Prevention of industrial toe injuries. Ortop., travm. i protez.
no.9:72-73 '62. (MIRA 17:11)

1. Iz khirurgicheskogo otdeleniya (zav. - Ye.A. Berestetskiy)
meditsinskoy sanitarnoy chasti Ural'skogo zavoda tyazhelogo
mashinostroyeniya (glavnyy vrach - L.D. Volnova).

PROCESSES AND PROPERTIES INVOLVED

ACTION OF ANDROSTERONE AND DEHYDROANDROSTERONE ON THE
specific action of atropine, A. S. ZILBERMAN, *Ukrainsk. Med. Zh.*
Fakul'tet, 3, No. 4, 16-21 (1940).--Intramuscular in-
jection of 1-3 mg. androsterone or dehydroandrosterone:

twice daily ^{5.7036} for five days in male rabbits intensifies the action of atropine in the rabbit heart. Castrated rabbits also show increased atropine sensitivity after the 7-10 months, but not as much as when androsterone is given. Apparently androsterone and dehydroandrosterone act in this case as sterols, not as sex hormones.

J. F. Smith

118

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A 18-54-6 METALLURGICAL LITERATURE CLASSIFICATION

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PROCESSIES AND PROPERTIES INDEX

114

v Mechanism of the parasympatholytic action of alkaloids: platyphylline, seneciophylline, and senecionine. E. B. Babail and A. S. Zilber (Moscow Peoples Pedagogical Inst.). *Farmakol. i Toksikol.* 8, No. 6, 10-15(1945).—Platyphylline (I), seneciophylline (II), and senecionine (III) impede transmission of stimuli from vagus nerve to cardiac musculature. They do not prevent formation of acetylcholine at cardiac nerve tips. Tests with I at 20, II at 100, and III at 500 p.p.m. (activity indicated by dose) in isolated frog hearts show the atropine mechanism of parasympatholytic action. The Loewi-Navratil technique (C.A. 19, 262) was employed. Julian F. Smith

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

GROUP	SECTION	SUBSECTION	CLASSIFICATION
1	2	3	4

ZIBERT, E.V.

Vessels made from cow udders in collections of the Museum of
Anthropology and Ethnography of the Academy of Sciences of the
U.S.S.R. Sbor.Muz.ant.i etn. 14:93-97 '53. (MLRA 7:4)
(implements, utensils, etc.)

ZIBERT, K. N., (Prof.) -- Tomsk

"Spasm and Stenosis of the Cardia."

Report submitted for the 27th Congress of Surgeons of the USSR,
Moscow, 23-28 May 1960.

ZIBER, Vladimir Aleksandrovich; BARKOVSKIY, I.V., redaktor; GURDZHIYVA,
A.M., ~~tekhnicheskiy~~ redaktor

[Problems and experiments in physics] Zadachi-opyty po fizike;
posobie dlia uchitelei fiziki srednei shkoly. Izd. 2-e. Leningrad,
Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR,
1955. 185 p. (MIRA 8:7)
(Physics--Experiments)

ZIBER, V. A.

Zadachi-opyty po fizike [Problems and experiments in physics]. Moskva, Uchpedgiz, 1953. 188 p.

SO: Monthly List of Russian Accessions, Vol. 7 No. 2 May 1954.

ZIBER, V. A.

KAZACHENKO, A.S. (Moscow)

"Problems and experiments in physics." V.A.Ziber. Reviewed
by A.S.Kazachenko. Fiz. v shkole 14 no.3:78-79 My-Je 154.
(MLRA 7:7)
(Physics--Problems, exercises, etc.) (Ziber, V.A.)

ZIBERKAS, B. L.

"The Utilization of Dolomites by the Lithuanian SSR in the Production of Xylolith." Cand Tech Sci, Lithuanian Agricultural Acad, Min Higher Education USSR, Kaunas, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: Sum. No. 556, 24 Jun 55

LIPERMAN, E. M.