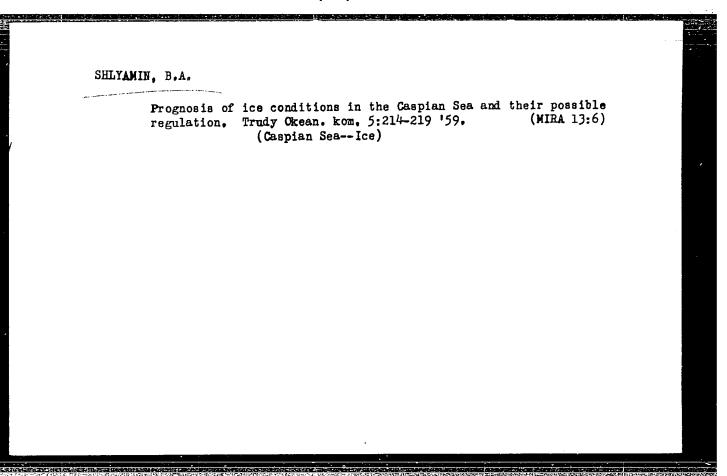
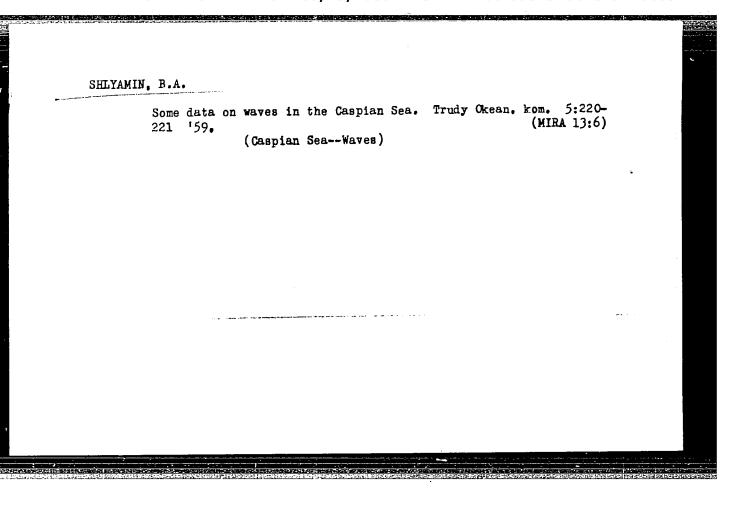
SHLYAMIN, B.A.

"Permanent" currents in the Caspian Sea. Trudy Okean. kom. 5:208213 '59.

(Caspian Sea--Ocean currents)





SHLYAMIN, B.A. A long-range prognosis of the Caspian Sea level. Izv. Vses. geog. ob-va 94 no.1:26-33 Ja-F '62. (MIRA 15:3) (Caspian Sea)

PETRZHAK, K.A.; NIKOL'SKAYA, Ye.B.; PETROV, Yu.G.; SHLYAMIN, B.A.

Possibility of using a method involving the slowing down and collection of fission fragments of gas for the study of fragment isotopes. Part 1: Radiochemical study of the distribution of fragments from their paths. Radiokhimiia 1 no.2:227-230 159.

(MIRA 12:8)

(Fission products)

85680

S/056/60/038/006/022/049/XX B006/B070

26.2211

AUTHORS: Petrzhak, K. A., Petrov, Yu. G., Shlyamin, E. A.

TITLE:

Range and Kinetic Energy Dispersion of U233 Fission Fragments

PERIODICAL:

Zhurnal eksperimental noy i teoreticheskoy fiziki, 1960,

Vol. 38, No. 6, pp. 1723-1728

TEXT: The range distribution of the following U²³³ fission fragments in different gases was investigated: Sr^{91-92} 14 140

Card 1/4

85680

Range and Kinetic Energy Dispersion of U²³³ Fission Fragments

S/056/60/038/006/022/049/XX B006/B070

separated by the usual method of chemical analysis. The range distribution curves of the above-mentioned fission fragments in the various gases were obtained from the results of the radiochemical analysis; the average values of the range and the range dispersion were determined therefrom. For illustration, Fig. 2 shows the range distribution curve of the Ba 140 nucleus in $\rm H_2$. The ordinate gives the relative activity of Ba 140 in the various films, while the abscissa gives the fragment range at $\rm p_{\rm H_2}$ = 760 mm Hg and t = 15°C. The experimental



distribution falls nearly on a Gaussian curve. Analogous results were obtained for the other fragments and gases. The scattering of the fragment ranges is assumed to be due to energy fluctuations of fragments caused by nuclear deformations, changes in kinetic energy as a result of fluctuation of the initial charge of the nucleus during fragment emission, statistical fluctuations of the electron number and the number of nuclear collisions during the slowing down of fragments in the gas, change of kinetic energy on emission of a neutron from a fragment, slowing down in the target material and, finally, to the geometry of the apparatus. A formula is given for determining the scattering S of the ranges. The

Card 2/4

85680

Range and Kinetic Energy Dispersion of ${\tt U}^2$ 33 Fission Fragments

S/056/60/038/006/022/049/XX B006/B070

experimental values of the range and S are given in Table 1 after making allowance for absorption in the film and in the target material. Formulas are given also for the scattering of kinetic energy, and the data are collected in Table 2. The accuracy with which the ranges could be given was 2%; the error in range scattering on making allowance for all effects was found to be 10%. The data obtained for the scattering of kinetic energy agree well with American publications (Refs. 2-8). Ye. B. Nikol'skiy is thanked for help in the radiochemical analysis. There are 4 figures, 2 tables, and 10 references: 2 Soviet, 7 US, and 1 Danish.

ASSOCIATION: Radiyevyy institut Akademii nauk SSSR (Radium Institute of

the Academy of Sciences USSR)

SUBMITTED:

January 28, 1960

Card 3/4

8568	n
0,00	,,,

S/056/60/038/006/022/049/XX B006/B070

ras Gas	Sr #1-##	Y12-12	Zr**		
	R. CH S. %	2 1 -	-	Bates	Celts
	1 3. %	R. CH S. %	R. C. S. %	R. CM S: %	R. CH S. %
Водород Н2 Гелий На Азот N2 Воздух А1Г Неон Na Аргон Аг	10.05 7,37 15,75 7,09 2,58 9,51 2,54 8,04 4,80 9,86 2,60 10,59	10,05 6,66 15,68 6,84 2,52 9,41 2,51 7,61 4,84 8,69 2,58 9,88	9,61 7,92 15,61 6,99 2,50 10,27 2,44 8,20 4,66 9,60 2,49 9,38	7,58 8,13 11,93 7,03 1,85 9,87 1,85 11,38	7,68 5,12 12,02 5,86 1,86 9,26 1,84 8,71 1,81 10,31

Card 4/4

SHLYAFII, E. A.

Cand Phys-Hath Sci - (diss) "Dispersion of paths /probegi/ and kinetic energies of U-233 fission fragments." Leringrad, 1961. 7 pp; (Leringrad Technical Physics Inst of the Academy of Eciences USSR); 200 copies; free; bibliography at end of text (ll entries); (KL, 5-61 sup, 174)

SHLYAMIN, V.

Concerning O.K.Leont'ev's and P.V.Fedorov's article "History of the Caspian Sea during the recent Khvalynian and post-Khvalynian periods." B.Shliamin. Izv. AN SSSR. Ser.geog. no.4:89-90 J1-Ag '54. (Caspian Sea reagion) (MIRA 7:8)

SHLYAMIN, V. A.

26264 Krugovorot vody i problema zasukhi. (Teoriya 11 kasatkina o vnutrimaterikovom. Blagooborote). Geografiya v shchkole, 1949, No. 4, s. 4-7.

SO: LETOPIS' NO. 35, 1949

AKSEL'ROD, Solomon Moiseyevich; BERLAN, Mark Mikhaylovich; VINOGLAY, Lazar' Il'ich; GOL'DZAMD, Samuil Shlemovich; DUGIN, Yakov Sergeyevich; BULEPOV, Konstantin Vasil'yevich; KALUGA, Ivan Ivanovich; LEENER, Yefim L'vovich; LUTSKIY, Moisey Leybovich; PILETSKIY, Vladimir Kirillovich; SADOVNIKOV. Petr Pavlovich; SHIYAMOVICH, Abram Aronovich; VASIL'YEV, B.A., red.; SOBOLEV, Ye.M., tekhm. red.

[Problems of radio engineering and radar]Zadachnik po radiotekhnike i radiolokatsii. [by]S.M.Aksel'rod i dr. Moskva, Gosenergo-izdet, 1962. 414 p. (MIRA 15:12)

(Radio) (Radar)

SHLYAMOVICH (Moreva), V.P., inzh.; PODBEL'SKIY, G.N., kand.tekhn.nauk

Improving the method of determining the optical density of benzene extracts of coals. Nauch. trudy KuzNIIUgleobog. no.1:133-139
162. (MIRA 16:8)

(Benzene--Optical properties) (Kuznetsk Basin--Coal--Analysis)

SHLYANDIN, V	т. М.					PA 13/49T	27	
	13/49727	gap. Gives method of computing optimum air gap for systems with interfreme magnets. Submitted 27 Nov 1947.	USSR/Electronics (Contd.) Jul/Aug 48	Examines relation between the useful mechanical work performed in galvancmetric type electromechanical systems and the energy of the magnetic field in the air gap. Shows that the maximum of the useful mechanical work corresponds to the gaximum of the magnetic field energy in the air 13/49127	"Avtomatika i Tolemekh" Vol IX, No 4	"Computing the Optimum Air Gap in Electro- mechanical Systems with Constant Galvanometric Type Magnets," V. M. Shlyandin. Moscow Aviation Inst imeni S. Ordzhonikidze, 7th pp	USSR/Electronics Jul/Aug 48 Servo Systems	
ราช การตัวสี่เรียก เมื่อสีการตัวสี เพื่อสีการตัวสี เกิดสี			- di. 6		- A - E			indiana.

Call No.:

LHE I HULLIN

TREASURE ISLAND BIBLIOGRAPHICAL REPORT PHASE I

AID 464 - I AID 17 - I

TK2851.S55

BOOK

Author: SHLYANDIN, V. M.

Full Title: ELEMENTS OF AUTOMATIC CONTROL AND TELEAUTOMATICS Transliterated Title: Elementy avtomatiki i telemekhaniki

PUBLISHING DATA

Originating Agency: None

Publishing House: State Publishing House of the Defense Industry

(OBORONGIZ)

Date: 1952

435 No. pp.:

No. of copies: Not given

Editorial Staff:

Contributors and appraisers: I. V. Strizhevskiy, B. A. Ass,

B. S. Sotskov and E. I. Gitis

PURPOSE: The book is written in conformity with the program approved by the Administration of Schools of the Ministry of the Aviation Industry for technical schools of aviation instrument construction. It is a textbook written for wide circles of persons interested in elements and installations of automatic control and teleautomatics. Only elementary knowledge of electrical and radio engineering, electrical measurements and calculus is required.

TEXT DATA

The book deals with the electric elements of automatic con-Coverage: trol and teleautomatics. It introduces the basic theoretical rela-1/2

Elementy avtomatiki i telemekhaniki

AID 464 - I

tionships necessary for the simplest calculations of measuring and controlling devices. Discussed are: methods of electrical measurements; conversion of non-electrical into electrical values; electrical relays, convertors, drives, amplifiers, computers and other elements of remote control; automatic control systems; and examples of recent automatic control installations in aeronautics. The book is richly illustrated and contains many numerical examples.

No. of References: None

Facilities: Among Soviet engineers the author names: T. N. Sokolov, K. A. Druzhinskiy, I. I. Verin, A. M. Razygrayev, A. G. Nazarov,

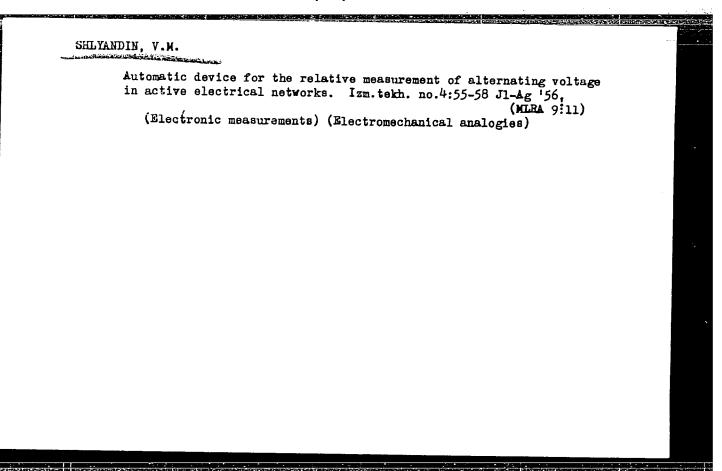
K. I. Burtsev with the group of engineers of the Magnitogorsk Kombinat, V. B. Umanskiy, I. I. Bazhenov, G. A. Shaumyan; from the "Soviet school of regulation": A. A. Andronov, V. S. Kulebakin, V. L. Lossiyevskiy and A. V. Mikhaylov; and several Russian inventors and constructors of some elements of electric control.

2/2

SHLYANDIN, V.M.; BOGOMOLOVA, M.F., redaktor; GLADKIKH, N.N., tekhnicheskiy redaktor.

[Elements of automatic control and telemechanics] Elementy avtomatiki i telemekhaniki. Izd. 2-e, perer. Moskva, Gos. izd-vc oboronnoi promysh., 1954. 463 p. (MLRA S:1)

(Automatic control) (Remote control)



"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549720009-4

STITT AND IN Y.M.

USSR /Chemical Technology. Chemical Products

H-3

and Their Application

Control and Measuring Devices.

Automatic Regulations.

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1576

Author : Shlyandin V. M.

: Penza Industrial Institute Inst

: Automatic Direct Current Compensator with Title

Numerical Reading Values

Izmerit. tekhnika, 1957, No 2, 41-43 Orig Pub:

Description of a simple direct-current, automatic Abstract:

compensator (C) with numerical reading values, which permits to carry out the measurements with an error not esceeding ± 0.1% of the upper limit of the measurement range, and within a length of time

Card 1/3

USSR Chemical Technology. Chemical Products and Their Application Control and Measuring Devices. Automatic Regulations.

H-3

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1576

of the order of 1-1.5 seconds. The C was developed at the Penza Industrial Institute. In the C is utilized a 3-decade compensation circuit with stepped, electromagnetic selectors. The entire power supply of the C is derived from the alternating current distribution network. Standard feed voltage of the compensation circuit is set in the usual manner by means of a standard cell and a zero-deflection galvanometer or is taken from a stabilized source of direct-current voltage. By means of an additional changeover switch and a corresponding standard-voltage divider circuit the C can be readily made automatic. A description of the electric circuit of the apparatus

Card 2/3

USSR Chemical Technology. Chemical Products H-3 and Their Application Control and Measuring Devices.
Automatic Regulations.

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1576

and of the procedure of carrying out measurements are included.

Card 3/3

28(1)

PHASE I BOOK EXPLOITATION

SOV/1335

Shlyandin, Viktor Mikhaylovich

Osnovy avtomatiki (Principles of Automatic Control) Moscow, Gosenergoizdat, 1958. 591 p. 25,000 copies printed.

Ed.: Kolosov, S.P.; Tech. Ed.: Voronin, K.P.

PURPOSE: The monograph is a textbook for students specializing in instrument making. It may also be used by electrical engineering students.

COVERAGE: The author describes automatic control systems and their electrical components. He also discusses the basic theoretical aspects of control systems and presents examples of designing system components. The book is based on a course taught by the author at Penza Polytechnic Institute. The material in the book corresponds to the approved programs for a course in "Fundamentals of Automatic Control and Telemechanics." The author thanks Professor B.I. Domanskiy and A.A. Voronov, Candidate of Technical Sciences.

Card 1/7

Scie of w	ences, for reviewing the manuscript. There are 66 referent which 65 are Soviet and 1 English.	nces,
rable (OF CONTENTS:	
Forewor	r d	3
Introdu	ection	7
I	PART I. ELEMENTS OF AUTOMATIC CONTROL AND TELEMECHANICS	
1. 2. 3. 4. 56.	Measuring Instruments and Circuits Basic information on the theory of electric circuits Basic information on the theory of magnetic circuits Measuring instruments D-c bridge measuring circuit A-c bridge measuring circuit Differential circuit Compensating circuit Circuits using semiconductor rectifiers	12 12 25 45 56 64 69

```
SHLYANDIN, V.N.

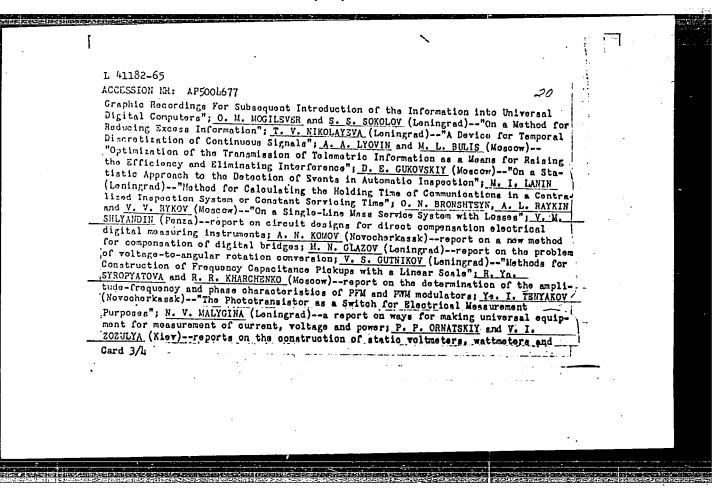
Digital electromechanical voltmeters and ohmmeters. Izm.tekh. no.3:
45-50 Mr '60.

(Electric meters)
```

Hi	gh-speed ele	ctromechani	cal digital vo	oltmeter. I	zm.tekh. no.4:2	27-29
Ap . ·	61.		(Voltmeter)		(MIRA 12	;;3)

	e de la companya de l		50 c /	• 7.
L 41182-65 EWI ACCESSION NR: AL AUTHOR: none	r(d)/EWP(c)/EWP(v)/T/EWP(k)/EWP(5004677 S/011	(1) Pf-4 5/64/000/009/0058/0059	70 18 8	-
	cientific and technical conference easurement and inspection methods	on "Cybernetics for the	• / · · ·	
	9 1960 58-	- 59	100	
TOPIC TAGS: cyb	ernetics, electric measurement, electric	lectric quantity instrum engineering conference		
ABSTRACT: The constitute of Matthe Problem of the Problem of of Scientific Reference in the Problem of Scientific Reference in the Prob	conference was held 1-4 July at the crology by the Section of Electric "Scientific Instrument Making" of Electrical Moseurement Instrument of Electrical Moseurement Instrument the Socientific and Technical Dithan 400 delegates from 29 cities orts were heard and discussed. Rengrad)"Definition of the Concept	all-Union Scientific all Measurements of the Countries on Country and the Loning vision of the Instruments of the country particle ports were given by: P. Of Informational Error	in Measure	
tional Criterio	portance in Practical Use" and "Of n of Accuracy Throughout the Entir	Le Rogie of my theorem.]	
CETA IV			<u>.</u> 	•
		:		•

L 41182-65		•		
ACCESSION NR: AP5004677		17		
 Dovices"; S. H. MANDEL'SH measurement instruments; using Fourier transforms DOLGINTSEVA and A. A. IGN problems of optimum filts I. B. CHELPANOY"Calcula Two-Channel System which R. A. POLUSKTOV (Leningra Continuous Signals"; S. P for Correction of Non-lin	Dotormination of the Criteria of Accuracy TAM (Leningrad) report on a new criterion P. F. PARSHIN (Leningrad) report on optimion olectronic digital computers; S. P. DMII ATOV (Leningrad) proposal of a new method ring for non-stationary random signals and tion of the Dynamic Characteristics of an Cuses Signals from a Position Meter and from d) "Optimum Periodic Correction in the Mea. ADAMOVICH (Moscow) "Analysis and Construents" and Scaling for Unitary Codes; G. V. Statistical Optimization in Graduating the	Ization when IRIXIV, G. Ya. for solving interference; Optimum Complex n a Speed Meter"; assurement of uction of Devices GORBLOVA		
Electrical Monauring Inst Convorter with Automatic I. A. YANOVICH (Kiev) "A Signals of Complex Radio Cybernetics as an Indopen "On the Problem of Effoot	rumonts"; M. A. ZEMEL MAN (Moscow) "Analog Srror Correction"; B. N. MALINOVSKIY, V. S. utomatic Monitoring of the Parameters of the and Slectronic Squipment"; V. P. PEROV (Mosdent Scientific Specialization"; Ye. N. GII ivo Non-linear Scales"; A. I. MARKELOV (Mosg of the Results of Measurements Presented	g-Digital Voltage KALENCHUK and BELECTION GOOW)"Operations L'BO (Leningrad) SOOW)"Devices	1	
Electrical Monauring Inst Convorter with Automatic I. A. YANOVICH (Kiev) "A Signals of Complex Radio Cybernetics as an Indopen "On the Problem of Effoot	ruments"; M. A. ZEMEL'MAN (Moscow) "Analog Error Correction"; B. N. MALINOVSKIY, V. S. utomatic Monitoring of the Parameters of the and Electronic Equipment"; V. P. PEROV (Mos dent Scientific Specialization"; Ye. N. GII ive Non-linear Scales"; A. I. MARKELOV (Mos	g-Digital Voltage KALENCHUK and BELECTION GOOW)"Operations L'BO (Leningrad) SOOW)"Devices	1	



	/		1	
•	,	•		
. L 41182-65 ACCESSION NR: APSO	001677	15	-a .	
GORBUNOV (Tomek) vibration amplitudreport on the de etc.; N. B. DADUKI pickups for gas an (Kuybyshev)repor PSHENICHNIKOV (Kuy	TRIKHANOV, I. G. SMYSHLYAYEV, N. I. SABireport on a device for automatic processing of pneumatic hammers; L. K. RUKINA and velopment of a digital compensator for more NA (Leningrad) report on a method for conalysis; Ye. M. KARPOV, V. A. BRAZHNIKOV and tes on analysis and recording of boring applyshov) "A High Speed Voltage-to-Digital KHROV and V. K. ISAYEV (Vilna) "A Highly	y. G. KNORRING (Leningrad asuring pressure, force, estructing frequency on B. Ya. LIKHTTSINDER seds; Yu. V. Code Converter for ac Acourate Digital Peak-	f	
to-Pank Volumotor* age Converter.* ASSOCIATION: none	; and S. M. PERSIN (Loningrad) "A Low Lo	vel Analog-Digital Volt-		
SUBMITTED: 00 NO REF SOV: 000	ENCL: 00	SUB CODE: EE, EC	·• :	
me			•	
Card 4/4			4	
			•	
		and the second second second		ar positive en en en en en

"APPROVED FOR RELEASE: 08/23/2000 C

CIA-RDP86-00513R001549720009-4

 $L_{25848-66} = EWT(d)/EMP(v)/EWP(k)/EWP(h)/EWP(1)$

ACC NR: AR5020509

SOURCE CODE: UR/0271/65/000/008/0051/0052

AUTHOR: Shlyandin, V. M.

ダン

ORG: none

TITLE: Discrete methods for automatic gaging and monitoring electric values.

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 8A393

REF SOURCE: Uch. zap. Penzensk. politekhn. in-t, vyp. 2, 1964, 3-12

TOPIC TAGS: electric measuring instrument, automatic regulation, voltmeter, computer circuit, automatic control system, automatic programming

ABSTRACT: A study was made of general problems in the transformation of electric values into discrete ones. The most widely used method applied in digital devices for measuring electric values (voltage, current, and resistance) is based on the principle of automatic equilibrium coding with discrete shaping of the compensating value. At the same time, the tracking or scanning equilibrium is used. Data are given on some digital voltmeters designed by the Polytechnical Institute in Penza. Problems are analysed on the development of theoretical designing principles and on the schematic principles of general-duty circuits for automatic devices of running monitoring of circuits in complex electotechnical devices operating at the greatest speed and with the greatest volume. In monitoring circuits for, e.g., resistance only, it is generally necessary to monitor 2 parameters: the active and the reactive resistance of the circuit, for each of which it is possible to assign several toler-card 1/2

UDC: 658.562.011.56

	AR5020509				0
ances. Be	ecause the monitoring ith the assigned one	of the parameters	may be achieved o	nly by comparing t	heir
parameter	rs and a system allo	wing from this s	et the selection	y large set of sti	values
for monit	toring each given ci	ircuit. The gene:	ral-duty of the	installation is de	eter-
mined by	the programming dev	rice. The best p	rogramming devic	e is the one which	n plots
ences.	rem with the help of	perforated card	s. Urigi art. n	BB } < CADTER STROT 1	TT Leter-
SUB CODE:	09, 13/ SUBM DATE:	none			
	• • • • • • • • • • • • • • • • • • •				
					<u>.</u>
*		i i i i i i i i i i i i i i i i i i i			
			•		
		4.4	•		
Card 2/2 ×					
					1

L 29075_66 ACC NR: AP6017782		
AUTHOR: Shlyandin, V. M.	SOURCE CODE: UR/0115/65/000/007/	(0024/0026
ORG: none		37
TITLE: Electrical measuring direct ed	Quilibrating digital and	P
SOURCE: Izmeritel'naya tekhnika, no.	7 10(r or or or	
TOPIC TAGS: voltmeter, computer logic voltmeter, ShCh1311 voltmeter, ShCh141 ABSTRACT: In recent years, intereduce the switching time of experimal logic in the equilibration of necessary switching operations of digital instrument of digital instrument has results attained in the USSR Voltmeter type VK7-5 VOTS-17 Relative cor-	c, computer switching/VK7-5 voltmeter, 11 voltmeter, R339 voltmeter, VTs-2	meter he
sign sign	±0.1 ±1 sign ±0.05 ±0.05 =0.02	5
ime for one easurement, sec 3 2	1.5 1.5 3 2	
ard 1/2	UDC: 621.317.7.085.36	12

L 29075-66

ACC NR: AP6017782

As can be seen from the table, the time for one measurement is about one order higher than desirable, bur further improvement by reduction of switching time and improvement of logic should not be anticipated. The reduction of measuring times to 0.1-0.2 sec would allow greatly expanded application of these instruments in general equipment, centralized control over slowly changing parameters, slow operating computers, etc. Logical and statistical elements could also be more widely used. With direct equilibration, in which the measured quantity is compared directly with the full scale of the compensating quantity, which is time-constant, the process of equilibration is not a function of time; therefore, the problem can be solved. When this type of equilibration is combined with a tracing measurement regime, reliable, economical and simple voltmeters can be devised. Orig. art. has: 1 table, 2 figures and 2 formulas. [JPRS]

SUB CODE: 09, 12 / SUBM DATE: none / ORIG REF: 007

。 大型长河市的安全市的大型市场中央市场的企业,在1000年的中央市场的企业,1000年的市场的企业,1000年的市场的企业,1000年的市场的企业,1000年的

Card 2/2 10

SHLYANIKOV, YM. A.

USSR/Metals

Lead Alloys Metallography Feb 1948

"The Kinetic Method of Physical and Chemical Analysis, III," V. A. Shushunov, Yu. A. Shlyanikov, Sci Res Inst of Chem, Gor'kiy State U, 4 pp

"Zhur Fiz Khim" Vol XXII, No 2

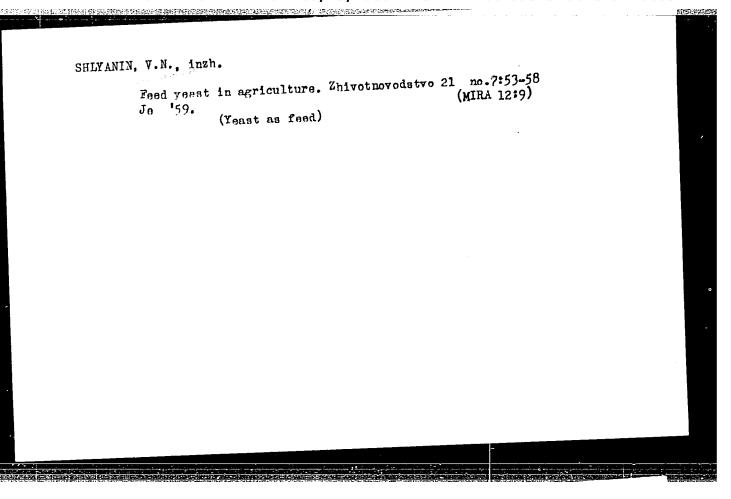
Determine that additions of magnesium to alloys of NaPb do not alter the nature of kinetic curves of reaction in the formation of tetraethyl lead. Induction period does not alter its relation to temperature. Show that additions of up to 0.2% of magnesium to sodium stannate will greatly decrease the induction period.

Submitted 27 May 1947

PA 64T65

OKHOTNIKOV, S.S., inzh.; SHLYANIN, A.A., inzh.

Small burners. Trudy TSNII MPS no.228:19-35 '62. (MIRA 15:7)
(Liquil fuels) (Burners)



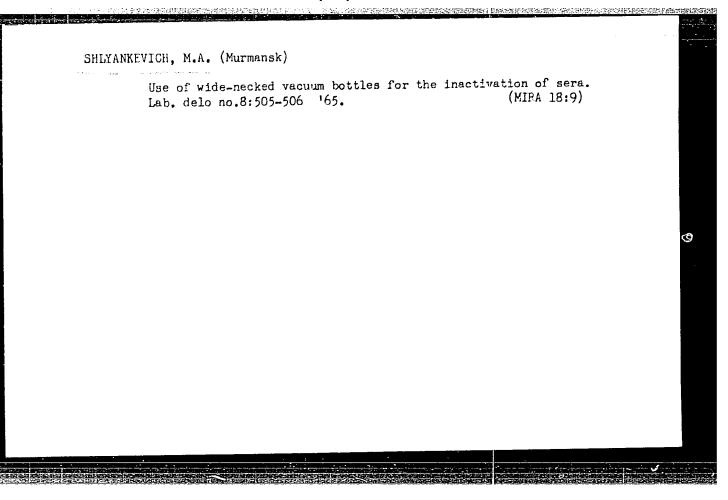
SHLYANIN, Vasiliy Nikitich; OSADA, P.A., red.; GERASIMOVA, Ye.S., tekhn.red.

[Wood chemistry industry from 1959 to 1965] Lesokhimicheskaia promyshlennost v 1959-1965 gg. Moskva, Gosplanizčat, 1960.

(HIRA 13:6)

97 p. (Wood--Chemistry)

The secretary and appearance of the secretary and the secretary an	Increases the output of the hydrolysis, wood-chemistry, and sulfite alcohol industries. Gidroliz. i lesokhim.prom. 14 no.2:1-2 '61. (MIRA 14:3)				
	l. Gosplan (Hydro	COOP	ood	(Alcohol)	
			<i>,</i> 19		
					• • •
		·•			



SHEYAHOV A. I.

Morgullis L. S., Sitnov M. A. And Shlyanov A. I., "Adjustment of Regulation of the AK-25-2 Steam Turbine at the Leningrad Metals Plant," Naladochryye 1 eksperimental mye raboty CRORES Corrective and Experimental Mork of the ORCRES, 1953, No 6, Pages 17-55.

8(2,5) SOV/112-58-3-3700

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1958, Nr 3, p 24 (USSR)

AUTHOR: Bunkin, V, I., Morgulis, L. S., and Shlyanov, A. I.

TITLE: Testing and Adjusting the Regulation System of Type AK-50 KhTGZ Turbines (Ispytaniye i naladka regulirovaniya turbin tipa AK-50 KhTGZ)

PERIODICAL: Naladochn. i eksperim. raboty ORGRES, 1956, Nr 13, pp 21-27

ABSTRACT: Violent jarring of levers, valve slide, and servomotor stem that resulted in stem breakage were formerly observed in the functioning of the governing system of turbines. On a sudden loss of 80%-rated load, the turbine ran away until the automatic overspeed device tripped. In the course of governor adjustments, the servomotor-piston stroke was reduced by 30% and both the dead band and the proportional band were brought to normal. As a result of the above adjustments, the governor system was capable of coping with the dropping of full rated load and showed a stable functioning within the whole range of loads.

L.S.M.

Card 1/1

8(2,5) SOV/112-58-3-3699

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1958, Nr 3, p 24 (USSR)

AUTHOR: Bunkin, V. I., Man'kin, M. N., and Shlyanov, A. I.

TITLE: Adjusting the Controls of LMZ Type AK-50-1 (TN-250) Turbines (Naladka regulirovaniya turbin LMZ tipa AK-50-1 (TN-250))

PERIODICAL: Naladochn. i eksperim. raboty ORGRES, 1956, Nr 13, pp 27-36

ABSTRACT: The turbine regulation system formerly worked poorly: under no-load conditions, the turbine had a runaway tendency and did not correctly respond to the synchronizer control. To eliminate these troubles, the radial gaps between pilot valves and their seats were reduced, new valve springs were mounted and their initial tension increased, window contours in the throttle valve and its shell were altered, etc. To increase the response speed of the regulating system on sudden loss of electric load, a new-design pilot valve with an additional internal oil overflow was installed. Recommendations on the method of adjusting and tuning up the regulating system for such turbines

Card 1/2

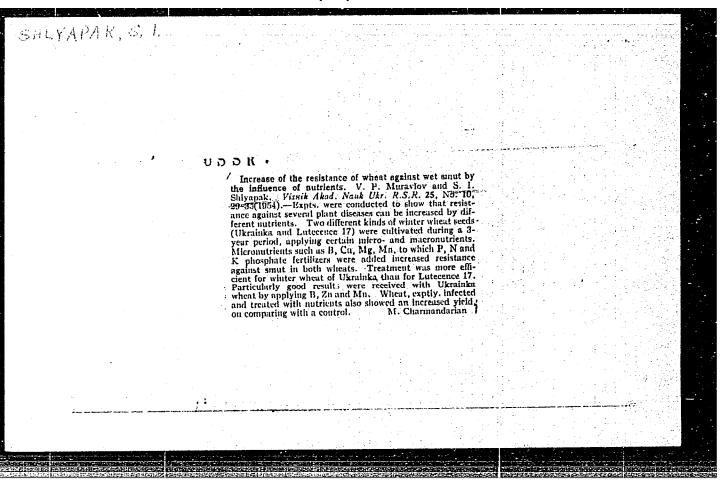
8(2,5) SOV/112-58-3-3699

Adjusting the Controls of LMZ Type AK-50-1 (TN-250) Turbines

are given. Drawings of the new type of pilot vavle and axle box and sketches of the window shapes in the valve and its shell are presented, as well as specifications for the gaps in the governing and the steam-distributing systems.

L.S.M.

Card 2/2



KOSMATYY, Ye.S.; SHIYAPAK, S.I.

New chromatopolarographic method for determining DIT in food products. Vop. pit. 22 no.5:83-89 S-0'63.

(MIRA 17:1)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta zashchity rasteniy, Kiyev.

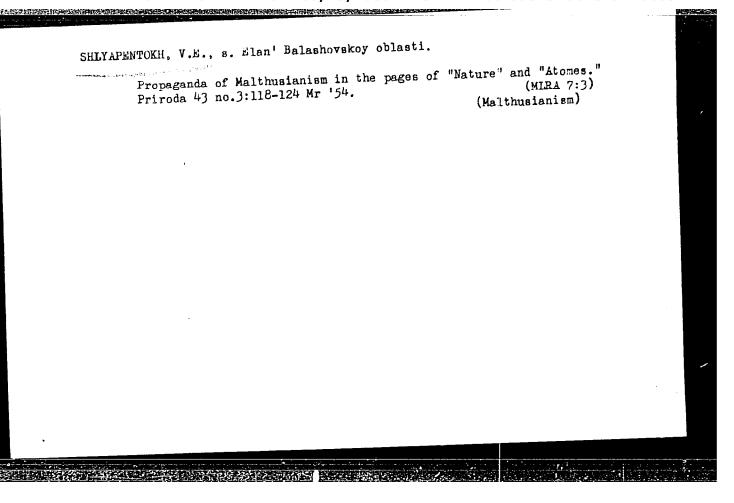
SHLYAFENTOKH, G.M.

Use of cards in testing the knowledge of grade 5-8 students.

Geog. v shkole 26 no.3:48-51 Ny-Je '63. (MIRA 16:6)

1. 45-ya shkola Leningrada.

(Geography--Study and teaching)



BLYUMIN, I.; SHLYAPENTOKH, V. V.

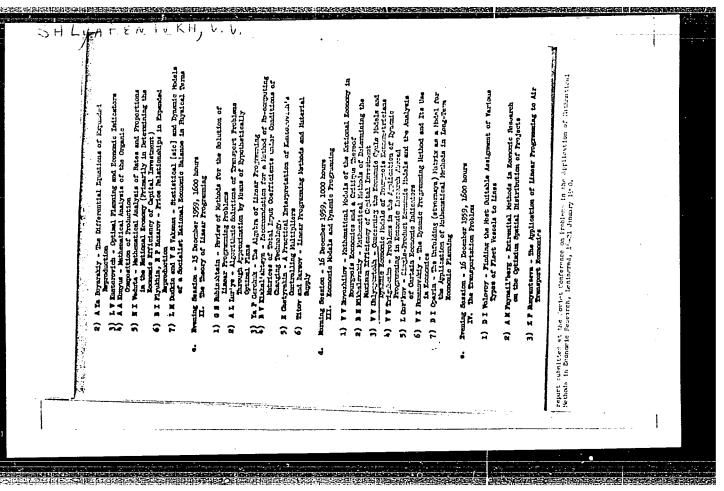
Sconometric direction of bourgeois economics. Vop.ekon. no.11:
79-93 N '58. (MIRA 11:11)

(Economics, Mathematical)

BLYUMIN, Izrail' Grigor'yevich. Prinimal uchastiye SHLYAPENTOKH, V., kand.ekonom.nauk. SAFRONCHUK, V.S., red.; SHCHETININ, V.D., red.; ROMANOVA, N.I., tekhn.red.

[Crisis of present-day bourgeois political economy] Krizis sovremennoi burzhuaznoi politicheskoi ekonomii. Moskva, Izd-vo In-ta mezhdunar.otnoshenii, 1959. 563 p. (MIRA 13:1)

(Economics)



LASKIN, Dmitriy Fedorovich, starshiy nauchnyy sotr.; SHLYAPIN,
Aleksandr Andreyevich; MASHKINA, A., red.; YAKOVLEVA, Ye.,
tekhn. red.

[Penless fattening of swine]Otkorm svinei bez stankov. Moskva, Mosk. rabochii, 1962. 28 p. (MIRA 15:11)

1.Nauchno-issledovatel'skiy institut sel'skogo khozyaystva tsentral'nykh rayonov nechernozemnoy zony (for Laskin). 2. Glavnyy zootekhnik sovkhoza imeni Moskovskogo soveta (for Shlyapin). (Swine)

SHLYAPIN, A., zootekhnik; VOLLDIN, V., zootekhnik

Advanced methods for fattening swines. NTO 5 no.8:21-24 Ag '63.

(MIRA 16:10)

SHLYAPIN, B. P.			PA 163T53	
1 ਨਿਕਪਾਵਰ	USSR/Metals - Steel, Chromium Jun 50 (Contd) shops. Main features are decreasing of sample to 0.2 g and selection of proper solvent. Accuracy of determination is ± 0.3%.	"Zavod Lab" Vol XVI, No 6, pp 661-663 Describes rapid method for determination of chromium during steelmaking process with permanganate used for oxidation. Determination takes 7-9 min and method is accepted in laboratories of open-hearth	USSR/Metals - Steel, Chromium Chemistry - Chromium, Determination "Semimicrochemical Determination of Chromium in the Process of Making Chromium Steel," B. P. Shlyapin, Z. P. Pevneva, Chusovoy Metallurgical Plant	

SHI, YAPIN D. S.

Mbr. Moscow, Inst. Obstetrics and Gymecology, Dept. Clinical Med., Acad. Med. Sci. -c1948-. Mbr. Chair Pathological Physiolo, 1st. Moscow Ord. Lenin Med. Inst; -c1948-. "Effect of Peacental Albuini on the Cardiovascular System in Conditions of Hemosensitization." Arkhiv Patol., 10, No. 3, 1978.

BUKHARIN, Yevgeniy Mikhaylovich; LYALIN, Feliks Isayevich; SANDLER, Polina Yevseyevna, SHLYAPIN, Igor' Andreyevich; ROKOTYAN, S.S., red.; DEMKOV, Ye.D., red.; BOHUNOV, N.I., tekhn. red.

[Survey and comparison of foreign standards for designing the structural section of electric power transmission systems] Obzor i sravnenie zarubezhnykh norm na proektirovanie konstruktivnoi chasti linii elektroperedachi. Pod obshchei red. S.S. Rokotiana. Moskva, Gos. energ. izd-vo, 1960. 143 p. (MIRA 14:5)

(Electric power distribution)

SHLYAPIN, K. B.

5801 Abstracts

996. TRIALS OF MACHINE FOR CUTTING IRIFTS. Shlyapin,
Well IV, No, 2

Englary, 1950

Return Solid Fuels:
Winning.

80.27 in. diameter hole in rock with two planetary discs
each carrying twenty four blades. (L).

2 LUMPE, i.m., Cond to d. Soi--(disc) "Strage of mixed or transle of the Niew on the line of the Niew of mixed or the Niew of the Southwestien), 199 on its (11,45-13, 14)

BARON, L.I., doktor tekhn.nauk, prof.; GLATMAN, L.B., gornyy inzhener; SHLYAPIN, K.B., kand.tekhn.nauk

Evaluacting the cutting resistance of rocks. Transp. stroi. 10 no. 12:42-45 D '60. (MIRA 13:12)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549720009-4"

TO THE PARTY OF TH

```
SHLYAPIN, K.B., kand.tekhn.nauk; MOTOVILOV, E.A., inzh.; LINENKO, Yu.P.,
inzh.

Cutters for the mechanical working of abrasive rock. Transp.
stroi. 12 no.12:46-48 D '62. (MIRA 16:1)
(Tunneling-Equipment and supplies)
(Stonecutting-Equipment and supplies)
```

BARON, L.I., prof., doktor tekhn.nauk; GLATMAN, L.B., kand.tekhn.nauk;
SHLYAFIN K.B., kand.tekh.nauk

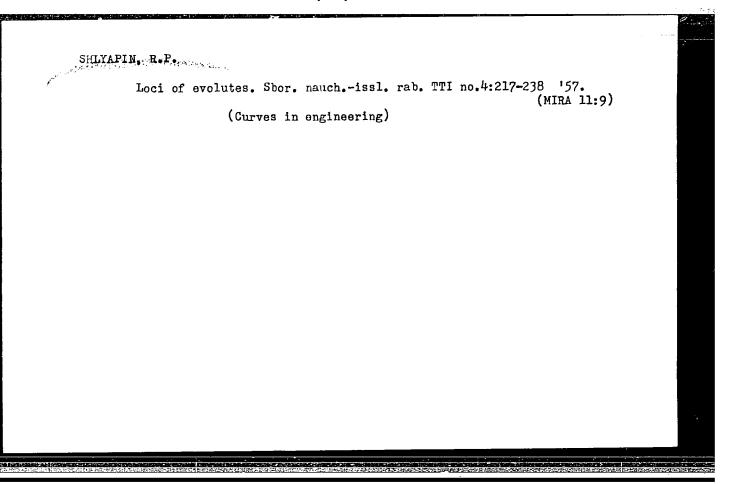
Intensity of dust formation in cutting rocks. Bor'ba s sil. 5:
111-115 '62.

1. Institut gornogo dela imeni A.A.Skochinskogo (for Baron, Glatman).
2. TSentral'nyy nauchno-issledovatel'skty institut transportnogo stroitel'stva Ministerstva transportnogo stroitel'stva (for Shlyapin).

(Mine dusts)

SHLYAPIN, Kirill Romanovich, inzh.; SUKHOV, I.V., red.; SHILLING, V.A., red. izd-va; BELOGUROVA, I.A., tekhn. red.

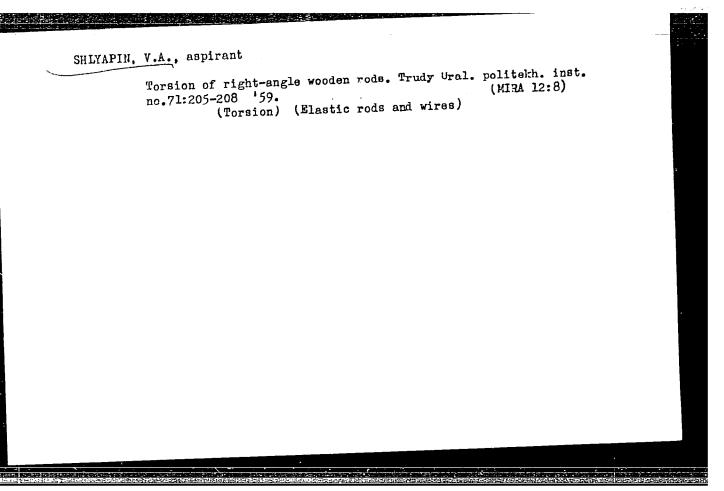
[The VARZ-1 small-bracket swing crane] Malogabaritnyi konsol'nopovorotnyi kran VARZ-1. Leningrad, 1961. 13 p. (Leningradskii Dom
nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia:
Mekhanicheskaia obrabotka metallov, no.13) (MIRA 14:7)
(Cranes, derricks, etc.)



SHLYAPIN, R. P.

Cand Tech Sci - (diss) "Evolute curves." Tashkent, 1958. 14 pp; (All-Union Correspondence Polytechnic Inst); 130 copies; price not given; (KL, 7-61 sup, 249)

Cycloidal	formation of (Curves)	Sbor.nauchis	,	PLINE I JALLI	



Stability of eccentrically compressed wooden rods resulting from the plane action of the moment. Trudy Ural. politekh. inst. no.71:209-222 '59. (MIRA 12:8) (Flexure) (Elastic rods and wires)

CHUVATOV, V.V.; BEREZIN. N.N.; METSGER, E.Kh.; NAGIN, V.A.; KARTASHOV,

N.A., kand. tekhn. nauk, dots.; MIL'KOV, N.V., kand. tekhn.

nauk; BYCHKOV, M.I., kand. tekhn.nauk, dots.; SUKHANOV, V.P.,

SHLYAPIN, V.A.; KORZHENKO, L.I.; ABRAMYCHEV, Ye.P.; KAZANTSEV,

I.I.; YARES'KO, V.F.; LUKOYANOV, Yu.N.; DUDAROV, V.K.; BALINSKIY,

R.P.; KOROTKOVSKIY, A.E.; PONOMAREV, I.I.; NOVOSEL'SKIY, S.A.,

kand. tekhn.nauk; dots.; IL'INYKH, N.Z.; TSITKIN, N.A.; ROGOZHIN,

G.I.; PRAVOTOROV, B.A.; ORLOV, V.D.; RACHINSKIY, M.N.; KULTYSHEV,

V.N.; SMAGIN, G.N.; KUZNETSOV, V.D.; MACHERET, I.G.; SHEGAL, A.V.;

V.N.; SMAGIN, G.N.; KUZNETSOV, V.D.; MACHERET, I.G.; SHEGAL, A.V.;

GALASHOV, F.K.; ANTIPIN, A.A.; SHALAKHIN, K.S.; RASCHMKTAYEV, I.M.;

G.P.; ROZHKOV, Ye.P.; RYUMIN, N.T.; AYZENBERG, S.L.; GOLUBTSOV,

N.I.; VUS-VONSOVICH, I.K., inzh., retsenzent; GOLOVKIN, A,M., inzh.,

retsenzent; GUSELETOV, A.I., inzh., retsenzent; KALUGIN, N.I.,

inzh., retsenzent; KRAMINSKIY, I.S., inzh., retsenzent; MAYLE,

O.Ya., inzh., retsenzent; SPERANSKIY, B.A., kand. tekhn. nauk,

retsenzent; SHALAMOV, K.Ye., inzh., retsenzent; VOYNIGH, N.F., inzh.,

red.; GETLING, Yu., red.; CHERNIKHOV, Ya., tekhn. red.

[Construction handbook] Spravochnik stroitelia. Red.kollegiia: M.I. Bychkov i dr. Sverdlovsk, Sverdlovskoe knizhnoe izd-vo. Vol.1. 1962. 532 p. Vol.2. 1963. 462 p. (Construction industry)

SHLYAPIN, V.B.

3631. SHLYAPIN, V.B. Elyektrokontaktnaya Svarka Parovbznykh Dyshyel. M. Transzhyeldorizdat, 1954 24s. s Chyert. 20sm (Vsyesoyuz Nauch-isslyed, in-t Zh-D Transpoata, ia form, Pis'mo No. 316) 800ekz. Byespl-Na obl Avt. Nye Ukazan-(54-14150zh) 621.13, 01:621.791.76+621.791. U

SO: Knizhnaya Letopis', Vol. 3, 1955

USSR/Engineering - Contact welding

Card

SHLYAFIN,

Market Market State Commence of the State of

: 1/1 Pub. 128 - 15/32

Authors

Obukhov, A. V. and Shlyapin, V. B.

Title

: Electrical contact welding of locomotive drive shafts

Periodical

Vest. mash. 34/7, 52 - 54, July 1954

Abstract

General information is given on electrical contact welding of locomotive drive shafts, conducted by "Shevchenko" locomotive repairing factory, and a maintenance train #13. A description is given of welding procedures, and attempts are made to determine the influence of welding on steel characteristics. Illustrations; graphs.

Institution :

: ...

Submitted

. . .

AID P - 4519

: USSR/Engineering-Welding Subject

Pub. 107-a - 5/13 Card 1/1

: Shlyapin, V. B. Author

: Fatigue Strength of Locomotive Welded Connecting Rods Title

Periodical: Svar. proizv., 2, 16-17, F 1956

: The observation of the fatigue strength of the main resistance-welded connecting rods, the equipment used, Abstract

and the results obtained are presented in a concise manner. Four graphs, 3 micro-photos, and 2 drawings.

Institution: Central Scientific Research Institute of the Ministry

of Railways - TsNII MPS.

: No date Submitted

> CIA-RDP86-00513R001549720009-4" APPROVED FOR RELEASE: 08/23/2000

SHLYAPIN, V.B.

AID P - 5415

Subject

: USSR/Engineering

Card 1/1

Pub. 11 - 5/13

Authors

Obukhov, A. V., and V. B. Shlyapin

Title

Mechanical and heat treatments of resistance-welded

butts.

Periodical

: Avtom. svar., 5, 31-36, My 1956

Abstract

The authors describe their method of tempering and normalizing resistance welded joints of large specimens like I-beams, rails, etc., which improves mechanical properties. Four charts and 2 micro-pictures.

Institution:

Central Scientific Research Institute of the Ministry of

Railways (TsNII MPS).

Submitted

: 16 Mr 1956

AID P - 5242

: USSR/Engineering Subject

HERE IN COMPANY OF THE PROPERTY OF THE PROPERT

Pub. 107-a - 2/9 Card 1/1

Shlyapin, V. B., Kand. of Tech. Sci. (TsNII MPS) Author

Influence of cold dressing on the dynamic strength of Title

resistance-welded parts.

Periodical: Svar. proizv., 8, 7-11, Ag 1956

: The author presents the results of experiments conducted Abstract

with a special welded I-shaped steel part in order to determine the effect of dressing and straightening on the dynamic strength of the welded section. Five graphs, 5

photo-microstructures, 2 drawings and 1 table. Two

Russian references (1946-53).

Institution: Central Scientific Research Institute of the Ministry of

Railways (TSNII MPS).

Submitted : No date

OBUKHOV, A.V.; SHLYAPIN, V.B.

Thermomechanical treatment of resistance welded butt welds. Avtom. svar.9 no.5:31-36 S-0 '56. (MLRA 10:2)

1. TSentral'nyy nauchno-issledovatel'skiy institut Ministerstva putey soobshcheniya. (Electric welding)

25(1); 25(6)

PHASE I BOOK EXPLOITATION

sov/3575

Vinogradov, Yu.G., Ye.A. Greyl', M.M. Kraychik, and V.B. Shlyapin

Metody issledovaniya kachestva svarki (Methods of Quality Control of Welded Joints), Moscow, Transzheldorizdat, 1959. 132 p. 1,200 copies printed. (Series: Vsesoyuznyy nauchno-issledo-vatel'skiy institut zheleznodorozhnogo transporta. Trudy, vyp. 175)

Ed. (Title page): V.B. Shlyapin, Candidate of Technical Sciences; Ed. (Inside book): A.V. Popov, Engineer; Tech. Ed.: P.A. Khitrov.

PURPOSE: This book is intended for technical and scientific personnel concerned with the welding of various parts and structures.

COVERAGE: The book deals with welding defects and their detection, as well as with mechanical testing and metallographic investigation of welded joints. There are 28 references, all Soviet.

card 1/3

Methods of Quality (Cont.)	sov/3575	
TABLE OF CONTENTS:		2
Preface		3
I. Defects in Welded Joints		5
II. Detection of Flaws in Welded Joints 1. Visual inspection of welds 2. Inspection of welds for leaks 3. Inspection by drill probes 4. Inspection by X rays and gamma rays 5. Dye-penetrant method of inspection 6. Ultrasonic inspection 7. Magnetic inspection		9 10 12 13 32 34 37
III. Mechanical Testing of Welded Joints 1. Specimens for mechanical testing 2. Test conditions 3. Static tests 4. Impact tests		42 42 43 44 49

ethods of Quality (Cont.) SOV/3575	
5. Fatigue tests 6. Determination of hardness 7. Determination of weldability of steel	57 62 63
V. Metallographic Investigation of Welding 1. Investigation of macrostructure of fractures 2. Investigation of macrostructure of polished sections 3. Microstructural studies	72 72 78 84
 Methods and Practice of Laboratory Investigation of Welding Quality and Causes of Failure of Welded Articles Checking the quality of welding of critical structures Technical inspection of fractures in welded or hard-face products Checking of new welding and surfacing methods 	94
Bibliography AVAILABLE: Library of Congress	VK/jb 4-12-60
Card 3/3	

s/019/60/000/013/057/112 A152/A029

Kolesnichenko, A.N.; Rovkakh, S.Ye.; Vinogradov, Yu.G.; Shlya-AUTHORS:

pin, V.B.

An Automatic Machine for the Pulse-Arc Building-Up of Weld TITLE:

Metal

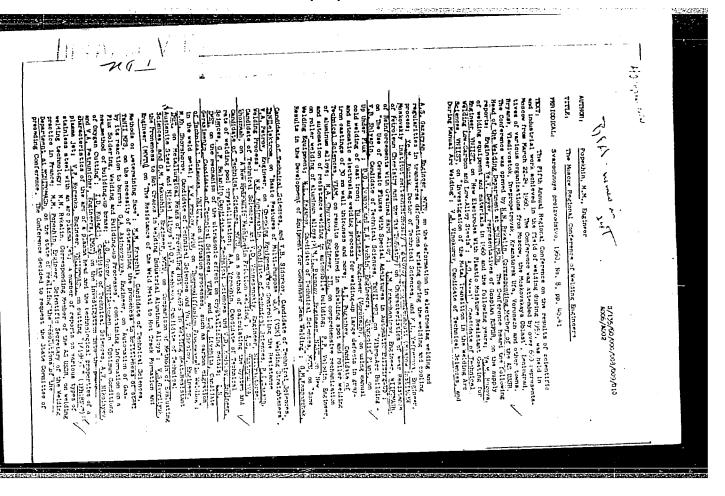
PERIODICAL: Byulleten' izobreteniy, 1960, No. 13, p.43

TEXT: Class 21h, 30 17 No. 129764 (615935/25 of January 7, 1959). This machine incorporates a feed mechanism for the electrode wire, and an outlet spout that directs the electrode onto the article, with an adjustable eccentric mechanism. It has the following special feature: to work (as required) surfaces with various cross-sections in articles of different configurations, this machine is fitted with a link mechanism having an adjusting supporting screw, with the help of which the angle of inclination of the spout can be varied, and a precise adjustment of the amplitude of the swinging of the spout can be achieved.

Card 1/1

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549720009-4



"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549720009-4

SOV/125-12-2-9/14

18(5) AUTHOR:

Kraychik, M.M., and Shlyapin, V.B.

TITLE:

The Search for a Method of Repairing Crack Damage Using One-Sided Welding (Izyskaniye sposoba vosstanovleniya povrezhdennogo treshchinoy mesta pri odnostoronney svarke)

PERIODICAL:

Avtomaticheskaya svarka, 1959, Vol 12, Nr 2, pp 71-75

(USSR)

ABSTRACT:

Various parts can often be welded from only one side if cracks are found in them (e.g. the frame of rail trucks, etc.). In these cases a method of cutting out the crack is needed which would ensure the greatest heating of the damaged section and would reduce to a minimum the non-fusing of the edges. 4 types of experiment are illustrated by different methods: 2 using machinery, 1 using electric-arc smelting of the channel, and the fourth using a through-cut (either by machinery, electric-arc or gas smelting). It was found that a Y-shaped crack can only be satisfactorily removed by using an electric arc in the vertical position, because otherwise great uneven-

Card 1/3

SOV/125-12-2-9/14

The Search for a Method of Repairing Crack Lamage Using One-Sided Welding

ness results, no matter what electrodes are used. Good results were obtained when the edges of the cut had axes forming an angle of 40-600, clearance between the edges being 4-5 mm. Detailed recommendations are made to this It was found that the main reason for the formation of cracks when welding in the remaining lining was high sulphur content which was up to 0.16%. When cutting a lining made of St3 with a phosphorus and sulphur content in accordance with GOST 380-50, no cracks appe-The article then describes fatigue tests on 3 series of girders to compare their resistance to vibration. Each girder was welded with differently cut edges. Their fatigue life is shown in a table. The conclusions are that of 3 types of one-sided cutting (triangular and trapezoidal by mechanical methods, and arc-smelting) preference should be given to mechanical cutting with an opening angle of not less than 80°. Secondly when welding a lining in situ, as a rule the edges are fully heated. In production conditions preparation of cracks

Card 2/3

The Search for a Method of Repairing Crack Damage Using One-Sided Welding

should be done by a gas-oxygen cut. Thirdly the girders which have the longest fatigue life are those in which cracks are welded on the remaining lining. There are 3 illustrations, & tables and 1 Soviet reference.

ASSOCIATION: TSNII MPS SSSR

SUBMITTED: May 12, 1958

Card 3/3

KRAYCHIK, M.M., kand. tekhn. nauk; SHLYAPIN, V.B., kand. tekhn. nauk

Causes of damages occuring in the truckframe of the TE3 diesel locomotive and remedy measures. Vest. TSNII MPS 18 no.5:28-31 Ag '59. (MIRA 13:1)

(Diesel locomotives)

SHLYAPIN, V.B., kand.tekhn.nauk, VINOGRADOV, Yu.G., inzh, LEONT'YEV, D.V., inzh., IONSKIY, Ye.D., kand.tekhn.nauk.

Built-up welding under flux by means of a weaving arc. Svar. proizv. no.2:24-26 F '60. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel skiy institut zheleznodorozhnogo transporta Ministerstva putey soobshcheniya. (Electric welding) (Machinery--Maintenance and repair)

S/193/60/000/012/006/018 A004/A001

AUTHORS:

Shlyapin, V. B., Vinogradov, Yu. G., Leont'yev, D. V., Rovkakh, S. Ye,

Kolesnichenko, A. N., Yermolayeva, M. I.

TITLE:

Vibration-Arc Build-Up of Parts With the Aid of the Automatic

AHK3中-1 (ANKEF-1) Head

PERIODICAL:

Byulleten' tekhniko-ekonomicheskoy informatsii, 1960, No. 12,pp.20-21

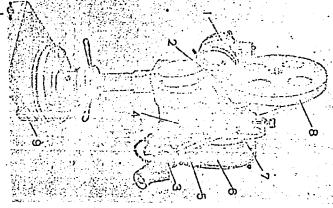
TEXT: The Tsentral'nyy nauchno-issledovatel'skiy institut putey soobshcheniya (Central Scientific Research Institute of Transport) (TsNII MPS) has developed a new method of submerged vibration arc building-up of shaft journals of the rolling stock. A thin metal layer of 0.3-3 mm is built up without cracks, pores and slag impurities. The building-up equipment, the special automatic ANKEF-1 head, was manufactured in cooperation with the design and planning office of the Glavstroymekhanizatsiya Ministerstva transportnogo stroitel'stva (Glavstroymekhanizatsiya of the Ministery of Transport Engineering). The part being built up is clamped in the centers of a lathe and rotates with a speed of 1-5 rpm while the metal is welded on with the ANKEF-1 head shown in the illustration. The head is actuated by the $AO_{\nu}|-11-2$ (AOL-11-2) 180 w electromotor 1 which also feeds the

Card 1/3

S/193/60/000/012/006/018 A004/A001

Vibration-Arc Build-Up of Parts With the Aid of the Automatic AHK9P-1 (ANKEF-1) Head

electrode wire to the part and produces the vibrations with the aid of worm reducer 2. Nozzle 3 carries out oscillations parallel to ellipsoid axis. The vibrator consists of an axle and two eccentrically located bushings 4. The axis of the outer bushing is displaced relative to the inner one by 1.5 mm, so that the total eccentricity can be varied from 0 to 3 mm. The nozzle is connected to rocker 5. At the end of the axis of the eccentric mechanism a driven skew bevel wheel is mounted



which is geared to the toothed wheel of the worm shaft of the reducer. The set

Card 2/3

S/193/60/000/012/006/018 A004/A001

Vibration-Arc Build-up of Parts With the Aid of the Automatic ΑΗΚβΦ-1 (ANKEF-1) Head

of toothed wheels makes it possible to vary the number of nozzle oscillations in the range of 20 - 57 cps. Electrode wire feed mechanism 6 is mounted on a plate fastened to the reducer housing. The driving roll for the wire feed is made of two disks and a set of rubber rings tightened by nut 7. The electrode wire is feed to the part being built up from magazine 8. The feed speed can be varied between 57 and 236 m/hour. The ANKEF-1 head has a special prop 9 by which it is fastened to the cross slide of lathe. By the screw, connecting the head with the prop, the former can be lifted by 200 mm from its lower position. A cylindrical hinge over the screw makes it possible to tilt the head around its horizontal axis through 150°, while it can be swiveled around its vertical axis through 360°. The overall dimensions of the head (height x length x width) are 600 x 560 x 200 mm, it weighs 30 kg. For building-up operations with the ANKEF-1 heads the standard flux grades AH-348 (AN-348) or OCU_{2} -45 (OSTs-45) are used. The repair costs of parts reconditioned by building-up amount to 10 - 30% of the manufacturing costs. There is 1 figure.

Card 3/3

SHLYAPIN, V.B., kand.tekhn.nauk; LEONT'YEV, D.V., inzh.

Cold pressure welding of copper contact wires. Vest. TSMII

MPS 20 no.6:4/-46 '61.

(Electric railroads--Wires and wiring)

(Welding)

SHLYAPIN, V.B.; VINOGRADOV, Yu.G.; SHAKHOV, V.I.; FILIPPOVA, L.S., red.; DROZDOVA, N.D., tekhn. red.

[Build-up welding under flux with a vibrating arc in the repair of rolling stock parts] Vibrodugovaia naplavka pod fliusom detalei podvizhnogo sostava. Moskva, Transzheldorizdat, 1962. 26 p. (MIRA 16:4) (Railroads—Rolling stock—Maintenance and repair)

SHLYAPIN, V.B., kand.tekhn.nauk; VINOSHADOV, Yu.G., ingh.

Investigating the characteristics of the build-up by weaving arc welding under flux. Trudy TSNII MPS no.260:61-81 '63.

(MIRA 16:11)

LEONT'YEV, D.V., inzh.; SHLYAPIN, V.B., kand.tekhn.nauk

Cold welding of alloyed copper conductors. Svar.proizv. no.4:28-29
Ap 164. (MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovateliskiy institut zheleznodorozhnogo transporta Ministerstva putey soobshcheniya.

DECOMPTION, D.V.; SHEMAPIN, V.B.

This welding a comper contact wire. Avtom. svar. 27 no.5:68-72
By '64.

The normal not provided the state of the s

SHLYAPIN, V.F.

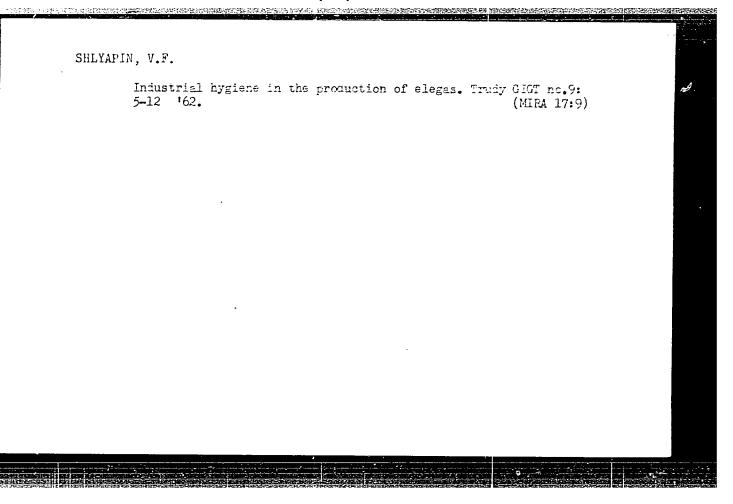
Prevention of poisoning from working with vat liquor remaining from the rectification of Freon-12. Gig. 1 san. 23 no.8:74-75 Ag '58 (MIRA 11:9)

l. Iz Gor'kovskogo nauchno-issledovatel'skogo instituta gigiyeny truda i professiona'nykh zabolevaniy.

(FREONS--PHYSIOLOGICAL EFFECT)

BONGARD, E.M.; SHLYAPIN, V.F. (GOR'KIY)

Clinical aspects of ethylene oxide poisoning. Gig. truda i prof. zab. 4 no.2:9-13 F '60. (MIRA 15:3)



SHLYAPIN, Ya.C.; MoLOTCK, N.P.

Studying the possibility of using natural graphite with an esh content of up-to 0.2% in electric engineering.

TSvet. met. 37 no.11:78-31 N '64.

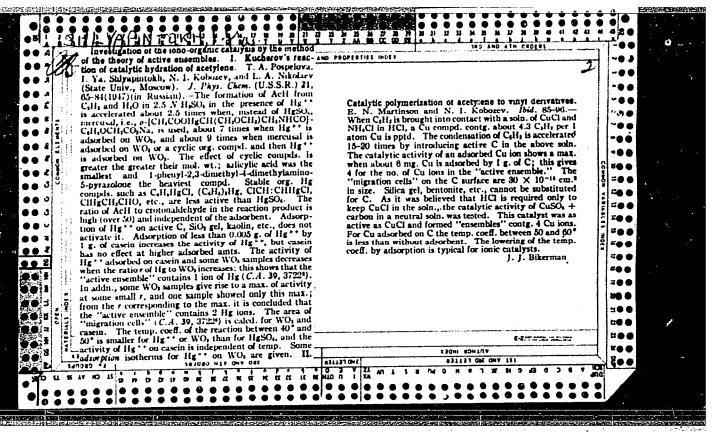
(MIRA 13:4)

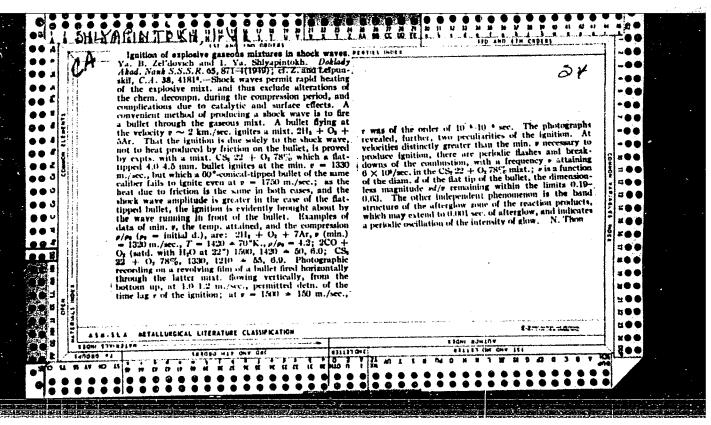
POPOV, G.G.; SHLYAPINA, V.N.

Device for determining the relaxation of stresses in polymers.

Kauch. i rez. 22 no.10:43-44 C '63. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodo-rozhnogo transporta.





ShlyapinToKh, I YA.

USSR/Chemistry - Physical chemistry

Card 1/1 Pub. 22 - 37/47

Authors : Shlyapintokh, I. Ya.

Title : Photosynthesis inhibition by oxygen

Periodical : Dok. AN SSSR 99/1, 141-144, Nov 1, 1954

Abstract : The phenomena observed during oxygen inhibition of a photosensitized auto-

oxidation reaction are described. The fact that oxygen inhibits the photosensitized reaction, which takes place with the participation of chlorophyll and appears to be one of the links of the photosynthesis process, was established. The role of chlorophyll on the hydrogen transfer during the photo-

synthesis is explained. Eleven references: 5-USSR; 4-German and 2-USA

(1912-1953). Graphs.

Institution: Academy of Sciences USSR, Institute of Chemical Physics

Presented by: Academician A. N. Terenin, June 12, 1954