

ACC NR AT6036939

SOURCE CODE: UR/0000/66/000/000/0178/0202

AUTHORS: Polyak, B. I.; Poluboyarinov, D. N.; Balkevich, V. L.

ORG: none

TITLE: Conditions for direct thermoelectric firing of silicon carbide heating elements

SOURCE: Nauchno-tekhnicheskoye obshchestvo chernoy metallurgii. Moskovskoye pravleniye. Vysokoogneupornyye materialy (Highly refractory materials). Moscow, Izd-vo Metallurgiya, 1966, 178-202

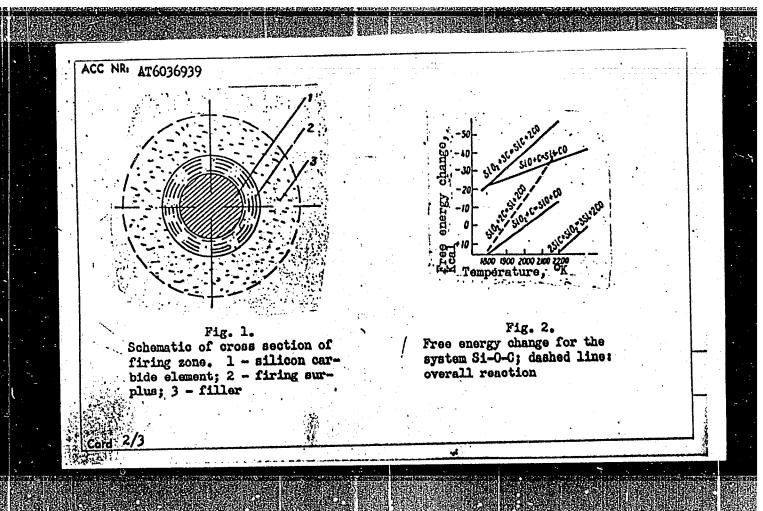
TOPIC TAGS: silicon carbide, electric device, electric equipment

ABSTRACT: The conditions for direct thermoelectric firing of moist and plastic silicon carbide heating elements were studied. The study supplements the results of A. D. Svenchanskiy (Elektricheskiye promyshlennyye pechi. Ch. I, Gosenergoizdat, 1958). Properties of specimens made from five different initial mixtures were investigated. Four of the mixtures were prepared by a plastic compression technique, and the remaining one by a vibration technique. The optimum composition of specimens and the voltage and current during thermoelectric firing were determined. The results are tabulated. An x-ray and microstructural analysis of the specimens was carried out. The experimental results are shown graphically, and a schematic of the

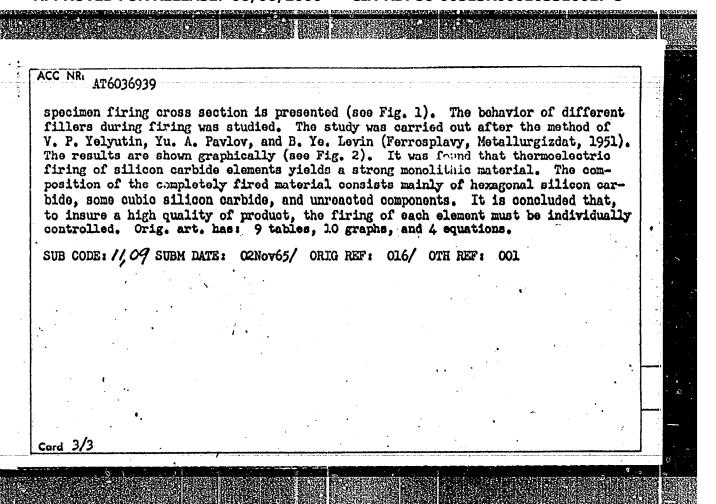
<u>Card</u> 1/3

COST TENED OF THE PARTY ON THE

CTA DESCRIPTION TO THE TANK TO THE TANK TO



APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310017-5'



ACC NR: AT6036941

SOURCE CODE: UR/0000/66/000/000/0213/0220

AUTHORS: Balkevich, V. L.; Polyak, B. I.

ORG: none

TITLE: High-density carborundum electrical heaters

SOURCE: Nauchno-tekhnicheskoye obshchestvo chernoy metallurgii. Moskovskoye pravleniye. Vysokoogneupornyye materialy (Highly refractory materials). Moscow, Izd-vo Metallurgiya, 1966, 213-220

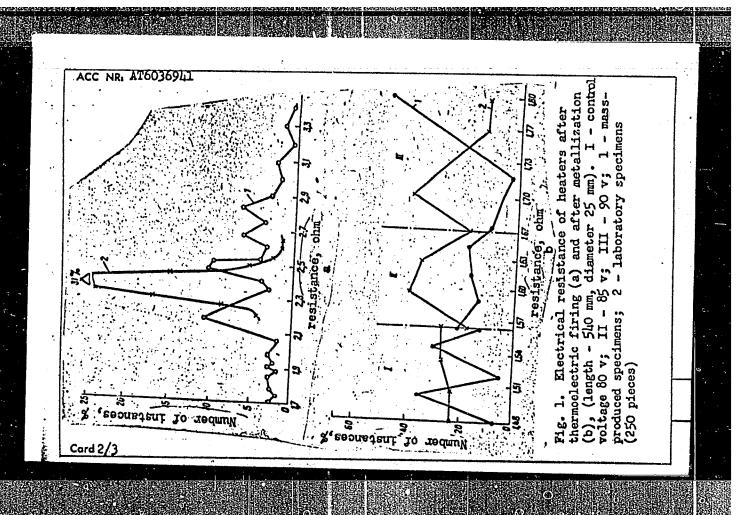
TOPIC TAGS: carborundum, electric device, electric energy, electric equipment

ABSTRACT: The electrical and mechanical properties of carborundum electrical heaters were studied as a function of the grain size composition of the initial materials. Mixtures consisting of three sizes were investigated. The chemical composition, density, porosity, moisture content, and electrical resistance of the carborundum heaters were determined. The experimental results are summarized in graphs and tables (see Fig. 1). It was found that carborundum heaters made of tri-fractional mixtures exhibit higher densities, greater mechanical strength, and more stable electrical characteristics than those of two-fractional mixtures.

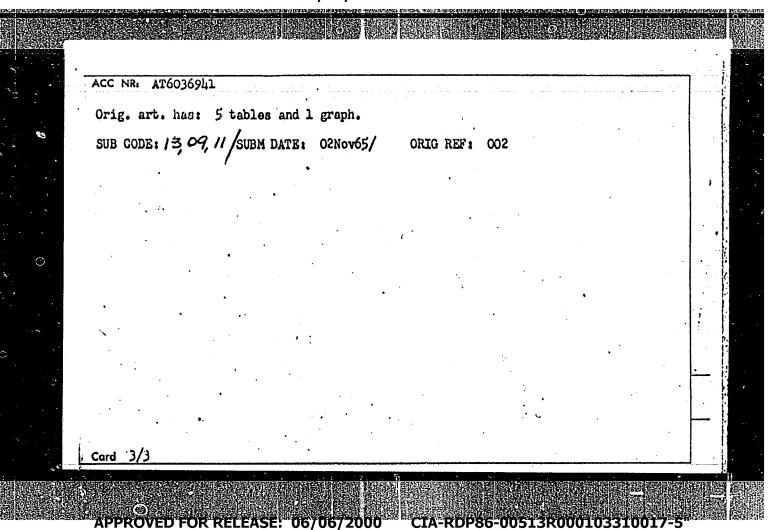
Card 1/3

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103310017-5"



APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310017-5



L 31149-66 EAT(1) SCTB DD

ACC NR: AP5018346

SOURCE CODE: UR/0245/65/000/004/0130/0132

AUTHOR: Balkhashov, I. (Kazandzhik)

3 / 8

ORG: none

TITLE: Concerning hypnopedia and the rapid learning of a foreign language

SOURCE: Voprosy psikhologii, no. 4, 1965, 130-132

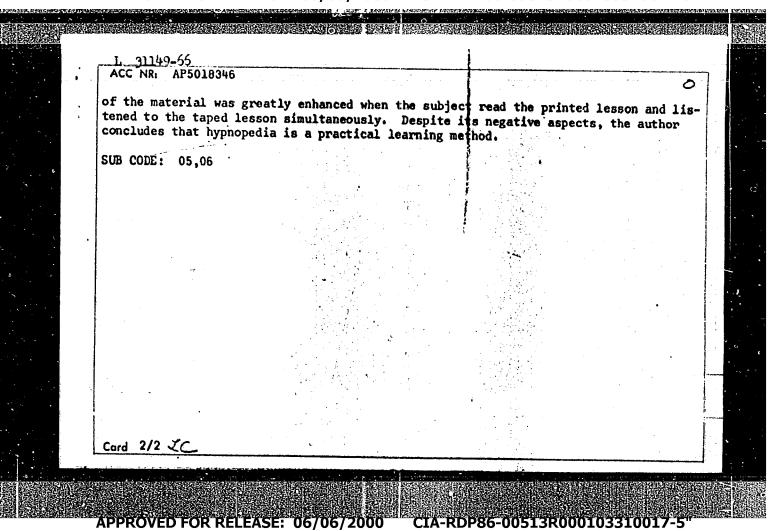
TOPIC TAGS: hypnopedia, psychology, learning mechanism

ABSTRACT: The object of the experiment was to teach a 27 yr old physician to read and translate Italian medical literature. Thirty lessons were taped and played on an MG-56 "Melodiya" tape recorder (with the volume control set on 8) while the subject slept. The experiment was conducted over a six month period. The lessons were played between 6 and 7 am to the sleeping subject and each lesson was repeated 6-7 times. Negative reactions in the subject were noted: nightmares, erotic dreams, violent headaches, hallucinations, decrease in appetite, etc.; as the experiments progressed, these negative reactions vanished. In the final stages of the experiment, the subject complained of prickly sensations in his fingertips. Occasional alcohol intake produced an extremely unpleasant effect on the subject. After 40 hrs of 'sleep learning', the subject could read and understand medical literature with some facility. Memorization

Card 1/2

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103310017-5



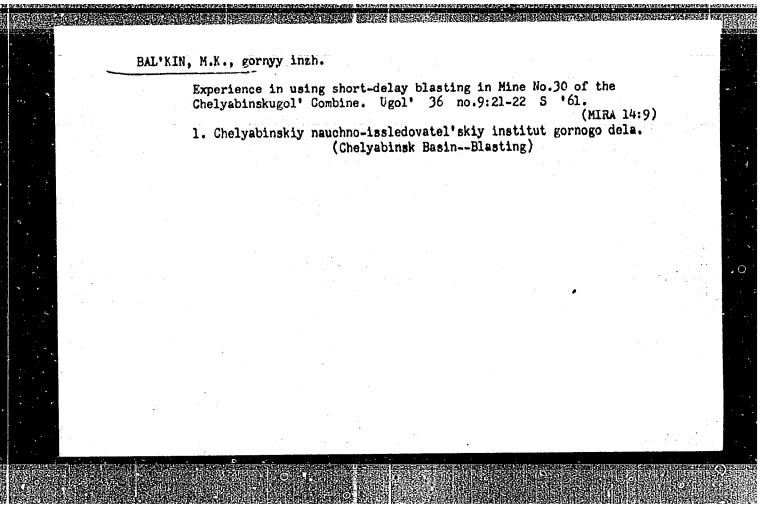
BAL'KIN, H.K., gornyy insh.; GRISHINA, K.N., gornyy insh.

Dependence of boring rapidity on bore head cross section when boring in shale. Ugol' 33 no.2:25-27 1 158. (MIRA 11:2)

1. Chelyaumpa., ugol'nogo instituta.
(Boring machinery) 1. Chelyabinskiy filial Vsesoyuznogo nauchno-issledovatel'akogo

(Shale)

RELEASE: 06/06/2000 CIA-RDP86-00513R0001033100



BAL'KIN, M.K.; KOVALEV, D.T.

Use of the short-delay blasting method for driving inclines.
Ugol' 37 no.11:18-20 N '62. (MIRA 15:10)

1. Chelyabinskiy nauchno-issledovatel'skiy institut gornogo dela. (Chelyabinsk Basin--Coal mines and mining) (Blasting)

BALKIN, N.A., otv. za vypusk; AZIZYAN, A.K., otv. za vypusk;

DUBROVIN, B.A., otv. za vypus; REUT, V.F., otv. za vypusk;

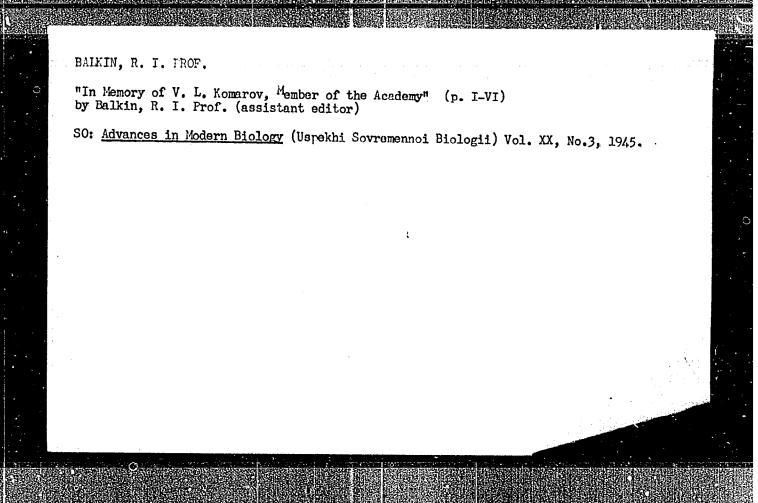
CHEUNENKO, M.B., otv. za vypusk; NOVIKOVA, L.D., tekhn.

red.; MASLENNIKOV, V.V., tekhn. red.; SHUMAN, L.I., tekhn. red.

> [Earth-space-earth]Zemlia - kosmos - Zemlia; sbornik materialov, opublikovannykh v gazete "Pravda." Moskva, 1962. 95 p. (MIRA 15:7)

(Nikolaev, Andriian Grigor'evich, 1929-) (Popovich, Pavel Romanovich, 1930-)

PROVED FOR RELEASE. 06:08/2000 ... CIA ROPES OUR ROOM OF STOCK.



APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310017-5"

DisaKIH, Y L.

PHASE I BOOK EXPLOITATION

807/3862

Raschety na prochnost: teoreticheskiye i eksperimental'nyye issledovaniya prochnosti mashinostroitel'nykhkonstruktsiy; sbornik statey, vyp. 5 (Strength Analysis; Theoretical and Experimental Investigations of the Strength of Machine Elements; Collection of Articles, No. 5) Moscow, Mashgiz, 1960. 298 p. Errata slip inserted. 5,000 copies printed.

Ed.: V.N. Arbuzov, Candidate of Technical Sciences; Ed. of Publishing House:
L.N. Danilov; Tech. Ed.: B.I. Model'; Managing Ed. for Literature on
General Technical and Transport Machine Building (Mashgir): A.P. Korlov,
Engineer; Editorial Board: G.S. Glushkov, Doctor of Technical Sciences,
Professor; V.N. Makushin, Candidate of Technical Sciences, Docent (Secretary);
S.D. Ponomarev, Honored Scientist and Technologist of the RSFSR, Doctor of
Technical Sciences, Professor; S.V. Serensen, Member of the Academy of Sciences
UkrSSR, Doctor of Technical Sciences, Professor; S.N. Sokolov, Doctor of
Technical Sciences, Professor; N.D. Tarabasov, Doctor of Technical Sciences,
Professor; and Ye.N. Tikhomirov, Honored Scientist and Technologist of the
RSFSR, Professor (Chairman).

Card 1/8

Strength Analysis (Cont.)

SCV/3862

FURPOSE: The book is intended for engineers and scientists specializing in stress analysis.

COVERAGE: This collection of 15 articles deals with the design and calculation of machine elements for strength, rigidity, and stability. The collection is divided into thresections; 1) calculation for strength, 2) stress and strain analysis, and 3) calculation for stability. Methods and formulas for calculating strength parameters are presented. No personalities are mentioned. References follow several of the articles.

TABLE OF CONTENTS:

SECTION I. DESIGN OF PARTS FOR STRENGTH AND RIGIDITY

Ponomarev, S.D. Rigidity of Belleville Springs Under Elastic Deflection Load deflection characteristics of Belleville springs and height-to-thickness ratios are studied and the respective stress and fatigue-loading formulas deduced. A new formula is presented for computing the maximum compression stress. The formula is claimed to be superior, as far as accuracy is concerned, to the formula suggested by Almen and Laszlo.

Card 2/8

80V/3862 Strength Analysis (Cont.) Determination of ultimate load responses in rigidly fixed thin trapezoidal plates and an analysis of tension-compression characteristics are presented. Improved formulas for flexure, experimentally proven, are deduced. Yelpat'yevskiy, A.N. [Candidate of Technical Sciences]. Determination 146 of the Optimum Length of a Thin-Walled Reinforcing Bar [Plate] Formulas for stress and deflection per type of load are deduced to determine the optimum parameters of the reinforcement. SECTION II. STRESS ANALYSIS OF CONSTRUCTIONAL ELEMENTS Berman, M.E. (Deceased) [Candidate of Technical Sciences]. Stresses in Circular Coils of Round Cross Section Loaded by an Arbitrary System 155 of Forces Stress-strain relations in circular round-wire coils [coil springs] are studied. A new formula for computing the transverse stress distribution is deduced. Balkin, V.I. [Engineer]. Determination of the Bending Center in Thick-171 Walled Shapes Bending-stress computations for an equilibrium condition are presented Card 4/8

Strength Analysis (Cont.)	sov/ 3862
and equations for determining the "center	of flexure" deduced.
Obodovskiy, B.A. [Candidate of Technical Sci Flexure of a Hollow Bar of Elliptical Cross	Section 182
Yanpol'skiy, A.R. [Candidate of Technical So Solution of the Problem of Torsion of a Bar Case of Anisotropy	riences, Docent]. for One Particular 191
Makhonina, T.M. [Engineer]. Elastoplastic & Annular Disk in the Case of Work-Hardening & Power Function Loading of specimens until the stress engrange and the phenomenon of strain-hardensize analyzed for both solid disks and distince center. Theoretical stress-concentrate deduced.	Tharacterized by 212 ters the inclastic ning [work-hardening] sks with a hole in

ACCESSION NR: AT4042450

\$/0000/64/000/000/0168/0178

AUTHOR: Balkind, L. V.

TITLE: Dynamic properties of an electrohydraulic drive with feedback related to

SOURCE: Vsesoyuznoye soveshchaniye po pnevmo-gidravlicheskoy avtomatike. 5th, Leningrad, 1962. Pnevmo- i gidroavtomatika (Pneumatic and hydraulic control); materialy* soveshchaniya. Moscow, Izd-vo Nauka, 1964, 168-178

TOPIC TAGS: automatic control system, automation, hydraulic control system, electrohydraulic drive, feedback, hydraulic drive frequency characteristic ...

ABSTRACT: The paper deals with an electrohydraulic drive with a dual amplifier have ing a controlling element of the "nozzle-damper" type and a feedback system which depends on the drive mechanism rate. The purpose of the paper is to determine the frequency characteristics of the hydraulic drive and to study the influence of the individual system parameters on its properties. An analog computer of the EMU-8 type was used to solve the differential equations which were derived. After stating the problem, the author discusses: the equation of damper equilibrium in the hydraulic amplifier; the equation of motion of the distributive valve; the equation Qf motion of the rotary hydraulic motor; the equation of the rate feedback element;

· . .		•	· · · ·						
ACCESSION NR	: AT4042450		****	Marken 1447		والمستدم المراج	• • • • • • • • • • • • • • • • • • • •	· compa	
results are	quations and quati				ISTICS O	r the obe	1000	tion of hydra- umarica	
ASSOCIATION:	none					. ••.	•		
SUBMITTED: 2	9Jan64					Fuer -			
SUB CODE: 1E		NÓ	REF SOV:	ool		ENCL:	00		
				004		OTHER:	100		
		7.7							
								•	
								•	
2/2									
		and the second second				• •			

BALKIND, Ya. V., Engr.

Cand. Tech. Sci.

Dissertation: "Application of the Quadratic Integral Characteristics of Disturbances to the Problem of Rational Selection of the Damping Coefficient and the Extent of Airplane Longitudinal Static Stability." Red Banner Order of Lenin Military Aeronautical Engineering Academy imeni N. Ye. Zhukovskiy, 9 Apr 47.

SO: Vechernyaya Moskya, Apr, 1947 (Project #17836)

BALKIND Ya V

PHASE I BOOK EXPLOITATION

SOV/5822

- Alekseyev, Semen Mikhaylovich, Yakov Vladimirovich Balkind, Aleksandr Mironovich Gershkovich, Veniamin Semenovich Yeremin, Aleksandr Solomonovich Povitskiy, and Naum L'vovich Umanskiy
- Sovrementy e sredstva avariynogo pokidaniya samoleta (Modern Facilities for the Emergency Abandonment of an Airplane) Moscow, Oborongiz, 1961. 450 p. Errata slip inserted. 4000 copies printed.
- Reviewer: A. G. Brunov, Engineer; Ed.: A. I. Sokolov, Engineer; Ed. of Publishing House: A. G. Belevtseva; Tech. Ed.: P. V. Shcherbakov; Managing Ed.: S. D. Krasil'nikov.
- PURPOSE: This book is intended for engineering and technical personnel in the aircraft industry, scientific workers, and flying and technical personnel of the Soviet Air Force.
- COVERAGE: Based on non-Soviet sources, the book reviews briefly the development of flyers' escape equipment, describes the construction of ejection seats, and gives design and calculation

Card 1/12

wrechet for et ease de merchot - ca-reire dom endezhet do t-e

Modern Facilities (Cont.)

SOV/5822

data for ejection seats and ejection-seat parachutes. Information is included on the calculation of the trajectory of the ejected seat, its stabilization, and the aerodynamic loads involved. Attention is given to methods of escaping from aircraft flying at high speeds and at high and low altitudes. Information on problems connected with oxygen equipment, protective clothing, and testing facilities is also included. No personalities are mentioned. The authors thank A. G. Brunov, F. D. Tkachev, and N. I. Aleksandrova, Engineers, for valuable suggestions; and N. A. Lobanov, Candidate of Technical Sciences, for writing Subheading 9 of Ch. III. There are 34 references: 31 Soviet (5 translations), and 3 English.

TABLE OF CONTENTS:

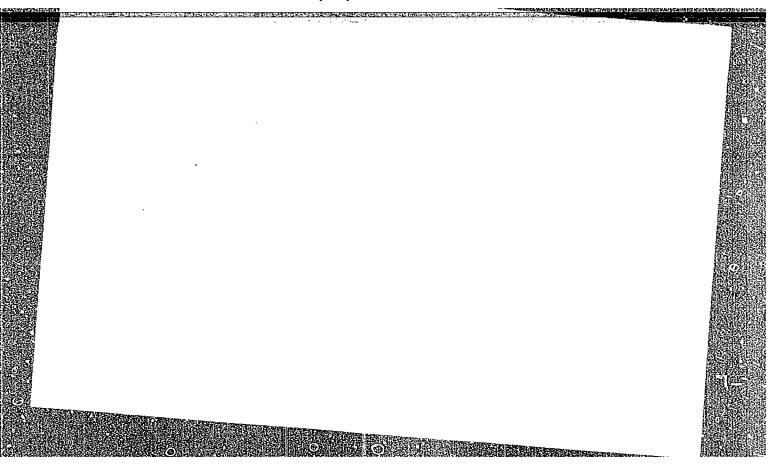
Foreword

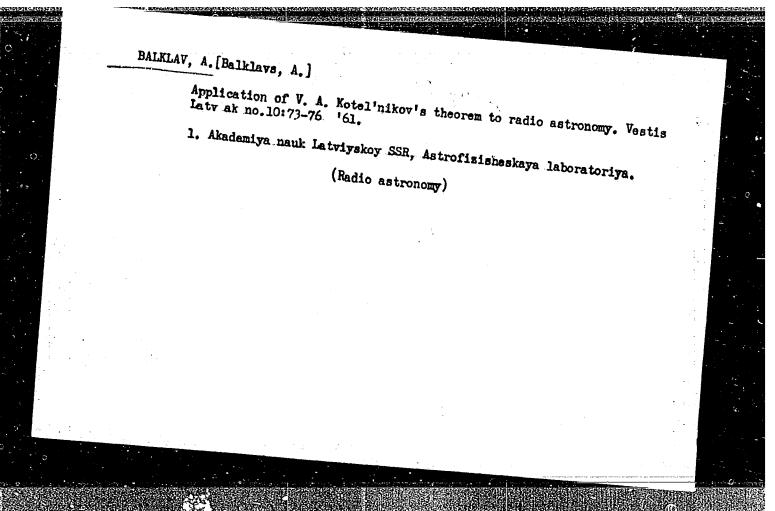
3

Ch. I. General Information on Modern Escape Facilities for Airoraft Crews in Distress

5

Card 2/12





BALKIAV, A. [Balklavs, A.]

Restoration of the true distribution of the brightness of radio emission sources by methods of approximation. Ventis Latv

1. Astrofizicheskaya laboratoriya AN Latviyskoy SSR.

3,1700

S/141/62/005/004/001/009 E140/E435

AUTHOR:

Balklav, A.

TITLE:

Approximate methods of data reduction in

radioastronomy

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Radiofizika, v.5, no.4, 1962, 629-639

TEXT: The problem discussed is that of the error in radio-astronomical measurements caused by the non-uniform spectrum of the receiver. Approximate methods of introducing the necessary corrections are used in classical optics and can be applied in radioastronomy. The common theoretical basis for these methods is the Fourier transform. On the basis of the formulae discussed in the article, an automatic reduction system is proposed, based on perforated tape and a special purpose digital computer. The method used an expansion in the form of a trigonometric series due to Kotelnikov

$$T_{a}(\phi) \simeq \sum_{n=-m}^{m} T_{a}(n\tau) \left[\frac{\pi}{\tau} (\phi - n\tau) \right]^{-1} \sin \left[\frac{\pi}{\tau} (\phi - n\tau) \right]$$
 (13)

Card 1/2

S/141/62/005/004/001/009 E140/E435

Approximate methods of data ...

where $T_a(\phi)$ is the actual spectrum measured and τ is the constant interval at which measurements are taken. Several reasons are given for considering this to be the most suitable of the various approximations discussed in the article. There are 9 figures.

ASSOCIATION: Astrofizicheskaya laboratoriya AN Latviyskoy SSR

(Astrophysical Laboratory of AS Latvian SSR)

SUBMITTED: October 28, 1961

Card 2/2

Investigation of the spatial frequency spectrum of a regular interferometer having N antennas. Vestis Latv ak no.7157-64 162.

1. Astrofizicheskaya laboratoriya AN datviyskoy SSR.

41511

B/197/62/000/008/003/003 B117/B186

AUTHOR:

Balklav, A.

TITLE:

Investigation of space frequency spectrum of multipleantenna radio-interferometer with phase modulation

PERIODICAL:

Akademiya nauk Latviyskoy SSR. Izvestiya, no. 8 (181), 1962,

67-74

TEXT: The author investigated the problem of reducing the observation pattern of radioastronomical spatial frequency spectra of an N-antenna radio-interferometer with the aim of obtaining the true radiointensity of the sky. For this purpose, the author analyzed the set-up of N unequal antennas arranged in one line with different distances between the phase centers and different directional diagrams (radiation patterns). The true directional diagram of the radio-interferometer under consideration was derived on the basis of data calculated by N. Ryle (Nature, 1948, vol. 162) and N. F. Barber (Electr. and Radio Eng., vol. 36, 1959, No. 6). It is suggested that the signal of each antenna should pass the minimum through one triplet. In this case, allowance is made for the branching of

Card 1/2

Investigation of space frequency ...

\$/197/62/000/008/003/003 B117/B186

triplets. When the signal from the k-th antenna, in the general case, passes through n triplets before it reaches the feed line leading directly to the receiver, $a_k(y)$ being the directional diagram of individual antennas is to be multiplied by the coefficient

 $(\sqrt{2})^{-n}$. To eliminate distortions and to obtain correct values for observation data by using phase modulation, an optimum form of $A(\varphi) = (1/\pi) \cdot \sin \omega_0 \varphi/\varphi$ is achieved, which offers possibilities of

recording observations without distortions. Thus, it is shown that radiointerferemeters with optimum directional diagrams may be designed by using comparatively simple circuit diagrams and considering the proper size of aperture and proper choice of distances between the adjacent antennas. Phase-modulated radio-interferometers have smoother spectra and are less sensitive than interferometers designed according to the equivalent antenna method or compensation method. There are 4 figures.

ASSOCIATION:

Astrofizicheskaya laboratoriya AN Latv. SSR (Astrophysical

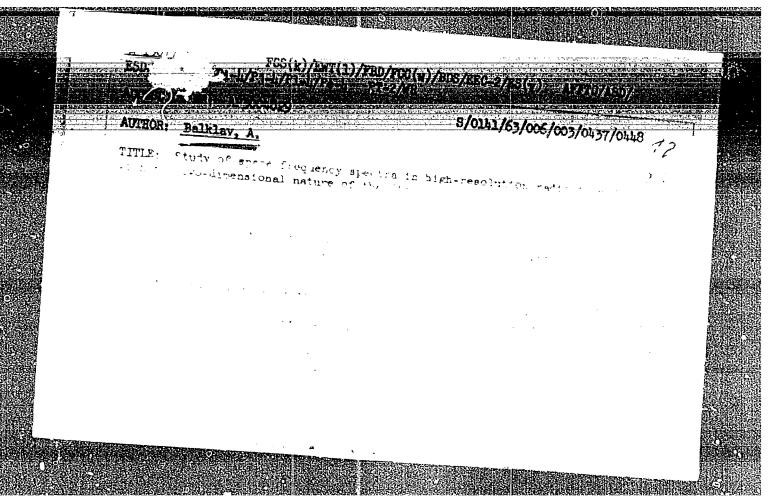
SUBMITTED:

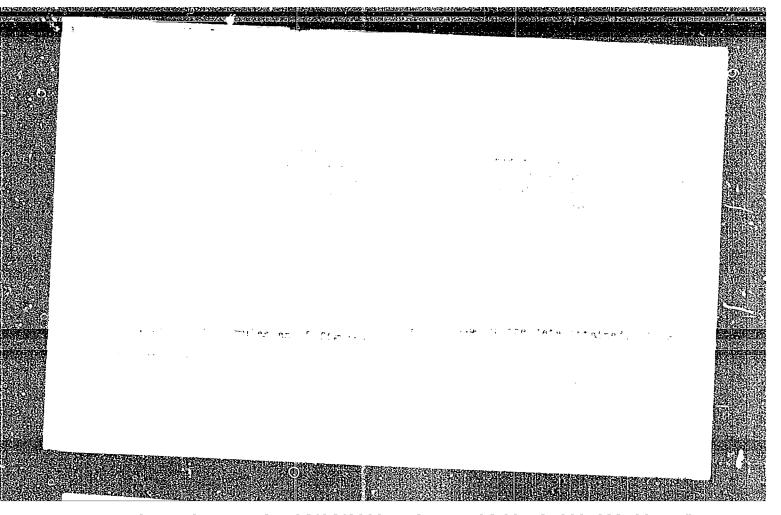
February 8, 1962

Card 2/2

0

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310017-5





APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310017-5"

ACCESSION NR: AP3005547

AUTHOR: Balklav, A.

s/0197/63/000/006/0059/0064

TITLE: Reduction in the case of a uniformly illuminated aperture

SOURCE: AN LatSSR. Izvestiya, no. 6, 1963, 59-64

TOPIC TAGS: antenna smoothing, radio noise temperature distribution, radio brightness temperature distribution, aperture, uniformly illuminated aperture, antenna

ABSTRACT: The actual radio noise temperature distribution T(0) is reconstructed from the observed distribution $T_{a}(0)$ in the case of a uniformly illuminated aperture of a radio telescope antenna. The method involves finding a smooth

 $T_{\alpha}(\varphi) = \int_{\mathbb{R}} A (\varphi - \beta) T(\beta) d\beta$

where A(Φ) is the radiation pattern of the antenna. The solution has the property

Card 1/32

APPROVED FOR RELEASE: 06/06/2000

ACCESSION NR: AP3005547

that $\overline{T}_0(s) = \overline{T}(s)$ for |s| < s and $\overline{T}_0(s) = 0$ for $|s| > s_0$, where $\overline{T}_0(s)$ and $\overline{T}(s)$ are the Fourier transforms of $T_0(\phi)$ and $T(\phi)$ and s_0 is the critical spatial frequency. The method differs from the usual approximate methods in that it gives a solution accurate up to the critical spatial frequency. This is possible because the analytical form of the radiation pattern is assumed known and the aperture is assumed to be uniformly illuminated. In order to simplify the expression for $T_0(\phi)$ in the case of a bounded spectrum, it is observed that

$$T_0(\varphi) = \sum_{\substack{m=-\infty \\ m}}^{\infty} T_0(m\tau) \frac{\sin \frac{\pi}{\tau} (\varphi - m\tau)}{\frac{\pi}{\tau} (\varphi - m\tau)}.$$

Expressions for $T_0(mT)$, which can be machine-computed, are given. Mathematical supplements are added to justify the operations used in the derivation of the formulas. Orig. art. has: 17 formulas.

ASSOCIATION: Astrofizicheskaya laboratoriya AN Latv. SSR (Astrophysical Laboratory AN Latvian SSR)

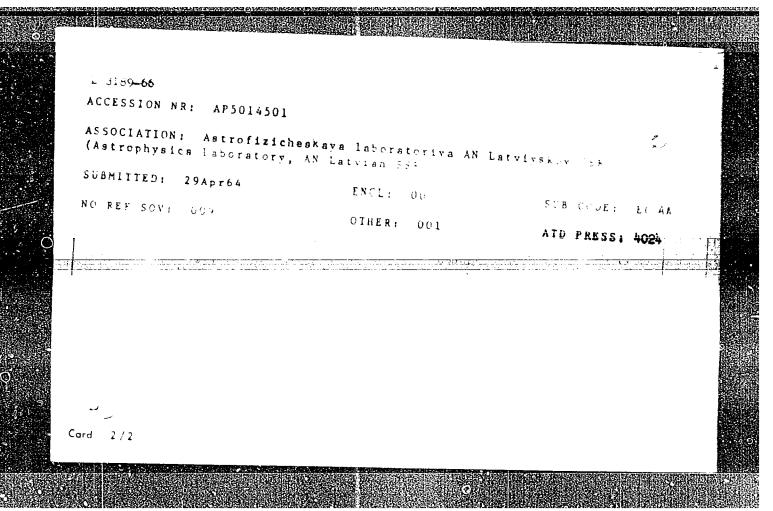
Cord 2/3/ 2

5nb: 72 Feb 6.3

BALKLAV, A.

Investigating the space frequency spectrum of radio interferometers of high resolving power. Izv. GAO 23 no.3:104-115 '64. (MIRA 17:11)

and the second second ACCESSION NR: ACSO14501 F 141-65 008/002/0244 0250 621,396.67:523.164 AUTHOR: Balklav, A. TITLE: Reduction (of brightness temperature distribution) by taking into account radio-interferometer pass bands SOURCE: IVUZ. Radiofizika, v. 8, no. 2, 1965, 244-250 TCPIC !AGS: cosmic radio emission, brightness temperature determination, radio interferometer, radio en al o A court of the order temperature to be the tree distribution of tristiness temperature of cosmic radius emission as messes of cosmic See Ceest that is consider meter are delived which take into account the high directivity of the acteona system. expressions are trem used to determine the indicating distribution of the Fightness tem, erature of cosmic ratiat, a sources, rig. art. has; cligure Cord 1/2 $\{JR\}$



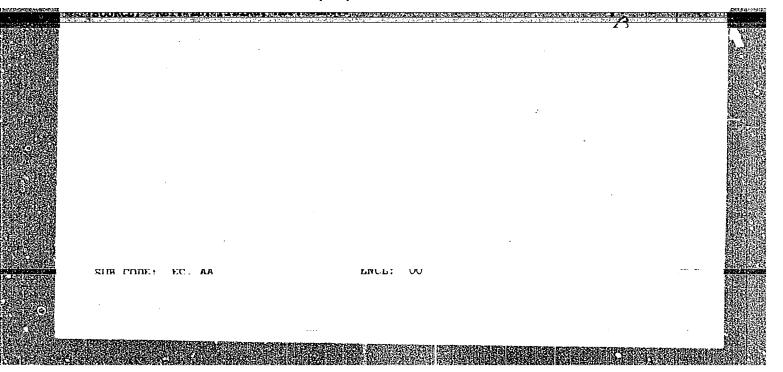
ACC NR. AP6010266	EMALL) OLINS 2	PCF CODE:	UR/0371/66/000/0	
AUTHOR: Balklav, A. E. (OK/ 03/1/66/000/(JU1/19060/0070
ORG: Astrophysical Labora SSR)	atory AN Laty, SSR ()	Astrofizich	eskaya laborator	iya AN Latv.
	ultiplication to form	the direc	tional pattern o	f radio inter-
SOURCE: AN LatSSR. Izvest 50-70	tiya. Seriya fiziches	skikh i tek	nicheskikh nauk	, no. 1, 1966,
COPIC TAGS: interferomete	er, radio telescope,	antenna rad	liation pattern.	frequency
BSTRACT: The author dent	une evamonia F-			
ion conditions. Prequenc	w multiplication ber	ument opera	tes in frequence	y multiplica-
everal examples are exami s shown that frequency mu	ned on the basis of	the resulta	er interference nt general expr	is considered.
err of radio telescopes a	ind radio intenference	used to cor	strict the direc	ctional pat-
rease the resolution. Com	enstriction of the and	tera. Howe	ver, this does n	not always in
ttenuated by a factor of	2^{n-1} in comparison wi	ith the fir	st harmonic. Th	e signal-to-
				D.

L 24455-66 ACC NR: AP6010266

-noise ratio is reduced by the loss in sensitivity. From this standpoint, frequency multiplication after interference is more advantageous than before interference. Actually, interference takes place only after an intrease in the signal strength from each antenna in the case of frequency multiplicator before interference there is noise in the nonlinear step which pions is the signal increase of that the noise from the W steps arrives at the receiver together with the useful signal. In the case of frequency multiplication after interference, only a single nonlinear step is necessary which means an increase in the signa.-to-noise ratio. The difference between the two systems is reduced when low-noise nonlinear elements are used. It is shown that the interferometer factor in the case of frequency multiplication before interference remains the same as for an ordinary radio interferometer except that the effective distance between antennas is multiplied by a certain factor. The factor for a radio interferometer with frequency multiplication after interference is the same as for a conventional radio interferometer, but reised to the n-th power. The period of the lattice factor remains the same in this case as for an ordinary interferometer. Peaking of the lobes takes place in both cases. (rig. art. has: 17 formulas.

SUB CODE: 20,09/ SUBM DATE: 03Apr65/ OPIC REF: 007/ OTH REF: 000

Cord 2/2 > >~



BAL'KO, B. Ye. Cand Biol Sci -- (diss) "Study of the tempo of motions reactions of athletes." Len, 1957. 20 pp 22 cm. (State Order of Lenin and Order of Red Banner Inst of Phys. Culture im P. F. Lesgaft). (KL, 13-57, 98)

-18-

BAL'KO, B.Ye., kand. biol.nauk, otv. red.

[Reports of the Second Scientific Conference Dedicated to the Problems "Climate, Training, Sports"] Doklady II Nauchnoi konferentsii, posviashchennoi probleman "Klimat, uchenie, sport. Tashkent, Nauchno-issl. in-t pedagog. nuak, 1963. 237 p. (MIRA 17:8)

1. Nauchnaya konferentsiya, posvyashchennaya problemam "Klimat, ucheniye, sport," 2d, 1963.

BALKO, Mihaly (Budapest)

Forum of innovators. Ujit lap 17 no.9:62 18 My '65.

BALKOBA, F. F.

Ealkoba, N. F. - "On the accelerated coming into heat of sheep in the Buryat-Mongel ASSR", (In index: N. F. Halkova), Trudy Buryat-Mongel. opyt. stantsii po zhivetnovedstvu, Issue 1, 19/9, p. 30-51.

80: U-4631, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 2h, 19h9).

BALKOV, I.Ya., starshiy nauchnyy sotrudnik

Effect of the methods of seed growing on the susceptibility of plants to smuts. Zashch.rast.ot vred.i bol. 5 no.3:21-22 Mr '60. (MIRA 16:1)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva TSentral'noy chernozemoy polosy imeni V.V.Dokuchayeva.

(Smuts) (Seed production)

APPROVED FOR RELEASE: 116/06/2000

BALKOV, I.Ya., starshiy nauchnyy sotrudnik

Effect of harvesting dates on the infection of plants with loose smut. Zasheh. rast. ot vred. i bol. 6 no.8:55 Ag '61.

1. Institut sel'skogo khosyaystva TSentral'noy chernozemnoy polosy imeni V.V. Dokuchayeva.

(Smuts)

BALKOV, M., strakhovoy delegat, slesar!

Success depends on knowledge and experience. Okhr.truda i sots. strakh. 6 no.1:16617 Ja '63. (MIRA 16:1)

1. Khar'kovskiy zavod imeni Malysheva.
(Kharkov—Industrial hygiene)

BALKOV. Mikhail Nikolayevich[deceased]; KURMAYEVA, V.M., red.;

RADNAYEV, A.M., tekhn. red.

[Buryat cattle, its origin and ways for its improvement]Buriatskii krupnyi rogatyi skot, ego proiskhozhdenie i puti ulushcheniia. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1962. 249 p.

(Buryat A.S.S.R.—Cattle)

(MIRA 16:3)

S/119/60/000/012/013/015 B012/B063

AUTHORS:

Balkov, P. P. Dashevskiy, T. B., Koval', V. A.,

Likhnitskiy, G. V., and Podsvyadek, A. V.

TITLE:

Electric Crane Weighing Machine With Tensometer

PERIODICAL:

Priborostroyeniye, 1960, No. 12, pp. 27-28

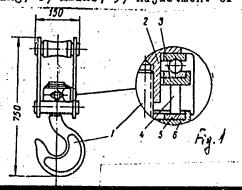
TEXT: Odesskiy SKBIM (Odessa SKBIM) and zavod tyazhelogo vesostroyeniya im. Starostina (Plant for the Construction of Heavy Scales imeni Starostin) have designed a series of electric crane weighing machines for 5, 10, 15, and 30 tons. Fig. 1 is a schematic representation of the tensometer. The elements 4 are elastic quadratic columns made of 40X (40Kh) steel with HCR = 42-45. Two active and two compensating strain gauges are attached to each element. The strain gauges are connected to a bridge shown in Fig. 2. The secondary indicating and recording device is based on an automatic electronic potentiometer of the type 300-9 (EPP-09). Fig. 3 shows the basic circuit diagram of the crane weighing machine. The dial of the device is divided into two ranges in order to increase the accuracy of reading. The maximum permissible error in reading is $\pm 0.5\%$ of the upper measuring limit. The minimum weighing time is 8 sec. There are 3 figures.

S/119/60/000/012/013/015 B012/B063

Text to Fig. 1: Schematic Representation of the Tensometer of the Crane Weighing Machine; 1) Hook; 2) Nut; 3) Thrust ring; 4) Load-measuring cell; 5) Lower thrust ring; 6) Cross member.

Text to Fig. 2: Circuit Diagram of the Strain Gauges; 1-4: Load-measuring cells; 5) to the amplifier; 6) Feed of the bridge.

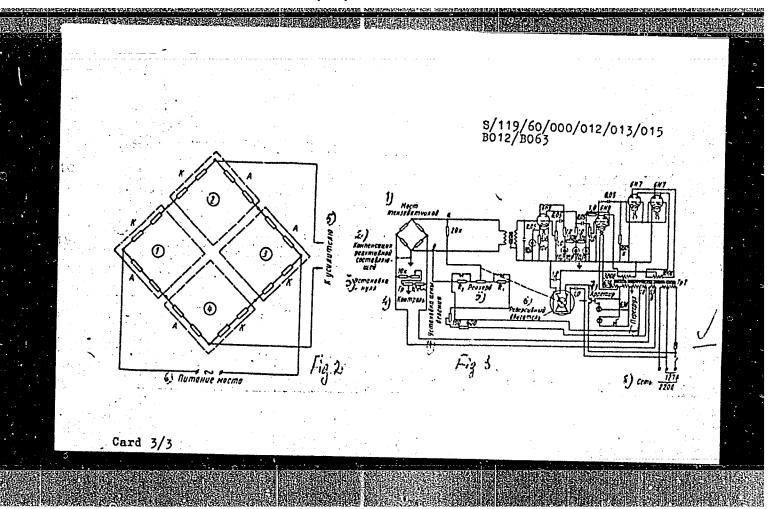
Text to Fig. 3: Basic Circuit Diagram of the Crane Weighing Machine With Tensometer; 1) Strain-gauge bridge; 2) Compensation of the reactive component; 3) Zero adjustment; 4) Control; 5) Rheochord; 6) Reversible motor; 7) Device for stopping; 8) Mains; 9) Adjustment of graduation; 10) Overload.



Card 2/3

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103310017-5"

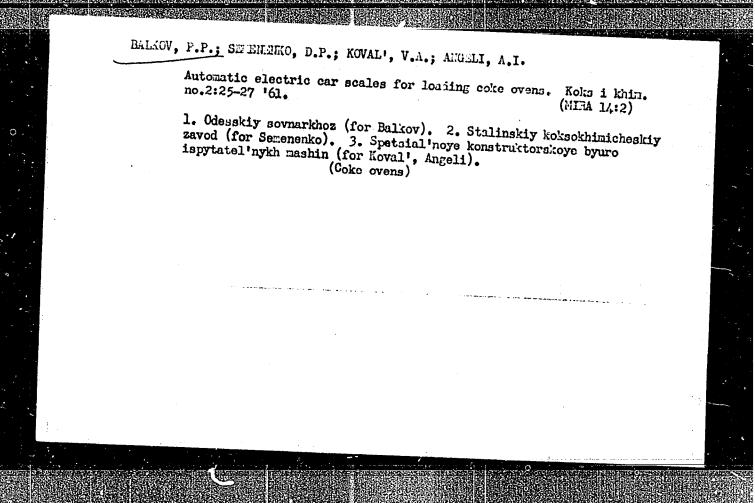


APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310017-5"

BALKOV, P.P.; DASHEVSKIY, T.B.; KOVAL*, V.A.; LIKHNITSKIY, G.V.; REKHTER,

Standardizing dial-plate heads for weighing devices. Standartizatsiia 24 no.5:30-32 My *60. (MIRA 14:3) (Weighing machines—Standards)

ADDROWER SER BEZER CHARLESTEN ORDER TO A DESPERABLE OF THE ORDER



BALKOV, P.P.; DASHEVSKIY, T.B.; KOVAL', V.A.; LIKHNITSKIY, G.V.; FODSVYADEK,

Electric tensometer-equipped scales. Izm.tekh. no.10:17-20 0
'61. (MIRA 14:11)
(Scales (Weighing instruments))

Translation from: SOV/14-57-12-25551 Referativnyy zhurnal, Geografiya, 1957, Nr. 12,

AUTHOR:

Balkov, V. A.

TITLE:

Formation of Contemporary Meanders in the Belaya River (K voprosu ob obrazovanii sovremennykh meandr r.

PERIODICAL:

Uch. zap. Molotovsk. un-t, 1956, Vol 10, Nr 2, pp 143-

ABSTRACT:

The author uses one meander in the lower course of the Belaya River as an example, and analyzes meander rectification and the changes which this process occasions in adjacent sections of the river. He comes to the conclusion that rectification of one meander creates a new meander farther downstream. After a meander is cut off, the spring river flow acts on the new course while the ox bow begins to diminish. These two

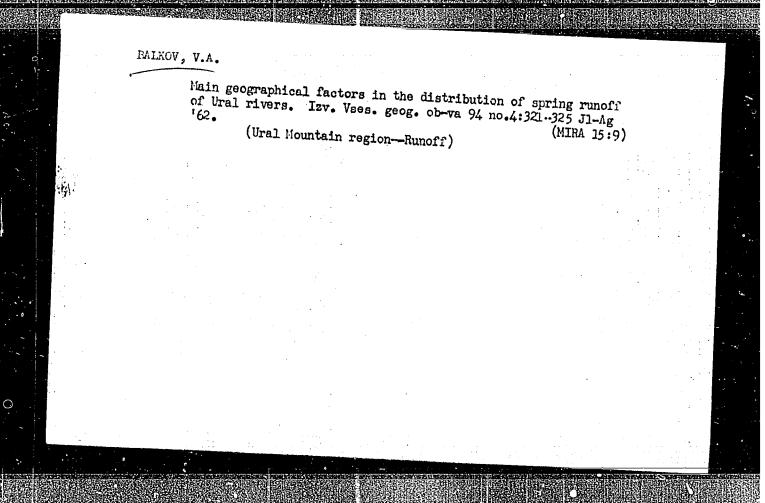
Card 1/2

APPROVED FOR RELEASE: 06/06/2000

Formation of Contemporary Meanders in the Belaya River (Cont.)

processes are interrelated and continue with an increasing intensity. Meander development studies have both theoretical and practical importance. When the process is understood, it is possible to ascertain the proper time at which river channel rectification can be card 2/2

A. P. G.



APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310017-5"

BALKOV, V.A., Cand Geog Sci-(diss) "Study of spring drain of the water-collecting Perm' reservoir for the purpose of forecasting." Perm', 1958. 18 pp incl cover (Min of Higher Education USSR. Perm' State U im A.M. Gor'ky), 160 copies (KL, 30-58, 123)

-32 -

3(7) AUTHOR:

Balkov, V. A.

SOV/50-59-2-9/25

TITLE:

Calculation and Forecast of a Hydrograph for the Spring Water Supply to the Reservoir Considering the Physico-geographical Characteristics of the Formation of Flow in the Catchment Area (Raschet i prognoz gidrografa pritoka vesennikh vod k vodokhranilishchu na osnove ucheta fiziko-geograficheskikh osobennostey formirovaniya stoka na vodoshore)

PERIODICAL:

Meteorologiya i gidrologiya, 1959, Nr 2, pp 39 - 42 (USSR)

ABSTRACT:

The possibility of calculating and forecasting the hydrograph of the spring water supply in consideration of the physico-geographical properties of the individual parts of the catchment area is explained. The calculation and forecast of the hydrograph concerning the spring water supply to the Kamskaya GES (Kama water-power plant) reservoir is given as an example. By comparing the hydrographs of spring floods of rivers in consideration of the physico-geographical properties and anlyses of the rainfall in 27 catchment areas it was found that the catchment area can be divided into more or less similar sections according to the formation

Card 1/2

Calculation and Forecast of a Hydrograph for the SOV/50-59-2-9/25 Spring Water Supply to the Reservoir Considering the Physico-geographical Characteristics of the Formation of Flow in the Catchment Area

of flow of spring floods. Based on these investigations a typical catchment area with typical conditions of formation of flow of spring floods and a typical form of the hydrograph could be found in each section. The formulas necessary for the calculation and forecast of the hydrograph are given.

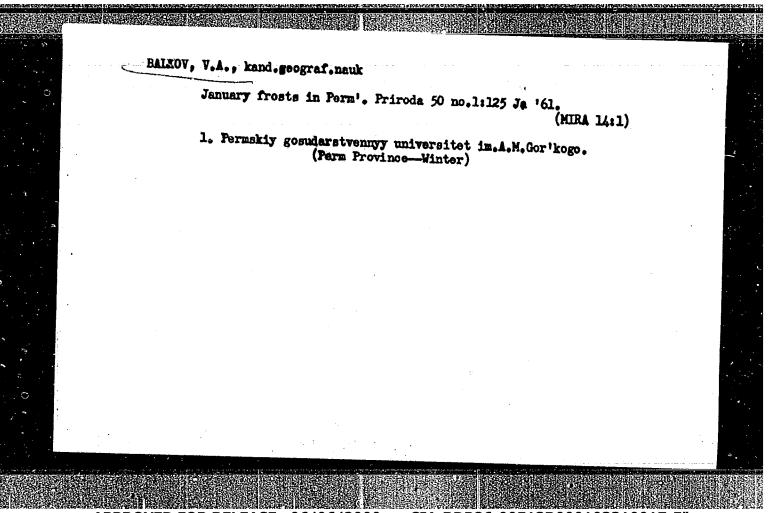
Card 2/2

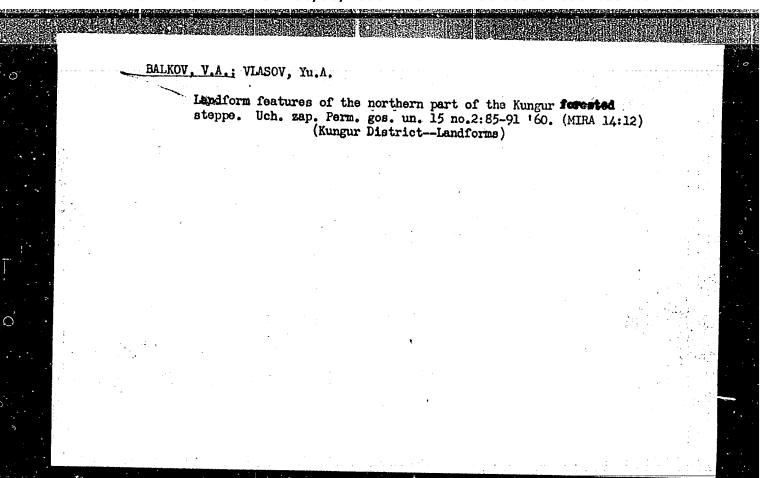
MAKSIMOVICH, G.A., prof., red.; BALKOV, V.A., dots., red.;

VASIL'YEV, B.V., dots., red.; GORBONOVA; K.A., dots., red.; MATVEYEV, B.K., dots., red.; MIKHAYLOV, G.K., inzh., red.; OBORIN, V.A., dots., red.; PECHERKIN, I.A., dots., red.; STARTSEV, V.S., dots., red.; SHIMANOVSKIY, L.A., inzh., red.

[Methods for studying karst; transactions] Metodika izucheniia karsta; trudy. Perm', Permskii gos. univ. Nos. 2, 4, 5, 10. 1963. (MIRA 17:12)

1. Vsesoyuznoye soveshchaniye po metodike izucheniya karsta.





BALKOV, V.A.; SHKLYAYEV, A.S.

Changes in the breakup dates of the Kana River near the city of Perm in connection with the warming of the climate. Uch. zap. Perm. gos. un. 15 no.2:103-107 '60. (MIPA 14:12) (Kama River—Ice on rivers, lakes, etc.)

SHKLYAYEV, Aleksandr Sergeyevich; BALKOV, Vladimir Aleksandrovich; VERSHININ, T.I., red.; YEZOV, G.M., tekhn. red.

[Climate of Perm Province] Klimat Permskoi oblasti. Perm', Permskoe knizhnoe izd-vo, 1963. 189 p. (MIRA 17:2)

SEDLAK, J.; GALANDA, V.; Technicka spolupraca: BALKOVA, M.

Acquired cystinuria, Cas. lek. cesk. 102 no.39:1070-1072

1. Centralne laboratorium OUNZ v Martine, prednosta J. Sedlak, prom. lekar Detske oddelenie OUNZ v Martine, veduci MUDr. V. Galanda.

(CYSTINURIA) (GLOMERULONEPHRITIS)

Cattlei USSR / Farm Animals!

Abs Jour : Ref Zhur - Biologiya; No 2, 1959, No. 7343

Author

Inst Title : Balkova, T. M. : Moscow Veterinary Academy

: The Dynamics of Proteins and Proteinlipid Complex Compounds of the Blood in Highly Productive Cows During the Process of Lactation

Orig Pub : Tr. Misk. vet. akad., 1957, 19, No 1, 199-204

Abstract : In the blood serum of some Ostfriesland breed cows, alpha-, beta-, and gamma-globulins and albumins were determined every month, as well as phospholipids and cholesterol which are combined with the above mentioned protein fractions. The following data were obtained for 4 cows after their 3rd parturition (in %%): gamma-globulins amounted to 0.3 to 1

Card 1/3

CIA-RDP86-00513R000103310017-5 **APPROVED FOR RELEASE: 06/06/2000**

USSR / Farm Animals. Cattle.

Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7343

(according to the months of lactation) and to 0.6 to 0.8 (during the interlactation period); correspondingly, alpha-globulins amounted to 0.7 - 1.6 and 1.1 - 1.5 and the quantity of albumins to 4.2 - 5.7 and 3.8 - 4.2. Correspondingly, for 5 cows after 6 parturitions the following amounts were established: gamma-globulins amounted to 0.6 to 1.3 and 0.8 to 1.2; alpha-globulins to 0.8 - 1.6 and 1.1 - 1.2, albumins to 4.3 - 5.3 and 3.9 - 4. As the milk yields decrease, the amounts of gamma- and alpha-globulins decrease, but they increase during the interlactation period. The quantity of albumins decreases during the interlactation period. The maximum amount of cholesterol which

Card 2/3

37

Q

USSR / Farm Animals. Cattle.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7343

is combined with gamma-globulins, occurs on January-March: Cholesterol which is combined with alpha-globulins, increases during the first months of lactation but then decreases: Phospholipids which are combined with both gamma- and beta-globulins, increase in both groups during the first months (the maximum is in January) and decrease subsequently. -- P. V. Kugenev

Card 3/3

USSR / Farm Animals.

Q-2

Abs Jour: Ref Zhur-Bioll, No 12, 1958, 54718.

Author

: Balkova, T. M.

Inst

: Not given.

Title

: The Dynamics of Proteins and of Cholesterine-Protein and Phosphatide-Protein Complexes of the Blood of Cattle on Relation to Age.

Orig Pub: Tr. Mosk. vet. akad., 1957, 21, 74-83.

Abstract: No abstract.

Card 1/1

CIA-RDP86-00513R000103310017-5" APPROVED FOR RELEASE: 06/06/2000

BALKOVA, T.M., Cand Bio Sci -- (diss) "Proteins and proteo-lipoid complex compounds of the blood scrum of cattle." Mos, 1958. 19 pp (Mos Vet Acad of Agr USSR), 150 copies (KL, 46-58, 139)

25

BALKOVAYA, Ye. N.

Balkovaya, Ye. N. "Photoperiodic reaction of the eugenolic basil," Nauch. zapiski (Dnepropetr. gos. un-t), Vol. XXXII, 1948, p. 149-52 - Bibliog: 6 items

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

Balkovaya, Ye. N. - "On the problem of determining the essential oils in small batches," Nauch. zapiski (Dnepropetr. gos. un-t), Vol. XXXII, 1948, p. 157-60. Bibliog: 6 items.

SC: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

MALL TAYA, ...

USSR/Cultivated Plants. Medicinal. Essential Oils. Poisons.

M-9

Abs Jour: Ref Zhur-Biologiya, No 5, 1958, 20576.

Author : Ye. N. Balkovaya, P.A. Pozlevich

Inst : Not given.

Title : The Dynamics of the Essential Oils during the Development

of Individual Plant Phases.

(Dinamica efirmogo masla v techeniye individual'nogo razvitiya

rasteniy).

Orig Pub: Nauchn. zap. Dnepropetr. un-t, 1955, 54, 35-42.

Abstract: The essential oil (I) content was determined by distil-

lation of the fresh plants in steam on the day of picking, in the phases before budding, at budding, florescence and the finish of blossoming in plant species collected in the vicinity of Dnepropetrovsk: the Artemisia absinthium L., A. procera Wild., A. maritima L.,

Card : 1/2

USSR/Cultivated Plants. Medicinal. Essential Oils. Poisons.

M-9

Abs Jour: Ref Zhur-Biologiya, No 5, 1958, 20576.

A. austriaca Jacq., A. scoparia W.K., Tsucrium polium L., Erigeron canadensis L., Thymns pallasianus Braun., Th. Marschallianus Wild. In nearly all cases an increase in the quantity of I was observed before budding. During the budding period the plants had less yield of I. During florescence the amount of I once again grew in the majority of cases. An increase in the yield of I after fruit bearing was connected with the appearance of new shoots on the old bushes. The data obtained may be used to determine the periods of harvesting essential oil cultures.

Card : 2/2

USSR/Cultivated Plants - Mecicinal. Essential Oil-Bearing.

М

Toxins.

Abs Jour

: Ref Zhur Diol., No 12, 1958, 53886

Author

: Dalkovaya, Ye.N., Shevchenko, A.S.

Inst

: Dneprpetrovsk University

Title

: East Indies Dasil (Ocimum gratissimum) Under the Condi-

tions of the Sokologorensk Essential Oil Sovkhox

Orig Pub

: Nauchn. zap. Dnepropetr. un-t, 1955, 54, 43-47

Abstract

: No abstract.

Card 1/1

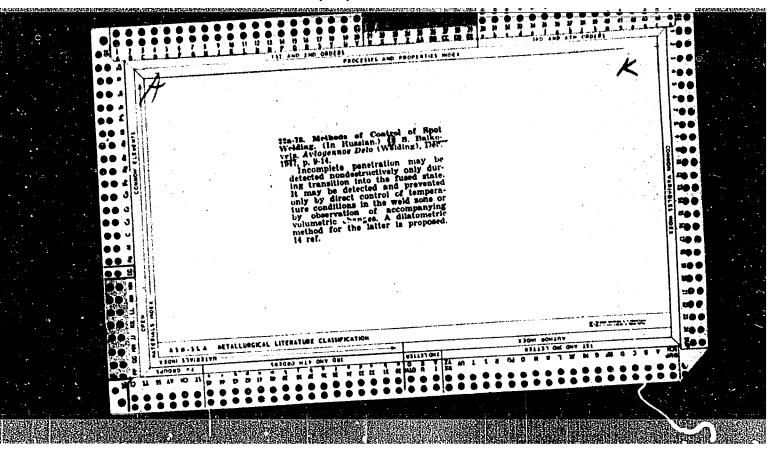
BALKOVAYA, Yo.N.

Outlook for the cultivation of essential oil plants in the southeastern part of the Ukraine. Trudy Bot.inst.Ser.6 no.7: 91-96 59. (MIRA 13:4)

1. Dnepropetrovskiy gosudarstvennyy universitet im. 300-letiya vossoyedineniya Ukrainy s Rossiyey.

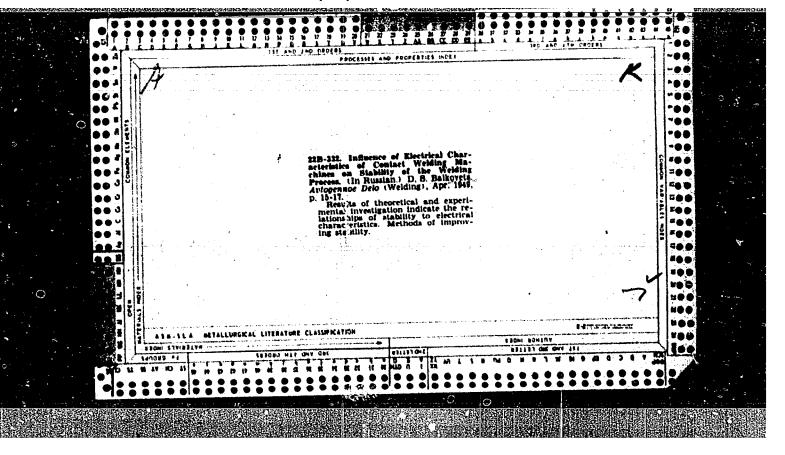
(Ukraine--Aromatic plants)

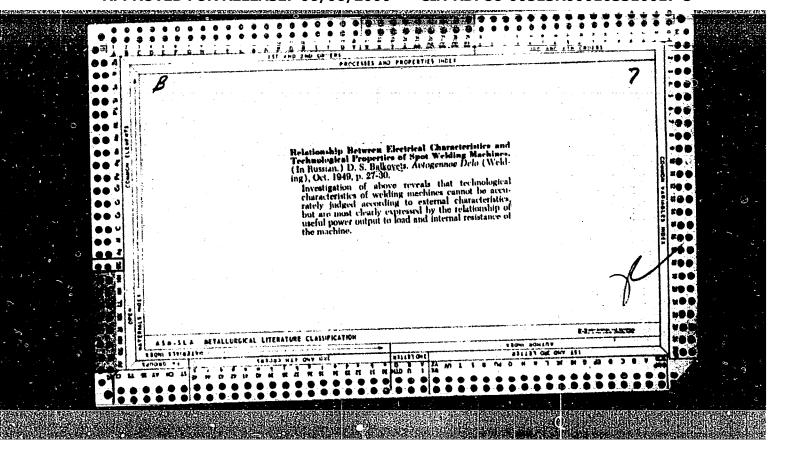
"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310017-5



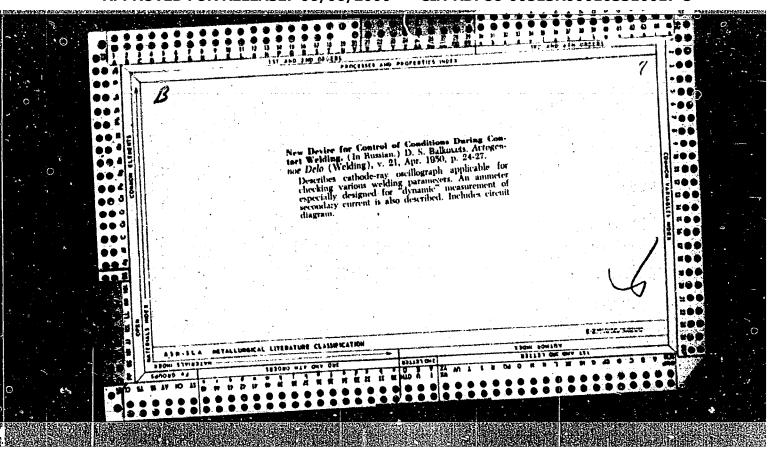
					MANAGE PROPERTY.
	ELLECVEID,	υ . δ.			of September
		USSR/Steel, Stainless Welding - Steel	May 1947		
		"Spot and Roller Welding of Ty Steel," D. C. Balkovets, 3 pp	pe 18-8 Rustproof		1
		"Avtogennoye Delo" No 5	·	*	
		Discusses properties of rustpr culars of the welding process, operational conditions of the	and durability and		
			g sh		
C					
7			1217		
					7.
2					
	6 1 0				
Particular de la constant de la cons	APPROVED FO	OR RELEASE: 06/06/2000	CIA-RDP86-00513R0	0010331001	7-5"

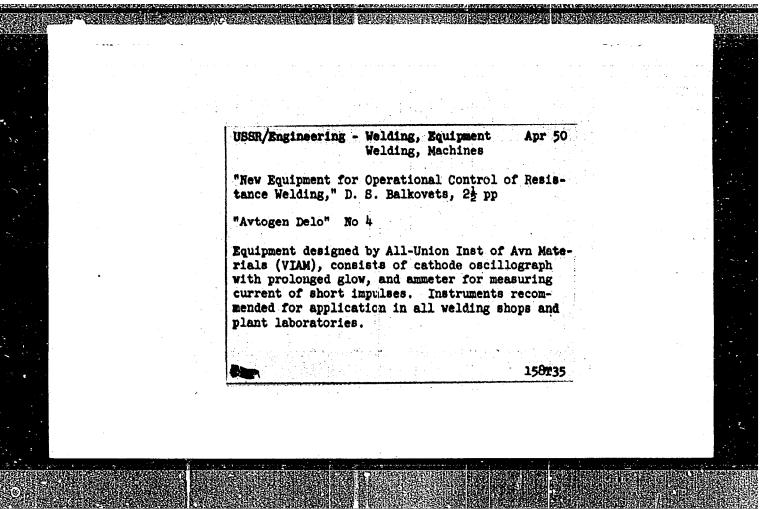
"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310017-5





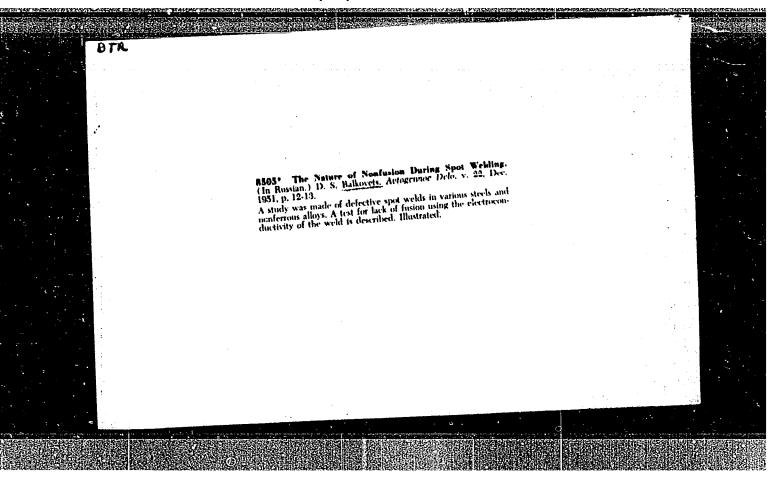
"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310017-5





BALKOVETS, D.S. USSR/Engineering, Welding, Control "Instrument for Dilatometric Control of Spot Welding Process," D. S. Balkovets, Cand Tech Sci, A. P. Pomortsev, Engr "Avtogen Delo" No 8, pp 10-13 Describes hydroelec instrument based on registering expansion of metal upon melting in spot welding of parts of ferrous alloys, not over 4 mm thick. Consists of hydromercury signal generator, transmitting mechanism and eloc signal device. App may be used for preventing lack of penetration. Use under industrial conditions for 6 mos showed satisfactory results. 200T49

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310017-5



USSR/Metals - Welding, Processes Mar 52

"Investigating the Heat Processes of Spot Welding Using Models," D. S. Balkovets, Cand Tech Sci

"Avtogen Delo" No 3, pp 13-16

Describes method of wedge-shaped models to det effect of various factors on temp field in spot being welded. In particular, method was used to investigate radial distribution of temp in some surrounding central motal column of welding contact and permitted exptl detn of heat quantity required to heat this zone. Compares results with data calcd by suggested and improved formula.

BALKOVETS, D. S.

Nov 52

USSR/Metallurgy - Welding, Structural Analysis

"On the Ultimate Strength of a Welded Spot," D. S. Balkovets, Cand Tech Sci

Avtogen Delo, No 11, pp 13-16

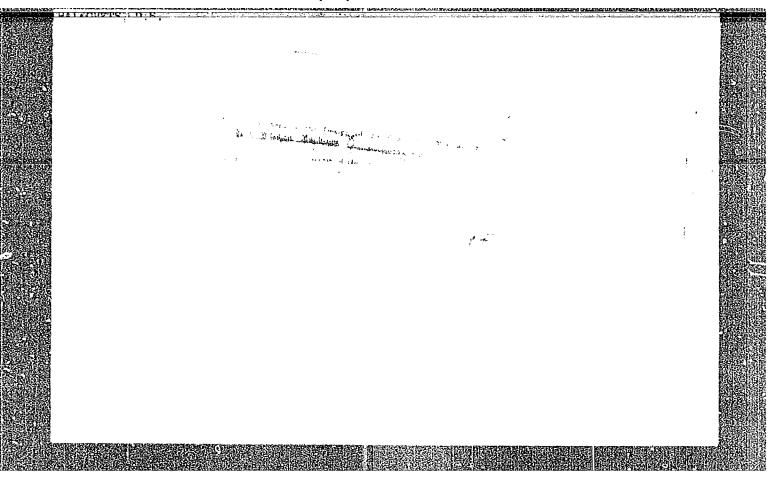
Investigates causes for lack of direct proportionality between strength and area of welded spots. Concludes that ultimate strength of welded spots with identical macroand micro-structures depends on size of spot core: in case of equality in thickness of welded pieces strength decreases with increase in dia of core. Suggests characterizing strength of welded spot by specifying breaking load at given dia of spot core.

266T44

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103310017-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310017-5



BALKOVETS, D. S.

Dissertation: "Technological Basis for Formation of the Cast Zone of a Spot-Welded Joint." Dr Tech Sci, Leningrad Polytechnic Inst, Leningrad, 1954. (Referativnyy Zhurnal--Fizika, Moscow, Aug 54)

SO: SUM 393, 28 Feb 1955

BALKOVETS, D.S., kandidat tekhnicheskikh nauk; ORLOV, B.D., inzhener; CHULOShurkov, P.L., inzhener.

Spot welding 30KhGSA steel by a two-impulse process. Vest.mash.34 no.4:68-71 Ap 154. (MLRA 7:5) (Steel--Welding)

Trabution B-81524

BALKOVETS, D.S., kandidat tekhnicheskikh nauk

Static shear tests of alumimum alloy spot welds. Svar.proizv.
no.2:10-11 F '55.

(Welding--Testing)

(Welding-Testing)

BALKOVETS, D.S., kandidat tekhnicheskikh nauk; CHULOSHNIKOV, P.L., inzhener

Stabilising the electrode squeeze effort in spot welding. Svar. proixv. no.9:7-8 S'55. (HIRA 8:11) (Electric welding)

GIRBOY, L.V., inchener; RADASHKOVICH, I.M., inchener.

D.S. Balkovets and P.L. Chuloshnikov's article "The use of the MTP and MShP resistance welding machines for welding light alloys."

Svar.proisv. no.8:24-25 Ag '56. (MIRA 9:10)

1. Vsesoyusnyy Nauchno-issledovatel skiy institut elektrosvarochnogo oborudovaniya (for Glebov).2. Zavod "Elektrik." (for Radashkovich). (Alloys--Welding) (Electric welding-Equipment and supplies) (Balkovets, D.S.) (Chuloshnikov, P.L.)

DAIL OVE ts, U.S.

AID P - 5603

Subject

: USSR/Engineering

Card 1/1

Pub. 107-a - 3/12

Authors

: Balkovets, D. S., Kand. of Tech. Sci., B. D. Orlov, Kand. of Tech. Sci. and P. L. Chuloshnikov, Eng.

Title

Electronic modulator for spot welding of aluminum alloys

Periodical: Svar. proizv., 12, 10-13, D 1956

Abstract

The process of the formation of spot weld in bonded specimens of D16T duralumin up to 1.5mm thick is briefly outlined. The authors describe their device to control spot welding impulses. They call it the electronic modulator and claim it eliminates spattering and cracks in the weld, which are commom defects in spot welding of duralumin. Five micro-pictures, 5 drawings, 1 photo and 1 table; 2 Russian references (1951-55).

Institution:

Scientific Research Institute of Aviation Technology

(NIAT).

Submitted

: No date

Name: BALKOVETS, Dmitrly Stepanovich

Dissertation: Technological Principles of the

Formation of the Molten Zone of a

Spot-Welded Joint

Degree: Doc Tech Sci

Affiliation: Sci Res Inst of Technology and Organi-

zation of Production

Defense Date, Place: 21 Feb 55, Council of Leningrad

Polytech Inst imeni Kalinin

Certification Date: 13 Oct 56

Source: BMVO 6/57

11. ... 16-13, U.S.

135-8-5/19

SUBJECT:

USSR/Welding

AUTHOR:

Balkovets, D.S., Doctor of Technical Sciences.

TITLE:

Effect of Current Direction on the Location of the Spot-Weld Core in Light Alloys. (O vliyanii napravleniya toka na raspolozheniye yadra svarnoy tochki legkikh splavov).

PERIODICAL:

"Svarochnoye Proisvodetvo", 1957, # 8, pp 14-15 (USSR)

ABSTRACT:

The author offers a theoretical and experimental explanation of the unsymmetrical location of spot-weld cores in parts of similar light alloys of equal thickness, spot welded with similar electrodes. He questions the explanation offered by N.Kh. Andreyev (1) that the phenomenon of weld core shift towards the positive electrode (against the direction of current) is connected with the rectifier effect of oxide films in the contact area between the parts to be welded and the electrode.

The fact that a shift of weld cores toward the positive electrode is only observed when the faces of parts have been mechanically cleaned, i.e. when the oxide films have been most completely removed, indicates that the phenomenon can be explained with more probability by the Peltier effect.

Card 1/2

135-8-5/19

TITLE:

Effect of Current Direction on the Location of the Spot-Weld Core in Light Alloys. (O vliyanii napravleniya toka na raspolozheniye yadra svarnoy tochki legkikh splavov).

Displacement of a weld core - as it is usually observed - occurred also in experimental welding of lead-coated aluminum alloy sheets with lead-coated copper electrodes.

For the purpose of utilizing the phenomenon, for instance in welding of parts with different thicknesses, it would be advantageous to carry out welding immediately after cleaning the faces by such means which eliminate the oxide films.

The article contains 1 sketch and 3 bibliographical references, all Russian.

ASSOCIATION: "NIAT"

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress.

Card 2/2

Nauchno-issledovatel sky institut. Lekhnologie i organizaten peroisvodstra aviatsionnog peromyshlennosti.

Call Nr: TS 227.B29 AUTHORS:

Balkovets, D. S., Orlov, B. D., Chuloshnikov, P. L.

TITLE:

Spot and Seam Welding of Special Steels and Alloys (Tochechnaya i rolikovaya svarka spetsial'nykh staley

1 splavov)

PUB. DATA: Gosudarstvennoye izdatel'stvo oboronnoy promyshlennosti,

Moscow, 1957, 430 pp.,5500 copies.

ORIG. AGENCY: None given

EDITORS: Editor: Veys, A. L., Candidate of Technical Sciences;

Editor-in-Chief: Sokolov, A. I., Eng.; Ed. of Publishing House: Bogomolova, M. F.; Tech. Ed.: Rozhin, V. P.; Reviewers: Prof. Gel'man, A. S., Dr. of Technical

Sciences, and Poplavko, M. V., Candidate of Technical

Sciences

PURPOSE: The book is intended for scientific research institutes

of technology, as well as for a wide circle of practicing engineers, designers, technologists and personnel

engaged in the field of quality control, and for persons

Card 1/7 interested in spot and seam welding techniques.

APPROVED FOR RELEASE: 06/06/2000