ALEKHIN, V.

Toward new attainments. Sov.profsoiuzy 7 no.4:43 Mr '59.
(MIRA 12:4)

1. Tretiy mekhanik tankera "Stalin" Kaspiyskogo parokhodstva, predsedatel' sudovogo komiteta profsoyuza.
(Tank vessels)

ALENIN, V. I.

7868. Denisyukov, I. M. I ALENIN, V. I. Sovmeshcheniye professiy V Magazine Stolovoy. Sbornik Statey. M., Gostorgizdat, 1955. 24s. sill. 20 sm. 15.000 ekz. 40k.-(55-4219) P

658.8st/ 640.245 st

SO: Knizhnaya Letopis', Vol. 7, 1955

ALEKHIN, Mikhail Petrovich; SHIFRIN, A.M., red.; RAYKHENSHTEYN, I.G., red.

[Coarse-tooth stocking cutter and finish milling of 45G17Yu3L low-magnetic steel] Chernovoe i chistovoe zubofrezerovanie malomagnitnoi stali 45G17Yu3L. Leningrad, 1964. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no.3) (MIRA 17:7)

BYKOV, N.Ye.; KUCHAPINA, M.I.; KAZAKOVA, V.Ye.; BORCVLEVA, T.P.; ALEKHIN, V.V.; BOKSERMAN, A.A.; GRIGOV, V.S.

Delineation of production areas in the fields of the cis-Carpathian region. Nauch.-tekh. sbor. po dob. nefti no.19: 6-12 '63. (MIRA 17:8)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.

KIGEL', Grigoriy Davydovich; ALENIN, Ye.G., nauchnyy red.; MIKHAL'CHUK, Z.V., red.; NESMYSLOVA, L.M., tekhn. red.

[Geodetic alignment in assembly work] Geodezicheskaia vyverka na montazhnykh rabotakh. Moskva, Profizdat, 1962. 70 p. (MIRA 15:11)

(Geodesy)
(Building--Tools and implements)

ALENINA, L.G.

Results of treating thyrotoxicosis with radioactive iodine. Vrach. delo no.5:525-526 My '60. (MIRA 13:11)

1. Kafedra rentgenologii i radiologii (zav. - prof. A.I.Dombrovskiy) Rostovskogo n/Donu meditsinskogo instituta.
(THYROID GLAND--DISEASES)
(IODINE--ISOTOPES)

ALEKHINA, L.G.

Clinical observations in the treatment of thyrotoxicosis with radioactive iodine. Med.rad. 5 no.6:17-20 '60. (MIRA 13:12)
(HYPERTHYROIDISM) (IODINE--ISOTOPES)

68-58-3-13/22

AUTHORS: Vvedenskiy, P.I., Alenina, M.T. and Teslenko, F.F.

TITLE: On the Problem of Economy of Purification of Coke Oven Gas from Hydrogen Sulphide (K voprosu ekonomiki ochistki koksovogo gaza ot serovodoroda)

PERIODICAL: Koks i Khimiya, 1958, Nr 3, pp 46 - 49 (USSR).

ABSTRACT: It is pointed out that in view of a large increase in the winning of elemental sulphur, its production as a by-product of gas purification has lost its importance. The costs of gas purification by vacuo-carbonate and arsenical methods are compared. It is concluded that the vacuo-carbonate method of purification of coke oven gas from hydrogen sulphide is cheaper and has more advantages. There is 1 table and 5 Soviet references.

ASSOCIATION: Khar'kovskiy inzhenerno-ekonomicheskiy institut (Khar'kov Institute of Engineering-Economics)

Card 1/1

VVEDENS'KYI, P.I.[Vvedens'kyi, P.I.], prof.; GAREV, L.P.[Hariev, L.P.], kand. ekonom. nauk; ALENINA, M.T.; AKHTIRCHENKO, G.M. [Akhtyrchenko, H.M.]

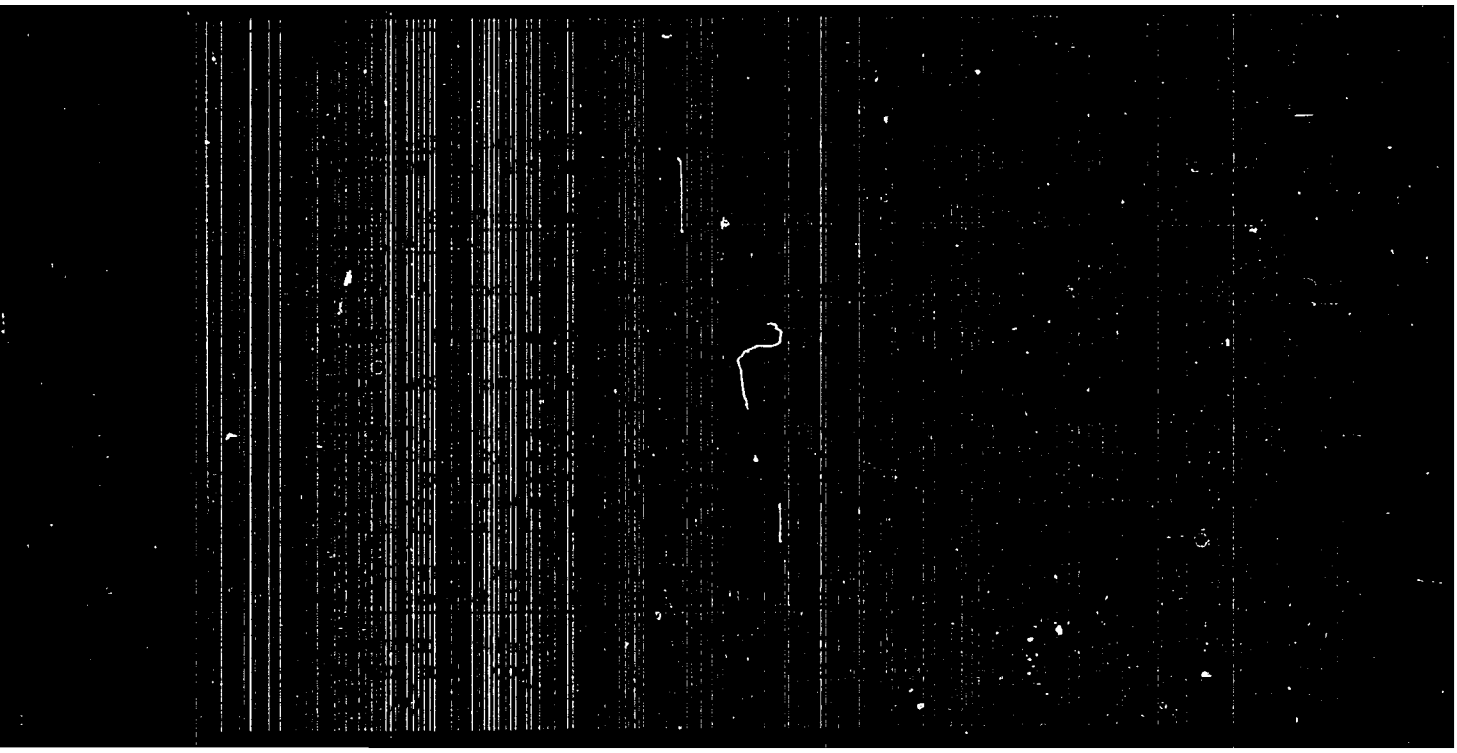
Study of the use of coke gas as a raw material for different branches of the chemical industry. Kompl. vyk. pal.-energ. res. Ukr. no.1:243-256 '59. (MIRA 16:7)

1. Khar'kovskiy inzhenerno-ekonomicheskiy institut.
(Coke-oven gas)

SEKT, P.Ye.; TKACHEV, S.F.; LEVIN, S.A.; ALENINA, M.T.; BARANNIK, A.G.

Analyzing the cost indices on the flotation process. Koks i khim. no.9:53-56 '63. (MIRA 16:9)

1. Khar'kovskiy inzhenerno-ekonomicheskiy institut.
(Coal preparation plants--Costs)



SOV/84-58-10-19/54

AUTHOR: Alenitskiy, S., Deputy Chief of Vnukovo Airfield [Moscow]

TITLE: Aid in Combat (Boyevoy pomoshchnik)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 10, p 11 (USSR)

ABSTRACT: The author mentions his Komsomol membership and stresses the importance of the organization's ties with the Communist party. There is 1 photograph of the author.

Card 1/1

ALEKSITSKIY, S., inzh.

Technical Council is in action. Grazhd.av. 18 no.7:9 Jl '61.
(MIRA 14:8)

(Vnukovo--Airports--Technological innovations)

ALENITSYN, A.G. (Leningrad)

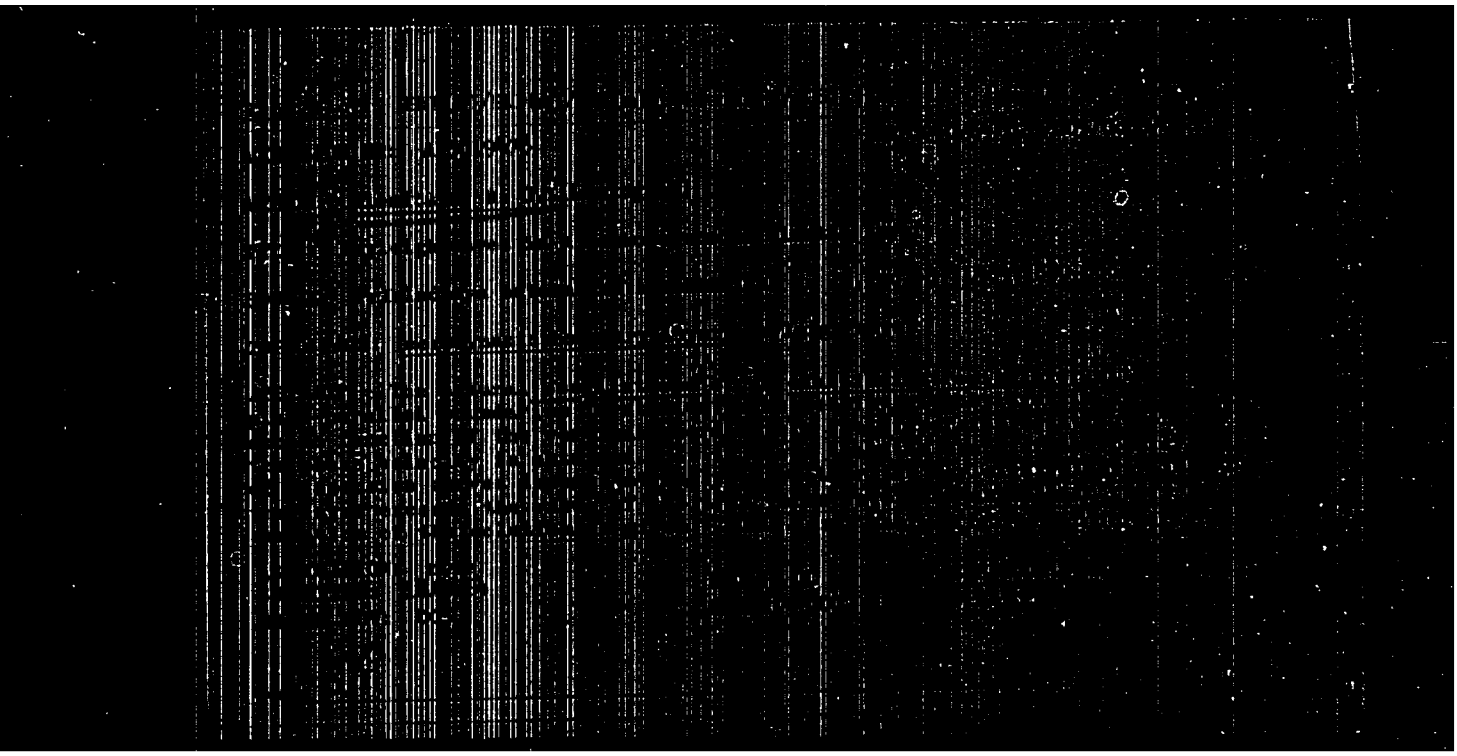
Rayleigh waves in an inhomogeneous elastic half-space. Prikl. mat. i mekh. 27 no.3:547-550 My-Je '63. (MIRA 16:6)

(Waves) (Elasticity)

ALENITSYN, A.G. (Leningrad)

"Asymptotic behaviour of solutions of sets of ordinary differential equations in problems of wave propagation in inhomogeneous elastic medium".

report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow, 29 January - 5 February 1964



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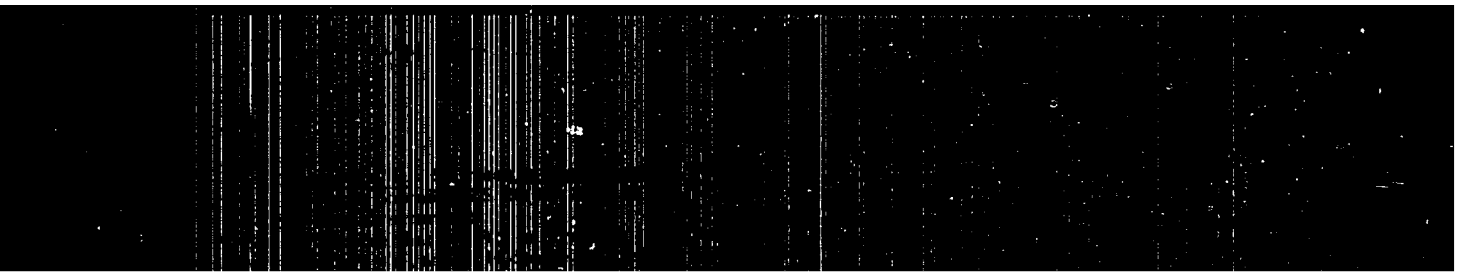

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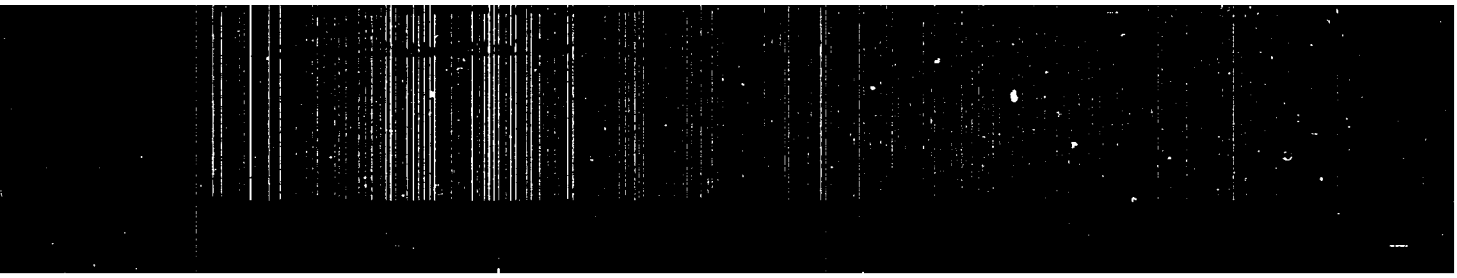

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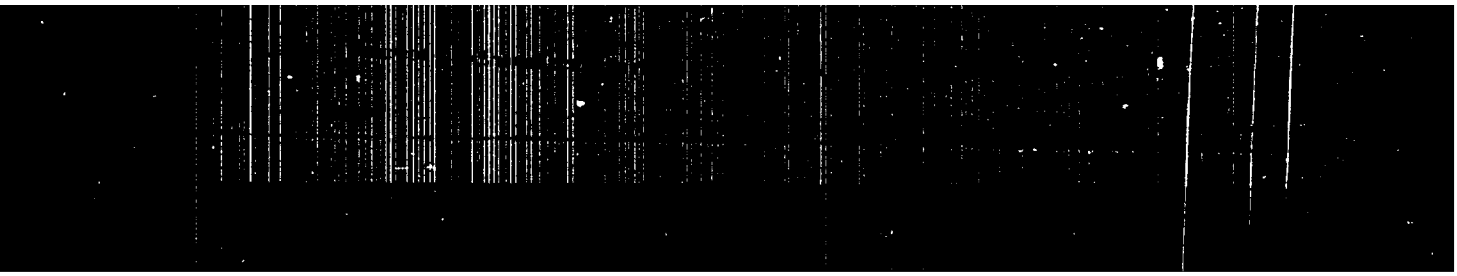

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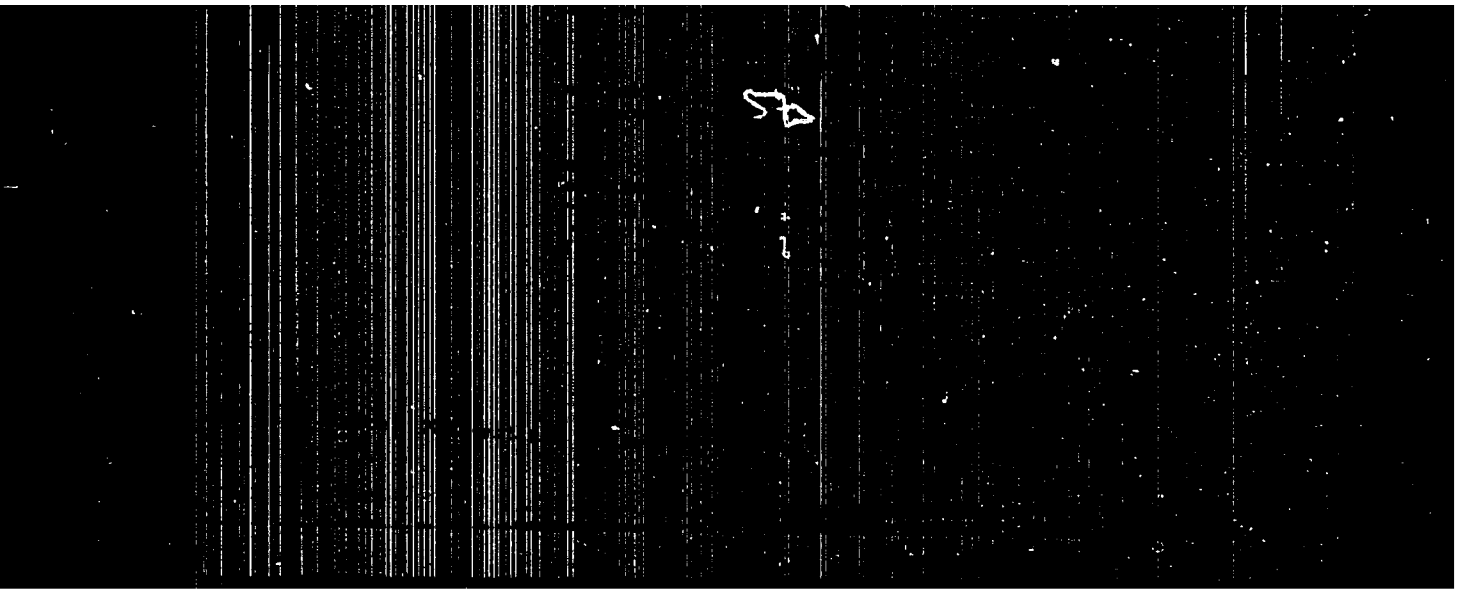

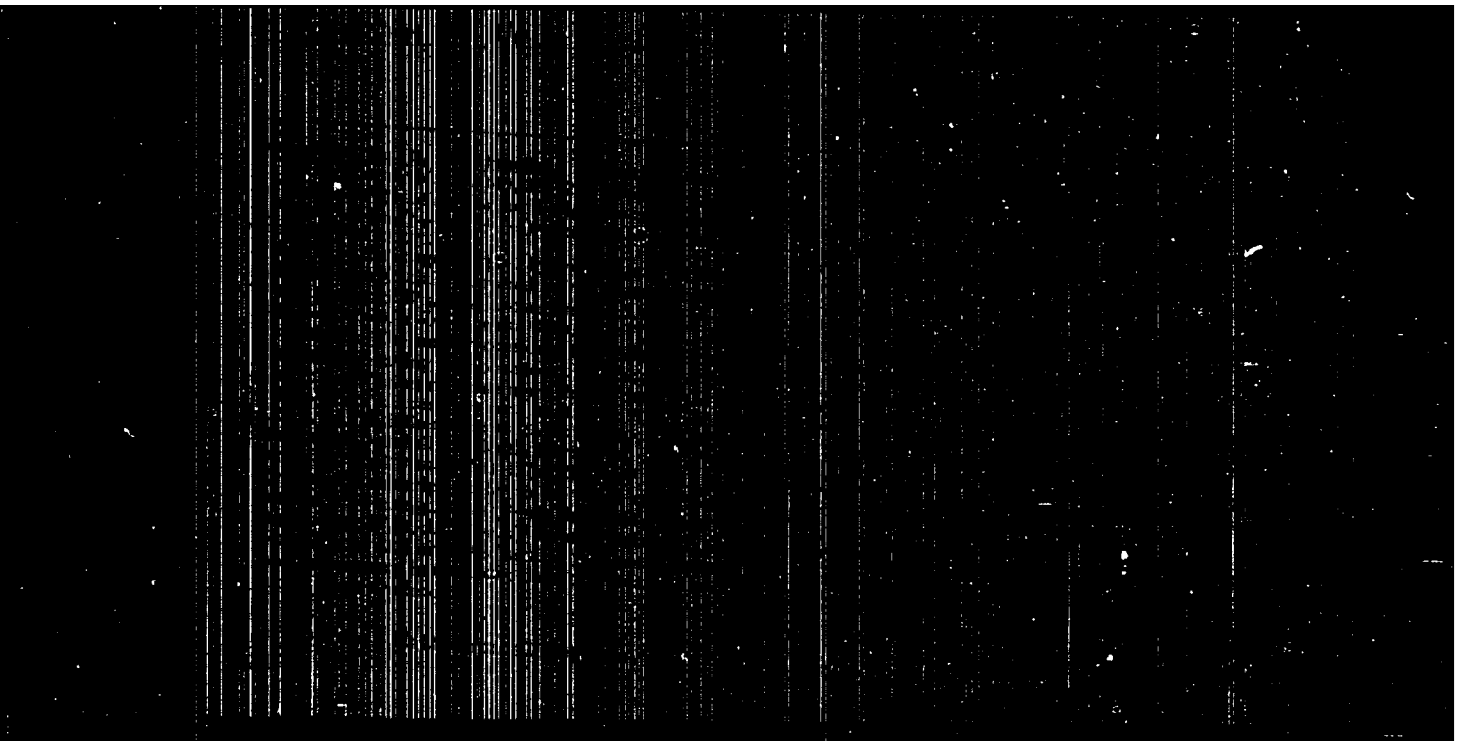

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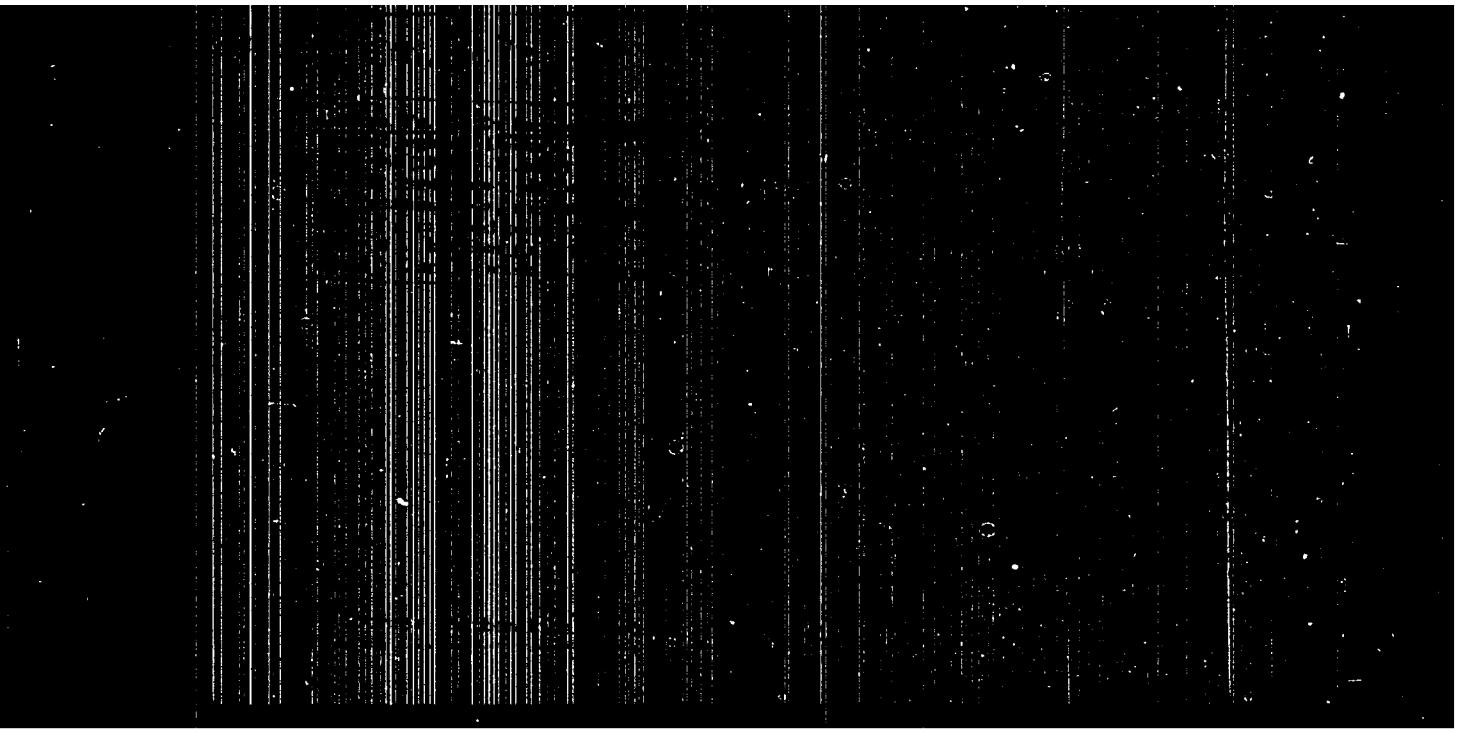

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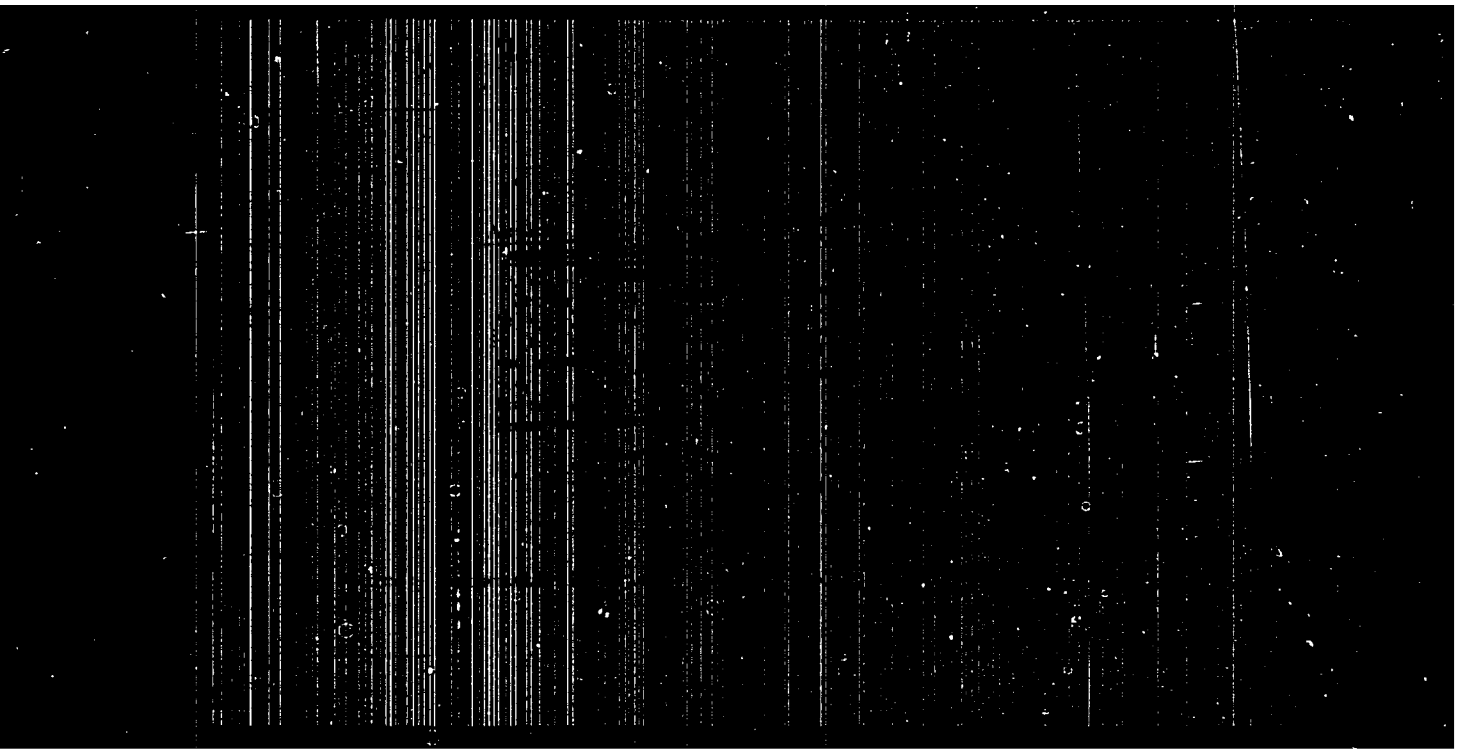

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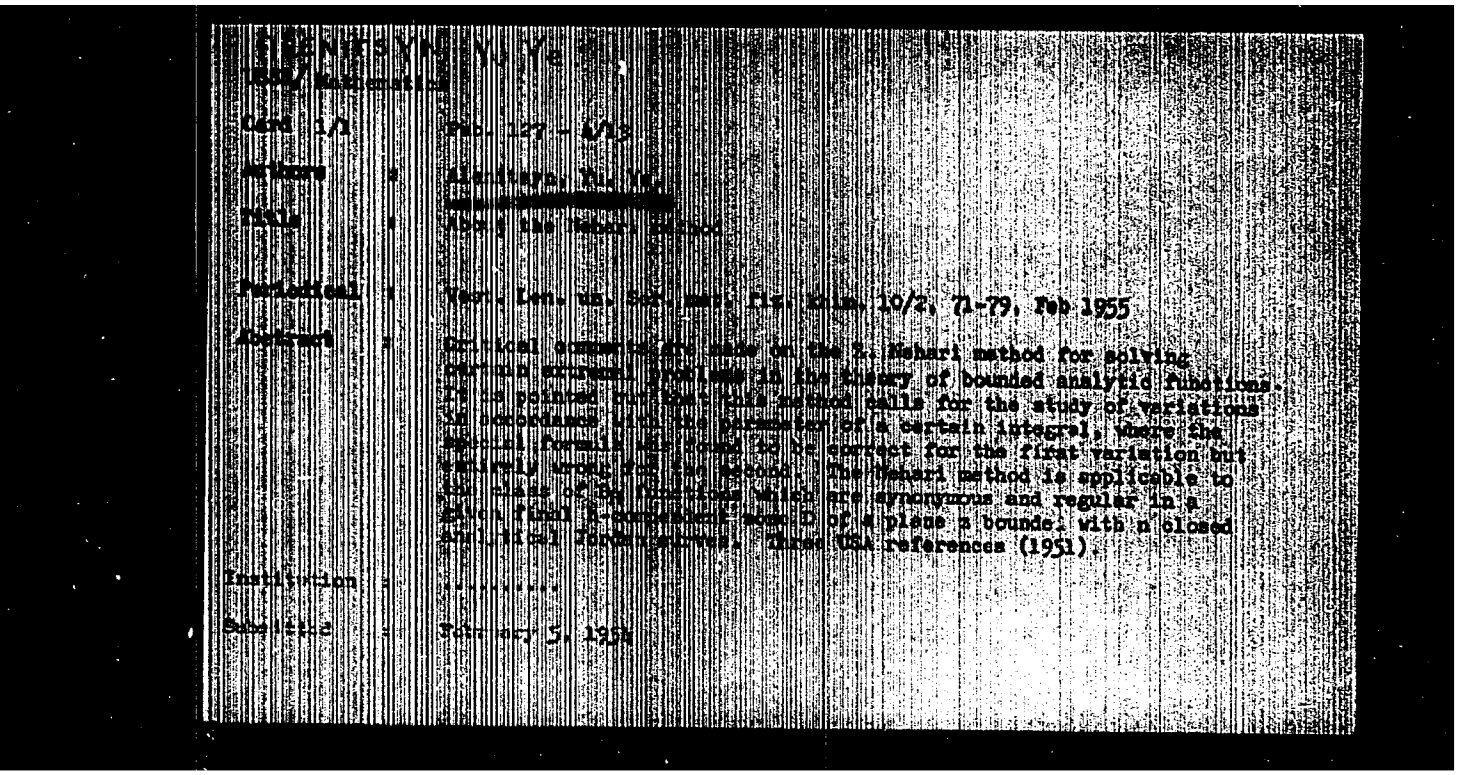


Card 1/1 Pub. 127 - 6/13

Author : Aleksandrov, P. S.

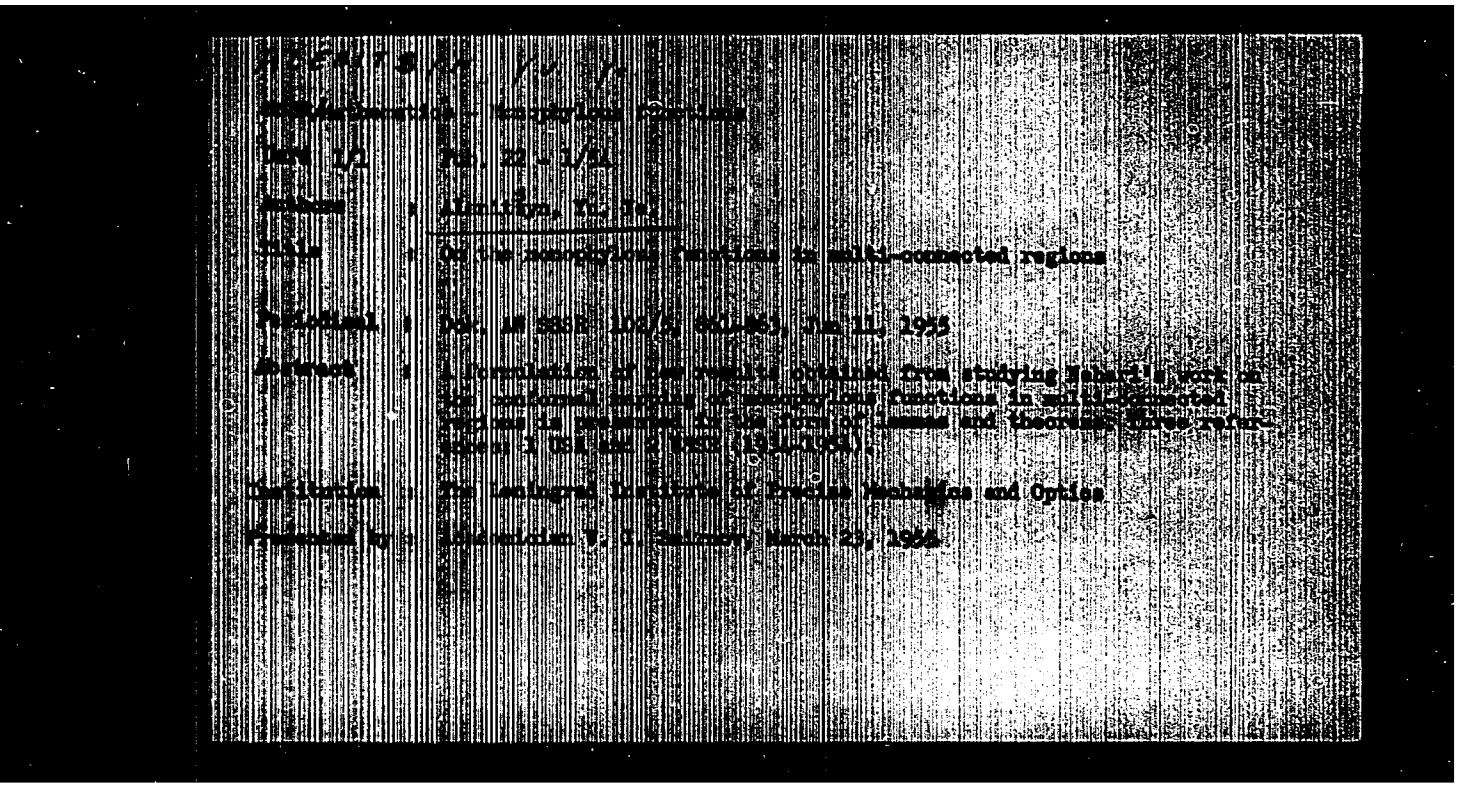
Title : [illegible] the Nehari method

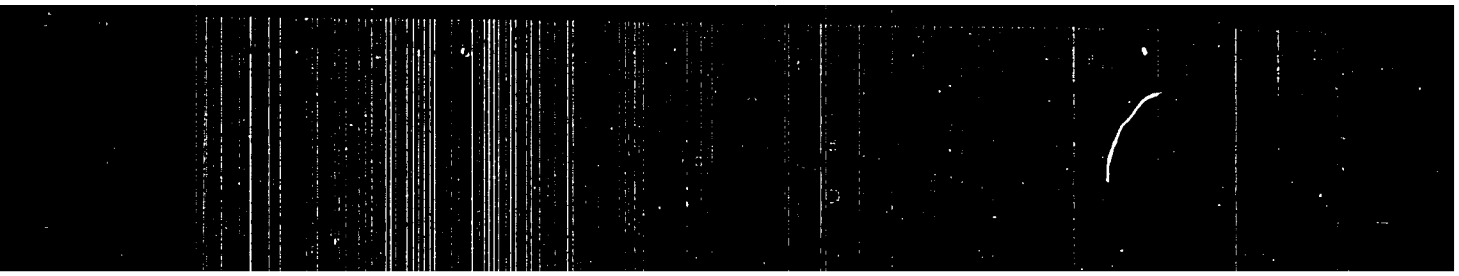
Periodical : Vest. Len. un. Ser. mat., fiz. i khim. 10/2, 71-79, Feb 1955

Abstract : Critical comments are made on the Z. Nehari method for solving certain extremal problems in the theory of bounded analytic functions. It is pointed out that the method calls for the study of variations in accordance with the parameter of a certain integral, where the special formula is found to be correct for the first variation but entirely wrong for the second. The Nehari method is applicable to the class of the functions which are synonymous and regular in a given finite n-connected area D of a plane z bounded with closed Jordan curves. Three USA references (1951).

Institution : .....

Submitted : February 5, 1954





APPROVED FOR RELEASE: 09/24/2001 CIA-RDP86-00513R000101010020-6"

ALENITSYN, Yu. Ye.

SUBJECT USSR/MATHEMATICS/Theory of functions CARD 1/2 PG - 348
AUTHOR ALENIZYN Ju.E.
TITLE A contribution to the theory of schlicht functions and functions of Bieberbach-Eulenberg.
PERIODICAL Doklady Akad. Nauk 109, 247-249 (1956)
reviewed 10/1956

If the function $f(z) \neq 0$, $f(0) = 0$, being regular in the circle $|z|<1$ and the function $F(z)$, $F(0) = \infty$, being meromorphic there, map this circle schlicht onto regions which do not superpose, then for arbitrary points z and z' of $|z|<1$ there holds the estimation

$$\left|\log\left(1-\frac{f(z)}{F(z')}\right)\right| \leq -\frac{1}{2}\log\,(1-|z|^2)(1-|z'|^2).$$

For arbitrary z and z' with $|z| = |z'|<1$ this estimation is exact.
If $f(z)$ is regular in $|z|<1$, where $f(0) = 0$, $f(z_1)\cdot f(z_2) \neq 1$, $|z_1|<1$, $|z_2|<1$, then in $|z|<1$ the following exact estimations are valid:

$$\left|\log\,(1-f^2(z))\right| \leq -\log\,(1-|z|^2)$$

$$\left|\frac{f^2(z)f'(z)f'(0)}{1-f^2(z)}\right| \leq \frac{|z|^2}{1-|z|^2}\,.$$

Doklady Akad. Nauk 109, 247-249 (1956) CARD 2/2 PG - 348

If $f(z)$ is schlicht in $|z|<1$, then there holds the exact estimation

$$\left|\log \frac{z^2 f'(z) f'(0)}{f^2(z)} \pm \log (1-f^2(z))\right| \leq -\log (1-|z|^2).$$

INSTITUTION: Section of the Mathematical Institute, Leningrad, Acad.Sci.USSR

ALENITSYN, Yu. Ye

AUTHOR: ALENITSYN Yu. Ye. 20-6-1/48

TITLE: On Functions Without Common Values and on the Outer Boundary of the Range of Values of a Function (O funktsiyakh bez obshchikh znachenii i vneshney granitse oblasti znacheniy funktsii)

PERIODICAL: Doklady Akad.Nauk SSSR, 1957, Vol.115, Nr.6, pp.1055-1057 (USSR)

ABSTRACT: Let B be a finitely connected domain of the z-plane with non-degenerated boundary continua not containing $z = \infty$. Let $R_a(B)$ be the family of all regular functions f(z) unique in B for which $|f(z)|<1$, $f(a)=0$, where a is a fixed point in B. Let $F(z,a)$ denote that function of $R_a(B)$ for which $|f'(a)| \leq F'(a,a)$, $f(z) \in R_a(B)$. Let $\mathfrak{M}(a_1,a_2;a,B)$ be the class of all systems of functions $f_\nu(z)$, $\nu=1,2$, $f_\nu(a) = a_\nu$, $a \in B$ which in B are unique meromorphic and without common values. Let $E(a_1,a_2;a,B)$ be the set of all points $M(X,Y) \equiv M(|f_1'(a)|, |f_2'(a)|)$ of the XOY-plane in the class $\mathfrak{M}(a_1,a_2;a,B)$.

Theorem: Let $f_\nu(z)$, $\nu=1,2$, be unique, meromorphic and without common values in B, in all points $z_\nu \in B$ in which $f_\nu(z)$ are

Card 1/3

regular, there holds the rigorous estimation

$$|f_1'(z_1)f_2'(z_2)| \leq |f_1(z_1)-f_2(z_2)|^2 F'(z_1,z_1)F'(z_2,z_2).$$

The extremal systems of functions, for arbitrary finite $a_1$ and $a_2$, $a_1 \neq a_2$ and arbitrary $\zeta>0$, $|\varepsilon_1| = |\varepsilon_2| = 1$ are determined by the equations

$$(f_1(z)-a_1)/(f_1(z)-a_2)= \zeta \varepsilon_1 F(z,z_1), \quad (f_2(z)-a_2)/(f_2(z)-a_1)= \varepsilon_2 F(z,z_2)/\zeta.$$

Theorem: The set $\mathcal{E}(a_1,a_2;\alpha,\beta)$ is a closed domain with the excluded boundary point $\infty$

$$0 \leq XY \leq |a_1-a_2|^2 F'^2(a,a).$$

Theorem: In the class $\mathfrak{M}(0,\infty) \equiv \mathfrak{M}(0,\infty;\ 0,|z|<1)$ for arbitrary points $z_1,z_2$ of the circle $|z|<1$ there holds

$$\left|\log \frac{1-f_1(z_1)}{f_2(z_2)}\right| \leq -\frac{1}{2}\log (1-|z_1|^2)(1-|z_2|^2)$$

$$\left|\frac{f_1(z_1)}{f_2(z_2)}\right| \leq |z_1 z_2| + \sqrt{(1-|z_1|^2)(1-|z_2|^2)}.$$

On Functions Without Common Values and on the Outer Boundary of the Range of Values of a Function 20-6-1/48

Theorem: If $f(z)$, $f(0) = 0$ is regular in $|z|<1$ and $F(\zeta)$, $F(\infty) = \infty$ is meromorphic in $|\zeta|>1$ and if $f(z)$ and $F(\zeta)$ have no common values, then for $|z|<1$ and $|\zeta|>1$ there holds:

$$\left|\frac{f^2(z)f'(z)f'(0)F'(\zeta)}{(f(z)-F(\zeta))^2F^2(\zeta)F'(\infty)}\right| \leq \frac{|z|^2}{|\zeta|^2(1-|z|^2)(|\zeta|^2-1)}$$

$$\left|f'(z)f'(0)F'(\zeta)/F^2(\zeta)F'(\infty)\right| \leq \frac{1}{(1-|z|^2)(|\zeta|^2-1)} .$$

The estimation of the two last theorems are exact and are reached by schlicht functions.
From these theorems there result several well known estimations for the functions of Bieberbach-Eulenberg and similar ones.

ASSOCIATION: Leningrad Br.of the Mathe. Inst.im.V.A.Steklov,AN USSR(Leningradskoye otdeleniye matematicheskogo instituta im. V.A.Steklova A.N.SSSR)
SUBMITTED: March 15, 1957
AVAILABLE: Library of Congress
Card 3/3

ALENITSYN, Yu. Ye.

ALENITSYN, Yu. Ye., Doc Phys-Math Sci -- (diss) "Certain Extreme Properties of Analytical Functions". Len, 1958. 14 pp,

(Len Order of Lenin State University im A.A. Zhdanov),

150 copies (KL, 10-58, 116)

- 1 -

AUTHOR: Alenitsyn, Yu. Ye. (Leningrad) SOV/39-46-4-1/6

TITLE: On Functions Without Common Values and an Outer Boundary of the Range of Values of a Function (O funktsiyakh bez obshchikh znacheniy i vneshney granitse oblasti znacheniy funktsii)

PERIODICAL: Matematicheskiy sbornik, 1958, Vol 46, Nr 4, pp 373-388 (USSR)

ABSTRACT: The present paper contains the proofs of the theorems announced in [Ref 1] as well as some conclusions of these theorems.
There are 17 references, 7 of which are Soviet, 2 German, 4 American, 2 French, 1 English, and 1 Chinese.

SUBMITTED: April 24, 1957

Card 1/1

16(1)
AUTHOR: Alemitayn, Yu.Ye. (Leningrad)

05353
SOV/39-49-2-2/5

TITLE: On Some Estimations for Functions Regular in a Finitely Connected Domain

PERIODICAL: Matematicheskiy sbornik, 1959, Vol 49, Nr 2, pp 181-190 (USSR)

ABSTRACT: Let B be a finitely connected domain of the z-plane without isolated boundary points and without the point $z=\infty$. Let a be a fixed point in B. Let F(z,a) be the uniquely determined function in the class of all functions $\varphi(z)$ regular in B with $|\varphi(z)|<1$ for $z\in B$, $\varphi(a)=0$, which satisfies the condition $|\varphi'(a)|\leq F'(a,a)$. Let $R(B,a;b_0,b_k)$, $k\geq 1$ be the class of the $f(z)=b_0+b_k(z-a)^k+b_{k+1}(z-a)^{k+1}+\ldots$ regular in B; $R'(B,a;b_0,b_k)$ the subclass of those $f(z)\in R$ for which $\log f(z)$ is regular in B; $R(B,a,M,b_0,b_k)$ the subclass of those $f(z)\in R'(B,a,b_0,b_k)$ with $|f(z)|<M$ for $z\in B$. Let furthermore $\alpha=\arg b_0$, $-\pi<\alpha\leq\pi$.

Card 1/3 Theorem 1: If $f(z)\in R'(B,a;b_0,b_k)$, then

On Some Estimations for Functions Regular in a Finitely Connected Domain

(1) $\sup_{z\in B} |\arg f(z)| \geqslant \varrho_0$ , where $\varrho_0$ is the largest root of

(2) $\frac{\pi}{4\varrho_0}\left|\frac{b_1}{b_0}\right| = F'(a,a)\cos\frac{\pi\alpha}{2\varrho_0}$ .

The equality sign in (1) holds for $b_1 \neq 0$ only for the function

(3) $f^*(z) = b_0\left\{\frac{|b_0b_1|+\bar{b}_0b_1F(z,a)e^{-i\lambda}}{|b_0b_1|-\bar{b}_0b_1F(z,a)e^{i\lambda}}\right\}^{\frac{2\varrho_0}{\pi}}$ , $\lambda = \frac{\pi\alpha}{2\varrho_0}$

and for $b_1 = 0$ only for $f^*(z) = b_0$.

Theorem 2: If $f(z)\in R'(B,a;b_0,b_1)$, then

$$\sup_{z\in B}\arg f(z) - \inf_{z\in B}\arg f(z) \geqslant \frac{\pi}{2F'(a,a)}\left|\frac{b_1}{b_0}\right| ;$$

Card 2/3 equality sign only for

05353
SOV/39-49-2-2/5

On Some Estimations for Functions Regular in a Finitely Connected Domain

$$f^{*}(z) = b_0 \left\{ \frac{1+e^{i\gamma}F(z,a)}{1-e^{i\gamma}F(z,a)} \right\}^{\frac{|b_1|}{2|b_0|F'(a,a)}}, \quad \gamma = \arg \frac{b_1}{b_0}.$$

Theorem 3 refers to $f(z) \in R'(B,a,M;1,b_1)$. Three further theorems refer to the case $B=B_q$: $q < |z| < 1$, $q > 0$; here the results of Robinson [Ref 3] are essentially used. Here the author also gives estimations of the type of these obtained above and generalizes the lemma of Schwarz. Finally he gives estimations for $\sup_{z \in B} |f(z)|$, $f(z) \in R(B,a;b_0,b_1)$ and $\sup_{z \in B_q} |f(z)|$, $f(z) \in R(B_q,a,b_0,b_k)$.

G.S.Shpak is mentioned by the author.
There are 4 references, 3 of which are Soviet, and 1 American.

SUBMITTED: January 8, 1958

Card 3/3

16(1)

AUTHOR: Alenitsyn, Yu. Ye. SOV/20-126-2-1/64

TITLE: On an Extension of the Principle of Subordination to Multiply Connected Domains

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 2, pp 231-234 (USSR)

ABSTRACT: Let G be a finitely connected domain of the z-plane without isolated boundary points and without $z = \infty$. Let B(G) be the class of all functions f(z) with $|f(z)| < 1$ regular in G. Let D be a simply connected Riemannian surface of hyperbolic type. f(z) in G is called subordinated to the surface D if $f(z) = g(\omega(z))$ in G, where g(z) biuniquely and conformally maps the circle $|z| < 1$ onto D and $\omega(z) \in B(G)$. f(z) is called schlicht subordinated to the surface D if $D_f \subset D$, where $D_f$ is the mapping of G by $w = f(z)$. Let $\mathfrak{A}(G,D)$ and $\mathfrak{A}^*(G,D)$, respectively, be the classes of all f(z) which in G are subordinated and schlicht subordinated, respectively, to the surface D. Let F(w) be a non-negative real function defined in all points w of the projection D onto the w-plane. Let E be the circle $|z| < 1$.
Theorem: If in the class $\mathfrak{A}^*(E;D)$ there holds the estimation $|f'(0)| \leq F(f(0))$, then in $\mathfrak{A}(G;D)$ there holds the estimation $|f'(z)| \leq F(f(z)) \cdot F'(z,z)$, $z \in G$. In both estimations the equal

Card 1/2

On an Extension of the Principle of Subordination to Multiply Connected Domains SOV/20-1[illegible]-2-1/44

sign holds simultaneously. F(z,a) is the Ahlfors-function of G (compare [Ref 1]).
In the special case of bounded functions, from this theorem there result earlier results of the author [Ref 2].
The paper contains a series of further definitions and four further similar theorems with several conclusions. Especially the author transfers theorems of Rogosinski on the values of meromorphic functions in the unit circle to multiply connected domains.
There are 6 references, 2 of which are Soviet, 2 German, 1 Japanese, and 1 American.

ASSOCIATION: Leningradskoye otdeleniye Matematicheskogo instituta imeni V.A. Steklova Akademii nauk SSSR (Leningrad Section of the Mathematical Institute imeni V.A.Steklov, AS USSR)

PRESENTED: January 31, 1959, by V.I.Smirnov, Academician

SUBMITTED: January 27, 1959

Card 2/2

ALENITSYN, Yu.Ye.

[illegible] I BOOK EXPLOITATIO SOV/3981

Issledovaniya po sovremennym problemam teorii funktsiy kompleksnogo peremennogo; sbornik statey (Investigation of Modern Problems in the Theory of Complex Variables; Collection of Articles) Moscow, Fizmatgiz, 1960. 544 p. 3,000 copies printed.

Ed. (Title page): A. I. Markushevich; Eds. (Inside book): V. S. Videnskiy and S. Ya. Khavinson; Tech. Ed.: N. Ya. Murashova.

PURPOSE: This book is intended for specialists in the theory of functions of a complex variable. It may also be used by advanced university students, scientific workers, and specialists in other fields of mathematics.

COVERAGE: The book contains 48 papers originally read at the Third All-Union Conference on the Theory of Functions of a Complex Variable held at Moscow University from May 28 to June 7 1957. The articles treat problems in the modern theory of functions and its applications. The book is divided into 7 parts. The first part discusses the problem of monogeneity, power series, boundary and extremal properties. The second part discusses entire functions and interpolation and approximation problems. The third part

Card 1/9

discusses functions of many complex variables. The fourth part discusses conformal mappings and boundary-value problems. The fifth part discusses Riemann surfaces and the theory of distribution of values. The sixth part discusses generalized analytic functions, and the seventh part discusses miscellaneous problems. No personalities are mentioned. References accompany each article.

TABLE OF CONTENTS:

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S/039/60/052/001/009/009 XX
C111/C222

16.3000

AUTHORS: Alemitsyn, Yu.Ye. (Leningrad), and Khavinson, S.Ya. (Moscow)

TITLE: On the Radius of p-Sheetedness for Bounded Analytic Functions in Multiply Connected Domains

PERIODICAL: Matematicheskiy sbornik, 1960, Vol. 52, No. 1, pp. 653-657

TEXT: Let the finite n-fold connected domain G of the z - plane be bounded by n non-degenerated closed analytic curves. Let $z_0 \in G$ and $A_0$, $A_1$ be complex numbers. $B(A_0, A_1)$ denotes the class of functions f(z) analytic and unique in G, for which $|f(z)| \leq 1$, $z \in G$ and $f(z_0) = A_0$, $f'(z_0) = A_1$.

Theorem: For every $p \geq 1$, integral, all functions of the family $B(A_0, A_1)$, where $|A_0| < 1$, $0 < |A_1| < (1 - |A_0|^2)M$, are not more than p-sheeted in the circle $|z - z_0| < r_p$, lying in G together with its boundary; there exist functions of this family (extremal functions) being at least

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85947

On the Radius of p-Sheetedness for Bounded Analytic Functions in Multiply Connected Domains

S/039/60/052/001/009/009 XX
C111/C222

(p + 1)-sheeted in every greater concentric circle which lies in G. Every extremal function yields a mapping of G onto an m times covered unit circle, where $\max(n, p+1) \leq m \leq n + p + 1$. The theorem generalizes a former result of Dieudonné (Ref. 1). There are 6 references : 4 Soviet, 1 French and 1 German.

SUBMITTED: October 29, 1958

Card 2/2

ALEKITSYN, Yu.Ye.

One case of extending the subordination principle to multiply connected regions. Trudy Mat. inst. no.60:5-21 '61. (MIRA 14:10)
(Functions, Meromorphic)
(Aggregates)

ALENITSYN, Yu.Ye.

Domains of variation of systems of coefficients of functions representable as a sum of Stieltjes integrals. Dokl. AN SSSR 139 no.2:263-266 Jl '61. (MIRA 14:7)

1. Leningradskoye otdeleniye Matematicheskogo instituta im. V.A. Steklova AN SSSR. Predstavleno akademikom V.I. Smirnovym.
(Functions, Continuous) (Integrals, Generalized)

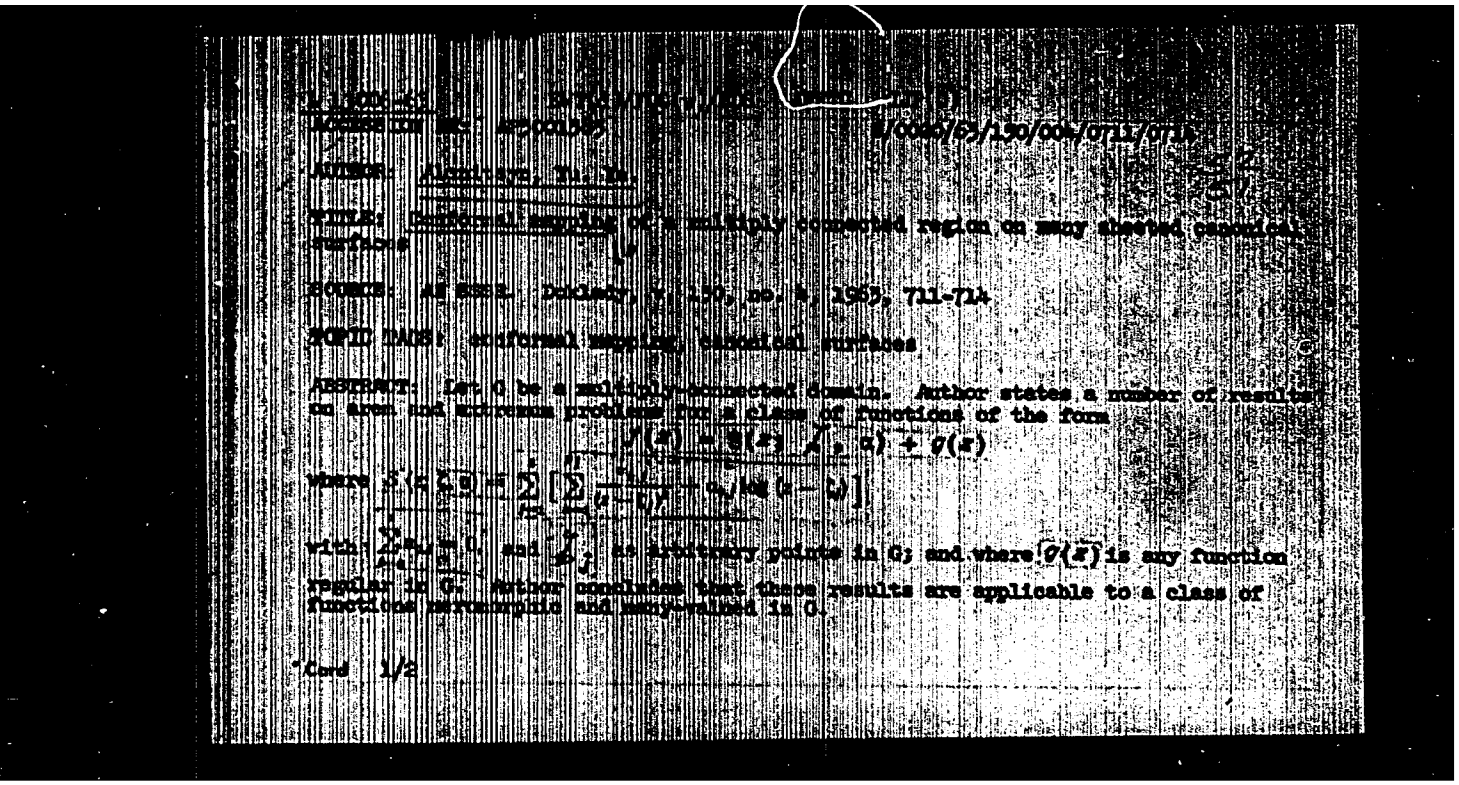
ALENITSYN, Yu.Ye.

Variability regions of systems of coefficients of functions which are representable by a sum of Stieltjes integrals. Vest. LGU 17 no.7:25-41 '62. (MIRA 15:5)
(Functions) (Integrals)

ALENITSYN, Yu.Ye.

Some extremum properties of functions, many-sheeted in multiply connected regions. Dokl. AN SSSR 146 no.2:267-269 S '62. (MIRA 15:9)

1. Leningradskoye otdeleniye Matematicheskogo instituta im. V.A. Steklova AN SSSR. Predstavleno akademikom V.I. Smirnovym.
(Rings (Algebra)) (Functions, Meromorphic)



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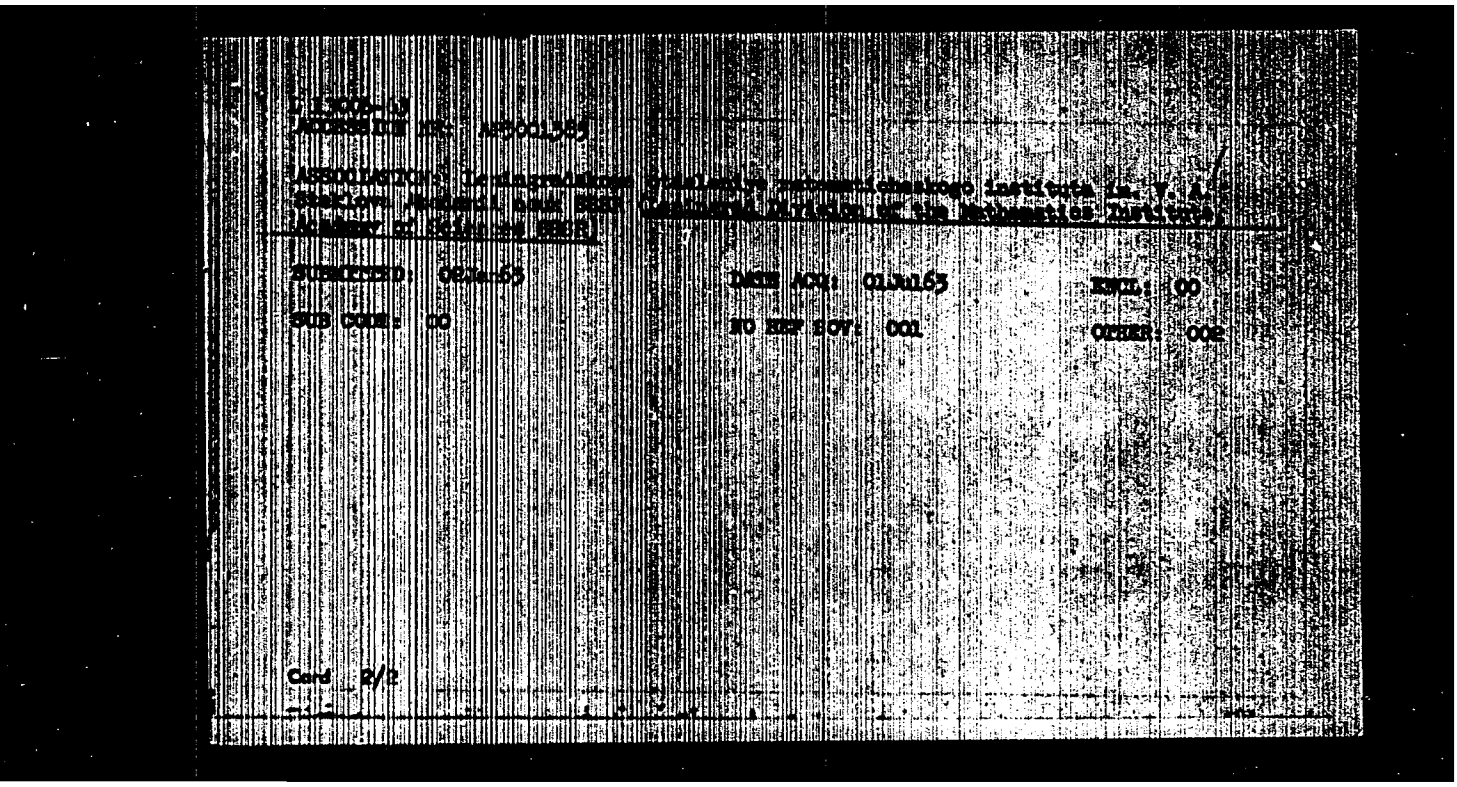
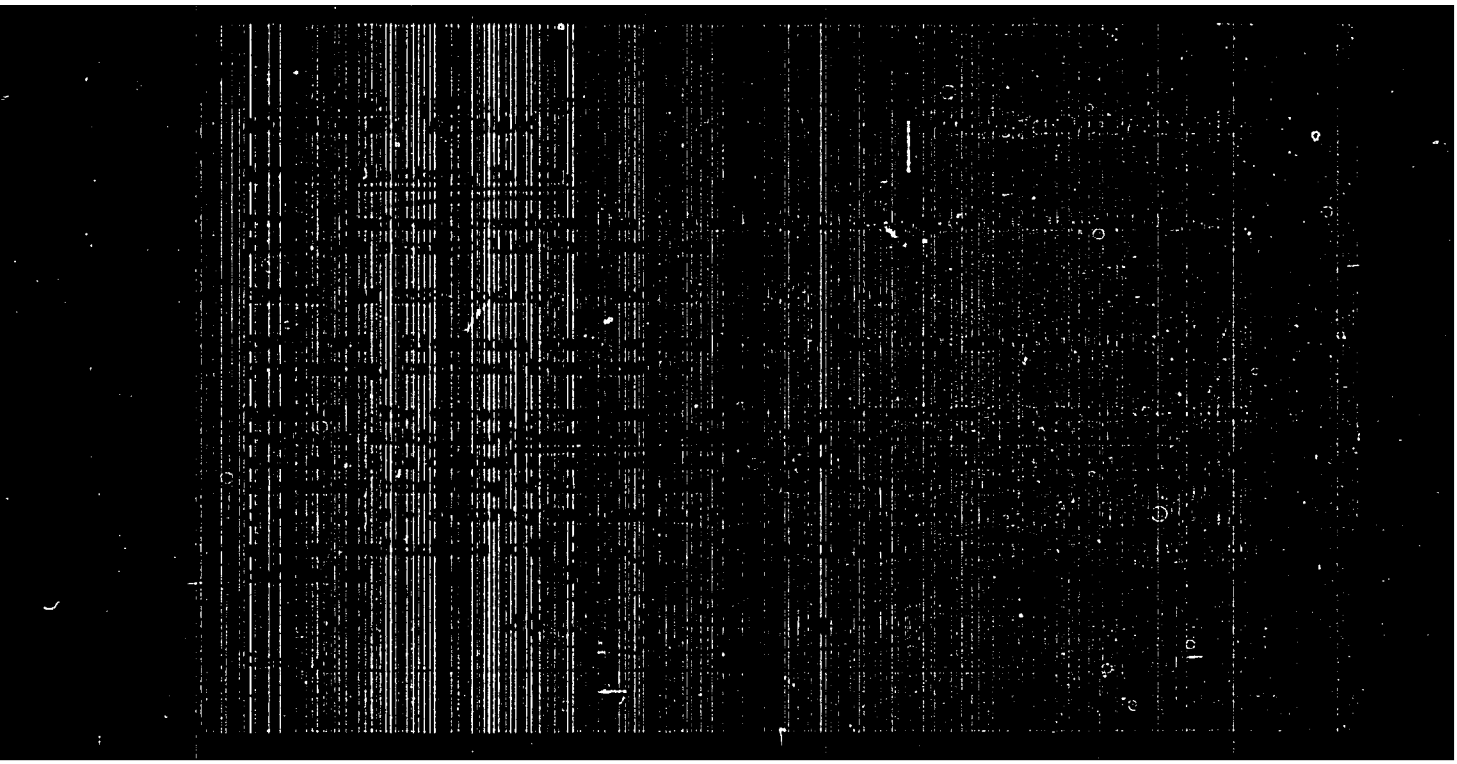


ALENITSYN, Yu.Ye.

Conformal mappings of a multiply connected region onto multivalent canonical surfaces. Izv. AN SSSR. Ser. mat. 28 no.3:607-644 My-Je '64. (MIRA 17:6)



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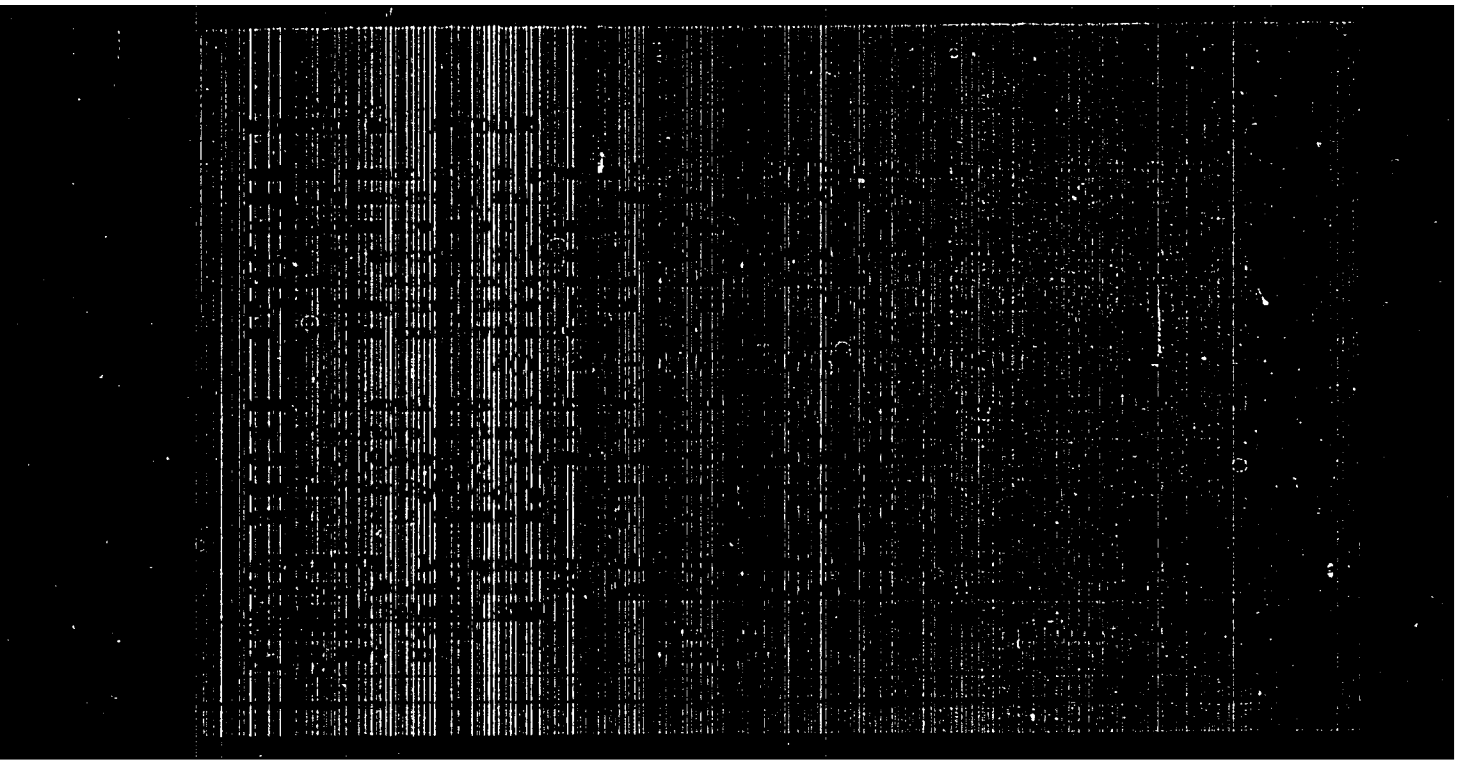

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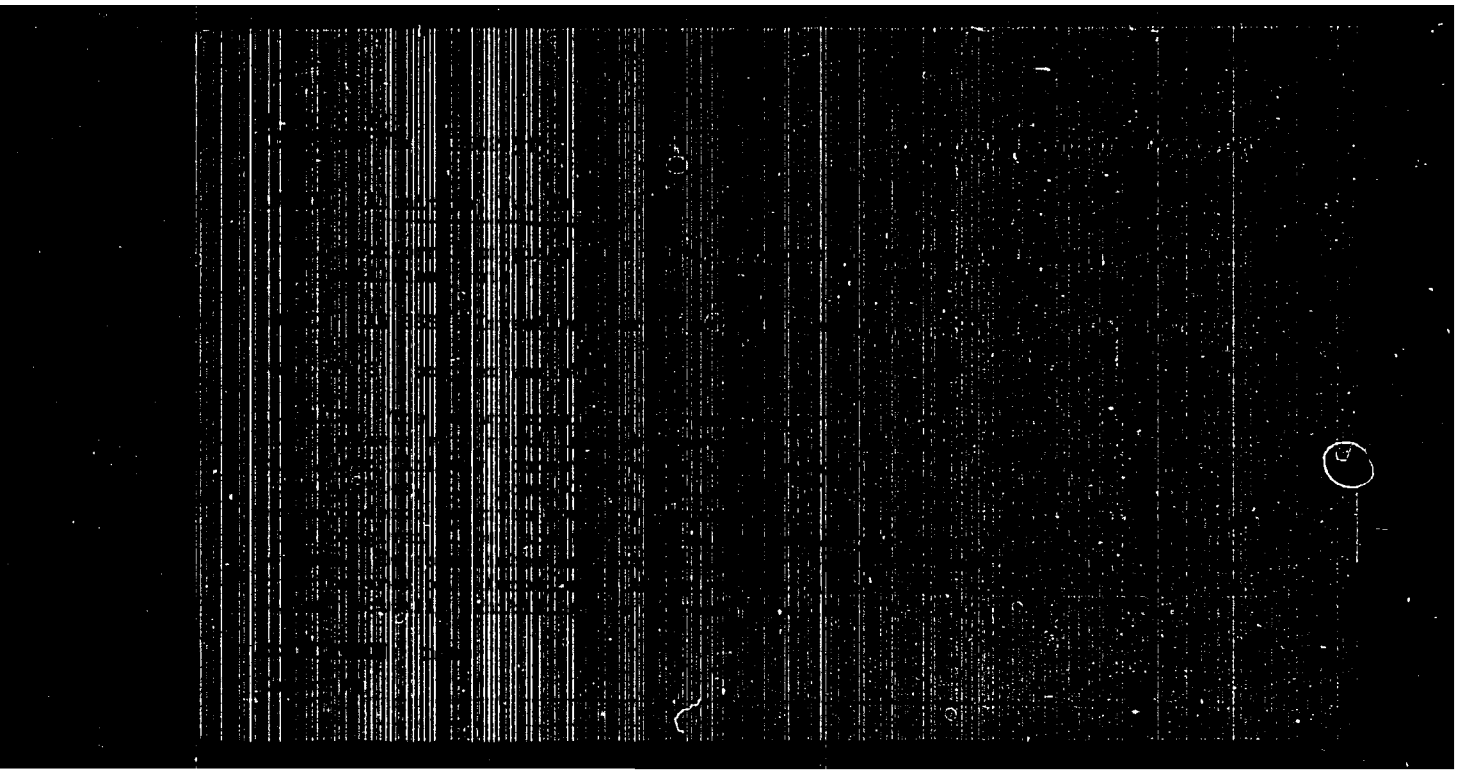
ALENKO, V.M., veter.vrach; KULIKOVA, V.N., veter.vrach; MALAKHOVA, L.S., veter.vrach; SMIRNOV, A.N., prof.

Coligranulomatosis in poultry. Veterinariia 41 no.10:33-36 O '64. (MIRA 18:11)

1. Pyatigorskaya mezhoblastnaya veterinarnaya laboratoriya po bor'be s boleznyami ptits (for Alenko, Kulikova, Malakhova). 2. Stavropol'skiy sel'skokhozyaystvennyy institut (for Smirnov).



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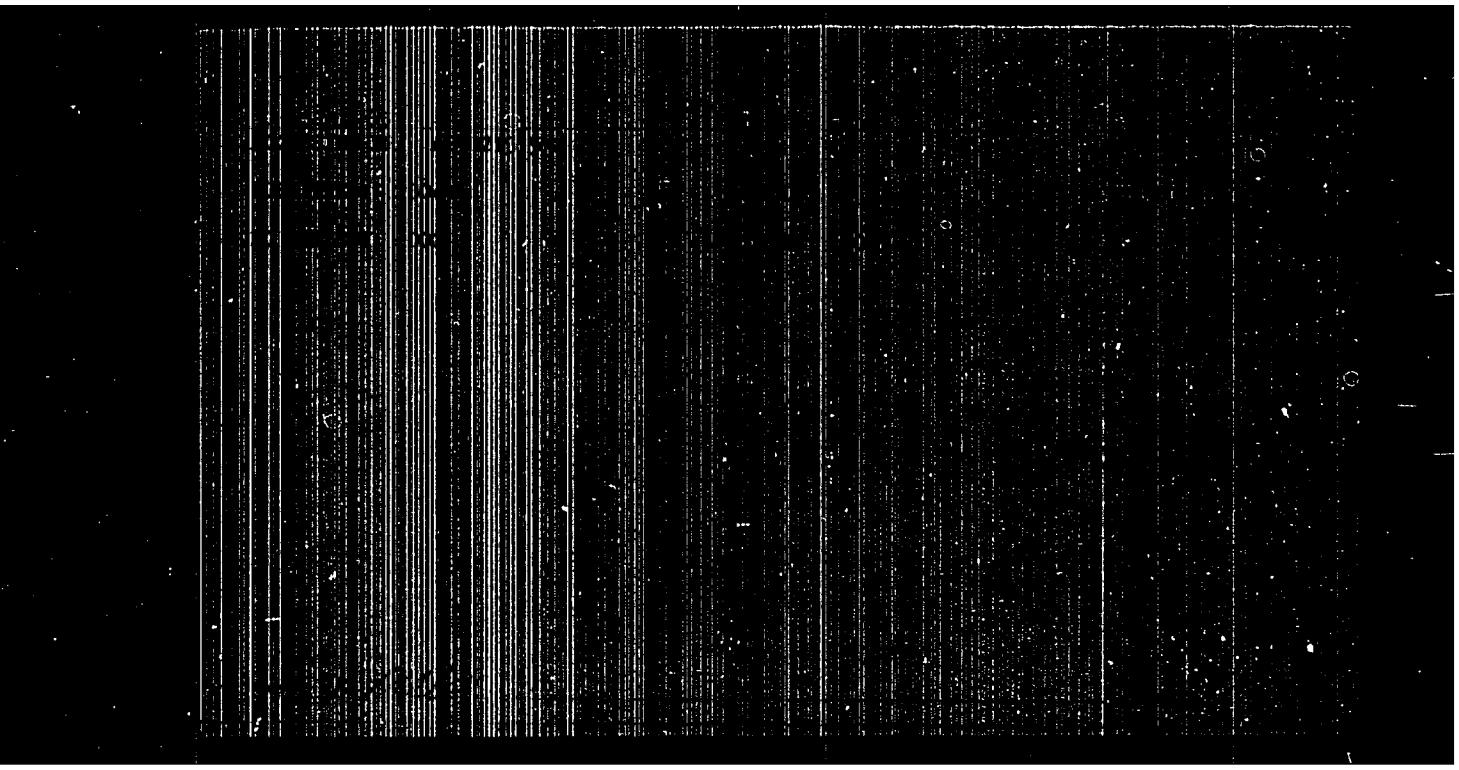

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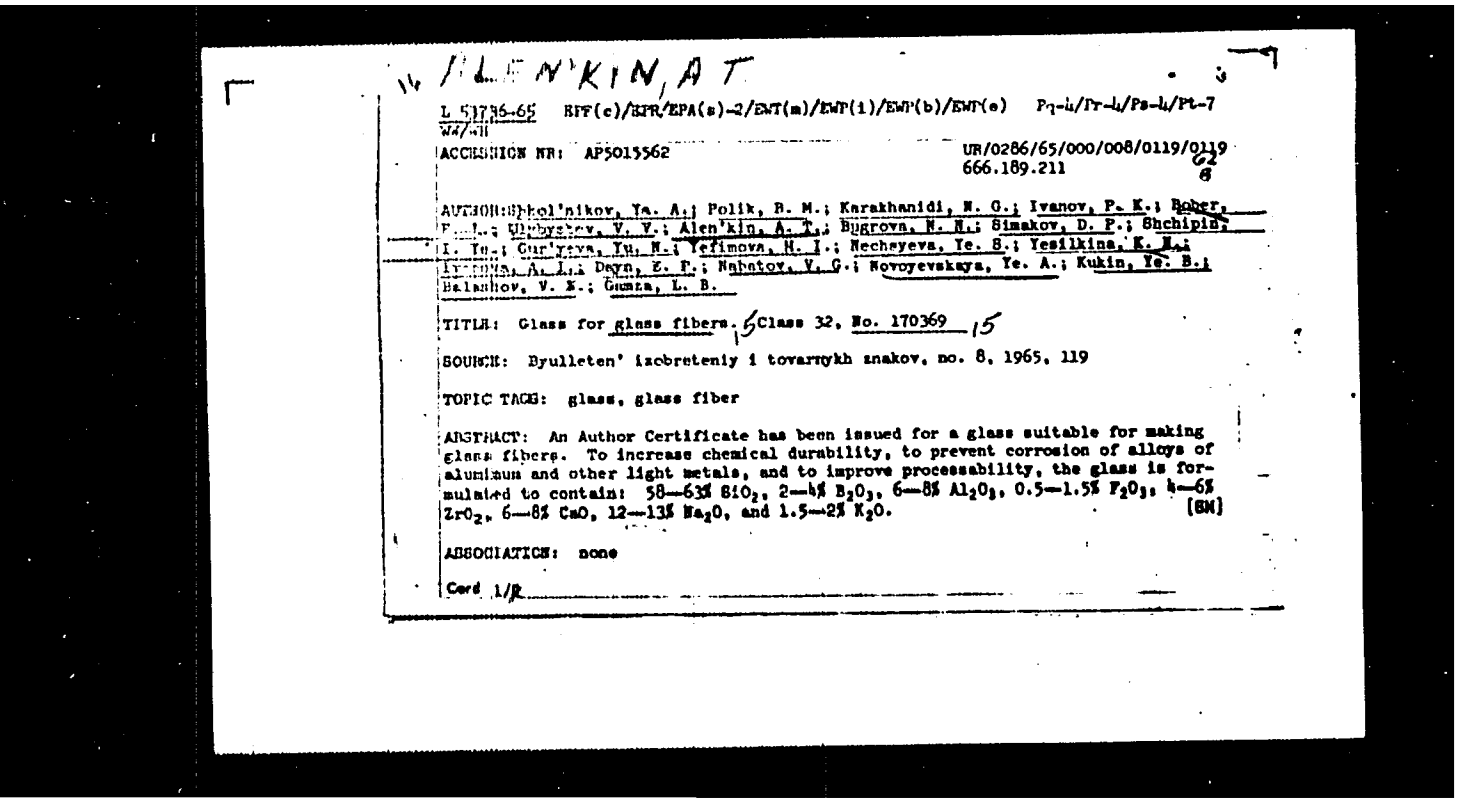

ILENKIN, A.T.

L 51736-65 EPF(c)/EPR/EPA(s)-2/EWT(m)/EWP(i)/EWP(b)/EWT(c) Pq-4/Pr-4/Ps-4/Pt-7
WW/WH

ACCESSION NR: AP5015562 UR/0286/65/000/008/0119/0119
666.189.211

AUTHOR: Shkol'nikov, Ya. A.; Polik, B. M.; Karakhanidi, N. G.; Ivanov, P. K.; Rober, F. L.; Ulibyshev, V. V.; Alen'kin, A. T.; Bugrova, N. N.; Simakov, D. P.; Shchipin, I. Ya.; Gur'yeva, Yu. N.; Yefimova, N. I.; Nechayeva, Ye. B.; Yesilkina, K. M.; Ivanova, A. I.; Deyn, Z. F.; Nabatov, V. G.; Novoyevskaya, Ye. A.; Kukin, Ye. B.; Balashov, V. K.; Gumma, L. B.

TITLE: Glass for glass fibers. Class 32, No. 170369

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 8, 1965, 119

TOPIC TAGS: glass, glass fiber

ABSTRACT: An Author Certificate has been issued for a glass suitable for making glass fibers. To increase chemical durability, to prevent corrosion of alloys of aluminum and other light metals, and to improve processability, the glass is formulated to contain: 58—63% $SiO_2$, 2—4% $B_2O_3$, 6—8% $Al_2O_3$, 0.5—1.5% $F_2O_3$, 4—6% $ZrO_2$, 6—8% CaO, 12—13% $Na_2O$, and 1.5—2% $K_2O$. [SM]

ASSOCIATION: none

Card 1/1

ROZEN, A.M.; ALEN'KIN, N.F.; GOLUB, S.I.

Mechanism of an advanced-stage purification of vapors by removing entrained drops in plate columns. Dokl. AN SSSR 154 no. 3:699-70- Ja '64. (MIRA 17:5)

1. Predstavleno akademikom S.I.Vol'fkovichem.

ALENK'KINA, A.N.

Myxoma of the floor of the mouth. Stomatologiia 38 no.5:67 S-O '59.
(MIRA 13:3)

1. Iz otdeleniya chelyustno-litsevoy khirurgii (zaveduyushchiy - prof. P.N. Kartashov) Saratovskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach M.S. Shkuneva).

(MOUTH--TUMORS)

ALENKOVICH, A.A.

Activities of the veterinary service of White Russia under new conditions. Veterinariia 31 no.6:8-13 Je '54. (MLRA 7:6)

1. Nachal'nik Veterinarnogo Upravleniya Ministerstva sel'skogo khozyaystva Belorusskoy SSR.

ALENKOVICH, A. A.

USSR/Medicine - Veterinary, Hoof-and-Mouth Disease Vaccine

Card 1/1

Author : *Alenkovich, A. A.

Title : Administration of vaccine of the All-Union Institute of Experimental Veterinary Science (VIEV) against hoof-and-mouth disease

Periodical : Veterinariya, 31, 37-39, May 1954

Abstract : VIEV vaccine (Ratner, Gribanov) proved effective in preventing hoof-and-mouth disease in cattle. Injection of 3 cc of the vaccine in animals up to 6 months of age and 5 cc in cattle over 6 months of age create 8-10 month immunity against natural infection. This vaccine is harmless. It should be used in combination with other preventive measures.

Institution : Veterinary Administration, Ministry of Agriculture, Belorussian SSR (Chief, *A. A. Alenkovich)

Submitted :

ALENKOVICH, A.A.

Joint measures of veterinary and medical workers for controlling zoonoses. Veterinariia 32 no.7:13-18 Jl '55. (MLRA 8:9)

1.Nachal'nik veterinarnogo upravleniya Ministerstva sel'skogo khozyaystva BSSR.
(VETERINARY MEDICINE) (COMMUNICABLE DISEASES)

CHEN SHAO-DYUN [Ch'eng Shao-tiun], prof.; ALENKOVICH, A.A.

Organization of veterinary service in the Chinese People's Republic. Veterinariia 36 no.10:70-77 O '59. (MIRA 13:1)

1. Vitse-president Akademii sel'skokhozyaystvennykh nauk Kitayskoy Narodnoy Respubliki (for Chen Shao-dyun).
(China--Veterinary medicine)

ALENKOVICH, A.A.

Veterinary service in the Chinese People's Republic. Trudy NIVI 1:321-329 '60. (MIRA 15:10)
(China—Veterinary medicine)

ALENKOVICH, A.A.

For a better protection of young farm animals. Veterinariia 39 no.5:30-34 My '62 (MIRA 18:1)

1. Nachal'nik Upravleniya veterinarii Ministerstva sel'skogo khozyaystva Belorusskoy SSR.

Alentov, A.N.

S/137/60/000/006/004/015
A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1960, No. 6, p. 277, # 13676

AUTHORS: Gavrilov, P.D., Kurbangaleyev, R.M., Alentov, A.N., Markovich, Yu.N.

TITLE: The Effect of Iron on Magnetic Properties of a Copper-Cobalt Alloy

PERIODICAL: Tr. Kazansk. khim.-tekhnol. in-ta, 1957 (1959), No. 22, pp. 161-171

TEXT: The authors studied the effect of Fe admixtures ($\sim$ 2%) on the magnetic properties of a 50% Cu - 20% Ni 30% Co-alloy. Tests wer made with cast, cast-annealed specimens (850°C, 8 - 32 hrs) and specimens subjected to heat treatment to improve their magnetic properties (oil and water quenching at 1,150°C, tempering at 650°C for 3 and 6 hours); and rolled specimens. Best deformability was revealed in specimens annealed for 16 hours. $B_r$ of 4100 gauss and $H_c$ of 560 oersted were obtained after oil quenching and temper-

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S/137/60/000/006/004/015
A006/A001

The Effect of Iron on Magnetic Properties of a Copper-Cobalt Alloy

ing for 6 hours. Magnetic characteristics of an alloy containing up to 2% Fe are by 20-40% below the maximum values attainable for this alloy without Fe. It is recommended to clean the crucible carefully, if a Fe-alloy was previously melted in it, and to use a quartz mixer instead of an iron one.

Ye.V.

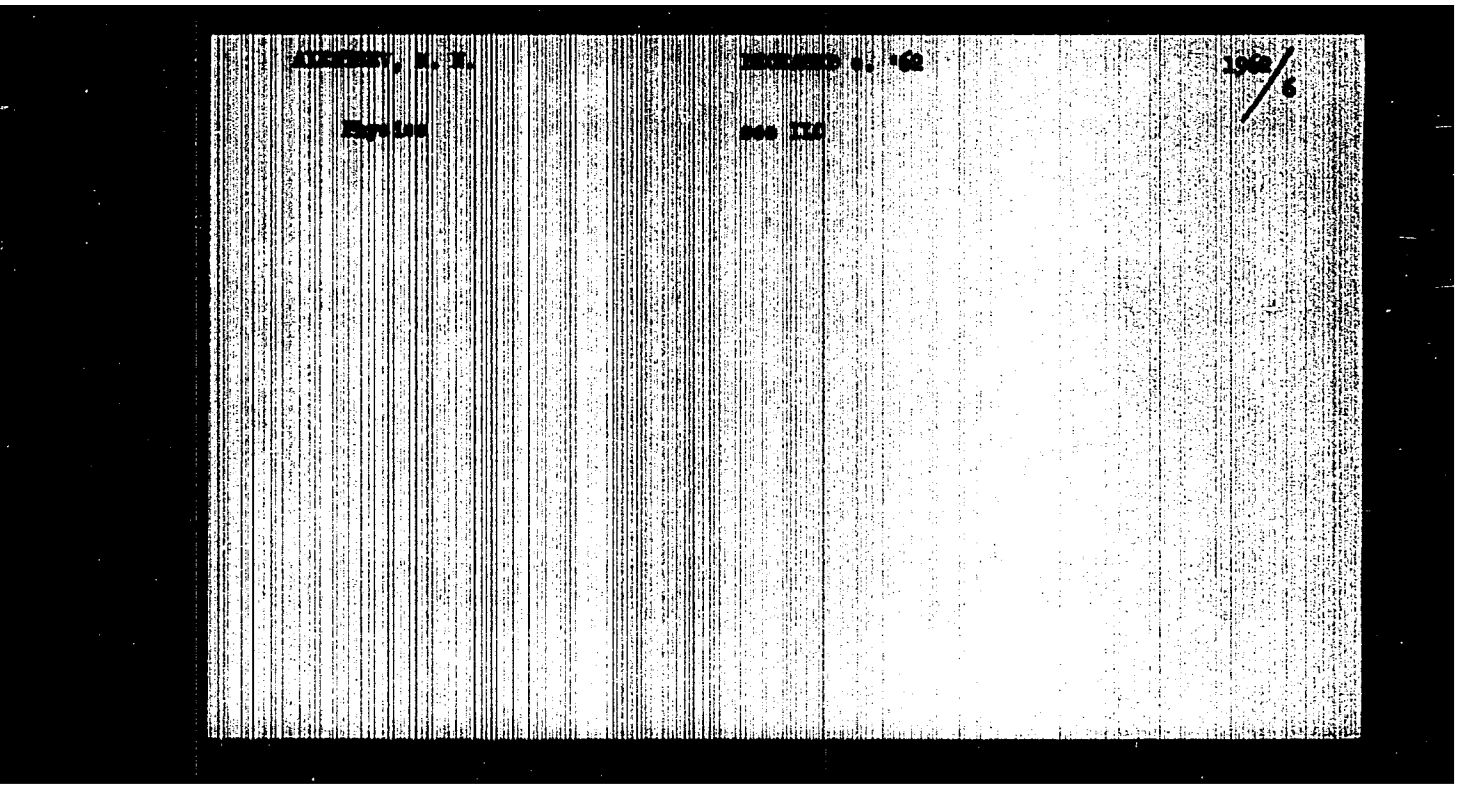
Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

BORISOVA, V.D. Prinimali uchastiye: BATURINA, Ye.A.; PESHKOVA, F.G.; ALEKTOV, Ye.P.; LEVUSHKINA, V.Ye.; PETROVA, N.I.; SAHLINA, O.F.; SLYADNEV, A.P.; TEVEROVSKAYA, Kh.A.; CHIZHIKOVA, N.M. SHPAKOVSKAYA, L.I., red.; POTOTSKAYA, N.M., tekhn.red.

[Districts of Novosibirsk Province; physicogeographical features] Raiony Novosibirskoi oblasti; prirodno-ekonomicheskaia kharakteristika. Novosibirsk, Novosibirskoe knizhnoe izd-vo, 1959. 367 p. (MIRA 13:9)

(Novosibirsk Province--Economic geography)



[redacted] A.; PASHCHENKO, A.; SERBIN, V.

Glass reinforced cement roofs. Sel'.stroi. 18 no.11:21 N '63.
(MIRA 17:3)

1. Sotrudniki kafedry silikatov Kiyevskogo politekhnicheskogo instituta.

ALENT'IEV, Aleksandr Aleksandrovich, prof., doktor tekhn. nauk [deceased]

Silicones should be used in industry. NTO 6 no.6:6-7 Je '64.
(MIRA 17:8)

1. Predsedatel' Ukrainskogo respublikanskogo pravleniya Vsesoyuznogo khimicheskogo obshchestva im. Mendeleyeva.

ALENT'IEV, A.A. [Alent'iev, O.O.] [deceased]; KRUGLITSKAYA, V.Ya. [Kruhlyts'ka, V.IA.]; KRUGLITSKIY, N.N. [Kruhlyts'kyi, M.M.]

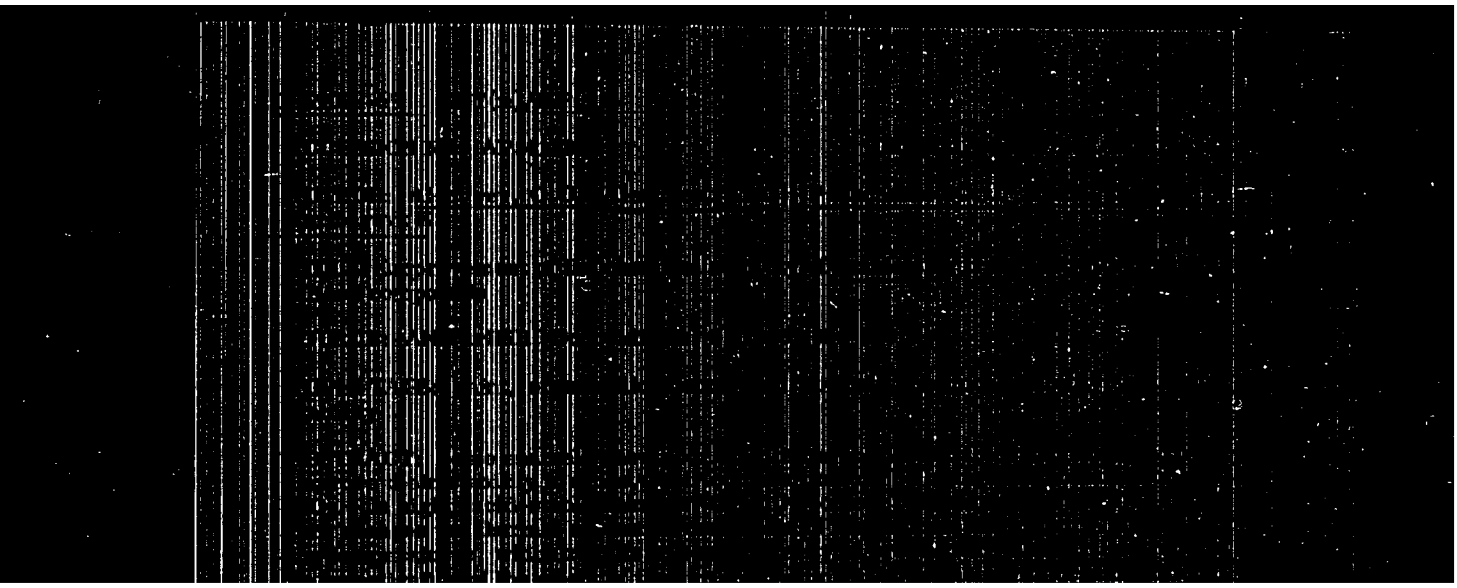
Gas permeability of basalt-containing refractory materials. Dop. AN URSR no.10:1346-1350 '64. (MIRA 17:12)

1. Kiyevskiy politekhnicheskiy institut. Predstavleno akademikom AN UkrSSR F.D. Ovcharenko.

ALENT'YEV, A.A. [Alent'iev, O.O.] [deceased]; KRUGLITSKAYA, V.A. [Kruhlyts'ka, V.IA.]; KRUGLITSKIY, N.N. [Kruhlyts'kyi, M.M.]

Effect of compacting pressure and firing temperature on the physico-mechanical properties of basalt-containing refractories. Dop. AN URSR no.3:351-353 '65. (MIRA 18:3)

1. Kiyevskiy politekhnicheskiy institut.



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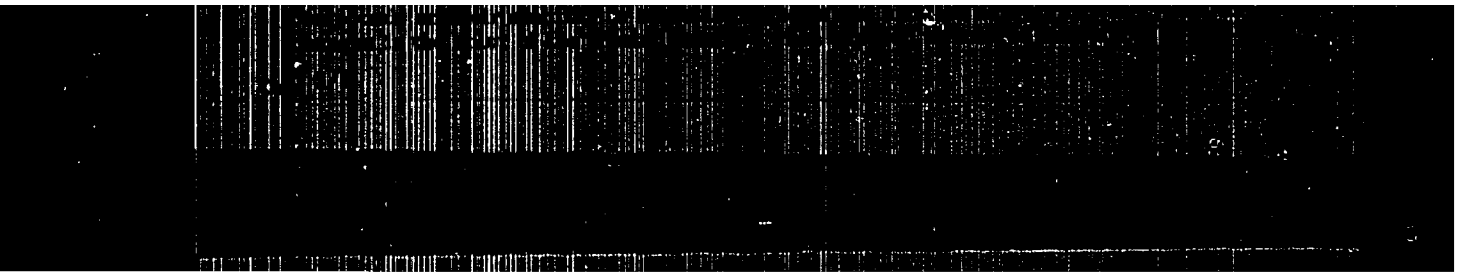

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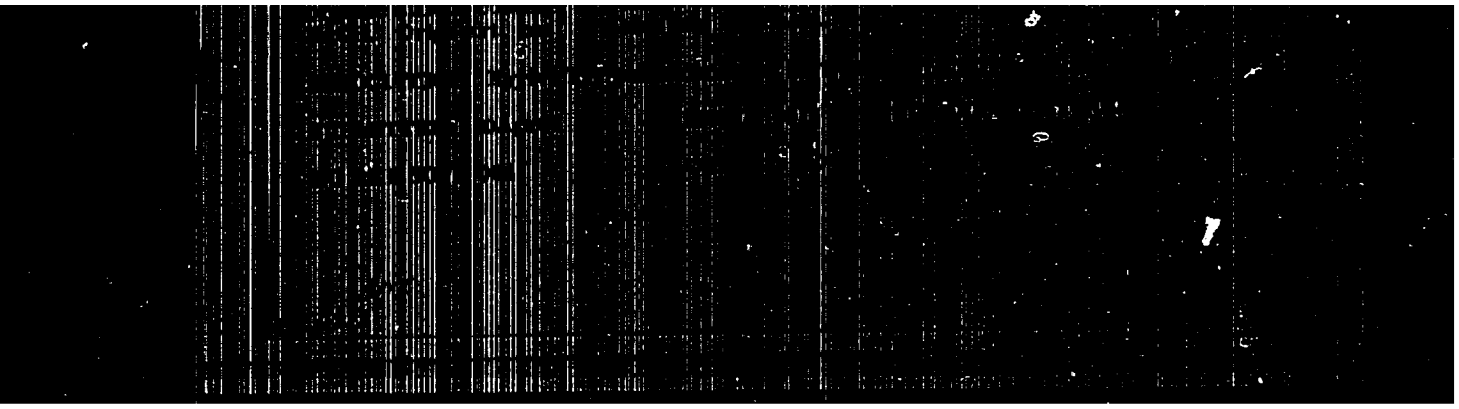

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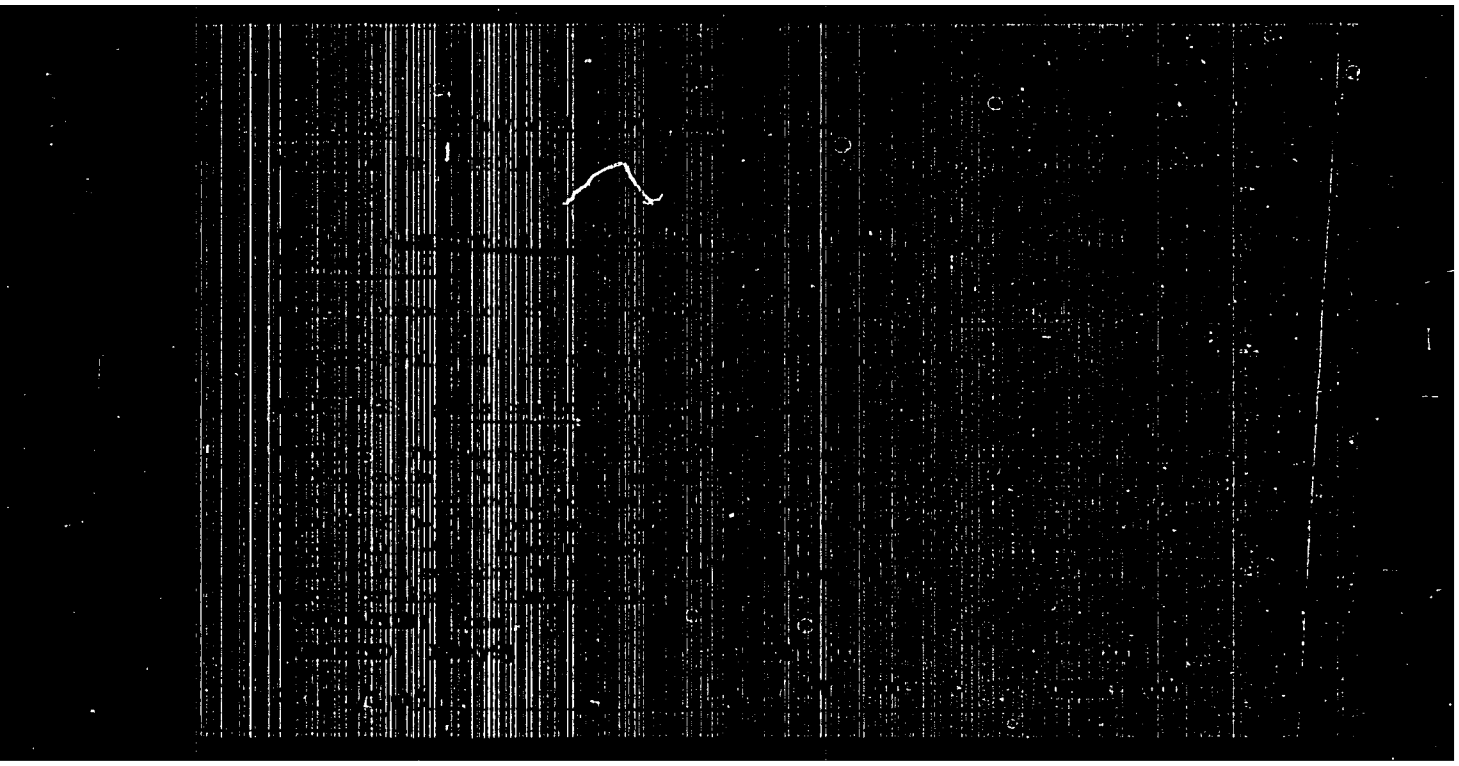
KRUGLITSKAYA, V.Ya. [Kruhlyts'ka, V.IA.]; ALENT'YEV, A.A. [Alent'iev, O.O.] [deceased]; KRUGLITSKIY, N.N. [Kruhlyts'kyi, M.M.]

High-density refractory based on Kirov clays. Dop. AN URSR no.8: 1067-1070 '65. (MIRA 18:8)

1. Kiyevskiy politekhnicheskiy institut.



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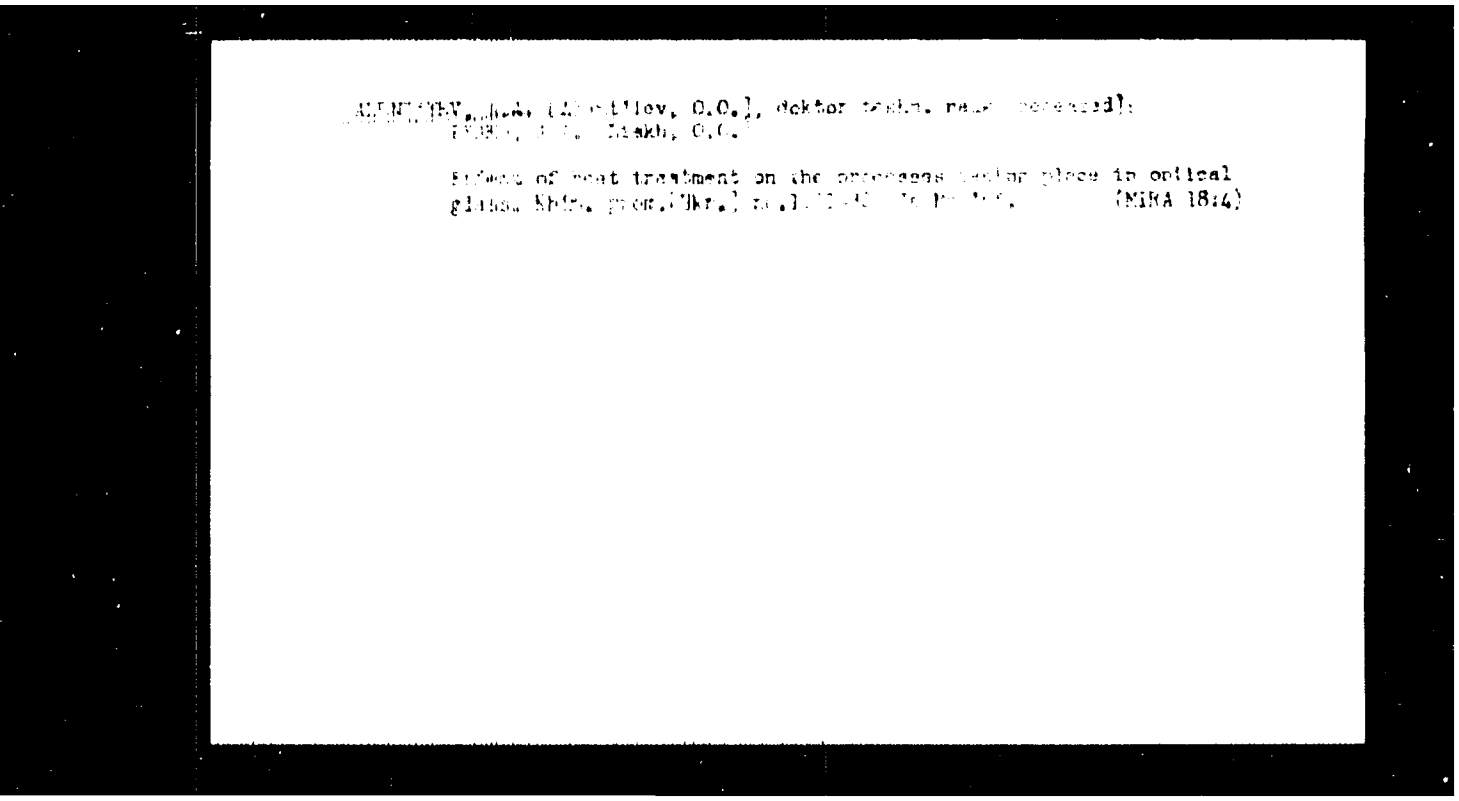
ALEKT'YEV, Aleksandr Aleksandrovich, doktor tekhn. nauk, prof. [deceased]; SKOROBOGAT'KO, Ye.P.[Skorobohat'ko, IE.P.], red.; MOCHALOVA, N.I., red.

[D.I.Mendeleev's periodic system of elements] Periodychna systema elementiv D.I.Mendelieieva. Kyiv, Radians'ka shkola, 1965. 159 p. (MIRA 18:9)



ALENT'IEV, O. [Alent'iev, O.], prof.

Golden bottom of Sivash. Nauka i zhyttia 12 [illegible]:34 Mr '63.
(MIRA 16:11)

ALENT'YEV, O.O. [Alent'iev, O.O.], doktor tekhn. nauk [deceased];
IEMEL'YANOV, B.M. [IEmel'ianov, B.M.]

Pyroceramic coatings. Khim. prom. [Ukr.] no.3:22-23 Jl-S '64.
(MIRA 17:12)

ALENT'YEV, P. N.

Cand Agr Sci - (diss) "Results of forest-crop experiments in the Shipovyy Forest." Voronezh, 1961. 24 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Voronezh Forestry Engineering Inst); 150 copies; price not given; list of author's work on pp 23-24; (KL, 6-61 sup, 230)

AKIMOV, V.I.; ALEKSEYENKO, I.P.; ALENT'YEVA, K.A.; AMOSOV, N.M.; ARUTYUNOV, A.I.; BRATUS', V.D.; VASHCHENKO, I.D.; [illegible], D.S.; GRISHIN, M.A.; DANKEVICH, T.N.; DENISOVA, A.G.; DOLGOVA, M.P.; IVANOV, N.A.; ISHCHENKO, I.N.; KATS, V.A.; KOLOMIYCHENKO, M.I.; LAVRIK, S.S.; LIMAREV, A.A.; MAZANOVA, N.G.; NOVACHENKO, N.P.; PETRUNYA, S.P.; PKHAKADZE, A.L.; RUDENKO, F.A.; SERGIYEVSKIY, V.F.; TAYTSLIN, I.S.; TARTAKOVSKIY, B.S.; CHIZHONOK, P.I.; SHALABALA, M.P.; SHUMADA, I.V.; SHUPIK, P.L.

Konstantin Konstantinovich Skvortsov; obituary. Nov.khir.arkh. no.3:142-143 My-Je '59. (MIRA 12:10)
(SKVORTSOV, KONSTANTIN KONSTANTINOVICH, 1871-1959)

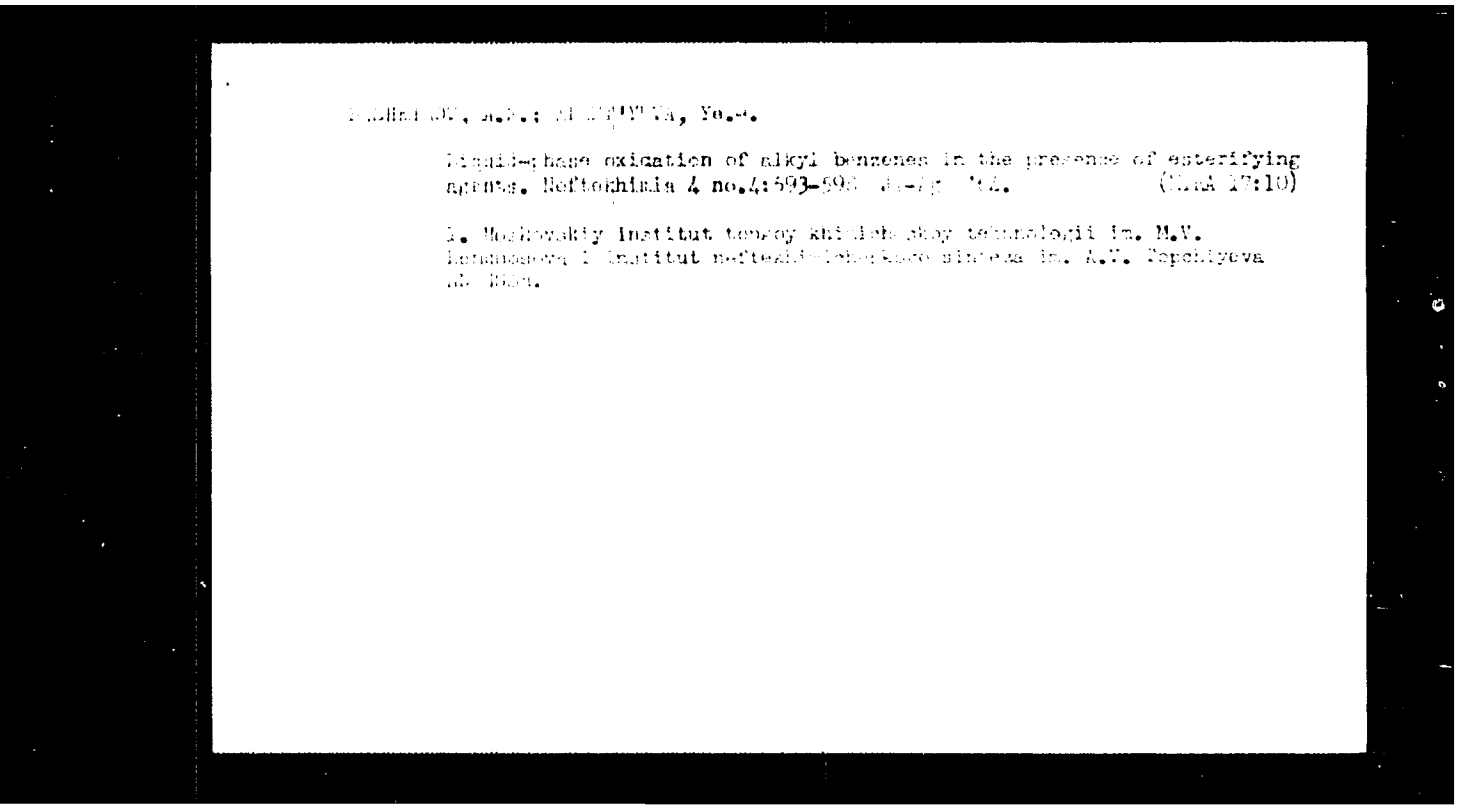
TRUSHIN, Yuriy Fedorovich; ALEKSEYEVA, E., red.

[The riddle of the "Thresher"] Zagadka "Treshera." Moskva, Politizdat, 1964. 63 p. (MIRA 18:3)

ALENT'YEVA, Ye.M.

Esophageal diverticula. Khirurgiia no.10:77-80 O '55. (MLRA 9:2)

1. Iz instituta imeni N.V. Sklifosovskogo (dir.-zasluzhennyy vrach USSSR M.M. Tarasov, glavnyy khirurg-prof. B.A. Petrov)
(ESOPHAGUS, diverticula
clin. aspects, compl. & surg.)



[illegible], A.P.; [illegible] Ya.-e.

Liquid-phase oxidation of alkyl benzenes in the presence of esterifying agents. Neftekhimiia 4 no.4:593-598 Jl-Ag '64. (MIRA 17:10)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M.V. Lomonosova i Institut neftekhimicheskogo sinteza im. A.V. Topchiyeva AN SSSR.

BASHKIROV, A.N.; SILYAHOVSKIY, L.A.; ALENT'YEVA, Ye.S.; KOZLENKOVA, R.V.; KUROCHKINA, A.K.

Effect of aromatic hydrocarbons on the oxidation of paraffins in the liquid phase in the presence of boric acid. Neftekhimiia 4 no.5:777-779 S-O '64. (MIRA 18:1)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni M.V. Lomonosova i Institut neftekhimicheskogo sinteza imeni A.V.Topchiyeva AN SSSR.

ALENT'YEVA, E.M.

Bronchogenic cysts of the esophagus. Khirurgiia 36 no.1:99-101 Ja. '60. (MIRA 13:10)

(ESOPHAGUS--TUMORS) (CYSTS)

AUTHOR: Alepkerov, G., Foreman 92-58-3-8/32

TITLE: Hydrualic Fracturing -- Important Factor for Boosting Petroleum Production (Gidrorazryv -- vazhnyy rezerv uvelicheniya dobychi nefti)

PERIODICAL: Neftyanik, 1958, Nr 3, p 8 (USSR)

ABSTRACT: The Nr 6 oil field of the Kirovneft' Administration was the first in Azerbaydzhan to use hydraulic fracturing of hard reservoir rocks. From the very beginning was clear that the application of this method would produce good results. Many producing wells doubled, and in some cases even tripled, their petroleum output. On the whole, this method helped to produce some additional five thousand tons of crude. From 5 to 10 tons of coarse and and from 20 to 30 tons of heavy crude oil were used at each oil well for purposes of fracturing the productive formation. To reduce the cost of this operation, petroleum emulsion was also used in addition to crude oil. Thanks to scientific discoveries put into practice,

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the recovery of petroleum will not hit a new peak. Following the suggestion of the operator Radzhab Aliyev, the quantity of quartz sand injected was increased from 5-10 tons to 25 tons. As a result of this experiment, the oil well produced 25 tons of petroleum per day during several weeks. Later, a compression method was applied to the same well, and its output dropped to 10-15 tons per day. Hydraulic fracturing was performed in the above-mentioned field 50 times at various producing wells. Since the results were good, drillers started to apply this method to exploratory bore-holes as well. As a result, one of the bore-holes, which produced hardly a ton of petroleum per day, has started to yield more than 8 tons and its output has stabilized. However, the hydraulic fracturing methid is not widespread in Azerbaydzhan because a shortage of the necessary equipment limits its application. The TsA-320 cementing truck is now employed for this purpose. With a powerful machine like

the TsA-500 unit, which in spite of all expectations has not yet been received, it would have been possible to use hydraulic fracturing on a much larger scale and thereby to reduce the cost of petroleum production.

ASSOCIATION: Shestoy promysel NPU Kirovneft' (Sixth Oil Field of the Kirovneft' Petroleum Production Administration)

AVAILABLE: Library of Congress

FALIŠEVAC, Josip, prof. dr.; BEZJAK, Branko, prof. dr.; KLEIĆ, Božica, dr.; ALEBAJ, Dora, dr.; ERAGAS, Zlata, dr.; HRABAR, Ante, dr.

Our experience with the treatment of typhoid fever carriers. Med. glas. 19 no.8/9:194-198 Ag-S '65.

1. Bolnica za zarazne bolesti u Zagrebu (Šef službe: prof. dr. F. Mihaljević) i Republički zavod za zaštitu zdravlja u Zagrebu (Direktor: dr. I. Brodarec).

AIERAJ, Dora, dr.; UHLIK, Branko, dr.; STRMECKI, Marija

Immunofluorescent diagnosis of enteropathogenic coli bacteria. Lijecn. vjesn. 87 no.8:841-846 Ag '65.

1. Iz Republickog zavoda za zastitu zdravlja i Veterinarskog instituta u Zagrebu.

ALNRAJ, Dora, Dr.

Serodiagnosis of Salmonella infections. Lijec. vjes. 77 no. 10-12:517-522 Oct-Dec 55.

1. Iz Bakterioloskog odjela Centralnog higijenskog zavoda u Zagrebu.

(SALMONELLA INFECTIONS, diag.
Widal's reaction. (Ser))

ALERAJ, Dora

Serodiagnosis of typhoid diseases. Higijena, Beogr. 8 no.1: 70-72 1956.

1. Central Institute of Hygiene, Zagreb.
(TYPHOID FEVER, diag.
serodiag. (Ser))
(TYPHUS, diag.
same)
(TYPHUS, MURINE, diag.
same)

ALERAJ, Dora, Dr.

Salmonella blockley infection in our country. Lijec vjes 82 no.9/10: 709-711 '60.

1. Iz Centralnog higijenskog zavoda u Zagrebu
(SALMONELLA INFECTIONS epidemiol)

VODOPIJA, Ivan, dr.; BARIC, Ljubo, dr.; SUBAJKOVIC, Mirajana, dr.; TOMPAK, Biserka, dr.; ALERAJ, Dora, dr.; KOSUTIC, Zvonimir, dr.; BREITENFELD, Vladimir, dr.

Salmonellosis java epidemia in a Zagreb hospital. Lijecn. vjesn. 84 no.4:331-338 '62.

1. Iz Zavoda za zastitu zdravlja grada Zagreba, Internog odjela Opce bolnice "Dra M. Stojanovica", Zavoda za zastitu zdravlja NR Hrvatske i Bolnice za zarazne bolesti u Zagrebu.

(SALMONELLA INFECTIONS epidemiol)

MRAVUNAC, Boris, dr; ALERAJ, Dora, dr; RADONOV, Zdenka, dr; MATIC, Ing. Dubravka; KOSUTIC, Zvonimir, dr.

Our preliminary experience with Lactobacillus bifidus containing food for children. Lijecn. vjesn. 83 no.7:687-692 '61.

1. Iz Bolnice za zarazne bolesti, Centralnog higijenskog zavoda, Centra za smjestaj djece u porodice in ustanove i Serovakcinalnog zavoda u Zagrebu.
(LACTOBACILLUS) (INFANT NUTRITION)

ALSRAJ, Z. 1955

"Histopathology of the central nervous system in fowl plague." Faculty of Vet. Medicine, Zagreb Inst. for Vet. Med. Research, Zagreb.

Vet. Archiv. 15 : 53-66
Vet. Archiv. 23 : 193-205, 1953

ALERAY

YUGOSLAVIA/Virology - Human and Animal Viruses. E-3

Abs Jour : Ref Zhur - Biol., No 3, 1958, 9708

Author : Topolnik, Aleray, Audi
Inst : -
Title : Reaction of Complement Fixation in Equine Abortion Virus.

Orig Pub : Veterin. arh., 1955, 25, No 7-8, 188-194

Abstract : With the aid of RSK 358 samples of equine sera were tested; 250 from the Northwestern portion of Khorvatia, where virus abortion prevails, and 108 from districts where no such diseases were observed. Effectiveness of 2 RSK methods was tested (Randall C.C. et al, Proc. Soc. Exptl. Biol. and Med., 1950, 75, 465) and a modified method of the same authors (Doll et al., Am. J. Vet. Res., 1954, 40). In the first method the results were recorded on the basis of 50% hemolysis: positive results were obtained in 42 cases. In using the second method the recording was made only by a total fixation of the complement;

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Abs Jour : Ref Zhur - Biol., No 3, 1958, 9708

a positive result was obtained in 24 sera. RSK results were negative with all 108 samples of unaffected districts. The authors believe that the first RSK method provides more accurate results. RSK was successfully applied with sera samples taken from mares 1-5 weeks after abortion, and also with samples of some pregnant mares and mares who gave birth normally. Positive RSK also was obtained with samples of sera from guinea pigs which were aborted in testing biosamples for diagnosis of virus abortion. The significance of RSK is especially valuable in disclosing new cases of disease.