BIK, V.I.; SHOLPO, A.Ye.

Saratov Society of Anatomists, Histologists and Embryologists.
Arkh. anat. gist. i embr. 34 no.1:120 Ja-F '57 (MLRA 10:5)
(SARATOV--BIOLOGICAL SOCIETIES)

PHASE I BOOK EXPLOITATION 1008

Bik-Mukhametov, Izmail Sadrivich

V pomoshch' termistu-vysokochastotniku (Handbook for Operators of High-frequency Induction Heating Equipment) Moscow, Mashgiz, 1957. 88 p. 12,000 copies printed.

Ed.: Drobinin, Ya.I.; Reviewer: Chernoy, Z.I., Engineer; Tech. Ed.: Sarafannikova, G.A.; Executive Ed. (Ural-Siberian Division, Mashgiz): Kaletina, A.V., Engineer.

PURPOSE: This booklet is addressed to workers servicing high-frequency induction heating installations.

COVERAGE: The booklet gives basic data on the components of vacuum-tube high-frequency installations for the induction heating of metals. There is a preliminary discussion of the laws of a-c and d-c electric circuits and examples are given of their application in high-frequency

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heating technique. The book describes the operating principles of vacuum-tube oscillators and provides basic instructions for their use. No personalities are mentioned. There are 16 references, all Soviet.

TABLE OF CONTENTS:

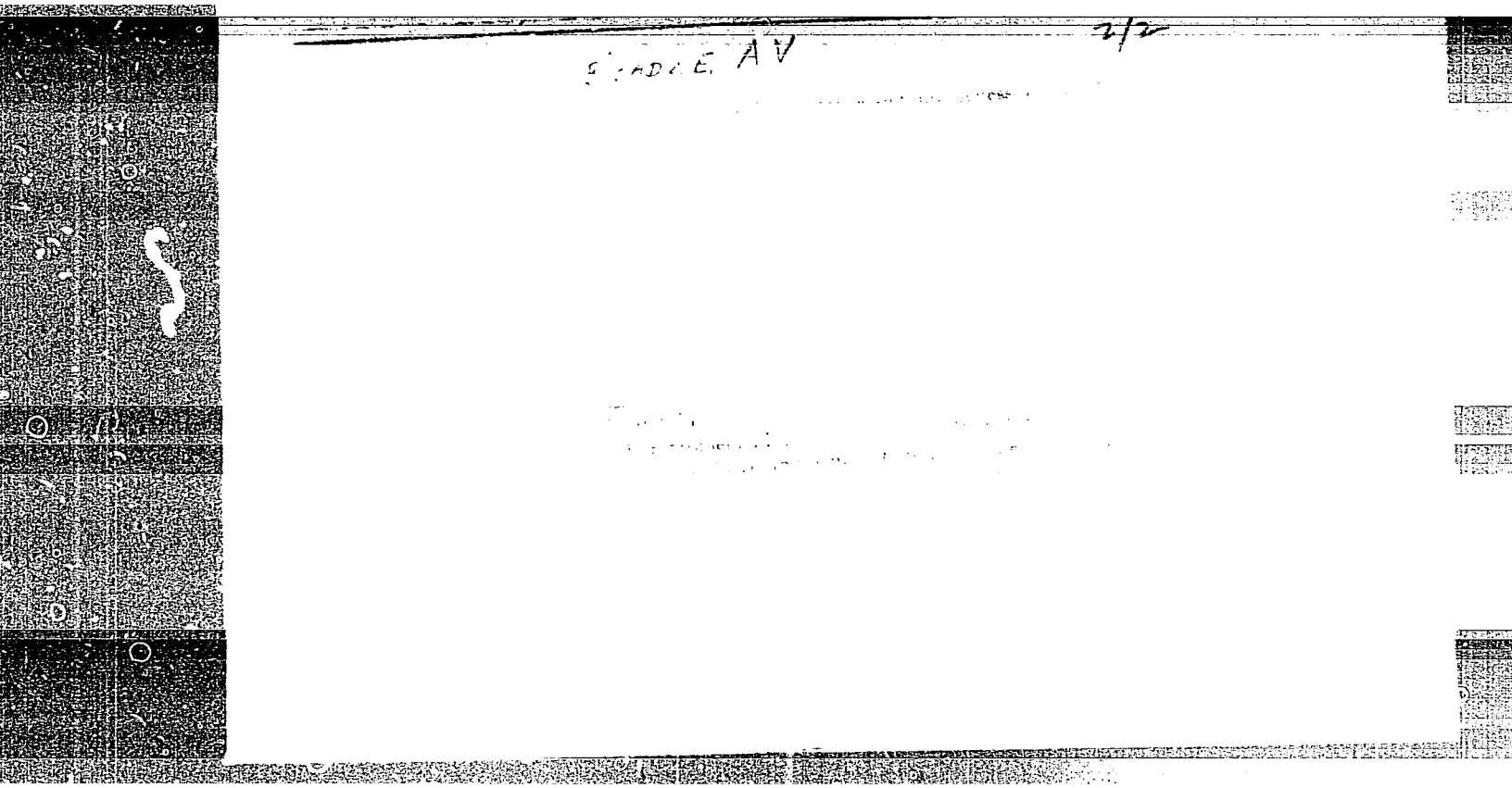
BIKADI, Sandor

Foreign body in the funiculus spermaticus. Orv. hetil. 99 no.5:177 2 Feb 58.

1. A Bekesmegyei Tanos Korhaza (igazgato: Juba Adolf) Sebeszeti Osztalyanak (foorvos: Frohlich Otto) kozlemenye.
(SPERMATIC CORD, for. bodies
fish bone (Hun))

* Bitsadze, A. V. K probleme uravneniĭ smeshannogo tipa.

[redacted] enclose a domain D [redacted]



BIKADZE, A. V.

V2

Mathematical Review.
June 195[illegible]
Analysis

10-5-54 LL

(1)

Bicadze, A. V. Spatial analogue of an integral of Cauchy type and some of its applications. Izvestiya Akad. Nauk SSSR. Ser. Mat. 17, 525–538 (1953). (Russian)

Let D be a three-dimensional domain, bounded by a closed Liapounoff surface S, and $q=q_1i+q_2j+q_3k$ be an assigned vector, whose components q_s are functions of (x, y, z) and have first-order partials continuous in the closure $\bar{D}$ of D. Let $\rho=\rho(\xi, \eta, \zeta; x, y, z)$ be the distance between (ξ, η, ζ), (x, y, z) and introduce vectors p_1, p_2, p_3, of which

$$p_1=\rho^{-3}\{[(\xi-x)q_1-(\eta-y)q_2-(\zeta-z)q_3]i + [(\xi-x)q_2+(\eta-y)q_1]j+[(\xi-x)q_3+(\zeta-z)q_1]k\}$$

is typical. Green's formula is applied to the p_s. Fundamental is the following three-dimensional analogue of a formula of D. Pompeiu [Rend. Circ. Mat. Palermo 33, 108–113 (1912); 35, 277–281 (1913)] for functions of a complex variable: $\iint_S Mq\,d\omega+\iiint_D(\operatorname{div} q\cdot\operatorname{grad}\rho^{-1}+\operatorname{rot} q\times\operatorname{grad}\rho^{-1})\,d\tau=4\pi q$ (in D), $=0$ (in D'), where D' is the complementary domain and M is a certain matrix, involving the normal to S. A vector q is potential in D if $\operatorname{div} q=\operatorname{rot} q=0$ in D; for such a vector one has the Cauchy formula $(4\pi)^{-1}\iint_S Mq\,d\omega=q$ (in D), $=0$ (in D'). On the basis of the above fundamental formulas the author studies effectively the corresponding integrals of Cauchy type, under H (Hölder) conditions, the boundary values of such integrals (analogues of Plemelj formulas), interchange of principal integrals (analogue of the Poincaré-

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Bicadze, A. V.

Bertrand formula); these considerations enable inversion of the singular integral equation $(2\pi)^{-1}\iint_S M\phi d\omega = \psi$, where ψ ($\in H$) is assigned on S. Further, the author considers the Poisson formula for a sphere, the Dirichlet problems for the half-space $z>0$ and for a space, cut along a circular disc, as well as inversion of an integral equation relating to contact problems of three-dimensional elasticity.

W. J. Trjitzinsky (Urbana, Ill.).

①

Bicadze, A. V. A spatial analogue of the Cauchy-type integral and some of its applications. Doklady Akad. Nauk SSSR (N.S.) 93, 389–392 (1953); errata, 94, 980 (1954). (Russian)

The substance of this note is contained in the paper reviewed below. *W. J. Trjitzinsky* (Urbana, Ill.).

Mathematical Review.
June 1954
Anqlysis

10-7-54
LL

BIKADZE, A. V.

Mathematical Review.
June 1954
Analysis

10-5-54
LL

Bicadze, A. V. Inversion of a system of singular integral equations. Doklady Akad. Nauk SSSR (N.S.) 93, 595–597 (1953); errata, 94, 980 (1954). (Russian).

Under the hypotheses and with the notations employed in the two papers reviewed above, a study is made of the system

$$(1)\quad A\phi(P_0)+B(2\pi)^{-1}\int\int_S M(P_0, Q)\phi(Q)d\omega_Q=f(P_0) \qquad (P_0, Q \text{ on } S),$$

where A, B are constant matrices (of 4^2 elements), $f=(f_1, \cdots, f_4)$ is a vector of class H on S; vector ϕ is to be found in H on S. Integration in (1) is in the sense of principal values. It is shown that, if $\det(A+B)\neq 0$, $\det(A-B)\neq 0$ and if $G=(A+B)^{-1}(A-B)$ is a matrix whose consecutive rows are (g_1, g_2, g_3, g_4), $(-g_2, g_1, -g_4, g_3)$, $(-g_3, g_4, g_1, -g_2)$, $(-g_4, -g_3, g_2, g_1)$, the syatem (1) has a unique solution which can be given explicitly with the aid of a Cauchy-type three-dimensional integral. *W. J. Trjitzinsky.*

BIKADZE, A.V.

SUBJECT USSR/MATHEMATICS/Differential equations CARD 1/2 PG - 519
AUTHOR BICADZE A.V.
TITLE On a problem of Frankel.
PERIODICAL Doklady Akad.Nauk 109, 1091-1094 (1956)
reviewed 1/1957

Incited by a problem of Frankel the author investigates the solutions of the equation

(1) $$U_{xx} + \operatorname{sgn} y\, U_{yy} = 0,$$

which are regular in a domain D, continuous in $\bar{D}$ and satisfy the boundary conditions

(2) $$U|_{\sigma} = \psi_1, \quad U|_{CB} = \psi_2, \quad U_x|_{A'A} = 0, \quad U(0,y)-U(0,-y) = f(y), \quad |y| \leq 1,$$

where ψ_1, ψ_2 and f are given functions and D is bounded by the following curves: a) a segment AA' of the axis x = 0, $-1 \leq y \leq 1$, b) characteristic A'C of (1), $C(a_1,0)$, $a_1 > 0$, c) the straight line CB of the axis y = 0, $a_1 \leq x \leq a$, d) the segment σ of a curve in the halfplane y > 0 with the endpoints in A and B. The author shows that if ψ_1, ψ_2, f satisfy the Hölder condition and if along σ

. BIKADZE, A.V.

SUBJECT USSR/MATHEMATICS/Differential equations CARD 1/2 PG - 720
AUTHOR BICADZE A.V.
TITLE On the uniqueness of the solution of Frankel's problem for the equation of Čaplygin.
PERIODICAL Doklady Akad.Nauk 112, 375-376 (1957)
reviewed 4/1957

Let be given the equation of Čaplygin

(1) $$k(y)u_{xx} + u_{yy} = 0$$

with

$$k(0) = 0, \quad k'(y) > 0, \quad k(-y) = -k(y).$$

Let the domain D be bounded by the line segment A'A of the straight line $x = 0$, $-a \leq y \leq a$, by the characteristic A'B, $B(a_1,0)$, $a_1 > 0$ of the equation (1) and by the smooth Jordan arc σ which combines B and A and lies in the half plane $y > 0$. Under the assumption $\frac{dy}{ds} \geqslant 0$ [$x = x(s)$, $y = y(s)$ are the parameter equations and s is the arc of σ] the author proves that the solution of (1) being regular in D, continuous in $\bar{D}$ and satisfying the boundary conditions

$$u|_{\delta} = \varphi$$

$$u_x|_{A'A} = 0$$

$$u(0,y) - u(0,-y) = \psi(y), \qquad a \leq y \leq a$$

is determined uniquely.

INSTITUTION: Math.Inst.,Acad.Sci. USSR.

BIKADZE, A. V.

"On the equations of mixed type in three independent variables"

report submitted at the Intl Conf of Mathematics, Stockholm, Sweden, 15-22 Aug 62

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205310009-1"

BIKALI, M.
FREISINGER, F.; BIKALI, M.

Experimental data on etiology of ulcer disease. Acta morph. hung. 4 no.2:149-159 1954.

1. Institut fur Pathologische Anatomie und Experimentelle Krebsforschung der Medizinschen Universität, Budapest (Vorstad: Prof. J.Balo)
(PEPTIC ULCER, exper.
pathogen. in rabbits)

FREISINGER, F.; BIKALI, Magda

A method for experimental production of chronic gastric ulcer. Acta morph. hung. 4 no.4:541-544 1954

1. I. Institut fur pathologische Anatomie und experimentalle Krebsforschung der Medizinischen Universitat, Budapest (Vorstand Prof. J.Balo)

(PEPTIC ULCER, exper.
prod. in rabbits, method)

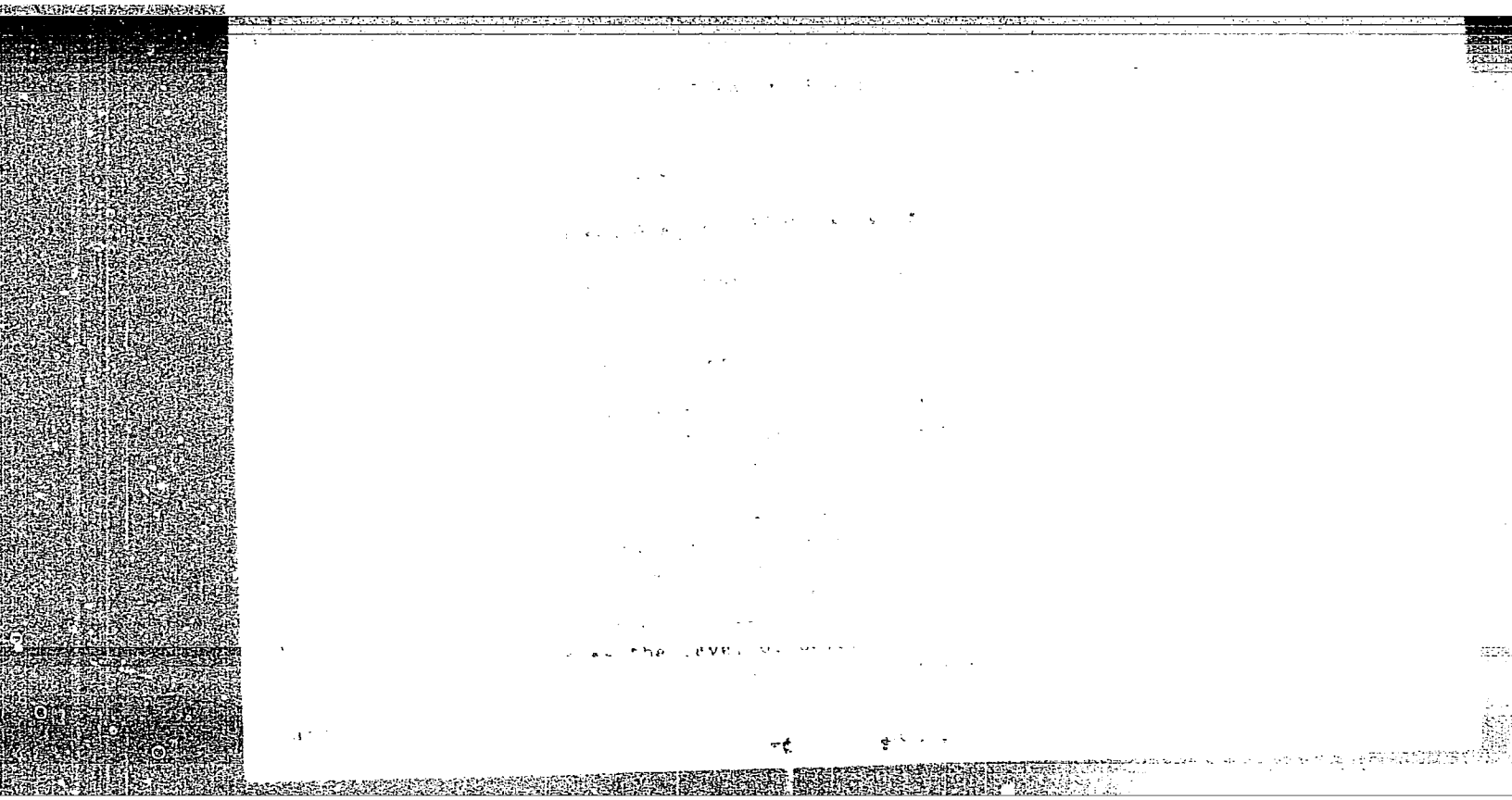
BIKARYUKOV, M.D., gornyy inzhener; KSUEREB, L.G., inzhener.

New machine for the production of supports. Gor.zhur. no.5:57-58 My '56. (MLRA 9:8)

1. Kavgiprotsvetmet. (Mine timbering)

BIKAS,E.Yu., arkhitektor; AEELITE,Z.M., arkhitektor

Plan for a dormitory building accomodating 40 persons designed by Design Office of the Riga Woodworking Combine. Rats. i izobr. predl. v stroi. no.102:29-32 '55. (MIRA 8:10)
(Dormitories)



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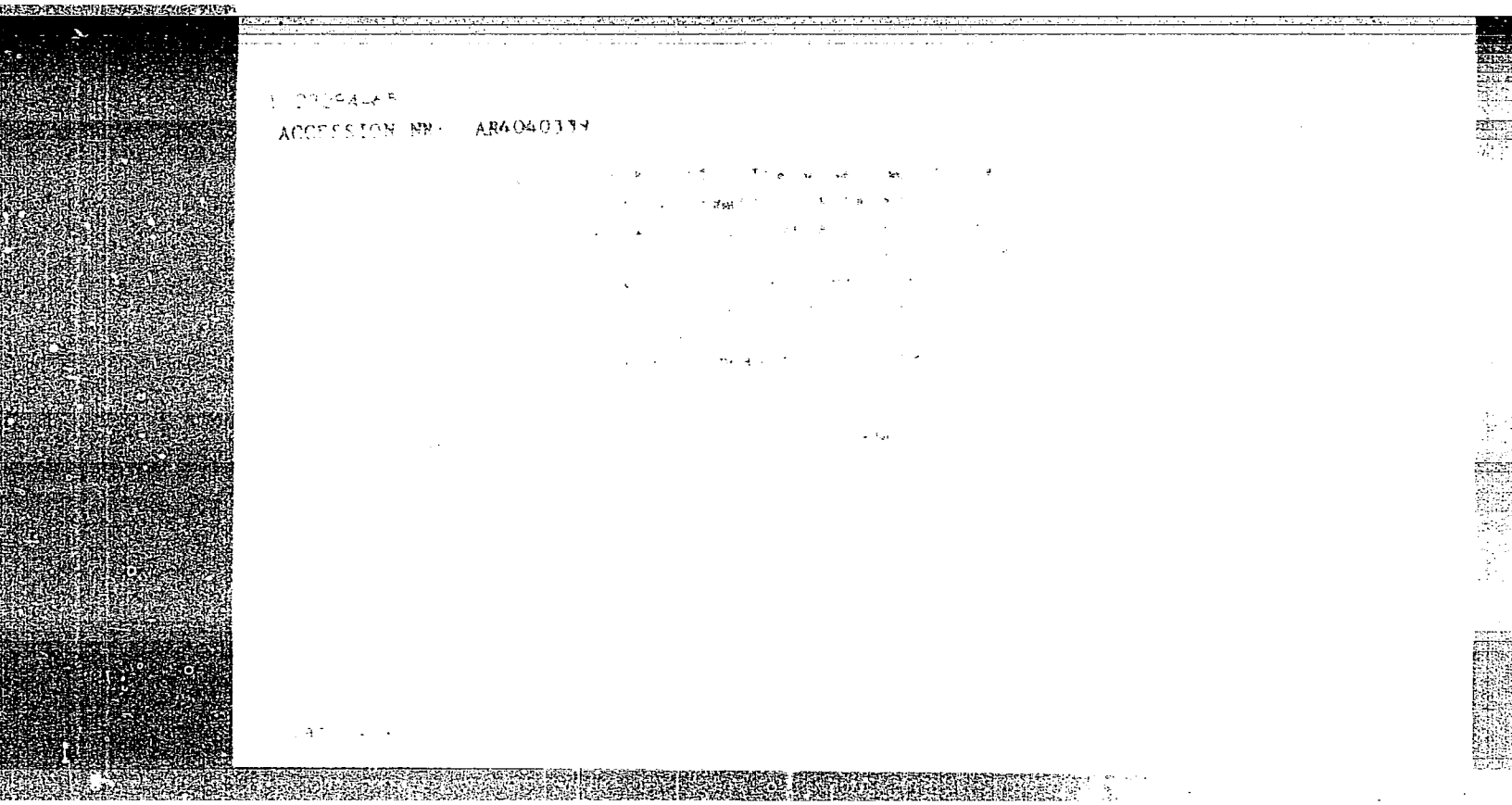

BIKBAYEV, I.M.

Conducting interval oriented hydrochloric acidization of wells using a jet apparatus. Neftepром. delo no.6:14-17 '65.
(MIRA 18:10)

1. Neftepromyslovoye upravleniye "Ishimbayneft'".

BIKBAYEVA, N. S.

S/081/62/000/024/040/052
B106/B186

AUTHORS: Vasil'yeva, M. N., Kamerina, T. P., Komarova, Ye. I., Zhestkova, Ye. N., Maslova, M. P., Smirnova, Ye. V., Ivanov, N. N., Bikbayeva, N. S., Koptyayeva, V. A.

TITLE: Choice of a new oiling agent for processing capron in synthetic fiber plants

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24 (II), 1962, 947, abstract 24P979 (Nauchno-issled. tr. Tsentr. n.-i. in-t shelk. prom-sti. M., Rostekhizdat, 1960 (1962), 82-94)

TEXT: On the basis of the results obtained in the testing of new oiling agents the authors recommend that 2.5 - 4.5% of the type K-160 (-160) should be applied to the fiber. The oiling agent consists of 82% Velosite 7(L), 6% OP-4 (OP-4) and 6% Stearoke-6. Twisting is to be stabilized by low-pressure steaming. [Abstracter's note: Complete translation.]

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BIKBOV, K.S., pomoshchnik buril'shchika; ISKHAKOV, K.S., pomoshchnik buril'shchika; SULEYMANOV, A.T., master po dobyche nefti

Shortcomings in training engineers in safety techniques. Bezop. truda v prom. 2 no.10:34 O '58. (MIRA 11:11)

1. Kontora bureniya No.1 tresta Tuymazabruneft' (for Bikbov, Iskhakov). 2. Promysl No.3 Neftepromyslovogo upravleniya Oktyabr'skneft' (for Suleymanov).

(Safety education, Industrial)

BIKBOVA, S.K.; GONCHAROVA, M.I.; ROSSINSKAYA, (.B.; KOTYLEV, O.A., kand.veterin. nauk; KARIMOVA, Z.Kh., dotsent, nauchnyy konsul'tant

Studying leptospirosis in man and animals in Tataria during 1961. Uch. zap. KVI 89:79-83 '62. (MIRA 18:8)

1. Kazanskiy veterinarnyy institut (for Kotylev).

BIKBOVA, S.K.; GONCHAROVA, M.I.; KARIMOVA, Z.Kh.; ROSSOMAKHINA, N.F.

Murine rodents as carriers of Leptospira rattus. Nauch. trudy Kaz. gos. med. inst. 14:109-110 '64. (MIRA 18:9)

1. Kafedra mikrobiologii (zav. - dotsent Z.Kh. Karimova) Kazanskogo meditsinskogo instituta i otdel osobo opasnykh infektsiy (zav. - T.I.Chiranova) Respublikanskoy sanitarno-epidemiologicheskoy stantsii Tatarskoy ASSR.

SHLENSKAYA, V.I.; BIKBULATOV, A.B.

Dithiophthalimide, a reagent for the colorimetric determination of ruthenium. Vest.Mosk.Un.Ser.2: khim. 16 no.6:51-52 N-D '61. (MIRA 14:11)

1. Moskovskiy gosudarstvennyy universitet. Kafedra analiticheskoy khimii.

(Ruthenium—Analysis)

KLYUCHNIKOV, N.I.; BIKBULATOV, A.G.

Main results of prospecting for oil and gas in Bashkiria during the first five years of the seven-year plan and prospects for future development. Geol. nefti. i gaza 8 no.10:1-7 O '64. (MIRA 17:12)

1. Bashneft'.

BIKBULATOV, A.G.; KAMINSKIY, V.D.

Prospects for finding gas and oil in the central sector of the Yuryuzan'-Sylvenskoye depression. Geol. i geofiz. no.5:50-55 '64.

1. "Bashneft'".

11(4) PHASE I BOOK EXPLOITATION SOV/2075

Akademiya nauk SSSR. Bashkirskiy filial, Ufa

Khimiya seraorganicheskikh soyedineniy, soderzhashchikhsya v neftyakh i nefteproduktakh; [materialy III nauchnoy sessii] (Chemistry of Sulphur Organic Compounds Contained in Petroleum and Petroleum Products; [Papers of the Third Scientific Session]) Moscow, Izd-vo AN SSSR, 1959. 376 p. 2,000 copies printed. Errata slip inserted.

Editorial Board: R.D. Obolentsev (Resp. Ed.) Doctor of Chemical Sciences; G.D. Gal'pern, Doctor of Chemical Sciences; Ya. B. Chertkov, Doctor of Technical Sciences; V.V. Panov, Candidate of Technical Sciences; and V.P. Rozhdestvenskiy, Candidate of Chemical Sciences; Ed. of Publishing House: I.I. Brusov; Tech. Ed.: T.P. Polenova.

PURPOSE: This book is intended for chemists, chemical engineers, and technicians specializing in the chemistry of petroleum.

COVERAGE: The book is a collection of papers presented at the Third Scientific Session on the Chemistry of Organic Sulfur- and Nitrogen Compounds Contained in Petroleum and Petroleum Products. The scientific session was held in Ufa, June 3-8, 1957. The book consists of six sections: 1) Synthesis, characterization, and analysis of organic sulfur compounds; 2) Separation and composition of organic sulfur compounds contained in petroleum and petroleum products; 3) Transformation of organic sulfur compounds by thermal catalysis; 4) Corrosive properties of and tar formation in sulfur-containing petroleum and petroleum products; 5) Uses of organic sulfur compounds and hydrogen sulfide; 6) Physiological properties of organic sulfur compounds. No personalities are mentioned. There are 315 references, of which 179 are Soviet, 118 English, 5 French, 12 German, and 1 Czech.

TABLE OF CONTENTS

Chemistry of Sulphur Organic Compounds (Cont.) SOV/2075

AVAILABLE: Library of Congress

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8-3-59

BIKBULATOV, M.

Consolidate the revenue base of the Union Republics. Fin. SSSR 22 no.7:49-52 Jl '61. (MIRA 14:7)

1. Zamestitel' ministra finansov Bashkirskoy ASSR.
(Budget)

BIKBULATOV, N. V.

"Sistema rodstva bashkir."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences, Moscow, 3-10 Aug 64.

BIKBULATOV, R.M.

Comparative data of the sensitivity of staphylococci to antibiotics based on various methods of its determination; an abstract. Lab. delo no. 11:689 '64. (MIRA 17:12)

1. Kafedra mikrobiologii Bashkirskogo meditsinskogo instituta (zaveduyushchiy - prof. N.I.Mel'nikov).

L 08561-67 EWT(1) JK

ACC NR: AP6034390 (N) SOURCE CODE: UR/0402/66/000/005/0619/0622

AUTHOR: Bikbulatov, R. M.

ORG: Institute of Virology im. D. I. Ivanovskiy, AMN SSSR (Institut virusologii AMN SSSR)

TITLE: Significance of pH of acridine orange buffer-solvent in determining the nucleic acid content of virus inclusions using luminescent microscopy

SOURCE: Voprosy virusologii, no. 5, 1966, 619-622

TOPIC TAGS: acridine orange, nucleic acid, virus, virology, virus inclusion, intracellular inclusion, luminescent microscopy, ~~staining~~ microscope

ABSTRACT: The color of luminescent cellular components and viral inclusions as stained by acridine orange in buffers depends on the pH of the buffer. The use of the staining method alone to determine the nucleic acid composition of viral inclusions leads to misinterpretation of results and an analysis made by another method should be used to confirm the diagnosis. Orig. art. has: 1 table. [W.A. 50]

SUB CODE: 06/ SUBM DATE: 03Apr65/ ORIG REF: 013/ OTH REF: 017

Card 1/1 UDC: 576.858.21.098.396.093.4

BIKBULATOV, S., val'tsovshchik

Great changes. Prom.koop. 13 no.12:12 D '59. (MIRA 13:4)

1.Artel' imeni 1 Maya, g.Ufa.
(Ufa--Metal cutting)

BIKBULATOV, Sh.Kh.

Designing cascades of profiles for ultrasonic speeds. Izv. vys. ucheb. zav.; av. tekh. no.2:86-92 '58. (MIRA 11:6)

1. Kazanskiy aviatsionnyy institut, Kafedra aviatsionnykh lopatochnykh mashin.

(Airfoils)

BIKBULATOV, Sh.Kh., Cand Tech Sci -- (diss) "Study of supersonic ~~ultrasound~~ streams into grids of turbine shapes ~~fluxes in turbine section grates.~~" Kuban', 1959, 12 pp (Min of Higher Education USSR. Kazan' Aviation Inst) 150 copies

(KL, 36-59, 114)

SOV/147-59-2-11/20

AUTHOR: Bikbulatov, Sh.Kh.

TITLE: Experimental Investigation of Cascades of Blades (Rotor Blades) With Supersonic Speeds at the Entry (Eksperimental'noye issledovaniye reshetok profiley aktivnogo tipa pri sverkhzvukovykh skorostyakh na vkhode)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Aviatsionnaya tekhnika, 1959, Nr 2, pp 95-104 (USSR)

ABSTRACT: One of the limitations against using supersonic speeds of gas flowing through the turbines is the large losses suffered at those speeds. The problem of reducing these losses hinges on the understanding of the physical properties of the flow past various blades especially those employed in the rotors. The object of this work was to find the influence of the profile parameters on the losses under the conditions of supersonic speeds. The blades tested had the following parameters: relative nose radius $\bar{r} = r/b = 0.009$ to 0.07; relative spacing of the blades in the cascades $\bar{t} = t/b = 0.5$ to 0.772;

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incidence angle (angle between the velocity vector and the tangent to the line of mean camber at the entry) $i = +15^\circ$ to -13°; velocity at the entry to the cascade $\lambda_1 = 1.18$ to 1.47. Fig 1 shows the experimental rig (with the top plate removed). The air from the receiver is directed into the parallel wall channel (2) through a fairing (1) of a lemniscale shape, from which it passes into the De Laval nozzle whose one wall (3) is adjustable so as to change the shape of the nozzle to the required speed at the exit. The shape of this wall is such that the air flow for all exit velocities is 0.5 kg/sec. The cascade (5) is fixed in the grooves of the bottom and top plates (6). To change the angle of approach of the air stream into the blade row the plates (6) rotate relative to the channel (2) about the point A, while the length of the adjustable wall (3) of the nozzle is altered, as required, by the extension (4). The above installation enables measurements of the stream parameters to be made both

ahead of the entry to and behind the exit from the cascade, both measuring positions being 16 mm from the tested cascades. The static pressure was measured by means of small (0.5 mm dia) holes spaced 2 mm apart in the bottom plate (6). Stagnation pressure and the direction of the flow were measured by means of special instruments attached to the upper plate (6) so as to enable to read the coordinates of each test point very accurately. Fig 2 shows these instruments. Total pressure instrument (left sketch) consists of a small tube (0.4 mm inner and 0.75 mm outer diameter) which is fixed in a streamlined steel plate, the plate being capable of rotation about the axis through the free end of the tube and perpendicular to the axis of the tube. From the other end of the tube a duct leads to the manometer. When tested these total pressure probes showed that between $\pm$ 10° to 12° their readings were practically constant, i.e. the probes are not very sensitive to the change in direction of the flow.

Experimental Investigation of Cascades of Blades (Rotor Blades) With Supersonic Speeds at the Entry

The flow direction meter (sketch on the right of Fig 2) consists of a symmetric wedge of the vertex angle 16° (this gives attached shock waves for $\lambda_1 \geqslant 1.25$) having two 0.4 mm diameter tubes, one on each side of the wedge at a distance of 2 mm from the leading edge, which is also its axis of rotation. The other ends of the tubes are connected to a manometer. Tests with these clinometers showed that they are very sensitive to the angle change, e.g. at M = 1.6 rotation by 1° gives a pressure difference of the order of 70 to 80 mm Hg, this pressure difference varying almost linearly with the change in angle. Four types of blades were tested (Fig 3); Nr 1, 2 and 3 blades differing only in the tip radius, each profile being simply shortened and rounded at the nose as required to obtain the given nose radius. This was done in order to avoid any possibility of distortion in the blade profile if they were made separately. Nr 4 blade had a profile fairly similar to that of the blade Nr 1. These blades were assembled in 6 different groups,

Experimental Investigation of Cascades of Blades (Rotor Blades) With Supersonic Speeds at the Entry

i.e. in six different cascades (see Table 1). Cascades 1, 3, 4 and 5 were arranged so that the passage between them was converging-diverging; cascade 2 had the passages practically of the constant width and in cascade 6 the passage was converging uniformly along its whole length. The results presented in this paper are the mean values, i.e. they were measured at the central plane of the cascade height. Fig 4 represents the effect of the entry angle (β_1) on the efficiency (η) of the cascades. Increasing the entry angle results in the airflow into cascades being smoother, hence the intensity of the shock waves diminishes and therefore the efficiency of the cascades increases. Fig 5 shows the effect of the blade spacing in the cascade on its efficiency for the angle of incidence 0° and various velocities at the entry. The tests were carried out only with the Nr 1, 2 and 3 cascades. Higher losses in the cascade Nr 3 result from the boundary layer separation from

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the top surface of the blades and from the greater non-uniformity of the stream at the exit from the blade passages. Fig 6 shows the effect of the nose rounding (tip radius) on the efficiency of the cascades, with the angle of incidence or the angle of the entry being kept constant, while the entry velocity was varied. Only cascades Nr 1, 4 and 5 were tested as they had widely different nose radii. However, the geometric angles β_{1n} in each of these were also substantially different; for this reason the experiments were carried out first with $i = \text{const}$ and afterwards with $\beta_1 = \text{const}$ for each of these cascades. In Fig 7, the efficiency of the cascade Nr 1 is presented in terms of the velocity at the entry for various angles of approach. All these curves have a maximum and then fall off. This may be explained as follows: for slightly supersonic speeds the flow past the frontal portion of the blades at first improves as the velocity increases but then shock losses at the front and the excessive

Experimental Investigation of Cascades of Blades (Rotor Blades) With Supersonic Speeds at the Entry

expansion at the back counteract more strongly so that efficiency is reduced. At supersonic speeds past the flow behind the cascades is very unsteady due to shock waves at the entry and the variations of direction of the flow encountered in experiments were of the order of 8 to 10°. For this reason the term "angle of exit" for the flow can only be interpreted as a mean value, β_{2cp}. Fig 8 shows the relation between the angle of exit and the angle of entry for the cascade Nr 6 at $\lambda_1 = 1.38$. The full line represents the relation of Eq (1) (continuity relation), the coefficient 1.1 being introduced to represent the effect of overlap and the broken line represents the experimental results. As the nozzle begins to get "chocked" by the cascade β_{2cp} grows less and less with β_1. Similar results were obtained in Ref 3. In Fig 9, the experimental data for all six cascades are shown, giving the relation between the normalized

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exit and entry angles, $\bar{\beta}_{2cp}$ and $\bar{\beta}_1$ respectively. A general formula may be formed from these data as given by Eq (2) for the whole range of speeds until chocking begins. There are 9 figures, 1 table and 4 Soviet references.

ASSOCIATION: Kazanskiy aviatsionnyy institut, Kafedra aviatsionnykh turbomashin (Kazan' Institute of Aeronautics, Chair of Aircraft Turbines)

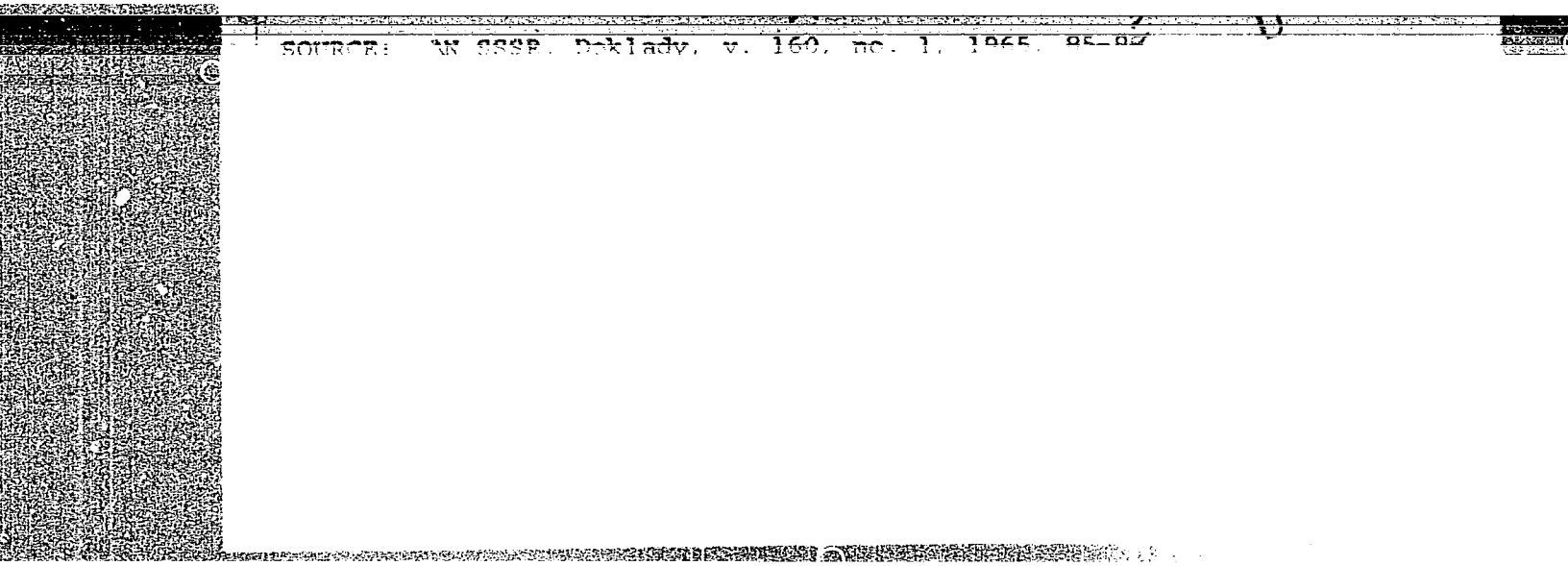
SUBMITTED: January 17, 1959

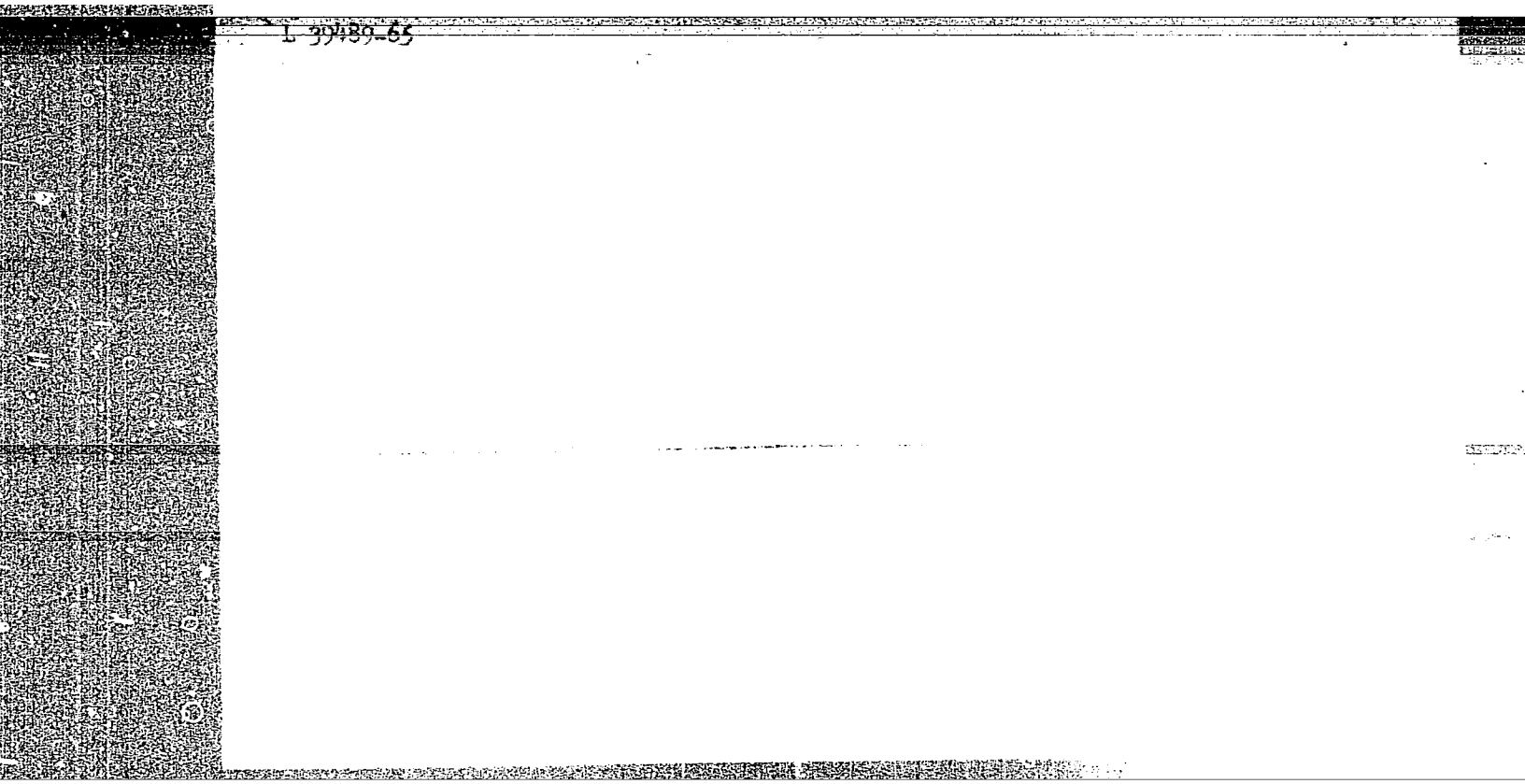
Card 8/8

BIKBULATOV, T.A.

Continuously variable electronic circuit for mass-spectrum scanning. Prib. i tekh. eksp. 9 no.4:183-184 Jl-Ag '64. (MIRA 17:12)

1. Institut yadernoy fiziki AN KazSSR.





APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205310009-1"

AUTHOR: Bikbulatova, K. F. 30-58-4-26/44

TITLE: 80th Anniversary of N. A. Nekrasov's Death (80 let so dnya smerti N. A. Nekrasova). All-Union Conference at Yaroslavl' (Vsesoyuznaya konferentsiya v Yaroslavle)

PERIODICAL: Vestnik Akademii Nauk SSSR, 1958, Nr 4, pp. 111-112 (USSR)

ABSTRACT: This conference took place from January 25-28. It had been organized by the Institute for Russian Literature (Puschkin-House) and for World Literature imeni A. M. Gor'kiy of the AS USSR, the Yaroslavl' Pedagogic Institute imeni K. D. Ushinskiy, and the Memorial Museum N. A. Nekrasov (Karabikha). It was devoted to "Results and Actual Research Problems of N. A. Nekrasov's Activity". Scientists, writers and pedagogues from more than 30 towns of the country took part in it. V. G. Bazanov (Leningrad) opened the conference and underlined the necessity of still further investigating Nekrasov's works. The main report was delivered by A. M. Yegolin;

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it dealt with the works already carried out, as there are the creation of a biography of the poet, the investigation of his relations with N. G. Chernyshevskiy and V. G. Belinskiy and it mentioned also the new publications on Nekrasov's works by V. Ye. Yevgen'yev-Maksimov, K. I. Chukovskiy. N. L. Stepanov, T. A. Besedina and others. N. L. Stepanov (Moscow), I. V. Shamorikov (Moscow), S. A. Chervyakovskiy (Gor'kiy), G. A. Remenik (Yaroslavl')dealt with important problems in their reports. The Aspirant of Moscow University Chzhan Da-ke reported on the translations of Nekrasov's works into Chinese. R. N. Krendel' (Library imeni V. I. Lenin, Moscow) spoke on Nekrasov's bibliography. A number of other reports were given at this conference.

1. Literature—USSR

I. Nekrasov, N. A.

30(6)
AUTHOR: Bikbulatova, K. F.

SOV/30-59-4-39/51

TITLE: Nekrasov-Conference (Nekrasovskaya konferentsiya)

PERIODICAL: Vestnik Akademii nauk SSSR, 1959, Nr 4, pp 128-129 (USSR)

ABSTRACT: From January 27 to 30, the due All-Union Conference took place in Novgorod. It was convened by the Institut Russkoy literatury (Pushkinskiy Dom) (Institute of Russian Literature (Pushkin House)) and the Institute of the Mirovaya literatura Akademii nauk SSSR (Institute of Universal Literature of the Academy of Sciences of the USSR) as well as by the Leningradskoye otdeleniye Soyuza sovetskikh pisateley (Leningrad Department of the Association of Soviet Writers), and the Novgorodskiy pedagogicheskiy Institut (Novgorod Pedagogical Institute). The Conference was attended by scientists and writers of a number of cities. A. M. Yegolin spoke on the "Lyric Poetry of the Poets of the Nekrasov School of the Sixties and Seventies". V. G. Basanov spoke about the poem "Who Has a Good Life in Russia" in the light of political peasant eloquence. D. D. Blagoy dealt with "N. A. Nekrasov's Lyric Love Poetry", N. V. Os'makov spoke on "Nekrasov and the Revolutionary Narodniki Movement". The report of N. L. Stepanov who was absent

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"On the Problem of the Depiction of Characters in Nekrasov's Poetry" was read. A. V. Popov reported on "Nekrasov and Novgorod kray". G. A. Remennik spoke on "Nekrasov and Soviet Poetry". The following reports were heard: B. O. Korman (Borisoglebsk) "On the Dramatization of the Lyric Monologue in the Lyric Love Poetry by Tyutchev and Nekrasov". V. G. Lartsev (Samarkand) on "The Style of Lyric Poetry in Nekrasov's and Mayakovskiy's Works". V. G. Prokshin (Ufa) on "The Style of the Poem "Sovremennik" by Nekrasov". B. D. Udintsev (Moscow) on "N. A. Nekrasov and D. N. Mamin-Sibiryak". L. A. Il'in (Kalinin) on an "Unpublished Poem by S. D. Drozhzhin, Dedicated to Nekrasov". O. K. Andriyenko (Minsk) on "Artistic Translations of Nekrasov by Ya. Kupala". V. P. Dubrovina (Arzamas) - "Observations Made on the Basis of Grammatical Means Employed for the Expression of Ideas by Nekrasov in His Poetry". Ye. Z. Litovchenko (Novgorod) on "Nekrasov and Shevchenko". The next Nekrasov-Conference was scheduled to take place in January 1960 in Kostroma.

USSR / Human and Animal Physiology. Digestion, Stomach. T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70271

Author : Bikbulatova, Kh. S.
Inst : Not given
Title : The Reversibility of Types of Gastric Secretion in Patients with Ulcerative Diseases under the Influence of Sleep Therapy

Orig Pub : Klinich. Meditsina, 1957, Vol 35, No 2, 118-123

Abstract : In 85 patients with ulcers, differential sedative treatment was carried out following determinations of the state of stimulatory and inhibitory processes in the central nervous systems of those patients by an anamnestic test. Patients with weak inhibitory processes received luminal (I) in combination with injections of NaBr. Patients with predominantly inhibitory processes received chloral hydrate (II); patients in whom no predominance of inhibitory or

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Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70271

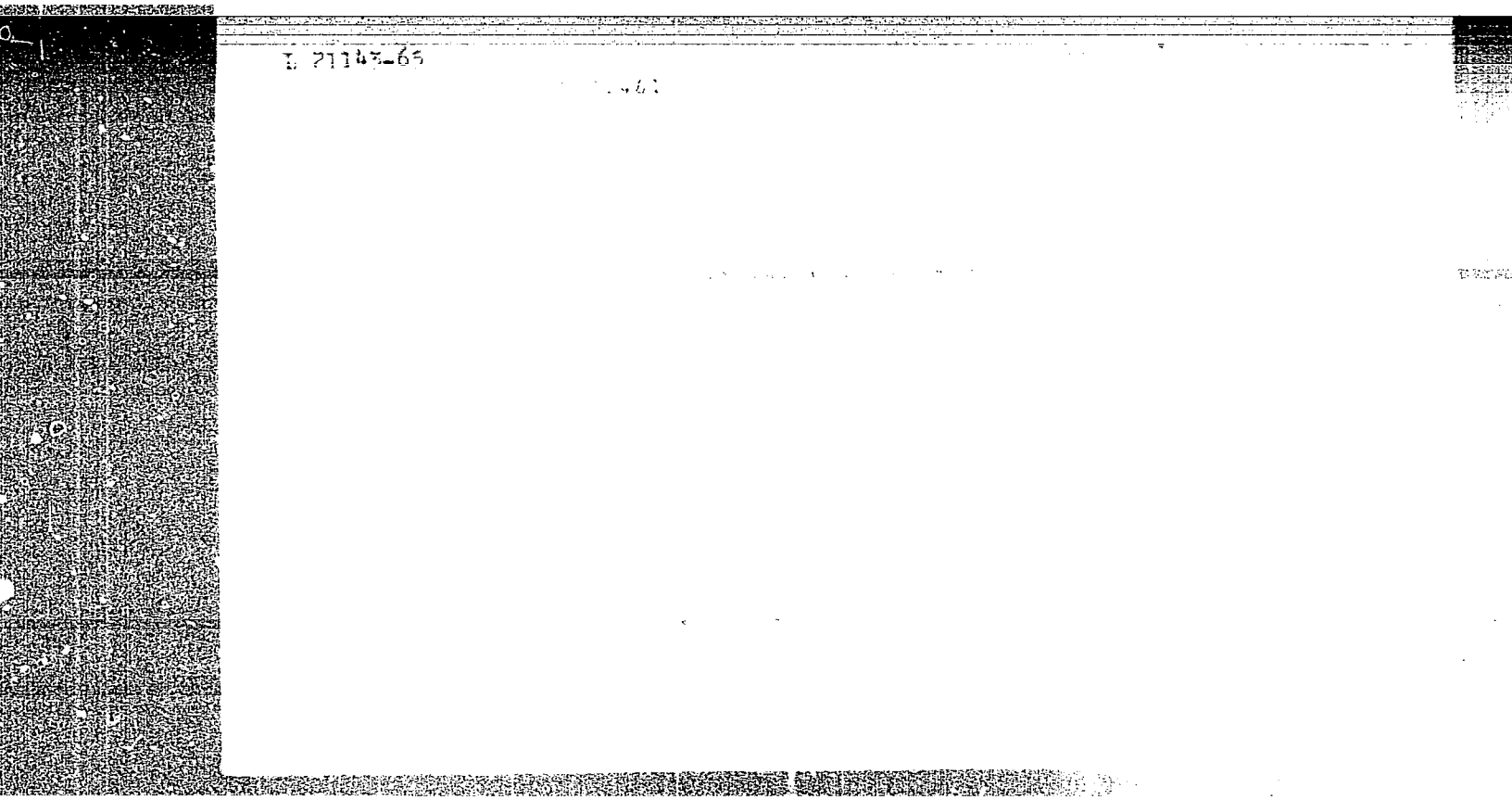
stimulatory processes could be seen received both I and II; patients with pronounced phenomena of stimulation received preliminary injections of NaBr. Under the influence of differential therapy with prolonged physiologic sleep, the majority of patients showed a reduction in the elevated secretion of the fasting stomach without a parallel reduction in acidity. The majority of patients exhibited a reversibility of the asthenic, inert, and inhibitory types of secretion and a regular stabilization of the stimulatory type of gastric secretion. -- A. I. Acharkan

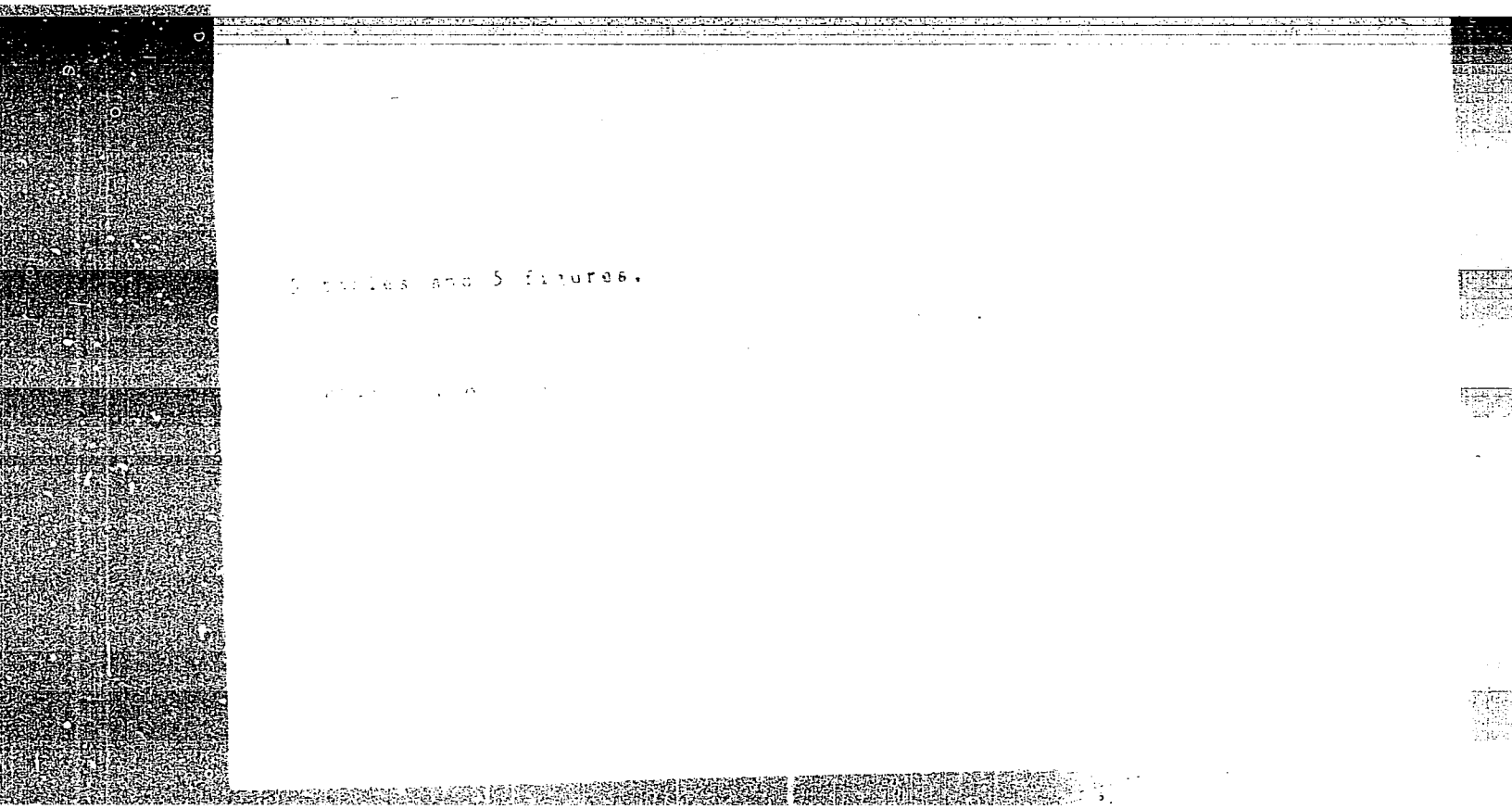
BIKBULATOVA, Kh.S.; BILICH, I.L.; TALANTOV, V.V.

Special mechanism of the pathogenesis of peptic ulcers and their correlation during treatment. Nauch. trudy Kaz. gos. med. inst. 14:371-372 '64. (MIRA 18:9)

1. Kafedra gospital'noy terapii No.1 (zav. - prof. K.A.Mayanskaya) Kazanskogo meditsinskogo instituta.

L 21143-65 EPF(n)-2/EWT(m)/EWP(b)/EWP(t) Pu-4 IJP(c)/SSD/AFWL/AFETR





S/124/60/000/005/002/007
A005/A001

Translation from: Referativnyy zhurnal, Mekhanika, 1960, No. 5, p. 38, # 5756

AUTHOR: Bikchantayev, M.Kh.

TITLE: On the Hydrodynamical Calculation of Slotted-Airfoil Profiles in a Potential Flow of an Incompressible Liquid

PERIODICAL: Tr. Kazansk. aviats. in-ta, 1958, Vol. 38, pp. 73-91

TEXT: A plane with two slots is mapped onto the interior of a rectangle by means of theta-functions. Thereupon, the interior of this rectangle is mapped onto the interior of the annular region in such a manner that one of the slots (t_1) passes into the exterior periphery (R_1), the second slot (t_2) into the second periphery (R_2) of the concentric ring, and the entire flow region passes into the interior of the ring. Further, two arbitrary profiles are considered and the map of their exterior region is plotted onto the interior of the annular ring by a power series, the principal part of which represents the map of the chords of these profiles found earlier. The scheme of plotting the double-row lattice is outlined by means of mapping onto the infinite-sheeted Riemannian

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S/124/60/000/005/002/007
A005/A001

On the Hydrodynamical Calculation of Slotted-Airfoil Profiles in a Potential Flow of an Incompressible Liquid

surface. The slotted airfoil is considered in detail, formulae for determining the characteristical function are presented, as well as for the distribution of velocity and pressure over the airfoil surface. There are 4 references.

A.I. Borisenko

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

S/044/60/000/006/001/003
C 111/ C 333

10.3000

AUTHOR: Bikchantayev, M. Kh.

TITLE: On the Hydrodynamic Calculation of Separated Airfoils in the Potential Flow of an Incompressible Fluid (Tr. Kazansk. aviats. in-ta, 1958, 38, 73-91)

PERIODICAL: Referativnyy zhurnal. Matematika, 1960, No. 8, p.75

TEXT: The author considers the problem of the flow around doubly connected contours by the potential flow of an incompressible fluid.

§ 1. For the conformal mapping of a zone of flow with two arbitrary sections on the interior of a circular ring the author gives formulas which are important in the following.

§ 2. The mapping of the external zone of two arbitrary profiles on the interior of the circular ring is considered. The equations of the profiles are given in parameter representation. Successive approximations according to the scheme of S. G. Nuzhin are used for the determination of the coefficients of the equations of the profiles. The successive approximations are based on the application of conformal mappings of the interior of the ring on the external domain of two arbitrarily situated line sections.

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S/044/60/000/006/001/003
C 111/ C 333

On the Hydrodynamic Calculation of Separated Airfoils in the Potential Flow of an Incompressible Fluid

The velocity of convergence is not investigated.

In § 3 the author considers the mapping of the external region of a double-row grid, consisting of profiles of arbitrary form and lying in the z-plane, on the canonical region. For the determination of the velocity distribution on the profiles of every row the author applies mappings

$$t = e^{\frac{2\pi}{h} z},$$

where h is the step of the grid. Then formulas are given for the absolute values of the velocities V_1 and V_2 on the surfaces of the first and second profile, and then the pressure distribution on the profiles is determined according to Bernoulli.

It should be remarked that the single paragraphs are represented independently and that it is not referred to the connection with the preceding paragraphs which complicates the reading of the paper.

G. Ya. Khazhaliya

Card 2/2

BIKCHANTAYEV, M.Kh.

Turbulent boundary layer and the frictional resistance of a cylinder in a compressible fluid. Trudy KAI 44:3-14 '59. (MIRA 14:2)
(Fluid dynamics) (Boundary layer)

SIMONOV, V.G.; SIMONOV, K.S.; BIKCHENTAY, M.A., redaktor; KHITROV, P.A., tekhnicheskiy redaktor.

[Manual for railroad dispatch and yard clerks] Rukovodstvo tekhnicheskomu kontorshchiku i spisshiku vagonov. Moskva, Gos.transp. zhel-dor. izd-vo, 1952. 131 p. (MLRA 7:11)

1. Russia (1923- U.S.S.R.) Ministerstvo putey soobshcheniya. (Railroads--Train dispatching)

LANGUROV, I.Z.; BIKCHENTAY, M.A., inzhener, redaktor.

[Methods of getting increased service from railroad tank cars] Puti uskoreniia oborota tsistern. Moskva, Gos. transp.zhel-dor. izd-vo, 1953. 151 p. (MLRA 7:2)
(Tank cars)

LEVITSKIY, N.K.; BIKCHENTAY, M.A., redaktor; VERINA, G.P., tekhnicheskiy redaktor.

[Organization of train dispatching on industrial railroad lines] Organizatsiia dispetcherskogo rukovodstva na promyshlennom zheleznodorozhnom transporte. Moskva, Gos. transp. zhel-dor. izd-vo, 1953. 143 p. [Microfilm] (MLRA 7:11)

(Railroads--Train dispatching)

LEPSKIY, A.V.; BIKCHENTAY, M.A., redaktor; YUDZON, D.M., tekhnicheskiy redaktor

Mechanization of lumber unloading from railroad freight cars. Trudy TSNII MPS no.78:3-124 '54.
(Lumber--Transport) (MLRA 8:5)

BIKCHENTAY, M.A., starshiy nauchnyy sotrudnik

What should a dispatcher's control board be like? Avtom.,telem. i sviaz' 4 no. 12:4-8 D '60. (MIRA 14:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta Ministerstva putey soobshcheniya.
(Railroads--Signaling)

BIKCHENTAY, M.A., inzh.

C.T.C. system in a large railroad junction station. Vest. TSNII MPS 19 no.3:62-64 '60. (MIRA 13:10)
(Frankfurt on the Main--Railroads--Signaling--Centralized traffic control)

BERNGRAD, K.A., doktor tekhn.nauk; VASIL'YEV, G.S., kand.tekhn.nauk;
BIKCHENTAY, M.A., insh.; FROLOV, I.A., insh.

Ways for traffic control autmation in large railroad junctions.
Vest.TSNII MPS 19 no.6:3-8 '60. (MIRA 13:9)
(Automatic control) (Railroads--Train dispatching)

BIKCHENTAY, M.A., inzh.

Requirements of the communication systems in railroad centers.
Avtom., telem. i sviaz' 5 no.12:10-12 D '61. (MIRA 14:12)
(Railroads--Signaling) (Railroads--Communication systems)

BERNGARD, K.A., doktor tekhn.nauk, prof.; BIKCHENTAY, M.A., inzh.

Automation of the current planning of train handling in large junction points. Vest. TSNII MPS 20 no.7:6-9 '61. (MIRA 14:12)
(Railroads—Making up trains)
(Electronic calculating machines)

PETROV, A.P., doktor tekhn. nauk, prof.; DUVALYAN, S.V., kand. tekhn. nauk; ABADUROVA, Ye.V., inzh.; ZHURAVLEV, M.M., inzh.; KHANDKAROV, Yu.S., inzh.; SAMARINA, N.A., inzh.; ZAV'YALOV, B.A., kand. tekhn.nauk; BERNGARD, K.A., doktor tekhn. nauk, prof.; VASIL'YEV, G.S., kand. tekhn. nauk; BIKCHENTAY, M.A., inzh.; FROLOV, I.A., inzh.; SIDEL'NIKOV, V.M., inzh.; MOKROUSOVA, N.I., inzh.; POZAMANTIR, E.I., kand. tekhn. nauk; GLUZBERG, E.A., retsenzent; MAKSIMOVICH, B.N., kand. tekhn. nauk, retsenzent; PREDE, V.Yu., inzh., red.

[Use of electronic digital computers in compiling train sheets]Sostavlenie grafika dvizheniia poezdov na elektronnykh tsifrovykh vychislitel'nykh mashinakh. Moskva, Transzheldorizdat, 1962. 199 p. (MIRA 15:9)

1. Chlen-korrespondent Akademii nauk SSSR (for Petrov).
(Railroads--Train dispatching)
(Railroads--Electric equipment)

PETROV, A.P., doktor tekhn. nauk, prof.; TULUPOV, L.P., kand. tekhn. nauk; KRYUKOV, N.D., kand. tekhn.nauk; GUNDOBIN, V.N., inzh.; VASIL'YEV, G.S., kand. tekhn. nauk; GRISHIN, M.S., kand. tekhn. nauk; MOROZOVA, K.N., inzh.; ROZE, V.A., inzh.; LEVSHIN, G.L., inzh.; BERNGARD, K.A., doktor tekhn. nauk, prof.; BIKCHENTAY, M.A., inzh.; BUYANOV, V.A., inzh.; ILOVAYSKIY, N.D., inzh.; MUKHAMEDOV, G.A., kand. tekhn.nauk; MIROSHNICHENKO, A.P., inzh.; ANDRIANOV, V.P., inzh.; BUTS, V.D., inzh.; KAZIMOV, A.A., inzh.; KIREYEV, O.P., inzh.; DYUFUR, S.L., kand. tekhn. nauk; USTINSKIY, A.A., kand. tekhn. nauk; MIKHAYLOV, S.M., inzh.; NESTEROV, Ye.P., kand. tekhn. nauk, retsenzent; LIVSHITS, V.N., inzh., retsenzent; PREDE, V.Yu., inzh., red.; VOROTNIKOVA, L.F., tekhn. red.

[Control of transportation processes using electronic digital computers] Upravlenie perevozochnym protsessom s primeneniem elektronnykh tsifrovykh vychislitel'nykh mashin. Pod obshchei red. A.P.Petrova. Moskva, Transzheldorizdat, 1963. 207 p. (MIRA 16:8)

1. Chlen-korrespondent AN SSSR (for Petrov).
(Railroads--Management) (Electronic digital computers)

BIKCHENTAY, M. A., insh.

Choice of stations and runs for inclusion in centralized dispatcher control at a railroad junction. Avtom., telem. i sviaz' 7 no.4:14-17 Ap '63. (MIRA 16:4)

(Railroads—Signaling—Centralized traffic control)

USSR / Human and Animal Physiology. Nervous System, Higher Nervous Activity, Behavior. T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70576

Author : Bikchentay, N. A.
Inst : Stalinabad State Ped. Institute
Title : The Theories of I. P. Pavlov and the Problem of Association in Psychology

Orig Pub : Uch. zap. Stalinabadsk. gos. ped. in-t, 1956, Vol 12, No 1, 11-29

Abstract : No abstract given

Card 1/1

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70563

connections", but which are not of conditioned reflex nature: these are the connections between a complex problem and the considered response to it arising on the basis of solution of the task. The basic features of these connections are: rapid automatization, stability, ready actualization, employment in the solution of new tasks, multiple stages, a tendency to a contracted form of expression, a reflection of fundamental objective laws, etc. -- M. I. Lisina

Card 2/2

USSR / Human and Animal Physiology. Nervous System, Higher Nervous T
Activity, Behavior.

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70562

objects in nature, the effects of these on different points of the cortex, and a concentration of stimulation around these points. -- M. I. Lisina

Card 2/2

BIKCHENTAY, O.S., kandidat tekhnicheskikh nauk.

Problems of improving norms for railroad car yards. Zhel.dor.transp. 37 no.10:36-38 O '55. (MLRA 9:1)

(Railroads--Management)

BIKCHENTAY, R.N.

Gas turbine motors and prospects for using them in the petroleum and gas industries. Trudy MINKHiGP no.24:246-256 '59.
(MIRA 13:3)

(Gas turbines)

BIKCHENTAY, R.N.; LOPOYAN, G.S.; PORSHAKOV, B.P.

[Use of gas turbine systems in industry] Primenenie gazoturbinnykh ustanovok v promyshlennosti. Moskva, Gosinti, 1959. 147 p. (MIRA 15:1)

(Gas turbines) (Industrial equipment)

FORSHAKOV, B.P.; BIKCHENTAY, R.N.; STREL'TSOV, I.A.

Comparison of various power drives to the centrifugal pressure pipes in compressor stations of a gas main. Gaz. prom. 6 no.11:50-56 '61. (MIRA 15:1)

(Gas pipes) (Gas turbines)

PORSHAKOV, B.P.; BIKCHENTAY, R.N.

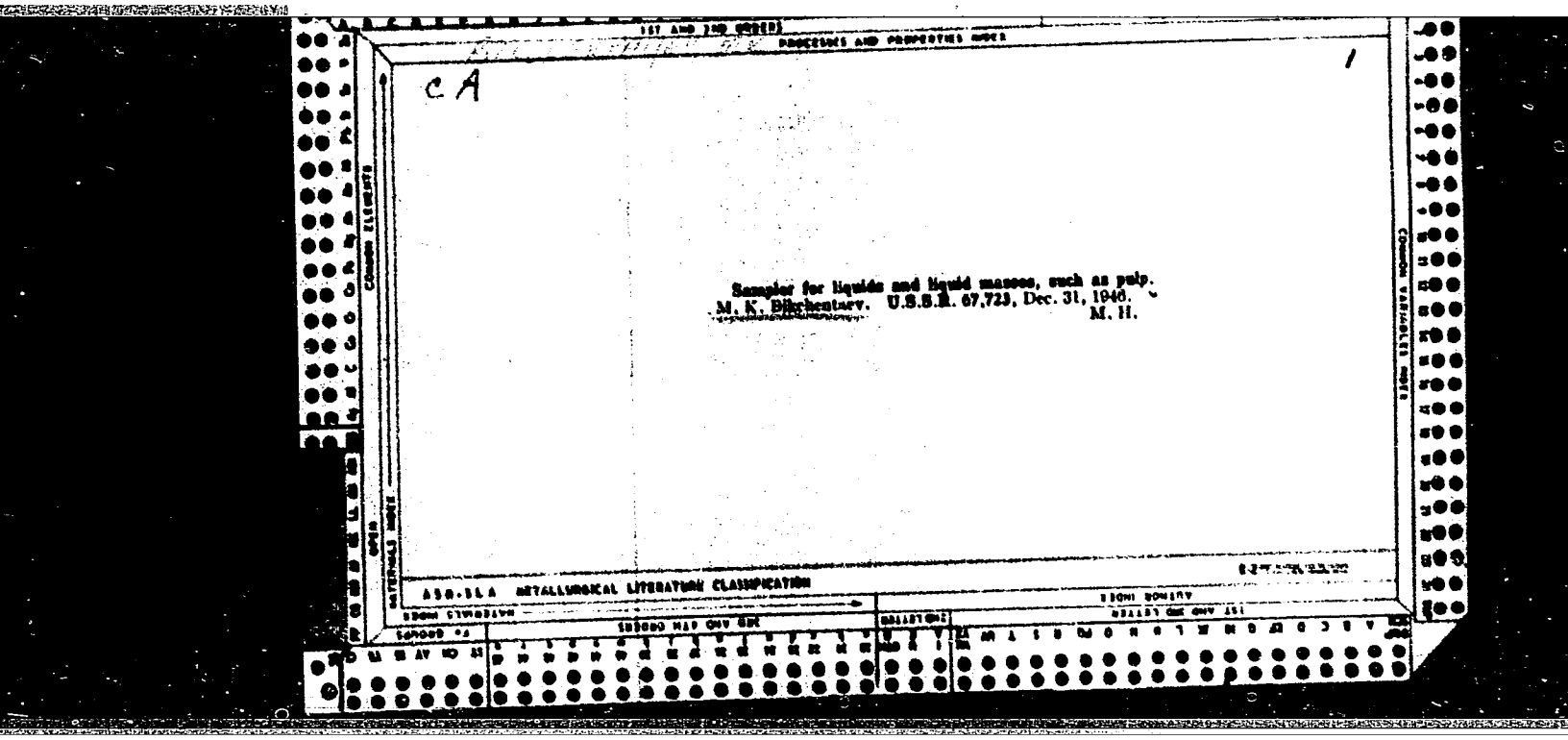
Limits to the practicability of the use of heat regeneration in gas-turbine units in compressor stations. Gaz. prom. 8 no.7:46-49 '63. (MIRA 17:8)

BELOKON', N.I.; BIKCHENTAY, R.N.; MATVEYEV, A.V.; PORSHAKOV, B.P.; TOLVENKOV, B.S.; BARMIN, S.F.; MOROZ, A.P.

Field testing the GT-700-5 gas turbine installation and its recuperator. Gaz.prom. 10 no.11:16-24 '65. (MIRA 19:1)

BIKCHENTAYEV, Akhmed Gadiyevich; LODVIKOVA, A.S., red.

[Housing construction in rural areas of the Tatar A.S.S.R.] Zhilishchnoe stroitel'stvo v sel'skoi mestnosti Tatarskoi ASSR. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 159 p. (MIRA 18:5)



BUKHMAN, Ya.Z.; MUTAYEV, R.S.; BIKCHENTAYEV, G.K.; SIMAKOV, P.G.; GALKIN, A.M.

Improvement of working conditions in strip mines. Bezop.truda v prom. 9 no.4:15-16 Ap '65. (MIRA 18:5)

BIKCHENTAYEV, M.-G.K.; SIMAKOV, P.G.; BERSHOV, Ye.P.; TARASHCHIK, A.D.

Combination truck and rail transportation in the Sibay pit. Gor. zhur. no.8:40-42 Ag '63. (MIRA 16:9)

1. Upravleniye metallurgii Sredne-Volzhskogo soveta narodnogo khozyaystva (for Bikchentayev). 2. Bashkirskiy mednosernyy kombinat (for Simakov, Bershov, Tarashchik).

BIKCHENTAYEV, M.K., gornyy inzh.

Transportation of oversize ore by rubble dump trucks.
Gor. zhur. no.10:78 O '65. (MIRA 18:11)

BIKCHENTAYEV, M. Kh.

"On the Hydrodynamic Design of Slotted Wing Profiles in a Potential Flow of a Noncompressible Liquid." Cand Tech Sci, Kazan' Aviation Inst, Kazan', 1954. (RZhMekh, Mar 55)

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

MAKAROV, V.M., inzh.; BIKCHENTAYEV, T.A.; KADKEVICH, V.N.; SAMSONOVA, A.A.; ZAOSTROVSKIY, F.P., kand. tekhn.nauk, retsenzent; KUBAREV, V.I., inzh., red.; TAIROVA, A.L., red.izd-va; MODEL', B.O., tekhn.red.; UVAROVA, A.F., tekhn.red.

[Rubberized and bimetallic machines and devices for the chemical industry; design and manufacture] Gummirovannye i bimetallicheskie mashiny i apparaty khimicheskikh proizvodstv; konstruirovanie i izgotovlenie. [By] V.M. Makarov i dr. Moskva, Mashgiz, 1963. 274 p. (MIRA 17:2)

BIKCHENTAYEV, T.A., inzh.

Bimetallic digesters for the production of sulfite pulp. Khim.mashinostr. no.6:7-8 N-D '63. (MIRA 17:2)

S/080/62/035/008/008/009
D267/D308

AUTHORS: Voskresenskiy, V.A., Orlova, Ye.M., Bikchentayeva, S. Kh., and Komissarenko, A.B.

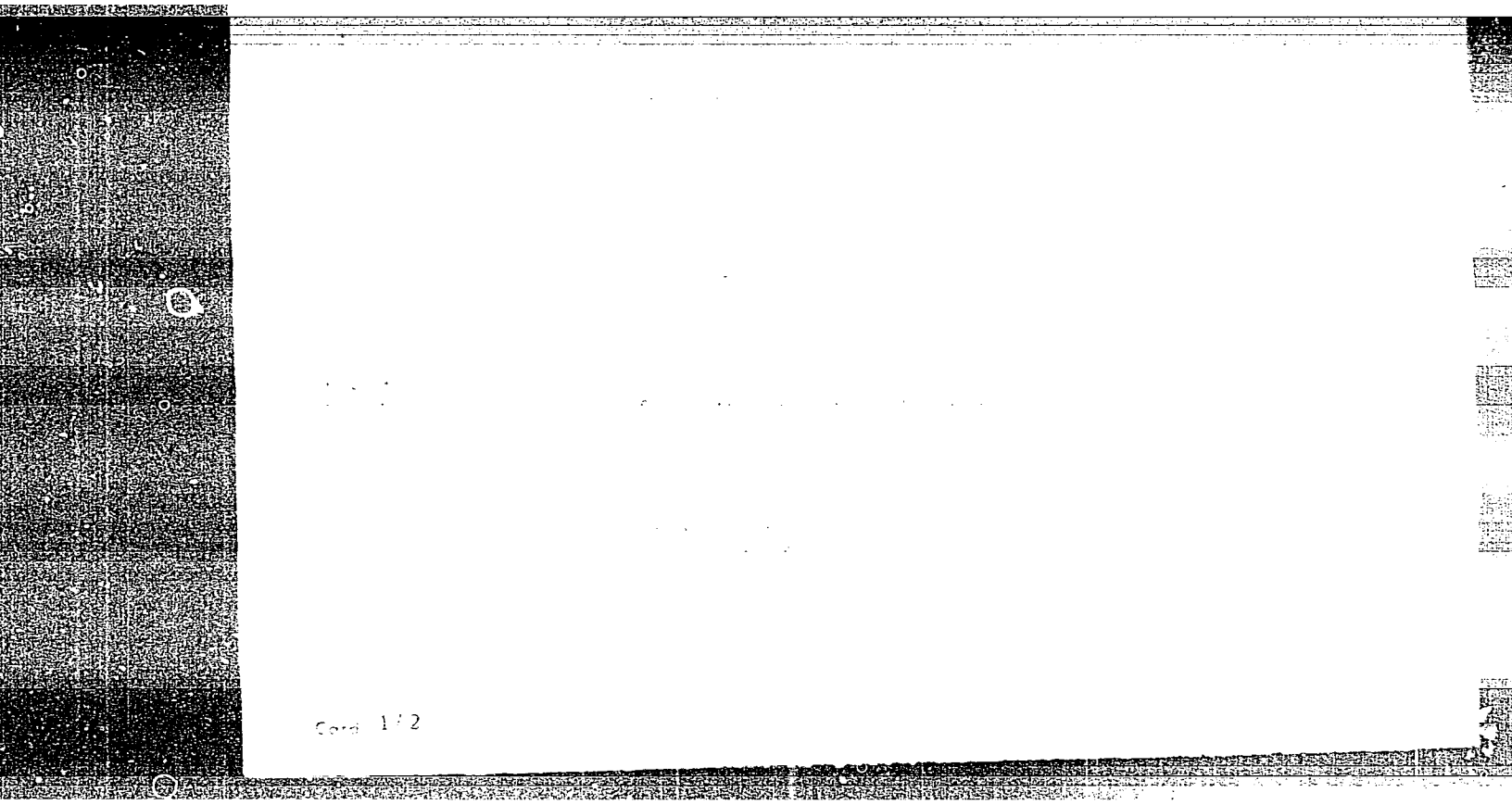
TITLE: The plasticizing of polytetrafluoroethylene

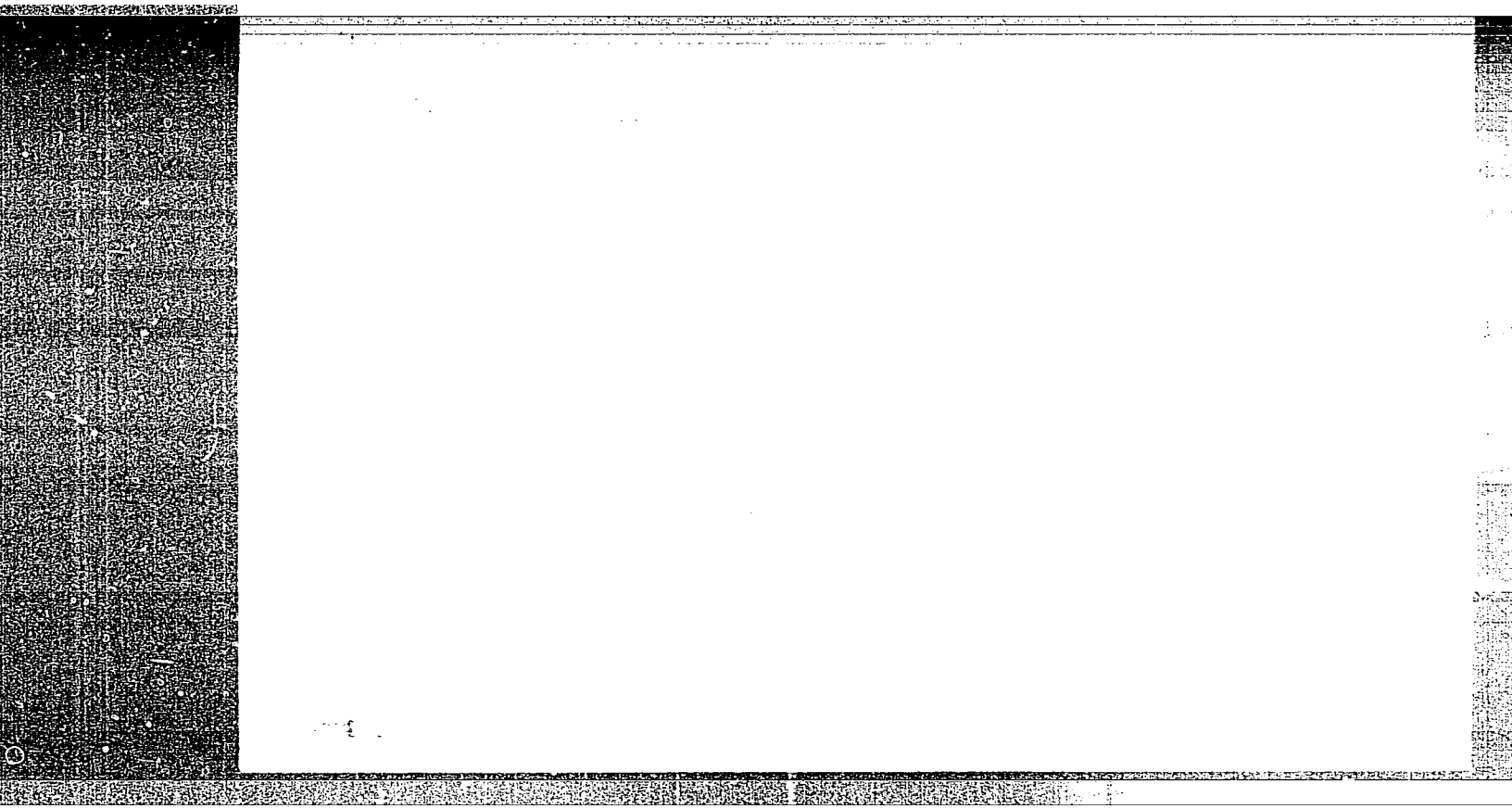
PERIODICAL: Zhurnal prikladnoy khimii, v. 35, no. 8, 1962, 1862 - 1863.

TEXT: The authors studied the possibilities of a physical plasticization of polytetrafluoroethylene by combining it with high-pressure polyethylene. The blending was carried out on rollers with the friction ratio 1 : 1.25 at 150 - 155°C, to complete homogeneity. It was found that the incorporation of very small proportions of polyethylene increased the fluidity of the compositions, the optimum results being obtained when blends with 30 - 35 % of polyethylene were used. There is 1 table.

SUBMITTED: June 12, 1961

Card 1/1





APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205310009-1"

BIKCHURIN, G.N., burovoy master

Oil-field boring machinery manufacturers should pay attention to drillers' suggestions. Neftianik 5 no. 12:11-12 D '60.
(MIRA 13:12)

1. Kontora bureniya No.1 tresta Al'met'yevburneft'.
(Al'met'yevsk region--Oil well drilling--Equipment and supplies)

1. EIKCHURIN, R.

2. USSR (600)

4. Skis and Skiing

7. To go forward always! Mol. kolkh. 19, no. 12, 1952.

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

SUMBATOV, R.A.; IBATULLIN, R.Kh.; BIKCHURIN, T.N.; KOZLOV, F.A.

Drilling wells of decreased diameter using a turbotachometer. Neft. khoz. 42 no.6:12-17 Je '64. (MIRA 17:8)

BIKCHURIN, T.N.; MURADOV, M.F.; KOZLOV, F.A.

Cave formation and the efficiency of methods for its control in the Novo-Elkhovskoye oil field. Burenie no.1:7-11 '65. (MIRA 18:5)

1. Trest "Al'met'yevburneft'".

BIKCHURIN, T.N.; IBATULLIN, R.Kh.; KOZLOV, F.A.

Effect of the power supplied to bits of decreased diameter on the indices of their operation. Burenie no.4:4-10 '65. (MIRA 18:5)

1. Trest "Al'met'yevburneft'".

BIKCHURIN, T.N.; IBATULLIN, R.Kh.; KOZLOV, F.A.; MURADOV, M.P.

Means for increasing the efficiency of one-roller bits in turbodrilling. Neft. khoz. 43 no.8:29-36 Ag '65.
(MIRA 18:12)