S/136/61/000/004/006/006 E073/E135

Investigation of the Bonding Between Titanium and Steel specially designed vertical tubular electric furnace (located under the press), which was preliminarily heated to temperatures at which the specimens were plastically deformed (700-1000 °C). temperature in the furnace was monitored by means of a regulating transformer and was recorded with a galvanometer; the temperature of the specimens was monitored by means of a contact thermocouple. Prior to heating, the specimens were preliminarily pressed together for 1 min under the press so as to eliminate the residues of air between the titanium and the steel. The heated specimens were pressed in a press capable of a maximum pressure of 12 tons at various temperatures, pressures and holding times. The influence was also investigated of the thickness of the titanium layer on the strength of the bond between the titanium and the steel; the best results were obtained for a titanium layer of about 2 mm thickness and therefore in the main experiments 2 mm thick titanium sheet was used throughout. After cooling in air, the specimens were removed from the tubular sleeve and used for machining from them tensile test specimens. By means of metallographic analysis, the zone of Card 2/8

S/136/61/000/004/006/006 E073/E135

Investigation of the Bonding Between Titanium and Steel contact was studied and the depth of the diffusion layer determined. The deformation temperature influences greatly the strength of the bond between the titanium and the steel. Fig.1 shows the bond strength, kg/mm², as a function of the bonding temperature (curve $1-12.75~\rm kg/mm²$, curve $2-8.50~\rm kg/mm²$, curve $3-4.25~\rm kg/mm²$). The dependence of the bond strength on the temperature for various pressures has approximately the same general character; the bond strength increases with increasing temperature, reaching a maximum at 1000 °C. In the temperature range 800-900 °C a decrease in the bond strength was observed. Apparently this is explained by the influence of the polymorphous a to β transformation of the titanium. The increase in the strength of the bond indicates formation of a brittle intermetallic zone. Fig.2 shows the influence of pressure on the bond strength between titanium and steel, bond strength kg/mm² vs. pressure, kg/mm² (curve 1 - cladding at 1000 °C, curve 2 - 900 °C, curve 3 - 800 °C, curve 4 - 700 °C). It can be seen that for all the cladding temperatures the bond strength increases with increasing cladding pressure.

\$/136/61/000/004/006/006 E073/E135

Investigation of the Bonding Between Titanium and Steel

At 1000 °C and 4.25 kg/mm² the specimens were pressed together for durations of 1 to 5 min. Fig.3 shows the influence of the duration (min) of pressure application on the bond strength, kg/mm². An increase in time to 3 min results in a decrease of the bond strength. A further increase in the duration of pressure application (4 to 5 min) did not have any appreciable influence on the bond strength. Simultaneous plastic deformation of titanium and steel produces complicated diffusion processes. The diffusion zone progresses to a depth which depends on the temperature and pressure of the deformation. Metallographic investigations enabled establishing the presence of a considerable diffusion zone; the dependence of this diffusion zone on the deformation temperature and pressure is plotted in Figs. 4 and 5. Fig.4 shows the dependence of the thickness of the diffusion zone of a bimetal Ti-steel strip on the temperature, depth of the diffusion layer 1 x 104 cm vs. 10 000/Tabs (curve 1 - 4.25 kg/mm², curve 2 - 8.5 kg/mm², curve 3 - 12.75 kg/mm²). Fig.5 shows the dependence Card 4/8

89493 S/136/61/000/004/006/006 E073/E135

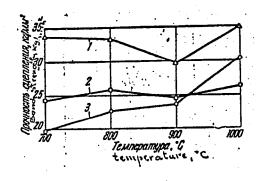
Investigation of the Bonding Between Titanium and Steel
on pressure, diffusion coefficient 10-9 cm²/sec vs. pressure, kg/mm²
(curve 1 - 1000 °C, curve 2 - 900 °C, curve 3 - 800 °C, curve 4 700 °C). The experimental results confirm the data obtained by
S. Storchheim (Ref.5) on the possibility of controlling the depth of
the diffusion zone by varying the applied pressure. The following
conclusions are arrived at: 1) The thickness of the titanium layer
did not have any appreciable influence on the strength of the bond
between titanium and steel. 2) The greatest strength of the weld
was obtained for a temperature of 1000 °C and a pressure of
12.75 kg/mm². 3) The depth of the diffusion zone depends on the
deformation temperature and the pressure, and by changing the
pressure it is possible to control the depth of the diffusion zone,
whereby the greater the pressure the less deep will be the diffusion
zone. There are 5 figures and 5 references: 3 Soviet and 2
non-Soviet.

(Abstractor's Note: This is a slightly abridged translation). ASSOCIATION: Moskovskiy institut stali (Moscow Steel Institute)

Card 5/8

S/136/61/000/004/006/006 E073/E135

Investigation of the Bonding Between Titanium and Steel

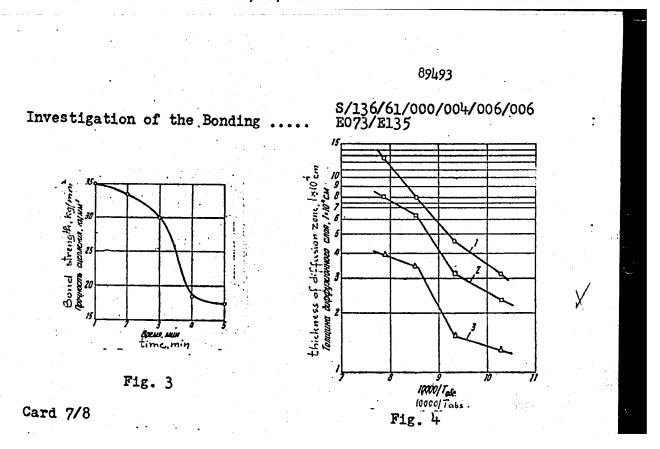


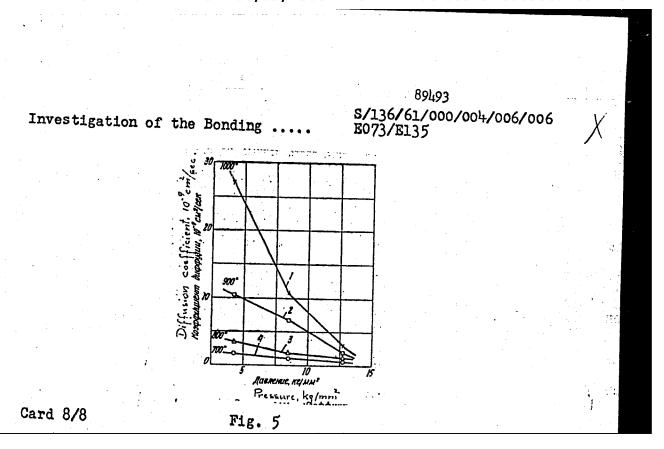
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Fig. 1

Card 6/8

Fig. 2





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S/136/61/000/011/006/007 E193/E135

AUTHORS:

Pavlov, I.M., and Brinza, V.N.

TITLE:

A study of deformation of titanium-clad steel

during rolling

PERIODICAL: Tsvetnyye metally, no. 11, 1961, 59-64

The object of the present investigation was to study TEXT: the effect of various factors on the strength of bond between the components of titanium-clad steel. The method of preparation of test pieces is best explained with reference to Fig.1, showing: 1 - two "Steel 2" plates; 2 - two Ti plates; 3 - end spacers; $oldsymbol{4}$ - rivets (preventing the relative movement of the pack components during rolling); 5 - a separating compound film. Prior to rolling, each pack was compressed in a 12-t press to ensure good contact between steel and Ti, and to expel from the pack as much air as possible. To protect the interior of the pack from oxydation during pre-heating and rolling, its edges were either arc-welded or sealed with a protective paste (unspecified). Magnesium shavings, acting as oxygen getters, were packed in the space between Ti plates and spacers. Preheating to 700-1000 °C Card 1/6 3

A study of deformation of Ti-clad ... S/136/61/000/011/006/007 E193/E135

was carried out in a protective atmosphere. A "360" two-high reversible plate mill was used for rolling. The form of test pieces used to determine the bond strength is shown in Fig. 8. The results can be summarized as follows: 1) The bond strength increased with increasing total reduction and with raising rolling temperature. This effect is illustrated in Fig. 2, where bond strength (kg/mm²) is plotted against total reduction $\frac{H-h}{H-h}$ 100%), curves 1-4 relating to rolling temperatures of 700, 800, 900 and 1000 °C respectively. 2) The lower the initial Ti/steel plate thickness ratio, the higher is the bond strength of the clad material. Maximum strength was attained when Ti constituted 11.1% of the total thickness of the pack before rolling. 3) The bond strength decreases slightly on increasing the rolling speed to 0.4 m/sec, after which it remains constant, 4) Although the thickness of the diffusion layer increases with increasing preheating time, the bond strength is not affected by this factor. 5) The greater the total reduction, the smaller is the difference between the reduction of steel and Ti plates. Card 2/1 3

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A study of deformation of Ti-clad ...

30656 \$/136/61/000/011/006/007 E193/E135

6) If excessively light drafts are employed in the first few passes, the pack components separate. 7) The larger the number of passes in which a given total reduction is attained, the higher is the bond strength. This is illustrated in Fig. 6, where the bond strength (kg/mm²) of a bi-metal strip, given 80% reduction, is plotted against the number of passes. The thickness of the diffusion layer is similarly affected, increasing from 0.0025 mm in a Ti-clad steel, given 80% reduction in one pass, to 0.0045 mm in material given the same reduction in 15 passes. 8) Welding of the edges of the pack can be dispensed with, since sufficient protection against oxydation is provided by sealing with a protective paint. 9) For maximum bond strength, the following procedure is recommended: pickle, buff, and degrease the contacting surfaces; preheat to 900-1000 °C; use a draft of at least 35% in the first pass, and follow by as many passes as practicable. There are 8 figures, 1 table and 9 references: 8 Soviet-bloc and 1 non-Soviet-bloc. The English language reference reads: Ref. 1: Bertossa, R.C. Iron Age, 1957, v.180, no.18.

ASSOCIATION: Moskovskiy institut stali (Moscow Steel Institute)

Card 3/8 3

PAVLOV, I. M.; BRINZA, V. N., inzh.

Lamination during the rolling of bi-metal. Sbor. Inst. stali i splav. no.40:152-158 '62. (MIRA 16:1)

1. Chlen-korrespondent AN SSSR(for Pavlov).

(Laminated metals—Defects)
(Relling(Metalwork))

S/848/62/000/040/003/005 E193/E483

AUTHORS:

Pavlov, I.M., Corresponding Member AS USSR,

Brinza, V.N., Engineer

TITLE:

Contribution to the problem of the bond of titanium to

steel in the solid state

SOURCE:

Moscow. Institut stali i splavov. Sbornik. 1962. Protsessy prokatki. 160-164

TEXT: The behaviour of the contact zone between titanium and steel bi-metal components under common plastic deformation was studied by the authors with particular reference to the formation of a diffusion zone and the properties of the transition zone. The experimental methods have been previously described by the same authors (Tsvetnyye metally, no.10, 1961). that with increasing pressure the thickness of the diffusion It is now found inter-layer diminishes. Beyond a critical pressure, the diffusion inter-layer thins out and may even vanish. The change in the thickness of the diffusion layer is associated with the phenomenon of its being squeezed out by the less pliable layers of titanium and steel. As the diffusion inter-layer becomes thinner its microhardness approaches that of titanium and steel. Card 1/2

Contribution to the problem ...

S/848/62/000/040/003/005 E193/E483

temperature in the interval between 700 and 1000°C has only a small effect. There are 6 figures.

Card 2/2

PAVLOV, I.M.; LEDENEV, Yu.N.; BRINZA, V.N.

Nonuniform deformation in the rolling of bimetals. Izv. vys. ucheb. zav.; chern. met. 5 no.7:110-113 '62. (MIRA 15:8)

1. Moskovskiy institut stali i splavov.
(Rolling (Metalwork)) (Deformations (Mechanics))

L 21737-65 EVT(m)/EWP(t)/EWP(b) IJP(c) JD

ACCESSION NR: AP4021565

\$/0136/64/000/003/0090/0091

AUTHOR: Brinza, V. N.; Lepekin, V. S.

TITLE: Repeated heatings of the titanium-clad steel

B

SOURCE: Tavetnyye metally, no. 3, 1964, 90-91

TOPIC TAGS: titanium clad steel, cladding steel transition zone, transition zone property, transition zone structure, clad steel annealing, diffusion zone

ABSTRACT: The effect of repeated heating at 400-1000C on the microhardness and the structure of the transition zone between titanium cladding and low carbon steel was investigated to determine the optimum annealing temperature for the titanium clad steel. The heating was done in a vacuum of 10 mm. My at a rate of 200C/hr. Annealing at 1000C changes the structure significantly - the diffusion zone consists of sharply differing phases, its plasticity is reduced sharply due to the formation of intermetallic compounds, the eutectic that is formed is brittle and porous, and the microhardness of titanium, especially at the diffusion zone, is sharply increased (Fig. 1). Annealing at 900C for 1 hr also impaired properties; repeated annealing at 750C (four 2 hr cycles) resulted in increased width

Cord 1/4 7

L 21738-65

ACCESSION NR: AP4021565

and microhardness of the transition zone due to the formation of intermetallic compounds. Only annealing at 450-5000 has no detrimental effects; on the contrary it lowers microhardness and improves physical properties in the transition zone: treatment at 4000 results in a slight decrease, only 3-5%, in the original strength of the bond between cladding and steel (Fig. 2). Orig. art. has: 3 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 02

SUB CODE: MM

NO REF SOV: 006

SOO REALTO

Card 2/4

LEDENEV, Yu.N., kand. tekhn. nauk, dotsent; PRINZA, V.N., kand. tekhn. nauk, dotsent; VAGIN, V.S., inzh.

Dynamometer for measuring torques on large-diameter shafts. Vest. mashinostr. 44 nc.11149-50 N 164 (MIRA 18:2)

BRINZA, Vladimir Nikolayevich; KOSHKA, Aleksey Petrovich

[Improving the performance of rolling mills for the cold rolling of sheet steel] Povyshenie proizvoditel'nosti stanov kholodnoi prokatki tonkolistovoi stali. Moskva, Metallurgiia, 1965. 138 p. (MIRA 18:5)

L 31807-65 EWT(m)/EWA(d)/EWP(t)/EWP(k)/EWP(b) Pf-4 CTAR BOOK EXPLOITATION S/

Koshka, Aleksey Petrovich; Brinza, Vladimir Nikolayevich

Equipment for cold-rolling mills (Oborudovaniye tsekhov kholodnoy prokatki)

Moscow, Netallurgizdat, 1964. 208 p. illus., biblio. Errata slip inserted,

2460 copies printed. Editor of the publishing house: N. R. Lanovskaya;

TOPIC TAGS: cold rolling, sheet, steel, sheet steel

PURPOSE AND COVERAGE: This book was intended for engineers and technicians who utilize cold-rolling equipment and for those who design such equipment. It may be of use to students specializing in the technology and the automation of the rolling process and rolling-mill construction. Problems of utilizing equipment for cold rolling thin strip are clarified, the design of machinery and mechanisms is analyzed, and certain questions in the mechanization and suitoms in the construction. It is analyzed are studied. The authors express their gratitude to Frofessor A. A. Korolev.

Card 1/2

I 31807-65 AM4045251 TABLE OF CONTENTS: Introduction - - 5 Ch. I. Briefly, the technology of producing cold-rolled, thin-cheet steel - 7 Ch. II. Equipment for removing scale from strip - . 28 Ch. III. Equipment in the rolling department - - 82 Ch. IV. Equipment in departments for heat treating cold-rolled, thin-cheet steel Ch. V. Equipment in the department for trimming cold-rolled, thin-cheet steel = + Literature - - 209 SUB CODE: MM SUBMITTED: QINov63 NR REF SOV: 027 OTHER: 025 Cord 2/2

ACC NR. A45015043 BOOK EXPLOSTATION UR/ Brinza, Vledimir Hikolayevich; Koshka, Aleksey Petrovich Relaing the productivity of mills for cold rolling thin-sheet steel (Povysheniye proisvod itel nesti stanov kholednoy prokatki tenkolistovoy stali) Mescow, Izd-ve "Metallurgiya", 1965. 138 p. illus., biblio. 2337 copies printed. Editor: of the publishing house: Yu. V. Vladimirov; Technical editor: N. A. Korsvina TOPIC TAGS: celd relling, sheet metal, rolling mill, steel manufacture process PURPOSE AND COVERAGE: This book was intended for engineers and technicians in rollingmill shops and for designers of rolling mills; it may be of use also to students in vuses studying the ferming of metals. The operation of cold-relling mills for sheet steel is analyzed. The technological processes involved in the production of sheet and factors influencing mill productivity are investigated. Measures to increase the productivity of individual mills are described. TABLE OF CONTENTS: Introduction - - 5 Che L. Special characteristics of mill design and design of shops for cold relling thin sheet - 7 MDC: 621.771.24

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    3. Reversing mills - - 13
    4. Multirell mills - - 15
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SUD CODE: 13/ SUBH DATE: 17Nov64/ ORIG REF: 060/ OTH REF: 028
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KOSHKA, A.P.; PEDOS, I.F.; BRINZA, V.N.

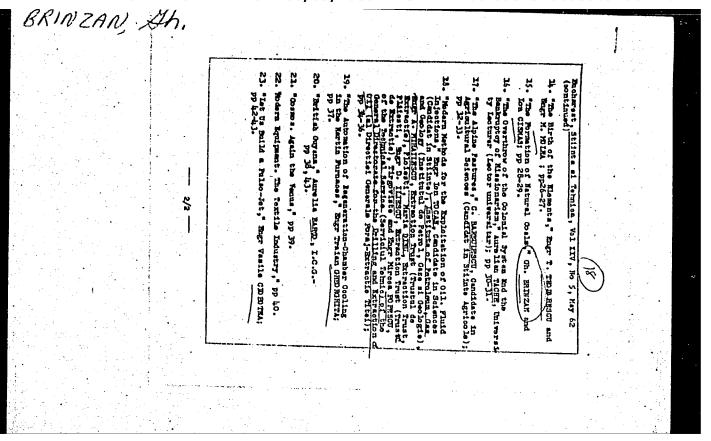
Making use of emulsions and lubricants from cold reliing mills.

Metallurg 10 no.8:28-29 Ag 165. (MIRA 18:8)

1. Novolipetskiy metallurgicheskiy zavod.

L 11626-66 EWT(m)/EWA(d)/EWP(t)/EWP(s)/EWP(b) IJP(c) ACC NRI AP6001106 SOURCE CODE: UR/0136/65/000/012/0077/0079 Brinza, V. N.; Lepekin, V. S. 4735 ORG: none TITLE: Protection of titanium alloys from oxidation SOURCE: Tsvetnyye metally, no. 12, 1965, 77-79 TOPIC TAGS: coating, protective coating, titanium alloy, alloy coating, titanium alloy coating, titanium alloy oxidation, oxide inhibition 4 41 53 ABSTRACT: A coating for protecting titanium alloys from oxidation during heating for pressure working has been investigated. The coating, consisting of 31-35% talc, 16—18% rutile, 8—10% borax, 12—14% Na_2CO_3 , 0.3% K_2CO_3 , and 17% coolin mixed with water, was applied by dipping. Coated specimens of BTIL BT14, and 074 titanium alloys were heated in air for 3 hr at 900—1200C or in a flow of O_2 , N_2 , and CO2. The weight loss of coated BT11, BT14, and OT4 specimens heated in air was 0.006, 0.8, and 0.4%, respectively, compared to 5-9% for uncoated specimens. The surface hardness of coated specimens increased by 15-20%, and that of uncoated specimens by 45-50%. The weight loss of uncoated specimens heated in a gas flow was about 10%, and that of coated specimens was 0.01-0.1%. The investigation showed that the properties of uncoated alloy heated in a vacuum furnace or coated alloy heated in an ordinary industrial furnace do not differ greatly. Orig. art. has: 1 figure. Card 1/2 UDC: 669.295:66.042.56

ACC NR: AP6001				
SUB CODE: 11/	SUBM DATE: none/	ORIG REF: 002/ OTH F	EF: 001/ ATD PRESS	1 4177
	함보이는 보고 보고 있다면서 많은 11번째 등 기반기를 받는다.			
	의 경기 기계 변경 약계 11. 경기 기계 기계 변경 약계			
	다리 아이트 그리는 화장하는 지나 아이들이 보고 있다. 14일			
ard 2/3				



BRINZAN, Gh.; CISMAS, Ion

Formation of natural coals. St si Teh Buc 14 no.5:28-29 My '62

NAICU, I., ing.; BRINZAN, I., ing.; CHACIUETSCU, I.

Method and device for measuring the real unitary compression stresses in concrete. Rev censtr si mat constr 16 no.4:203-204 Ap*64

FIORIAN, Petru, prof. (Dej); MARUSTERU, St., (Baia Mare); HERLING, C., student; PIRSAN, L.C., student (Bucuresti); IONESCU-TIU, C.; COSTACHESCU, C.V.; LAMBA, Stelian (Constanta); LIVIU, Petre (Pucioasa); STRATESCU, Ion, student; HRINZANESCU, V., elev (Constanta); KLIM, Bratu, student (Bucuresti); TEMPEANU, C. (Hunedorara); CALINESCU, Aurelian (Brasov); MUNTEANU, Valentin (Cluj); OPREA, Miron (Ploiesti); MIHAILEANU, N.; TIGANOIU, Al., inginer; Buicliu, Gh.; POPA, Eugen I. (Iasi)

Proposed problems. Gaz mat B 14 no.8:481-485 Ag '63.

1. Institutul Politehnic Bucuresti (for Herling).

FRINZANESCU, Vasile (Constanta)

Mathematical notes. Gaz mat B 15 no.1:14-16 Ja '64.

LATGU, D., prof. (Hunedoara); PETRESCU, N., prof. (Tg. Carbunesti); CERCHEZ, Mihu; ZENEMBISI, I., prof. (P. Neamt); TEODORESCU, Voltaire (P. Neamt); IONESCU-TIU, C.; TOMESCU, Ion (Bucaresti); DUMITREASA, Gh. (P. Neamt); MIHAILESCU, D., prof. (Pitesti); DUMITRU, Acu (Cluj); LEONTE, Alexandru (Bucaresti); ANGHELACHE, Tudorica (Bucaresti); POPA, Al. (Pucioasa); BRINZANESCU, V. (Bucaresti); LUSTIG, Gh. (Bucaresti); ISAC, E. (Tg. Jiu); LEVIN, Alexandru (Tallin, U.S.S.R.); SIMION, A. (Bacau); AVADANEI, Cornelia (P. Neamt); SIMIONESCU, Gh.D.; FLONDOR, Elena, (Bucuresti)

Proposed problems in mathematics. Gaz. mat B 15 no.4:172-177 Ap '64.

BRINZANESCU, V. (Constanta); DASCALESCU, H. (Ploiesti); IONESCU-TIU, C.;
ONOFRAS, E., prof. (Ploiesti); LEONTE, Aristide (Graiova); METTLER,
Martin, prof. (Viseu de Sus); LUPOVOC, M.L. (Lugansk, U.S.S.R.);
BIRZAN, Romanel (Cluj); GRIGORESCU, Serban (Bucuresti)

Solved problems. Gaz mat B 16 no.1:17-31 Ja 165.

LUCIAN, Otilia, dr.; SIMIONESCU, Olga, dr.; POMPAN, L., dr.; BOIAN, Alexandra, dr.; BRINZEI, A., dr.; JUVARA, A.N.; PESCARU, Ecaterina

Study of the effectiveness of different methods of treatment in lambliasis. Pediatria (Bucur.) 14 no.3:265-271 My-Je *65.

1. Lucrare efectuata in Institutul, dr. I. Cantacusino, Sectia parazitologie, Institutul medico- farmaceutic, Bucuresti; Catedra de parazitologie si Spitalul de copii 23 August, Sectia de parazitologie.

IONESCU-TIU, C.; BRINZEI, P. Dan, elev (lasi); ATANASIU, Ionel, prof. (Gugesti); SULA, Octavian (lasi); MAREI, Augustin I. (Cluj); MIHALASCU, D. (Pitesti); POPA, Al., elev (Pucioasa)

Exercises and problems proposed for grades 5-8. Gaz mat B 14 no.8:486-488 Ag '63.

BRINZEU, P.; RUSSO, I.; MARCU, M.; REKASI, C.

Intestinal infarction of venous prigin. Rumanian M. Rev. 4 no.1: 88-90 Ja-Mr. 60.

1. 2nd Surgical Clinic of the Medical Institute in Timisoara.
(INTESTINES blood supply)
(INFARCTION etiol.)

HULIAHIA

BRINZEU, P., Lecturer.

Institute of Medicine and Pharmacy, Timisoara (I.M.F., Timisoara)

Bucharest, Viata Medicala, No 20, 15 Oct 63, pp 1377-1382

"The Possibilities and Limitations of Present-Day Treatment of the Varicose Disease."

BRINZEI, P., conf.; SELARU, M., dr.

Data on the reintegration of reflexes after epileptic seizures. Neurologia (Bucur) 10 no.2:119-122 Mr-Ap'65.

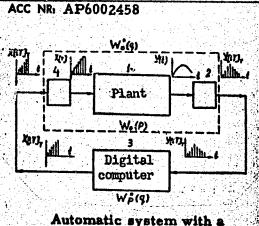
1. Lucrare efectuata in Clinica de psihiatrie, Iasi.

SHEVTSOV, Dmitriy Nikolayevich; YURCHENKO, L.I., red.; BRIO,I.L., spets. red.

[Conditions governing the application of the combined method for the development of permafrost placers] Uslovia primerienia kombinirovannogo sposoba razrabotki vechnomerzlykh rossypei. Magadan, Magadanskoe knizhnoe izd-vo, 1964. 29 p. (MIRA 18:3)

L 23510-66 EWP(k)/EWI(d)/EWP(h)/EWP(v)/EWP(1) ACC NR. AP6002458 SOURCE CODE: UR/0144/65/000/012/1324/1330 AUTHOR: Balakirev, V. S. (Candidate of technical sciences, Senior research 52 associate, Member of automation of chemical production department); Brio, B. S. (Engineer, Member of automation of chemical production department ORG: Moscow Institute of Chemical Machine Building (Moskovskiy institut khimicheskogo mashinostroyeniya) TITLE: Determination of settings for digital controllers SOURCE: IVUZ. Elektromekhanika, no. 12, 1965, 1324-1330 TOPIC TAGS: digital controller, automatic control, automatic control system, automatic control theory ABSTRACT: The inclusion of a digital computer into a closed-loop automatic control system turns the latter into a pulse-type relay system and renders inapplicable conventional methods of calculating the settings for continuous linear controllers (proportional, integral, or proportional-integral). The dynamic properties of plant I (see figure) are described by this transfer function: $W_{\bullet}(p) =$ UDC: 681.142.3+62-502





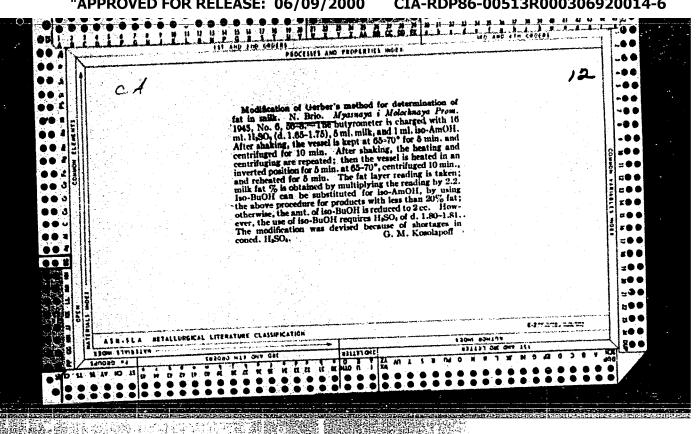
Automatic system with a control digital computer

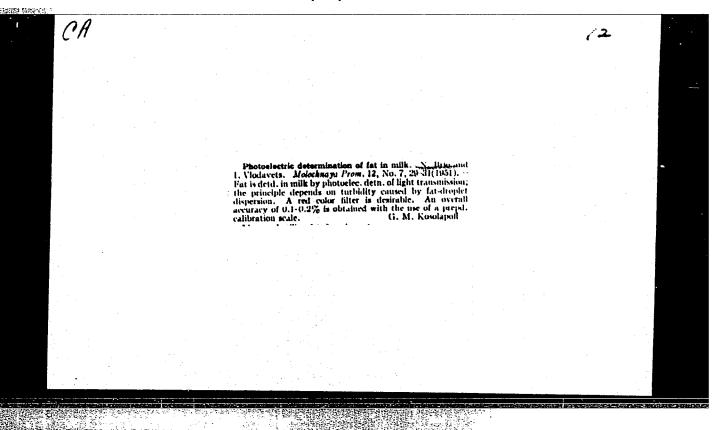
2 figures and 26 formulas.

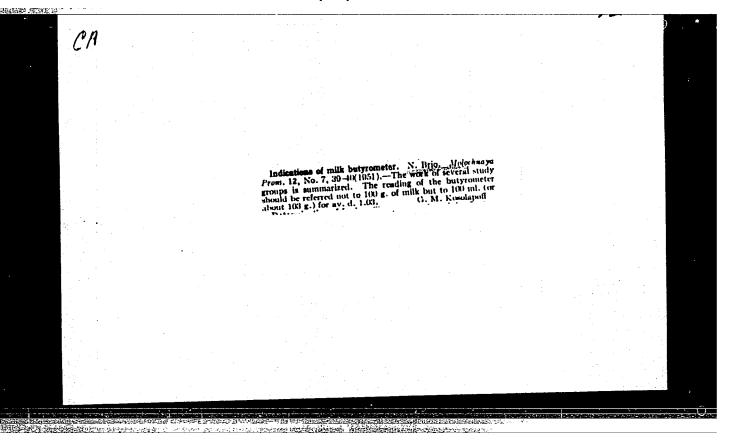
SUB CODE: 09, 13 / SUBM DATE: 18Nov64 / ORIG REF: 007

 \mathcal{C} , T_m , $m = 1, 2, \ldots$, and n are known positive numbers; usually, n

3. Continuous plant output y(t) is applied to analog-digital converter 2 which level-quantizes the signal. The control response is applied to digitalanalog converter 4 (e.g., a pulse-signal shaper). The well-known method of generalized amplitude-phase characteristics (used for determining the settings of continuous linear controllers) is adapted for the above control-computer case, and formulas for setting a proportional-integral controller are developed. A procedure for calculating the settings is indicated. Orig. art. has:







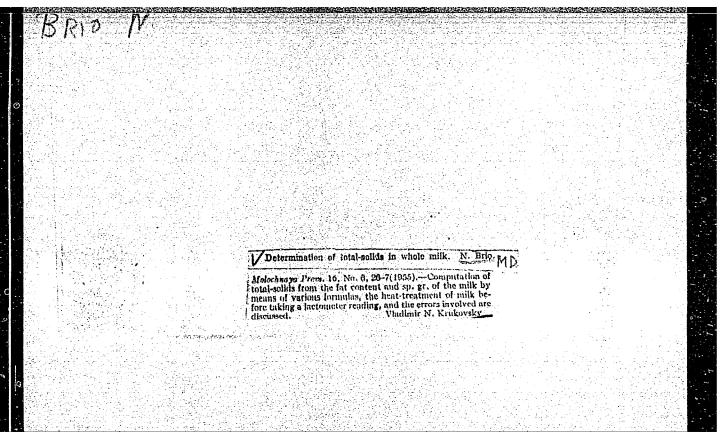
BRIO, N.P.

Posobie dlia laborantov molochnykh zavodov (Manual for laboratory workers in milk plants). Moskva, Pishchepromizdat, 1952. 110 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

- 1. BRIO. N.
- 2. USSR (600)
- 4. Butter Analysis and Examination
- 7. Determining salt content of butter. Mol. prom. 13 no. 10, 1952.

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



INIKHOV, Georgiy Sorgeyevich, Zasl. deyatel' nauki i tekhniki, doktor khim. nauk, prof.; BRIO, N.P., retsenzent; SEMENETS, Z.F., retsenzent; BOGATAYA, L.M., red.; ZARSHCHIKOVA, L.N., tekhn.

[Biochemistry of milk and milk products]Biokhimiia moloka i molochnykh produktov. 2. izd. Moskva, Pishchepromizdat, 1962.

(MIRA 15:12)

(Dairy products—Analysis and examination)

BRIO, Nataliya Petrovna; KONOKOTINA, Nadezhda Petrovna; TIOV Aleksandr Ivanovich; PICHUGINA, N.V., inzh., retsenzent; CHEKULAYEVA, L.V., kand. tekhn. nauk; BOGATAYA, L.M., red.; ZARSHCHIKOVA, L.N., tekhn. red.

[Production and chemical control in the dairy industry] Tekhnokhimicheskii kontrol' v molechnoi promyshlennosti. Moskva, Fishchepromizdat, 1962. 395 p. (MIRA 16:6) (Milk-Analysis and examination) (Dairy industry-Quality control)

Microbiology

YUGOSLAVIA

ERION, A.; FONTAINE, M.; FONTAINE, M.P.; and LeFrancois-Chabas, D.; Poultry Pathology Laboratory INRA of Veterinary College in Alfort, and Poultry Experimental Station in Poufragan, France [Original versions of affiliations not given].

"Immunogenicity of a New Strain of Newcastle-Disease Virus."

Belgrade, Veterinarski Glasnik, Vol 20, No 7, 1966; pp 505-507.

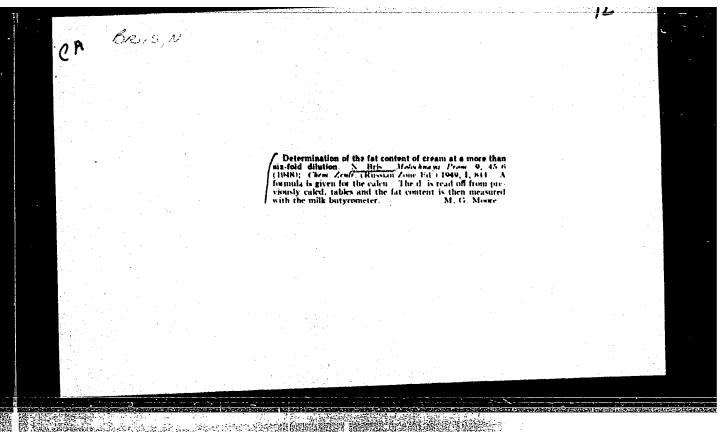
Abstract [French summary modified]: A new strain of NDV, selected from chick fibroblast tissue-culture isolates, seems to possess properties which would make it a very reasonable choice for a live vaccine against this poultry scourge. Three tables, 7 US references; manuscript received 23 May 66.

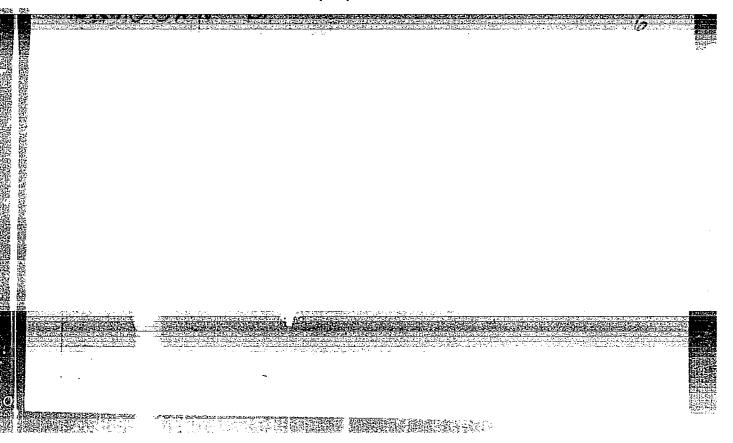
1/1

LUNKEVICH, P.N., zaslushennyy zootekhnik RSFSR,;BRION, Ye.

Increasing butterfat in purebreeding. Zhivotnovodstvo 20 no. 10:53-(MIRA 11:10) 59 0 158.

1. Glavnyy zootekhnik Krymskogo oblasl'khozupravleniya(for Lunkevich). 2. Direktor Krymskogo Gosplemrassadnika krasnogo stepnogo skota(for Brion). (Dairy cattle breeding)





SOV/110-59-4-4/23

Fedorenko, V.G., Kuznichenko, A.N., Prikhod'ko, A.I., Brisenko, V.K., Morozenko, V.Ya. (Engineers)

TITLE: Production Flow Lines for Bushings and Bracket Insulators (Potochnyye linii proizvodstva proknodnyku i cpornykh

izolyatorov)

AUTHORS:

PERIODICAL: Vestnik Elektropromyshlennosti,1959,Nr 4,pp 12-16 (USSR)

ABSTRACT: Flow lines for bushing and bracket insulator production have been installed at a number of insulator works but they do not cover the whole process of manufacture and usually terminate at the turning process. The production lines described in this article use belt conveyors along which the various machines and ovens are located; the lines are illustrated in Fig 1. The raw material is delivered on a conveyor, it is then extruded and the parts are cut to length and immediately turned on lathes. They are then conveyed to the drying ovens. The dried insulators are inspected for cracks and moisture content. The glazing procedures are somewhat different for insulators and bushings but both operations are served by the conveyor belt. A photograph of the production lines is given in Fig 2 and the bushing glazing section is shown in Fig 3.

"APPROVED FOR RELEASE: 06/09/2000

Production Flow Lines for Bushings and Bracket Insulators

Available conveyor type ovens are only suitable for drying times of the order of 4 hours and are, therefore, 24 hours drying time. It was, therefore, decided to construct three such conveyors in series to form a single are described. Steam injection was used to retard the insulators have been turned in two operations which have Card 2/2 diagramatically in Fig 4 and is explained.

SUBMITTED: December 22, 1052

AUTHORS:

Fedorenko, V.G., Kuznichenko, A.N., Prikhod'ko, A.I., Brisenko, V.K., and Morozenko, V.Ya. (all Engineers)

TITLE: Mechanised Flow Lines for the Manufacture of Telephone and Telegraph Insulators

PERIODICAL: Vestnik elektropromyshlennosti,1959,Nr 9,pp 28-30 (USSR) ABSTRACT: The usual methods of manufacturing small telephone and other insulators involves the use of gypsum moulds and is very laborious. The first step in mechanisation is to use metal moulds, which were first introduced in the Tokarovskiy Works in 1957. A semi-automatic moulding machine is now in use with telescopic metallic moulds. The machine and moulds are operated by compressed air at The inner part of the moulding tool rotates first in one direction, then in the other, and cuts rotates in one direction only. The outer part of the tool The tool moves backwards and forwards as well as rotating. This semi-automatic moulding machine can produce up to 4000 insulators a shift. In addition to this machine there is a pneumaticallyoperated trimming lathe of the same output. from the moulding and trimming machines is immediately Waste clay returned to the vacuum press on the return half of the

Mechanised Flow Lines for the Manufacture of Telephone and Telegraph

conveyor belt. Thus the scrap pieces are always quickly used and do not have time to become dry or dirty. Thuringia-type conveyor driers 19 metres long are used to dry the insulators. The insulators are glazed on semiautomatic roundabout machines illustrated in Fig 2; the principles of operation are briefly described. As will be seen from the general illustration of the flow line given in Fig 3; all the work is handled on conveyors. The introduction of mechanisation has cut production time by two days and only a third of the former number of workers is required. Immediate and continuous use of factor of 1.2. There are 3 figures and 2 Soviet references.

Card 2/2

FEDORENKO, V.G., ingh.; KUZNICHENKO, A.N., ingh.; PRIKHOD'KO, A.I., ingh.

BRISENKO, V.K., ingh.; MOROZENKO, V.Ya., ingh.

Continuous line for the production of porcelaine used in electric equipment. Vest.elektroprom. 31 no.1:58-59 Ja '60.

(Assembly-line methods) (Porcelain)

SOV/120-58-5-13/32

AUTHORS: Brish, A.A. Dmitriyev, A.B., Kosmarskiy, L.N., Sachkov, Yu.N., Sbitnev, Ye.A., Kheyfets, A.B., Tsitsiashvili, S.S.,

TITLE: A Vacuum Spark Switch (Vakuumnyye iskrovyye rele) PERIODICAL: Pribory i tekhnika eksperimenta, 1958, Nr 5, pp 53-58

ABSTRACT: The device consists of an evacuated glass envelope which contains 3 electrodes (see the general diagram of Fig.1). The principal discharge gap comprises a complex cathode consisting of two electrodes which form an auxiliary discharge gap. The two cathode electrodes are separated by means of a fine mica plate; when a triggering pulse is applied, a discharge is formed on the surface of the mica. Fig.2 shows 6 alternative solutions of the electrode systems of vacuum spark switches. Fig.3 shows photographs of actual switches (tubes 4, 5, 6 and 7) and photographs of 3 thyratrons (tubes 1, 2 and 3) for the purpose of comparison. The basic parameter of a switch is its anode voltage V , its operating current I and its triggering breakdown voltage V_{η} . The anode operating voltages up to 20 kV could be obtained with a discharge gap of 1 mm. The values of the

A Vacuum Spark Switch

SOV/120-58-5-13/32

discharge current are determined primarily by the external parameters of the circuit in which the switch is employed. The currents can be very high since the tube is "extinguished" at a current of about 20 A. The energy required for the initiation of the main-gap breakdown is very small. Thus capacitance of about 5 mt, but the energy stored in a be at least 1500 V. The switch is subject to some time delays. The overall delay is T = t₁ + t₂ + t₃, where t₁ is the time between the commencement of the triggering pulse and the inception of the trigger gap discharge; t₂ is the time lag between the commencement of the auxiliary discharge and the inception of the main-gap discharge, and time delays are illustrated graphically in Fig.4. In actual order of 0.03 µs. The electrical characteristics of a spark

SOV/120-58-5-13/32

A Vacuum Spark Switch

switch are affected by the number of switchings performed. This is illustrated in Fig.ll, which shows the ignition voltage of the auxiliary gap as a function of the number of switchings N : it is seen that the voltage decreases with N . The paper contains 11 figures and no references.

SUBMITTED: November 15, 1957.

Card 3/3

24.1200,16.7600,24.2100, 24.2120,24.2500,5.3610

76966 \$0v/56-37-6-6/55

AUTHORS:

Brish, A. A., Tarasov, M. S., TSukerman, V. A.

TITLE:

Electrical Conductivity of the Explosion Products of

Condensed Explosives

PERIODICAL:

Zhurnal eksperimental'noy i teoreticheskoy fiziki,

1959, Vol 37, Nr 6, pp 1543-1550 (USSR)

ABSTRACT:

The electrical conductivity of the explosion products of trinitrotoluene + hexogen (1:1 by weight mixture) melt and powdered mixture, hexogen (powder), tri-

nitrotoluene (powder), 2,4,6-trinitrophenyl-methylnitramide,

and lead azide was investigated by the electrical contact and electromagnetic methods. Near the wave front the conductivity of the explosives lies between 0.1

 $\Omega^{-1}\text{cm}^{-1}$ and $\text{f}\,\Omega^{-1}\text{cm}^{-1}.$ With an increase in the distance from the front, the conductivity of the explosion products decreased. The conductivity increased with the increase in the density of the explosives and the intensity of

Card 1/2

the detonation wave. It is proposed that besides thermal

Electrical Conductivity of the Explosion Products of Condensed Explosives

76966 SOV/56-37-6-6/55

ionization the high values of the electric conductivity may be related to the high densities and pressures appearing at the front of the detonation wave. K. K. Krupnikov and G. M. Gandel man participated in the experimental part of this work. There is a description (with two schematic diagrams) of the two methods of measuring the conductivity, 5 graphs, 1 table, and 5 Soviet references.

SUBMITTED:

July 4, 1959

Card 2/2

BRISH, A.A.; TARASOV, M.S.; TSUKERMAN, V.A.

Electric conductivity of dielectrics in strong shock waves. Zhur. eksp. i teor. fiz. 38 no.1:22-25 Jan '60. (MIRA 14:9) (Dielectrics) (Shock waves)

ACC NR. AP7000650

SOURCE CODE: UR/0414/66/000/003/0132/0133

AUTHOR: Brish, A. A. (Moscow); Galeyev, I. A. (Moscow); Zaytsev, B. N. (Moscow); Sbitnev, Ye. A. (Moscow); Tatarintsev, L. V. (Moscow)

ORG: none

TITLE: Initiation of detonations in condensed explosives with a laser

SOURCE: Fizika goreniya i vzryva, no. 3, 1966, 132-133

TOPIC TAGS: laser, ignition, explosive, solid propellant, combustion, detonation,

laser detonation

ABSTRACT: Previous experiments have shown that strong light pulses from gas discharge lamps can initiate detonations of primary but not of secondary explosives. The present study showed that detonations of lead azide and PETN can be induced by a Q-modulated laser. The laser contained a neodymium glass plate (10 x 120 mm) and was Q-modulated with a rotating prism (25,000 rpm). The starting pulse was recorded on one track of an OK-21 oscillograph. The signal from another photocell recorded on the second track indicated the instant when the detonation wave reached the end of the charge. The explosives with a 1 g/cm3 density were placed in an organic glass shell with a 10 mm inner diameter and a height of 5 mm. The starting pulse had an energy of 10 Mw, a duration of 0.1 msec, and a beam diameter of 15 mm. The lead azide was detonated with a laser beam energy on the surface of 0.08 Mw/mm2, while the

1/2 Card

UDC: 534.222.2+541.427.6

charge placed behind	D=110 -111-0-	also showed that transition to detonation is as fast as in impact-detonated charges. This was proved by using the charge detonated by the laser to detonate a second					
charge placed behind it. Orig. art. has: 2 figures.							
SUB CODE: 21/ SUBM	DATE: 20Jan66/	OTH REF:	004/ ATD PRESS:	5108			
					569.5		

BRISH, N. I.

"Boundary Problems for Ordinary Differential Equations With a Small Parameter in the Highest Derivative." Cand Phys-Math Sci, Mathematics Inst imeni Steklov, Moscow, 1953. Dissertation (Referativny, Zhurnal--Matematika Moscow, Feb 54)

SO: SUM 186, 19 Aug 1954

BRISH, N.I.

Boundary value problems for the equation $\xi y'' = f(x,y,y')$ with small values for ξ . Dokl.AN SSSR 95 no.3:429-432 Mr '54. (MLRA 7:3)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.

Predstavleno akademikom I.G.Petrovskim. (Equations)

85502

S/044/60/000/008/014/035 C111/C222

16.3400

AUTHOR: Brish, NoIo

TITLE:

On the first boundary value problem for an ordinary

differential equation with a small parameter for the highest

derivative

PERIODICAL: Referativnyy zhurnal. Matematika, no.8, 1960, 94,

abstract no.8903. Uch. sap. Minsk. gos. ped. in-ta, 1957,

TEXT: On the interval [a,b] the author considers the solution $y_{j}(x)$ of the equation

 $L_{\xi}(y) = \xi(-1)^{n} (p_{n}(x)y^{(n)})^{(n)} + \sum_{k=0}^{n-1} (-1)^{k} (p_{k}(x)y^{(k)}(x))^{(k)} = f(x)$

 $(\xi > 0)$ with the boundary conditions

 $y_{\xi}^{(k)}(a) = y_{\xi}^{(k)}(b) = 0$ (k=0,1,...,n-1), (2 as well as the solution u(x) of the corresponding degenerated ($\xi=0$) (2)

 $L(u) = \sum_{k=0}^{n-1} (-1)^k (p_k(x)u^{(k)})^{(k)} = f(x)$ (3)

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03502 S/044/60/000/008/014/035 C111/C222

On the first boundary value. . .

with the boundary conditions

$$u^{(k)}(a) = u^{(k)}(b) = 0 (k=0,1,...,n-2).$$
 (4)

On [a,b], $p_k(x)$ has a continuous $(k+2)^{nd}$ derivative, and $p_n(x)$ has a continuous n-th derivative, f(x) has a continuous second derivative. Besides, the following conditions are satisfied on [a,b]: $p_n(x) > 0$,

$$p_{n-1}(x) \ge 0$$
, $p_k(x) \ge 0$ (k=1,2,...,n-2),

$$4\sum_{k=1}^{n-1} \frac{(2k-1)[2(k-1)!!]^2}{(b-a)^{2k-1}} \min p_k(x) + M_0(b-a) > 0$$

 $(M_0 = 0 \text{ if } p_0(x) \ge 0 \text{ on } [a,b]$, and $M_0 = \min p_0(x) \text{ in the other case}$. It is shown that under these assumptions the solution of (1) which satisfies (2) is representable in the form $y_{\xi}(x)=u(x)+z(x,\xi)+v(x,\xi)$, where u(x) is a solution of (3) which satisfies (4), and

Card 2/3

89542

s/044/60/000/008/014/035 C111/C222

On the first boundary value...

$$|z^{(k)}(x, \varepsilon)| < c_0 \sqrt{\varepsilon} \quad (k = 0, \dots, n-2),$$

$$|z^{(n-1)}(x, \varepsilon)| < |u^{(n-1)}(a)| e^{-\sqrt{\frac{m}{\varepsilon}}(x-a)} +$$

$$+ |u^{(n-1)}(b)| e^{-\sqrt{\frac{m}{\varepsilon}}(b-x)} + \sqrt{\varepsilon} c_1 \left(m = \frac{\min p_{n-1}(x)}{\max p_n(x)}\right),$$

$$|v^{(k)}(x, \varepsilon)| < \sqrt{\varepsilon} c_2 \quad (k = 0, 1, \dots, n-1),$$

the c₀,c₁,c₂ do not depend on ε . The result is an improvement (some assumptions of smoothness are omitted) of a result obtained by the author in an earlier paper (R.zh.Nat, 1959, 6888).

[Abstracter's note: The above text is a full translation of the original Soviet abstract.]

Card 3/3

"APPROVED FOR RELEASE: 06/09/2000 CI

CIA-RDP86-00513R000306920014-6

BRISH, N.I.

Fourier's method for differential equations of the fourth order containing a second derivative with respect to time. Dokl. AN BSSR 6 no.1:9-13 Ja '62. (MIRA 15:2)

1. Belorusskiy gosudarstvennyy universitet imeni V.I.Lenina, Predstavleno akademikom AN BSSR V.I.Krylvym.
(Differential equations)

BRISH, N.I.; VALESHKEVICH, I.N.

Fourier method for solving differential equations containing a second derivative with respect to time. Dokl. AN SSSR 146 no.6:1247-1250 0 *62. (MIRA 15:10)

BRISH, N.I.

Classical solution to mixed problems for nonstationary equations.

Dif. urav. 1 no.4:523-528 Ap '65. (MIRA 18:5)

1. Belorusskiy gosudarstvennyy universitet imeni Lenina.

-BRISH, N.K.

SHELYASTIN, Vasiliy Nikolayevich, inzhener; BRISH, N.K., inzhener, redaktor; BOBROVA, Ye.H., tekhnicheskiy redaktor

[Storing coal in uncovered piles] Opyt khraneniia uglia v shtabeliakh. Moskva, Gos.transp.zhel-dor.izd-vo, 1957. 50 p. (MIRA 10:9) (Coal--Storage)

BRISH, V.N.; DANILYA K, N.I.; TUMANOV, B.A.

Combined porudction of starch and alcohol. Spirt.prom. 26 no.8: 29-32 '60. (MIRA 13:11)

(Starch) (Alcohol)

BRISH, V.N., DANILYAK, N.I.

Utilize alcohol plants for the establishment of cannery sections. Kons.i ov. prom. 16 no.2:36-39 F 161. (MIRA 14:4)

1. L'vovskiy sovnarkhoz.
(Lvov Economic Region—Canning industry)

BRISH, V.N.; DANILYAK, N.I.; TUMANOV, B.A.

Combined production of starch and alcohol. Sakh.prom.35 no.3:65-67
Mr '61. (MIRA 14:3)

1. L'vovskiy sovnarkhoz. (Starch) (Alcohol)

AMBARTSUMYAN, A.P.; BRISK M.I.: LISTENGARTEN, B.M.; PIRVERDYAN, A.M.

Effect of petroleum viscosity on the effectiveness of water flooding. Azerb.neft.khoz. 35 no.8:19-22 Ag '56. (MLRA 9:10)

(Oil field flooding)

BRISKER, A.D., dotsent

Content of trace elements (copper and manganese) in the blood of patients with food toxinfections of various etiology. Sov. med. 28 no.7:39-44 Jl *64. (MIRA 18:8)

1. Kafedra infektsionnykh bolezney (zav. - dotsent A.D.Brisker) Chelyabinskogo meditsinskogo instituta; nauchnyy konsul'tant raboty - prof. K.V.Bunin.

BRISKER, A.D., dotsent

Clinical aspects of alimentary toxinfections caused by staphylococci, Escherichia coli and Morgan's bacillus. Sov. med. 28 no.9:71-75 S 165. (MIRA 18:9)

1. Kafedra infektsionnykh bolezney (zav. - dotsent A.D.Brisker) Chelyabinskogo meditsinskogo instituta, nauchnyy konsul'tant raboty - prof. K.V.Binin.

BRISKER, A. D.

"Data Concerning the Problem of the Formation of Toxic Muscular Infections." Cand Med Sci, Kazakh State Medical Inst, Alma-Ata, 1954. (RZhBiol Khim, No 6, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

COUNTRY : USSR

CATEGORY : Microbiology

ABS. JOUR. & Ref Chur-Biologiya, No.4, 1959. W. 14836

AUTHOR

Brisker, A.D. Chelyabinsk Medical Inst. INST.

TITIE Intensity of Multiplication of Different Re-

presentatives of the Typhoid and Dysentery

Groups on Several Food Substances.

MIG. PUB. : V sb.: Materialy Mauchn. konferentsii Chelyab.

ned. in-ta, posvyashch. 40-letiyu Velitov okt. sots, ravolvutsii Chelvabinsk, 1958, 7-9, in a study of the growth dynamics of typhoid, ARSTRACT

paratyphoid B, Gaertner's, intestinal, Eruze-Sonne, and Grigor'ev-Shiga bacilli > 10%, 25%. and 50% autoclaved chopped meat and meat broth and on 10% potato broth autoclaved at 25 degrees, it was established that the intestinal, Gaertner, and Sonne bacilli multi-

plied the most vicorously. The concentration of the media did not influence the intensity

of multiplication. On potato medium repro-

CARD: 1/3

COUNTIFY CATEGORY

. ABS. JOUR.

AUTHOR INST. TITLE

No. 14836

ORIG. PUE.

ABCTRACT

Iduction of the intestinal bacilli and the Sonne organism was retarded, but growth of the typhoid organism was promoted. For a colony count 1 ml of liquid medium and 1 m of the solid medium were seeded. No adsorption of bacteria was observed on the chopped meat. A significant growth of bacteria was not obtained from the cultivation of washings from the solid residue of food substance.

The author suggests that their multiplication

CARD:

2/3

COUNTRY CATEGORY :

ABS. JOUR. : 14356

AUTHOR : INST. : TITLE :

ARSTRACT : was due to the assimilation of water-soluble substances of the ment or potato substrate. -- E.B. Gurbieh

CARD!

3/3

MATOVSKIY, I.M.; EBERT, L.Ya.; BRISKER, A.D.

Second Scientific and Practical Conference on the study of the influenza epidemic in Chelyabinsk in 1962. Vop.virus. 7 no.62 757-758 N-D '62. (MIRA 16:4) (CHELYABINSK_INFLUENZA_CONGRESSES)

EBERT, L. Ya., doktor med. nauk; BRISKER, A.D.; RABKINA, S.A.

Data on the use of dibazol for the prevention of influenza in children's collectives during the 1962 epidemic. Kaz. Med. Zhur. no.6:44-45 '62. (MIRA 17:5)

1. Chelyabinskiy meditsinskiy institut i Chelyabinskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya (glavnyy vrach - N.V. Shelepova).

£::-

BRISKER, A.S.

Temperature dependence of the electrical parameters of single-pair rural communication cables. Vest. sviazi 24 no.7:8-10 Jl '64'.

(MTRA 17:9)

1. Starshiy inzh. Nauchno-issledovatel'skogo instituta gorodskoy i sel'skoy telefonnoy svyazi.

KLIMOVSKIY, Ye.M., insh.; BRISKER, I.Ye., insh.

Progressive methods for organizing the repair of building machinery. Stroi. truboprov. 5 no.9:3-5 S 160. (NIRA 13:9) (Building machinery-Maintenance and repair)

MASLYANSKIY, G.N.; RABINOVICH, G.L.; BRISKER, K.L.

Catalytic dealkylation of isomeric xylenes. Neftekhimia 4 no.3:426-430 My-Je *64. (MIRA 18 2)

1. Vsesoyuznyy nauchno-issledovatel skiy institut neftekhimi-cheskikh protsessov.

DISTINCTION AND AND AND AND AND AND AND AND AND AN	J/ 47 LUL
*Blokhimiya" Vol XIII, No 2,/85-/92. Reports experiments on rate and mice. Both normal and malignant tissues contain active, water-sclubic adenceinetriphosphatase, which detaches 2 phosphate molecules from adenceinetriphosphoric acid, optimum pH being 7.0-7.2. Activated by magnesium ions in concentration 10-3 M. Activity of water extracts per unit weight of raw tissue is as follows. Mice: 3/107631 USSER/Medicine - Tumors, Malignant (Contd) Mar/Apr 48 kidney, spleen, muscles, lungs, liver, tumor (Groker sardoms), skin, tumor (Ehrlich cencer). Rate: liver, phatase of skin is negligible in rate, but clearly manifested in mice. Submitted 17 Sep 47. 3/49781	USSR/Medicine - Tumors, Malignant Mar/Apr 48 Medicine - Tumors, Skin "Water-Soluble Adenosingtriphosphatase of Normal and by Malignant Tissues," I. B. Barskiy, N. A. Brisker, Biochem Lab, Cen Oncological Inst, Moscow, 72 pp

RISKER, N. A.		PA 63/49T
	Bee See	
	Blokhim" Volumential adenous in ilar in no tivity in several administration of the nonsoluble meal albuments as 182 and 1888 and	Medicine -
	Volumens	cine cine triph Insc Tumc
	XIV, sintr solub mal ral (CC) of	Add Hublingship Ker, 11
	"Blokhim" Vol XIV, No 3,284-290. Beneral adenosintriphosphate activity and the distribution of soluble and insoluble fractions is similar in normal organs and malignant tumors. Activity in several organs (liver, brain, etc.,) of UBSR/Medicine - Adenosintriphosphate May/Jum 49 (Contd) the nonsoluble residue is so small that it can be only doubtfully connected to the so-called structural albumens of the myosin type. Submitted	USER/Medicine - Adenosintriphosphate May/Jun 49 Medicine - Tumor "Adenosintriphosphate Activity of Aqueous Extracts and Water Insoluble Residue of Normal Tissues and Malignant Tumors in Mice and Rats," I. B. Zbarskiy and N. A. Brisker, Biochem Lab, Cen Oncol Inst,
	phate dins single (14) phate dins sing (14) phate single (14) phate single (15) phat	intriphosphate Activity of Aque sidue of Normal ce and Rats," I. chem Lab, Cen Onc
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	hate brai	Agu Agu Tinal I I I
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(497)	nd the di tions is tumors. A etc.,) o 63/49739 ay/Jum 49 ay/Jum 49 atcan b led stran	/Jum h9 Extract sucs and Zbarski Inst,
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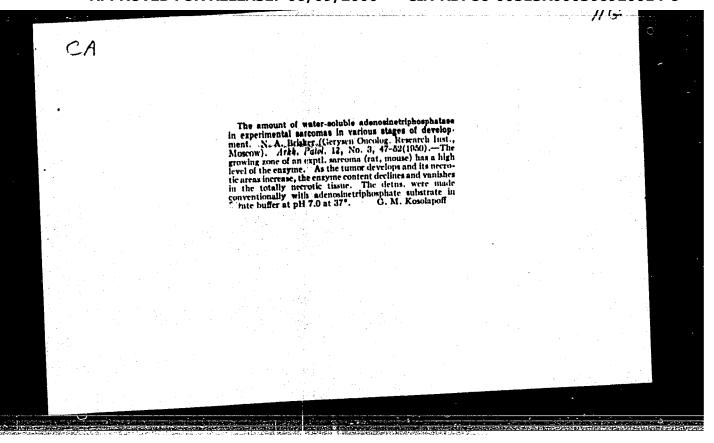
BRISKER, N. A.

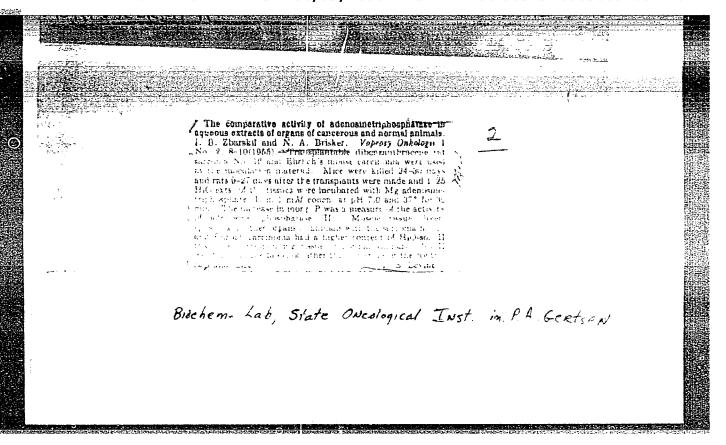
Cand Biolog Sci

Dissertation: "Water-Soluble Adensitriphosphotase of the Normal Organs and Malignant Tumors of Rats and Mice." 27/4/50

Acad Med Sci USSR

SO Vecheryaya Moskva Sum 71





BRISKI, B.

Rogina, B.; <u>Briski. B.</u> "The role of filter-paper chromatography and ninhydrin reaction in the quantitative determination of amino acides." p. 325. (<u>Kemija U Industriji</u>. Vol. 2, no. 11, 1953. Zagreb.)

SO: Monthly List of East European Accessions. Vol. 3, no. 3. Library of Congress. March 1954. Uncl.

BRISKI, B.

Czechoslovakia

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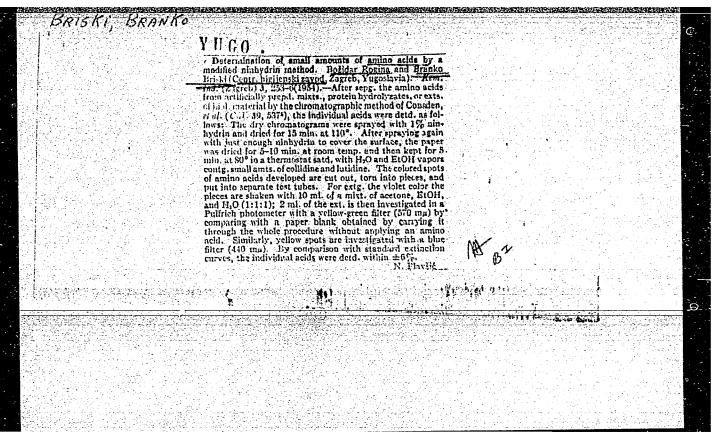
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