On the Reduction of Unbounded Non-Selfadjointed Operators to the 20-119-5-7/59 Triangular Form

A of A goes over into the simple part \mathcal{O}_p of \mathcal{O}_q . It seems to be interesting that in the triangular model of a K^1 -operator there appears one differential operator (for $r \ge 2$ even two differential operators)- compared with the bounded operators this is a new appearance. There are 5 Soviet references.

ASSOCIATION: Odesskiy gosudarstvenny pedagogicheskiy institut imeni K.D.Ushinskogo (Odessa State pedagogic Institute imeni K.D.Ushinskiy)

PRESENTED: December 4, 1957, by A.N. Kolmogorov, Academician

SUBMITTED: August 19, 1957

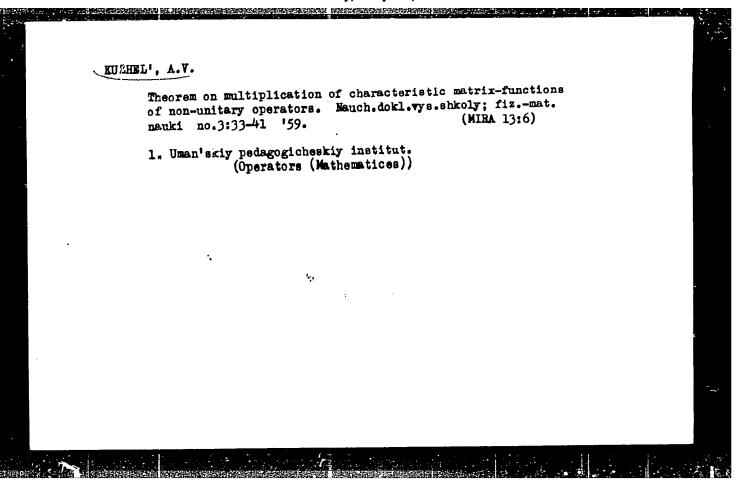
442

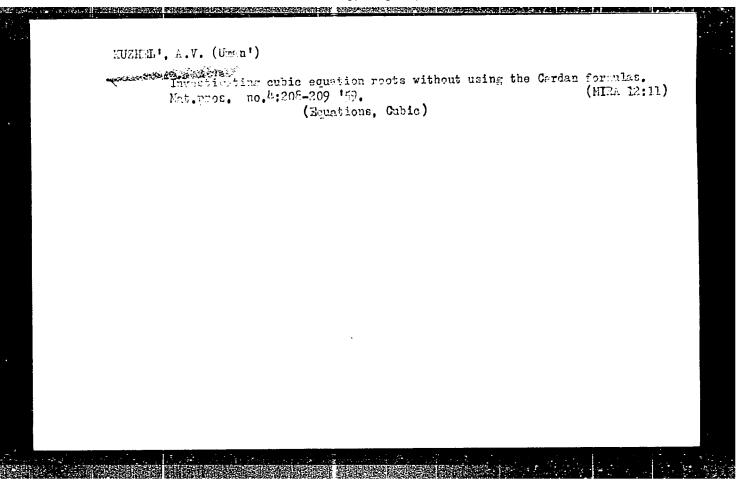
Card 3/3

KUZHEL', A. V. Cand Phys-Math Sci -- (diss) "Spectrum analysis of unrestricted nonsif-adjoint operators." Khar'kov, 1959. 11 pp (Min of Higher and Specialized Secondary Education Ukssr. Khar'kov Order of Labor Red Banner State Univ im

A. M. Gor'kiy), 150 copies (KL, 2008 50-59, 124)

-2-





THE RESERVE OF THE PROPERTY OF

16(1)

AUTHOR:

Kuzhel', A.B.

SOV/42-14-4-10/27

TITLE:

Problem

PERIODICAL: Uspekhi matematicheskikh nauk, 1959, Vol 14, Nr 4, p 158 (USSR)

ABSTRACT:

For certain unique analytic functions V.P.Potapov (Trudy Moskovsk. matem. ob-va, 1955, Nr 4) gave the integral

representation

 $\omega(\zeta) = \mathcal{L}_{\infty}(\zeta) \mathcal{L}_{o}(\zeta) \int_{0}^{t} \exp \left[\frac{5 + e^{i \vartheta_{c}(t)}}{5 - e^{i \vartheta_{c}(t)}} \right] dE(t) ,$

where $\vartheta(t)$ is monotonely increasing. The author asks the question whether $\vartheta(t)$ can be chosen so that $\vartheta(t) \neq 0$ for

t > 0.

SUBMITTED:

December 8, 1958

Card 1/1

6

16(1)

AUTHOR:

Kuzhel'A.V.

SOV/20-125-1-7/67

TITLE:

Spectral Analysis of Unbounded Non-Selfadjoint Operators (Spektral'nyy analiz neogranichennykh nesamosopryazhennykh operatrov)

-

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 1, pr 35-37 (USSR)

ABSTRACT:

The author considers non-selfadjoint extensions A of the Hermitean operator A_0 with the defect index (r,r), where dim $D_A = r \pmod{D_{A_0}}$. It is not assumed that the region of

definition $\mathbf{D}_{\mathbf{A}_{_{\mathbf{O}}}}$ is dense in H. The author describes a triangular

model and the spectrum of these operators. In the special case (if for every $f \in D_A$ it holds $Im(Af, f) \ge 0$) he gives a criterion of completeness. The author uses essentially a paper of V.P.

Potapov Ref 17.

There are 4 Soviet references.

ASSOCIATION: Umanskiy pedagogicheskiy institut (Uman' Pedagogical Institute)

PRESENTED: November 26,1958, by A.N.Kolmogorov, Academician

SUBMITTED: November 24,1958

Card 1/1

BING, R.G.; KAZARINOV, N.D. (Madison, Wiskonsin, SShA); KAZHDAN, I.A., (studentka 4-go kursa); MAS'KO, S.S. (studentka 4-go kursa); DORPMAN, A.G. (OG'kty); KUZHEL, A.V. (Uman'); SKOPETS, Z.A. (Yaroslavl'); TELESIN, Yu.Z. (Moškva)

Brief notes. Mat.pros. no.6:205-216 '61. (MIRA 15:3)

1. Moskovskiy gosudarstvennyv pedagogicheskiy institut imeni Lenina (for Kazhdan, Mas'ko). (Mathematics---Problems, exercizes, etc.)

S/044/62/000/007/004/100 C111/C333

AUTHOR:

Kuzhel', A. V.

TITLE:

An investigation of the roots of the equation $x^n + px^k + q = 0$

PERIODICAL:

Referativnyy zhurnal, Matematika, no. 7, 1962, 25, abstract 7A139. ("Matem. prosveshcheniye", 1961, no. 6,

210-211)

TEXT:

The number of the real roots of the equation

$$f(x) = x^n + px^k + q = 0$$

is investigated, where n,k(n > k) -- odd natural numbers, p, q -- real numbers different from zero, p < 0(the case p \geqslant 0-is trivial). The number

$$D = (q/(n-k))^{2} - k^{2k/(n-k)}(|p|/n)^{2n/(n-k)}$$

is connected with the equation. By investigating the course of the function f(x) it is found: 1) if D>0, then f(x) has one real zero; 2) if D<0, then f(x) has three real zeros; 3) if D=0, then f(x) has three real zeros, two of which are equal.

[Abstracter's note: Complete translation.]

Card 1/1

KUZHEL', A.V. [Kuzhil', O.V.]

Spectrum analysis of quasi-unitary operators of the first order in a space with an indefinite metric. Dop. AN URSR no.8:1001-1003 '61. (MIRA 14:9)

1. Umanskiy pedagogicheskiy institut. Fredstavleno akademikom AN USSR B.V. Gnedenko [Hniedenko, B.V.]
(Distance geometry)

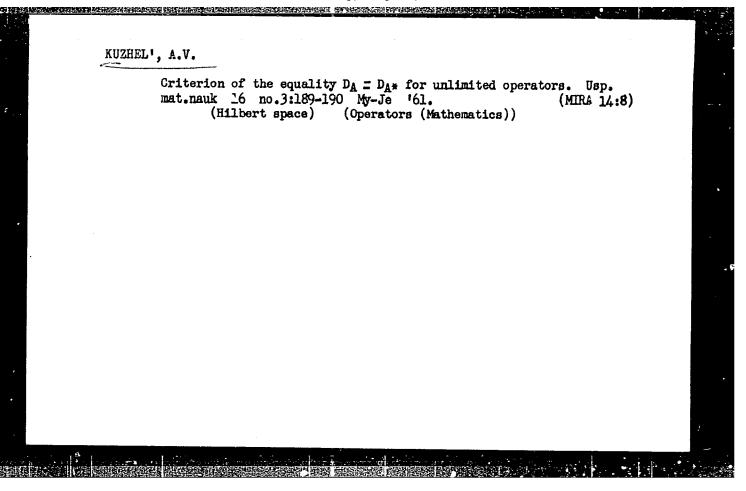
MUZHEL', A.V. [Kuzhel', O,V.]

One class of linear operators. Dop. AN URSR no.11:1412-1414 '61.

(MIRA 16:7)

1. Umanskiy pedagogicheskiy institut. Predstavleno akademikom
AN UkrSSR Yu.A.Mitropol'skim [Mytropol's'kyi, IU.O.].

(Operators (Mathematics))



39896 5/125/62/000/007/009/012 p040/p113

1.2300

AUTHORS: Kuzhel', A.V.; Nazarenko, O.K.; Povod, A.G; Strekal', L.P.

TITLE:

A universal welding electron gun with up to 50 kv acceleration

voltage

PERIODICAL: Avtomaticheskaya svarka, no. 7, 1962, 88-91

TEXT: The described electron gun (Fig. 5) of the Institut elektrosvarki im. Ye.O. Patona (Electric Welding Institute im. Ye.O. Paton) is used in y-3 (U-3) electron beam welding machines, and permits the accelerating voltage to be adjusted in the 15-25 kv and 25-50 kv ranges. It can be used for welding various metals of different thickness such as thin sheet molybdenum or tungsten and thick aluminum or stainless steel. The gun has a 3-electrode projector with a lanthanum boride cathode, and a one-stage electromagnetic focusing lens of 2,000 amp-t in a screen of armsco iron. The long current supply system of the cathode reduces the heat transfer to the vacuum, which seals off the armored high-voltage insulator. A metal bellows joint permits the projector to be displaced along the gun axis during operation, and also allows the space between the focusing electrode and the

Card 1/1 =

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S/125/62/000/007/009/012 D040/D113

A universal welding

anode to be adjusted without disturbing the vacuum in the gun. The entire gun can be tilted 150 from the vertical axis to adjust the focal spot to the work edges. An electromagnetic deflecting system placed under the focusing less deflects the beam by 5-100 along the seam; this protects the cathode from metallization and ion bombardment. There are 6 figures.

ASSOCIATION: Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im.

Ye.O. Patona AN USSR (Electric Welding Institute "Order of the Red

Banner of the Labor" im. Ye.O. Paton, AS UkrSSR)

SUBMITTED: November 4, 1961

Card 2/3 2

KUZHELº, A.V. [Kuzhelº, O.V.]

Solution of a class of second-order differential equations. Dop.
ANURSR no.12:1539-1541 62. (MIRA 16:2)

1. Umanskiy pedagogicheskiy institut. Predstavleno akademikom AN UkrSSR Yu.A. Mitropol'skim [Mytropol's'kyi, IU.O.].
(Differential equations)

KUZHEL', A.V.

Spectrum analysis of bounded non-self-adjoint operators in a space with an indefinite metric. Dokl. AN SSSR 151 no.4:772-774 Ag '63. (MIRA 16:8)

1. Umanskiy pedagogicheskiy institut. Predstavleno akademikom I.G.Petrovskim.

(Operators (Mathematics))

KUZHEL', A.V.

Non-self-adjoint operators generated by Jacobian matrices.

Eokl. AN SSSR 154 no.5:1027-1029 F'64. (MIRA 17:2)

1. Umanskiy gosudarstvennyy pedagogicheskiy institut. Predstavleno akademikom V.I. Smirnovym.

KUZHEL', A.V.

Spectrum of a regular quasi-differential operator. Dokl.
AN SSR 156 no. 4:731-733 Je '64. (MIRA 17:6)

1. Umanskiy pedagogicheskiy institut. Predstavleno akademikom
A.A. Dorodnitsynym.

KUZHEL', A.V. [Kuzhel', O.V.]

Spectrum of a monself-adjoint Sturm-Liouville differential operator on a semiaxis. Dop. AN URSR no.2:157-160 '65. (MIRA 18:2)

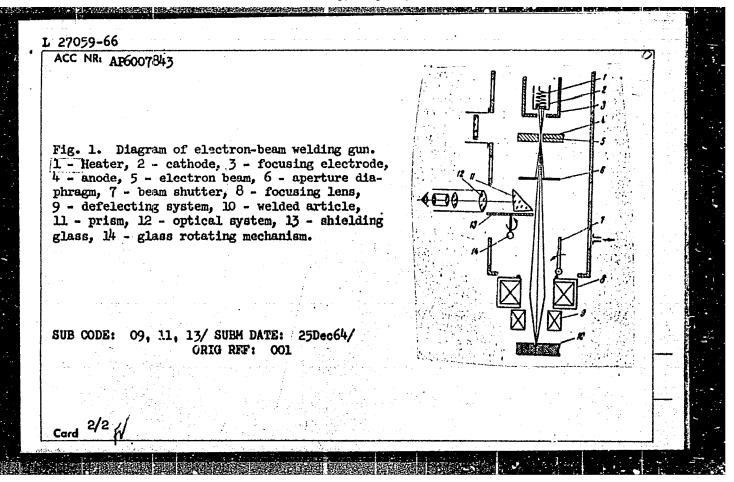
1. Umanskiy pedagogicheskiy institut.

KUZEL', A.V. [Kuzhel', O.V.]

Characteristic matrix functions of quasi-unitary operators of arbitrary rank in a space with an indefinite metric. Dop. AN URSR no.9:1135-1138 '62. (MIRA 18:4)

1. Umanskiy pedagogicheskiy institut.

EWT(m)/ETC(f)/EWG(m)/EWP(v)/T/EWP(t)/ETI/EWP(k) IJP(c) L 27059-66 SOURCE CODE: UR/0120/66/000/001/0209/0219 DS/JD/HM ACC NR: AP6007843 AUTHOR: Zinchenko, G. N.; Zinchenko, N. S.; Kuzhel', A. V.; Nazarenko, O. K. ORG: Institute of Radio Physics and Electronics, AN UkrSSR (Institut radiofiziki 1 E elektroniki AN UkrSSR); Institute of Electric Welding, AN UkrSSR, Kiev (Institut elektrosvarki AN UkrSSR) TITLE: Hermetic sealing of tungsten-barium cathodes with the aid of electron-beam welding (SOURCE: Pribory i tekhnika eksperimenta, no. 1, 1966, 209-210 TOPIC TAGS: cathode, directron beam welding, hermetic seal, seam welding ABSTRACT: The authors describe experiments on sealing tungsten-barium cathodes of various geometry, to prevent leakage of the activating BaCO3 to the outside of the cathode structure. The tests were made with a specially designed laboratory setup in which electron-beam welding could be carried out in vacuum up to 5 x 10-5 Torr (Fig. 1). The welding electron gun operated at 40 kv accelerating voltage and was fed from a source of power up to 2.5 kw. Special welding joints had to be designed to produce a hermetically-tight welded scam. The construction of the optimal cathode and of the proper welding joint are briefly described. Tests have shown the new cathode construction to be immune to leaks resulting from repeated heating and cooling. Orig. art. has: 3 figures. Some of the COUNTRY ASSESSED ONG ROP: COL Card 1/2 UDC: 621.385.735



KUZHEL', M.G.; DIMASHKO, A.D.; IL'IN, P.L.

Permissible pitch of cable sinding on the drum of a hoisting machine.

Ugol' 29 no.11:27-31 '54. (MLEA 7:11)

1. Otdel Glavnogo konstruktora Nova-Kramatorskogo mashinostroitel'nogo zavoda im. Stalima.

(Mine hoisting)

April 1 - MARSING CORRESPONDED

KISELEV, Nikolay Nikolayevich; KUZHEL', Maksim Georgiyevich; DIMASHKO, Aleksandr Dominikovich; IL'IN, Petr Lukich; KARPYSHEV, H.S., redaktor; ZAPREYEVA, K.A., redaktor; ALADOVA, Ye.I., tekhnicheskiy redaktor

[Mine hoisting machinery (mechanical part); construction atlas]
Shakhtnye pod*emnye mashiny (mekhanicheskaia chast*); atlas konstruktsii. Moskva, Ugletekhisdat, 1955. 114 p. (MLRA 9:1)

(Mine hoisting)

SOV/122-58-11-14/18

AUTHOR:

Kiselev, N.N., Engineer

Kuzhel', M.G.

TITIE:

New Designs of Mine Hoisting Gear (Novyye konstruktsii

shakhtnykh pod" yemnykh mashin)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, Nr 11, pp 74-78 (USSR)

A.BSTRACT:

Card 1/3

Nove-Kramatersk Mech-Engineering Works (Nove-Kramaterskiy Mashinostroitel'nyy Zavod) has been designated to supply

mine hoisting gear within the current drive for specialisation. The development of hoists with a multi-rope friction drum is proceeding. These hoists can be erected on a tower over the shaft, their drums are smaller and lighter which leads to considerable savings of structures and foundations. The first installation, designated MK-3.25 x 4, has been erected at the "Imeni Karla Libknekhta" mine in the Krivoy Rog coalfield. It lifts 15 tons from 1300 m depths.

The installation incorporates remote automatic control

with a selsyn depth indicator and a rope slip corrector, a spring loaded brake with automatic

compressed air control, spring mounting of the reducing

gearbox and a special device for the suspension and

SOV/122-58-11-14/18

New Designs of Mine Hoisting Gear

changing of ropes. Four lifting ropes envelop the friction drum in four parallel planes through driving angles of between 180 and 220°. Each rope carries the mine cage at one end and another cage or a counterweight at the other end. Guide pulleys ensure the positioning of the rope so as to pick up the cage suspension. The rope is driven by friction over the drum lining, which can be exchanged without removal of the hoisting ropes. The layout of the hoist is illustrated in Fig. 3. Some details are enumerated, including protection against faults. The pneumatic circuit controlling the spring loaded, pneumatically actuated brake is shown in Fig. 4. It is stated that the machine described in the present paper can replace standard hoisting installations with drum diameters of 6, 8 and 9 m, achieving a steel economy of up to 220 tons.

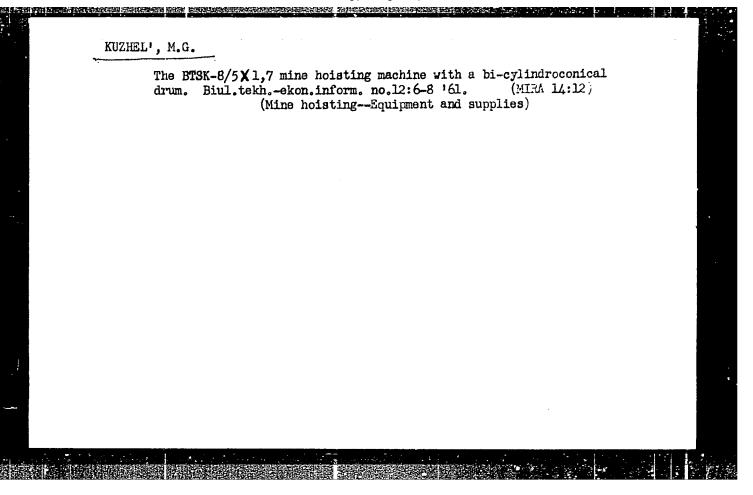
Card 2/3

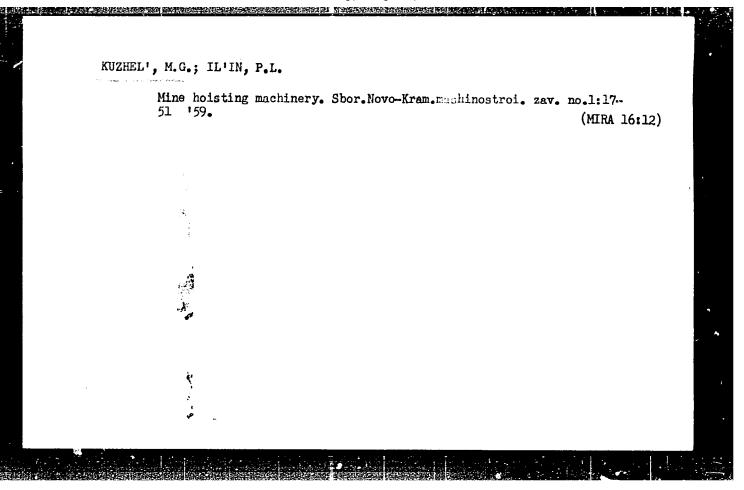
SOV/122-58-11-14/18

New Designs of Mine Hoisting Gear

MK-4 x 4 and MK-4 x 8 machines intended for 25 and 50 ton lifting from 1200 m depth are under development. There are 4 illustrations including 2 photographs.

Card 3/3





KOZHEL', M., metodist

Instructive example of Zyryanovsk miners. Inform.binl. VENKH
no.4213 Ap '65. (MIRA 1825)

1. Favil'en "Metallurgiya" na Vystavke dostizheniy narodnego
khozyaystva S.SR.

S/021/62/000/012/001/018 D251/D308

AUTHOR:

Kuzhel', O.V.

TITLE:

On the solution of a class of second order differ-

ential equations

PERIODICAL:

Akademiya nauk Ukrayins'koyi RSR. Dopovidi, no. 12,

1962, 1539-1541

TEXT:

The author considers the function

 $U(x,\lambda) = \frac{1}{3} \left[(a - \gamma)(\alpha + \sqrt{\alpha^2 + \beta})^{\lambda} + (a + \gamma)(\alpha - \sqrt{\alpha^2 + \beta})^{\lambda} \right]$

where

 $\gamma = \frac{a\alpha - b}{\sqrt{\alpha^2 + \beta}};$

a and β are constants, and b and α are differentiable and γ a twice differentiable function of x, independent of λ . Then $U(x,\lambda)$ satisfies y'' + p(x)y' + q(x)y = 0

Card 1/3

(2)

S/021/62/000/012/001/018 D251/D308

On the solution of a class ...

where

$$p(x) = -\frac{s'(x)}{s(x)}, \ s(x) = a\gamma' + \lambda \left(\gamma^a - a^a\right)\psi,$$

$$\left(\psi = \frac{\alpha'}{\sqrt{\alpha^a + \beta}}\right),$$

$$q(x) = \frac{\lambda \psi^a}{s(x)} \left[3\frac{\gamma'^a}{\psi} - \left(\frac{\gamma\gamma'}{\psi}\right)' - 2a\lambda\gamma'\right] - \lambda^2\psi^a.$$
(21)

Hence it is shown that: if γ = const. (γ = 0 for Chebyshev polynomials), $U(x,\lambda)$ will satisfy

$$y'' - \frac{\psi'}{\psi} y' - \lambda^2 \psi^2 y = 0$$
 (3)

If 2fg + g' = 0,

$$y'' + fy' + gy = 0 (4)$$

may be solved by applying (1). Hence a solution to Riemann's differential equations

 $U(x,\lambda) = C_1 \left(\frac{x-a}{x-c}\right)^{\gamma} + C_2 \left(\frac{x-c}{x-a}\right)^{\gamma} \quad (\beta = \gamma (c-a))$ Card 2/3

S/021/62/000/012/001/018 D251/D303

On the solution of a class ...

may be found, where C_1 , C_2 are arbitrary constants. Other equations are solved by similar analysis, including the Riccati equation.

ASSOCIATION:

Umans'kyy pedahohichnyy instytut (Uman' Pedagogical Institute)

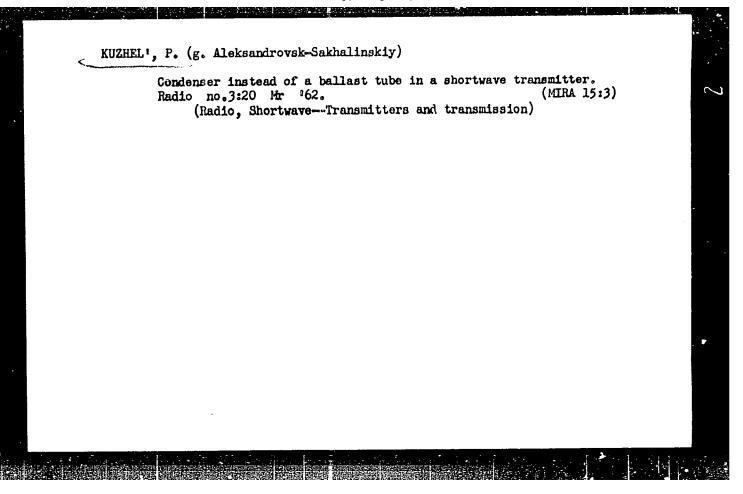
PRESENTED:

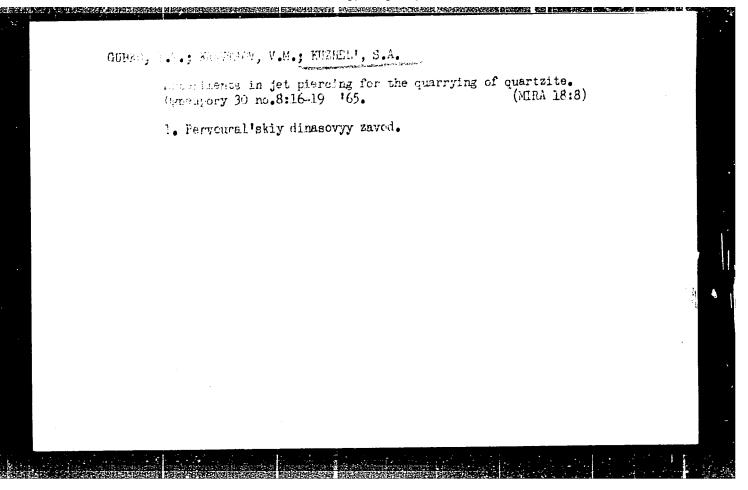
by Yu. A. Mytropol's'kyy, Academician

SUBMITTED: - .

January 18, 1962

Card 3/3

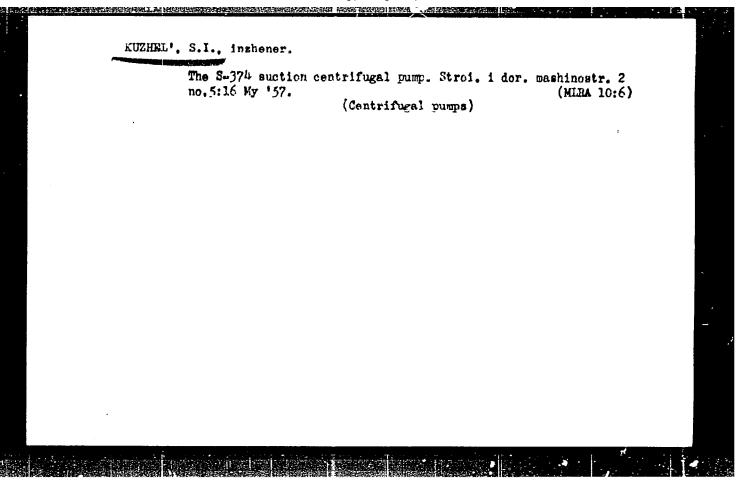


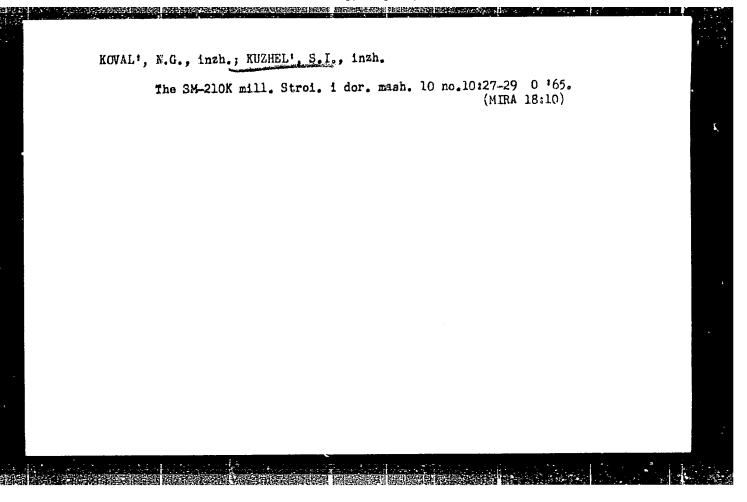


SIMENOV, V.C., kand. tekhn. nauk; SIVOROV, h.L., LZsh., VIROURALOT, V.S., inzh., KRIVOSHCHEKOV, Yu.V., inzh.; KRAVISON, V.M., Inch., KUZHEL!, Sel., inzh.

Results of some experimental studios on the drill ability of ferviouralisk quantite by thermal piecolog. Izv. vye. domeb. vav., gor. thur. 8 no.7491.90 lef. (M.Ho. 18 9)

1. Sverdlovskiy gornyy inspirational Vekhresheva fewanatruktorekiy institut gornogo i obogatitelinego oberudovaniya (for Vinogradov, Krivoshchekov). 3. Rudnik Ferviuralitacogo dinasovogo zavoda (for Kravhsov, Kuzhel!). Fekomendovana balodvoy shakhunogo stroltelistva Sverdlovskogo gornogo instituta.





М.

USSR/Cultivated Plants - Fruits. Berries.

: Ref Zhur - Biol., No 10, 1958, 44308

: Kuzhclenko, V.G. Author

: Moldavian Affiliate of the AS USSR Inst

: Biological Basis for the Plum Formation in the Hursery Title

(Preliminary Report).

: Izv. Mold. fil. AN SSSR, 1957, No 2-3, 37-45. Orig Pub

: The biological peculiarities of the formation of the plum corolla were studied in 1954-1955 in several nurseries of Abstract

the Moldavia SSR. The observations showed that after the first year the diameters of the stems of the seedlings did not reach the standard dimensions and it is only when they are two years old that they approach the dimensions of the standard. In 1954 the length of the branches rea-

(1995年) 1995年(1995年) | 1995年(1995年) | 1995年(1995年) | 1995年(1995年) | 1995年(1995年) | 1995年(1995年) | 1995年(1995年)

ched that of the standard only in 5 varieties; in the

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Abs Jour

- 151 -

"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000928010

Μ.

USSR/Cultivated Plants - Subtropical. Tropical.

Abs Jour : Ref Thur - Biol., No 10, 1958, 44355

Author : Kuzhelenko, V.G.

Inst : Moldavian Affiliate AS USSR

Title : The Primary Variety Trials of Citrus Fruit Cultures and

Selection of Lemon in the Moldavia SSR.

Orig Pub : Izv. Mold. fil. AN SSSR, 1957, No 2-3, 75-84.

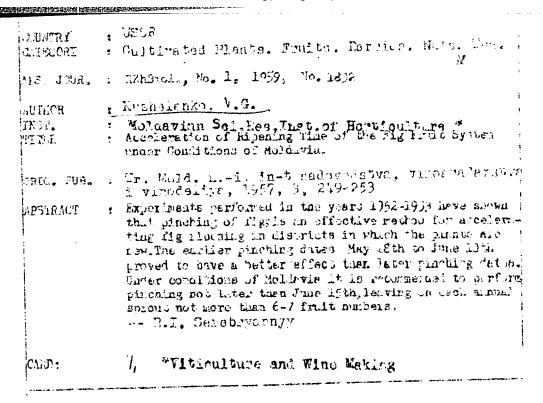
Abstract : 78 citrus plants of different varieties were grown for 5

years in the trench beds of the experimental base of the Institute of Fruit Growing, Viticulture and of Viniculture of the Moldavia Affiliate of the Academy of Sciences of USSR. Varieties most adapted for culture are: for the lemons - Mayer, Villa-Frank, Genoa, Lunairo, Commune, and Nobogruzinski; from oranges - Sochinsky, from tangerines-Broad-Leaved Unshau. These varieties are more immune to

Card 1/2

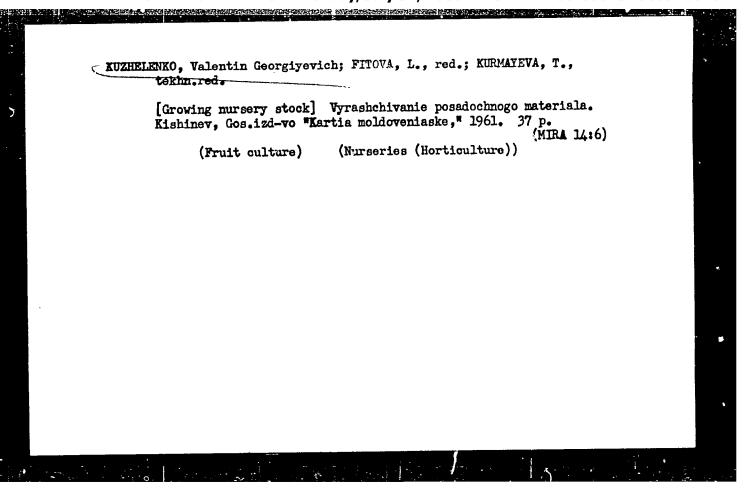
"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-

CIA-RDP86-00513R000928010



APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R0009280100

165



KUZHELEV, A.I., inzh.; VELICHKO, F.F., inzh.

Working out operational layouts using models. Mont. i spets. rab. v stroi. 23 no. 2:17-18 F '61. (MIRA 14:1)

1. Sibirskiy filial Proyektno-konstruktorskoy kontory Mekhanomontazhproyekt.

(Factories-Equipment and supplies)

ACC NR: AP7004954

SOURCE CODE: UR/0048/66/030/009/1406/1408

AUTHOR: Karpov, I.K.; Kuzhelev, L.P.; Mikhal chenko, G./.

ORG: none

TITLE: Radioluminescence of nonactivated alkali-halide crystals /Report, Fourteenth All-Union Conference on Luminescence (Crystal Phosphors) held at Riga, 16-23 Sept. 1965/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 9, 1966, 1406-1408

TOPIC TAGS: luminescence, luminescence spectrum, luminescent crystal, alkali halide, radioluminescence, thermoluminescence, scintillation

ABSTRACT: The authors investigated the low-temperature radioluminescence of pure lithium, sodium, potassium and cesium chloride, bromide and iodide crystals. The specimens contained no more than $10^{-5}\%$ of heavy metals. In view of the virtual absence of heavy metals, the high absolute luminescence yields (up to 10%) and the absence of photoluminescence under ultraviolet excitation, the authors conclude that that 90 to 95% of the observed low-temperature luminescence was due to the host crystal alone. Radioluminescence was excited at -150° C by β radiation from a Sr⁹⁰ + γ ⁹⁰ source. In general the radioluminescence yield decreased with increasing mass of the cation and decreasing mass of the anion. The luminescence yields of the cesium yields of the cesium salts, however, were higher than those of the corresponding

Card 1/2

SURM DATE:

SUB CODE:

Card

2/2

AP 7004954 ACC NR: potassium salts, and the luminescence yields of the iodides did not vary greatly with the cation mass. To determine whether the luminescence of the pure phosphors was due to recombination at lattice defects or to some mechanism that remains effective in a perfect crystal, the authors compared the optical spectra of the thermostimulated luminoscence of previously irradiated crystal with the spectra of the low-temperature radioluminescence. It was found that both spectra of the chlorides and bromides contain the same bands, although with different relative intensities, but that the shortest wavelength and strongest band in the radioluminescence spectra of LiI, NaI, KI, and CsI does not appear in the thermoluminescence spectra at any temperature. These crystals are known to be good low-temperature scintillators, and it is hypothesized that their scintillation is due to the short wavelength luminescence that cannot be ascribed to recombination at lattice defects. It is suggested that this luminescence may be due to radiative annihilation of anionic excitons. The effects of dopants are briefly discussed. The addition of KI to KBr was found to increase the radioluminescence yield, the mixture luminescing stronger than either of the pure components. The luminescence of NaCl.NaI single crystals increased by a factor of 10 on cooling from + 25 to - 150° C. This hybrid crystal had a narrow luminescence band at 225 mu. The addition of thallium increased the strength of the 225 mu band by a factor of 8, and the radioluminescence and thermoluminescence spectra were identical; from this it is concluded that the Tl+ and I centers act together as a single entity. Special experiments (not described) showed that at least one of the thermoluminescence peaks is due to delocalization of electrons. Orig. art. has: 3 figures. ററ6 OTH REF: 002 ORIG. REF: none

KUZHELEV, N. M.

Forests and Forestry

Competition between the foresters of two provinces, Les i step' '0.3, 1952

Unclassified.

Monthly List of Russian Accessions, Library of Congress, July 1952.

- 1. KUZHELEV, N.M.
- 2. USSR (600)
- 4. Forestry Schools and Education
- 7. Successful method of exchanging experience. Les i step! 4 no.12 1952

9. Monthly List of Bussian Accessions. Library of Congress. March 1953. Unclassified.

KUZHELEV, N. M.

Socialist Competition

Caring for additional forest plantings through socialist competition. les. khoz. 5, No. 7, 1952.

1952

9. Monthly List of Russian Accessions, Library of Congress, September MOGAL Unclassified.

KUZHELEV, N. M.

Foresters

Antonina Kozhukharenko, master of forest cultivation. Les i step! 14 No. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

LARIONOV, K.A., prof.; KADACHIGOV, V.M., prof.; KUZHELEV, N.S., dotsent; LOPUKHOV, L.S., dotsent; TIKHONOV, I.A., prof.; TSAPKIN, N.V., dotsent; CHESNOKOV, P.A., dotsent. V redaktirovanii prinimal uchastiye BOYKOV, S.I., AZAROV, E.K., red.; LEVONEVSKAYA, L.G., tekhn.rad.

[Political economy; textbook for students of economic theory]
Politicheskaia ekonomia; posobie v pomoshch' izuchaiushchim
voprosy ekonomicheskoi teorii. Leningrad, Lenizdat, 1960.
362 p. (MIRA 13:7)

(Economics)

AZAROV, Eduard Konstantinovich; KUZHKLEV, N.S., red.; ONOSHKO, N.G., tekhn.red.

[Rhythm in the work of an enterprise] Ritmichnost' v rabote predprilatila. Leningrad, Lenizdat, 1960. 54 p.

(Industrial management)

(Industrial management)

TOKMALATEV, S.F., dotsent [decessed]; KUZHELMV, N.S., dotsent; OSTROVITYANOV, K.V., akademik; ALEKSETEV, A.M., dotsent; KUDROV, V.M.;
LEONT'YEV, L.A. Prinimali uchastiye; BELYAYEVA, Z.N., kand.ekon.
nauk; MRACHKOVSKAYA, I.M., kand.ekonom.nauk; RYNDINA, M.N.,
kand.ekonom.nauk; SHIRINSKIY, I.D., kand.ekonom.nauk; red.;
YUMASHEV, A.I., kand.ekonom.nauk; PROKOP'YEV, S.P., red.; NAUMOV,
K.M., tekhn.red.

[Capitalist production method] Kapitalisticheskii sposob proizvodstva. Moskvs. Pt.2. 1960. 357 p. (MIRA 13:10)

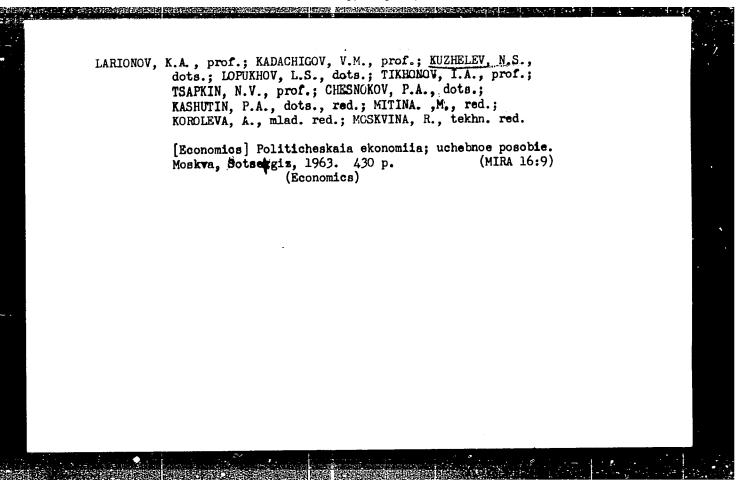
1. Kommunistiche skaya partiya Sovetskogo Soyuza. Vysshaya partiynaya shkola. 2. Chlen-korrespondent Akademii nauk SSSR (for Leont'yev).

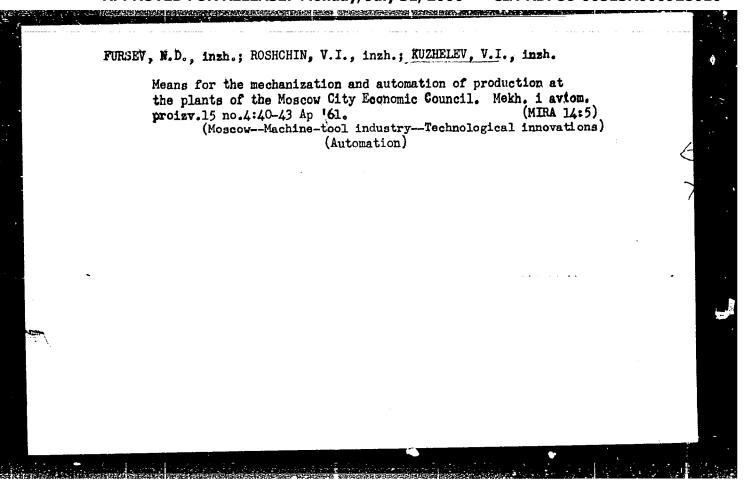
(Economics)

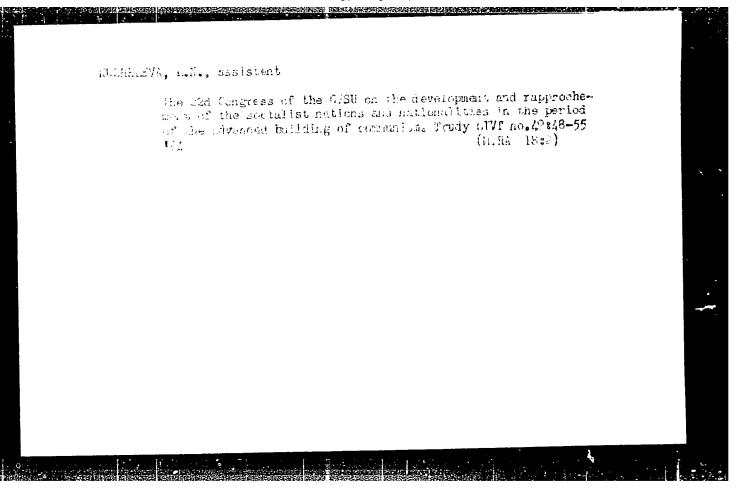
MIKHAYLOV, Aleksandr Timofeyevich; KUZHELEV, N.S., nauchnyy red.;
BRAILOVSKIY, V.A., red. izd-va; GURDZHIYEVA, A.M., tekhn.

[Proportion in production and how to achieve it under socialism and communism]Proportsional'nost' proizvodstva i sposob ee dostizheniia pri sotsializme i kommunizme. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchh. znanii RSFSR, 1962. 58 p. (MIRA 16:1)

(Russia---Economic policy)







BABLYAK, Nikolay Matveyevich, prepodavatel'; KUZHELEV., Ol'ga logifovna, kand. ist. nauk dots.; KURBATOVA, G., rod.

[The competition between the two worlds] Sorevnovanie dvukh mirov. Moskva, Politizdat, 1964. 61 p. (MIRA 17:8)

1. Omskiy pedagogicheskiy institut (for Kuzheleva).
2. Omskiy institut inzhenerov zheleznodorozhnogo transporta (for Bablyak).

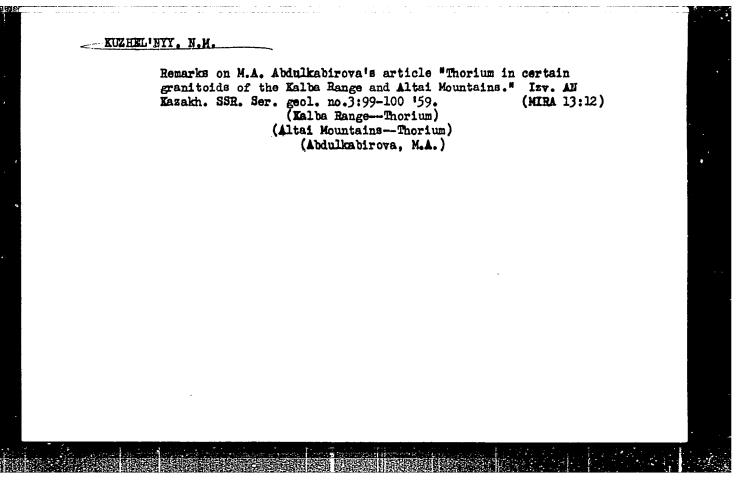
EUZHRLEVA, V.I. (Kotovsk, Tambovskoy oblasti, ul. Budennogo, d.3, kv.18)

Diagnosis and treatment of appendicitis. Vest, khir. 83 no.12:
81-83 D '59. (MIRA 13:5)

1. Is khirurgicheskogo otdeleniya (zav. - zaslush. vrach RSFSR I.V. Shchurkin) 1-y gorodskoy bol'nitsy gor. Kotovksa, Tambovskoy oblasti.

(APPENDICITIS)

ر د د د د د د د د : Quitivated Plants. Fruit. Berry. Nuclferous. M CATEGORI Teu. ABS. JOUR. : RZhBiol., No. 3, 1959, No. 11108 : Aushalova, Io. P. AUTHOR : Koseow Fruit and Berries Experiment Station. : Cherry Should be Reproduced after a Consideration of Its DIST. TITLE Biological Obernotoristics. ORIG. PUB. + Byul. nauchno-takhn. inform. htmk. plod.-yagodn. opyta. st., 1953, No. 2, 23-25. : In the shrib variaties of cherry, the buds on 1-year old ABSTRACT shoots are, in the main, fruit bads, especially on the shoots which were out back. On shoots shorter than 25 on, there are no growth buds at all. In order to inprocess the number of long podracles, it is recommended to in special priming of the mother trees, to use for incompation the bads only from shoots longer than 26 cm cost perform the inequiation with the terminal buds. In We incomistion before the differentiation of the buds at the and of June - the first days of July, the buds CARD: 1/2



\$/169/62/000/010/007/071 0223/0307

AUTHOR:

Ruzhel'nyy, N.H.

TITLE:

Absolute age of the granitoids of North-West Altay

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 10, 1962, 11, abstract 10463 (Geologiya i geofizika, no. 5, 1962,

49-54 (summary in Eng.))

TEXT: The results of determining by the argon method the absolute age of granitoids in the north-western part of Rudnyy Altay are given. The resulting data agree well with the geologic age of the studied rocks and testify to the presence of granitoids of the Tel'besskiy, Emeinogorskiy and Kalbinskiy intrusive complexes in this area.

/ Abstracter's note: Complete translation /

Uard 1/1

KUZHEL'NYY, N.M.

Complex of small intrusions and the age of polymetallic mineralization of the northwestern part of the Rudnyy Altai. Geol.i geofiz. no.5:125-129 '62. (MIRA 15:8)

1. Zapadno-Sibirskoye geologicheskoye upravleniye, Novokuznetsk.
(Altai Mountains--Rocks, Igneous)
(Altai Mountains--Ore deposits)

Dischage thing the Valta increates complex to northestern part of the Rusney Edici. tool. I goofle. or.Sol.5049 165. (MIRA 18:8) 1. Waye in -Sibirsacya gasing theskops numerically, Nevalumetak.

KUZHELOV,	Garrile Kurmanovich	DECEASED	1964
Geology		1963	

"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000928010

ACC NR: AR5024835

SOURCE CODE: UR/0169/66/000/004/G003/G003

AUTHOR: Subbotin, S. I.; Gurevich, B. L.; Kuzhelov, T. K.; Sollogub, V. B.; Chekunov, A. V.; Chirvinskaya, M. V.

TTLE: The plutonic formation on the territory of the Ukrainian SSR according to data from a geophysical study

SOURCE: Ref. zh. Geofizika, Abs. 4G13

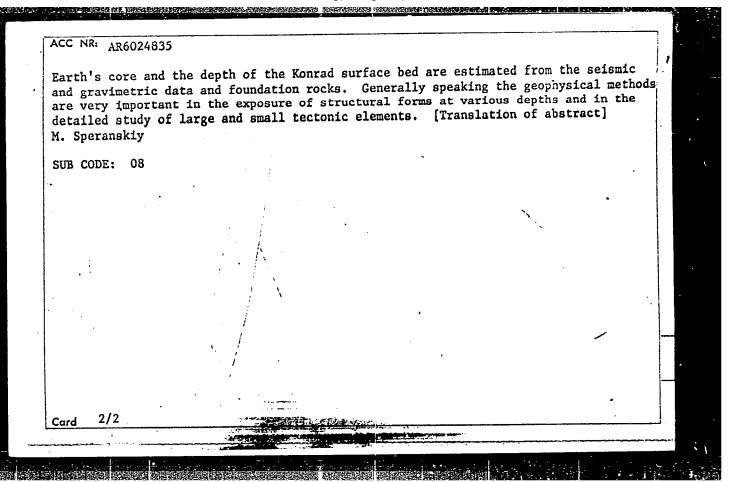
REF SOURCE: Sb. Geol. rezul'taty prikl. geofiz. Geofiz. issled. stroyeniya zemn. kory. M., Nedra, 1965, 56-59

TOPIC TAGS: geological survey, area description, geomagnetic field

ABSTRACT: The main relationship between the anomalous gravitational field and the geological structure of the territory in question is the linearity of the field in the regions of deep submersion of the Precambrian foundation and the mossaic-like arrangement of the shallow surface Precambrian bed. The geomagnetic field anomalies arrangement of the internal structure of the Precambrian foundation, i.e., Proterozoic folded linear regions and prehistoric plutonic localized objects of the basic and ultrabasic rock. In the regions where large subcambrian deposits were formed the geomagnetic field anomalies mainly reflect the presence of shallow effusive bedrock. A large number of plutonic breaks and "feathered" cracks were established from the data of seismometry, gravimetry, and by other geophysical methods. The thickness of the

Card 1/2

UDC: 550.311(477)



ZHURAVLEV, V.A.; KUZHELYUK, A.A. (L'vov)

Electromotive forces in some catalytic reduction reactions.
Zhur.fiz.khim. 34 no.6:1331-1335 Je '60.
(MIRA 13:7)

1. L'vovskiy meditsinskiy institut.
(Electromotive force) (Reduction) (...talysis)

KUZHELYUK, A.A.

Temperature dependence of the electromotive force and activity of semiconductor catalysts in the catalytic decomposition of hydrogen peroxide. Zhur. fiz. khim. 38 no.5:1268-1269 My '64. (MIRA 18:12)

1. L'vovskiy meditsinskiy institut. Submitted June 18, 1962.

CIA-RDP86-00513R000928010 "APPROVED FOR RELEASE: Monday, July 31, 2000

ACCESSION NR: AP4019512

The state of the s

S/0076/64/038/002/0271/0276

AUTHORS: Zhuravlev, V.A. (L'vov); Kuzhelyuk, A.A. (L'vov)

TITLE: Change in emf and catalytic activity of semiconductor catalysts during decomposition of hydrogen peroxide

SOURCE: Zhurnal fizicheskoy khimii, v. 38, no. 2, 1964, 271-276

TOPIC TAGS: semiconductor catalyst, hydrogen peroxide decomposition, cupric oxide catalyst, hydrogen peroxide, emf activity

ABSTRACT: The present article which is a continuation of an earlier work by the same authors (ZhFKh 34, 1331, 1960) has as its purpose to find the emf of electron and hole semiconductors in their catalytic action over long periods of time during their maturing, constant activity and fatigue. The tests lasted for 10 days and low concentration of H₂O₂ (0.25 mol/1) over CuO in 10 min cycles, were when fresh solution was poured in. The emf decreases with again; of the semiconductor catalyst. During the entire time of samples of the cycle there was a correlation between the activity of semiconductor

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ACCESSION NR: AP4019512

catalysts and their emf. These forces have a parabolic relationship to each other. This correlation does not depend on the type of semiconductor conductivity. There is also a correlation between the initial values of activity and the emf of samples prepared from the same material but by different thermal methods. There is no correlation between the initial values of activity and emf of samples prepared from different materials. Orig. art. has: 6 figures, 2 formulas, 2 tables.

ASSOCIATION: L'vovskiy Medinstitut (L'vov Medical Institute)

SUBMITTED: 19Apr62

DATE ACQ: 31Mar64

ENCL: 00

SUB CODE: GC

NR REF SOV: 010

OTHER: 000

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EPF(c)/ETT(m)/BDS

Proli Try

ACCESSION NR: AP3001489

\$/0195/63/004/002/0312/0314

AUTHOR: Zhuravlev, V. A.; Kozak, M. I.; Kuzhelyuk, A. A.

51

TITLE: Relation of catalytic activity and the yield of semiconductor catalysts in the process of aging

SOURCE: Kinetika i kataliz, v. 4, no. 2, 1963, 312-314

TOPIC TAGS: catalytic activity, catalytic yield, aging process, Pb sub 20, PbO, CuO, NiO, Ni sub 20 sub 3

ABSTRACT: The investigation of the relation between catalyst activity and the catalyst yield in the process of formation and aging of catalysts indicates that the catalysts used in the investigation can be divided into two groups. The first group includes NiO and Ni sub 2 O sub 3. Their catalytic activity and the yield change symbatically while contact-potential difference changes entibatically. The reverse is observed with Pb sub 2 O, PbO and CuO samples. The observed phenomena can be explained by the electronic theory of catalyst. The type of charge on the surface of catalyst and the indirect change in yield during the adsorption after its immersion in H sub 2 O sub 2 solution and during the drying process was examined. It was found that the adsorbed molecules on the samples

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ACCESSION NR: AP3001489

which show symbatic relationship between the catalytic activity and yield are the donors and the ones which show a libatic relationship are acceptors. The obtained results agree with one of the main electronic deducations in the catalyst theory that there is a correlation between the catalytic activity and the yield. This relation can be either symbatic or antibatic. Orig. art. has: 1 figure and 6 graphs.

ASSOCIATION: L'vovskiy meditsinskiy institut kafedra fiziki (Lvov Medical Institute, Department of Physics)

SUBMITTED: 26Sep61

DATE ACQD: 10Jun63

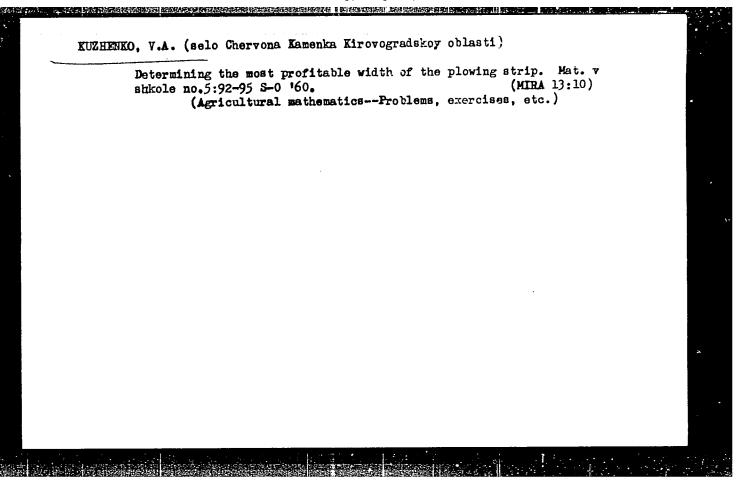
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Card 2/2



Kuzhentseva, A.H				
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	3253 Quantitative determination of bengl. A K and A A Mettaler (f. anal. Chest., USS 7, 1950; C. Two methods of determining benzil are described. (f. with phonois of amount to give a quantitation of defining the state of the s) Condensation de nyliquinexa de process		
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KUZHEPA

POLAND/Organic Chemistry. Synthetic Organic Chemistry.

G

Abs Jour: Ref Zhur-Khimiya, No 21, 1958, 70889.

Author : Tsesl'ak, Kuzhepa, Podlevskaya.

Inst Title : A Synthesis of Chloropromazine and Its Pharmaco-

logical Study.

Orig Pub: Farmac. polska, 1958, 14, No 2, 17-19.

Abstract: For the purpose of a pharmacological study, 3chloro-10-(N, N-dimethylamino propyl)-phenothiazine (I) (largactyl, according to patent data) has been

Sixty-two grams of N-(3-chlorophenyl)-anthranilic acid (Lehmstedt K., Ber., 1937, 70, 833) is heated above its melting point. The 3-chloro-diphenyl amine

: 1/3 Card

37

POLAND/Organic Chemistry. Synthetic Organic Chemistry.

Abs Jour: Ref Zhur-Khimiya, No 21, 1958, 70889.

were isolated, b.p. 135-140°C/0.005 mm, m.p. 53-55°C; the hydrochloride, m.p. 180-181°C, was obtained by the reaction of a 1% HCl solution in ether with a solution of I in absolute alcohol. The hydrochloride of I was named chloropromazine by the authors. Its pharmacological properties were compared with those of the preparation largactyl "Specia".

: 3/3 Card

38

KUZHERSKATA, A.V.

Injury of the anterior chamber of the eye and visual acuity in brucellosis. Vest.oft. 30 no.1:10 Jan-Feb 51. (CLML 20:6)

1. Assistant. 2. Of the Eye Clinic (Director-Honored Worker in Science Prof. P.F. Arkhangel'skiy), Tashkent Medical Institute imeni Y.M.Molotov.

ACC NR. AP7000524 SOURCE CODE: UR/0048/66/030/011/1776/1777

AUTHOR: Kuzhevskiy, B. M.; Salimzibarov, R. B.; Skryabin, N. G.; Shafer, Yu. G.

ORG: Institute of Space Physics Research and Aeronomy, Yakut Branch, Siberian Branch, Academy of Sciences, SSSR (Institut kosmofizicheskikh issledovaniy i aeronomii Yakutskogo filiala Sibirskogo otdeleniya, Akademiya nauk SSSR)

TITLE: Some preliminary results of a study of intensity variations of cosmic rays carried out by the Kosmos-25 satellite/Paper presented at the All-Union Conference on Physics of Cosmic Rays held in Moscow from 15 to November 19657 SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 11,

TOPIC TAGS: cosmic ray, cosmic ray intensity, cosmic ray measurement, cosmic ray particle, who activity, gas discharge counter, initially climbs, suitable counter, meteorologic satellite /Kosmos-25 satellite.

ABSTRACT: The satellite Kosmos-25 was launched on 27 Feb 1964 to study cosmic ray variations. The measuring equipment installed on board the satellite included shielded and unshielded gas-discharge counters, a shielded scintillation-counter array, and an ionization chamber. On the basis of monthly mean values of readings of these devices, several assumptions concerning the relationship between variations in cosmic

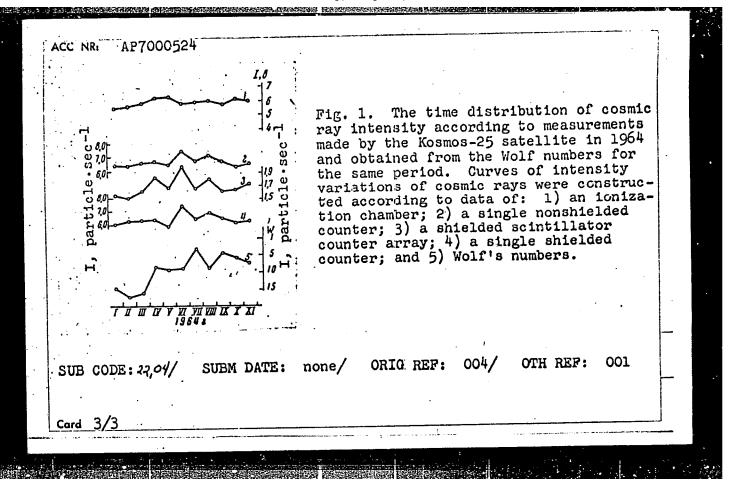
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1966, 1776-1777

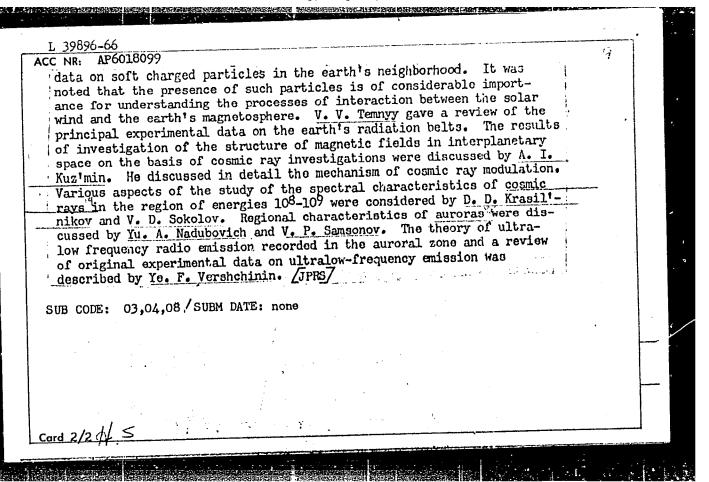
ACC NR: AP7000524

ray intensity and solar activity were made. Instrument readings were taken for the energy threshold $P_0 = 4$ Bev with reference to an altitude of 350 km. The informations obtained from the array and from the shielded and unshielded counters indicate a 30-day lag in the variations in cosmic ray intensity in respect to the variations in solar activity (Fig. 1). The ionization chamber readings characterize the ionizing power of particles more than it does their intensity. Fig. 1 indicates that the chamber readings increase when particle intensity, recorded by the counter, is decreased. In a number of cases additional radiation was recorded by the shielded counter, the effect of which increased during flight of the satellite at low latitudes. The authors assume that this phenomena can be attributed to either the recording of electron-positron pairs developed by γ -quanta, the effect of x-ray on the shield of the counter, or solar x-ray radiation during atmospheric flares. Orig. art. has: 1 figure, 1 table, and 2 formulas. [WA-75][GS]

Card 2/3



<u> 1</u> 39896-66 ENT(1)/ENT(m)/FBD/FCC/T/EWA(h) ACC NR. AP6018099 IJP(c) GN/45-2/GT-2/JT SOURCE CODE: UR/0203/66/006/002/0413/0413 AUTHOR: Osipov, N. K.; Kuzhevskiy, B.M. ORG: none TITLE: Summer school of space physicists in Yakutia SOURCE: Geomagnetizm i aeronomiya, v. 6, no.2, 1966, 413 TOPIC TAGS: solar radio emission, solar wind, radiation belt, cosmic ray, aurora, ABSTRACT: The third summer school of space physicists, organized by the Institute of Space Physics Research and Aeronomy of the Yakutian Affiliate of the Siberian Department AN SSSR, was held on the Lena River during the period 3-10 August 1965. Sixteen reports were presented. A review report, devoted to theories of solar radio emission and the relations between individual types of radio emission and solar geoactivity, was presented by S. A. Kaplan; emphasis was on the mechanisms of generation of type-II and V radio emission bursts. R. Z. Sagdeyev and Yu. A. Kravtsov presented the latest experimental data on the solar wind and processes of flow of the solar wind around the earth's magnetosphere. Sagdeyev described the mechanism of annihilation of the magnetic field in a limited region of the nighttime side of the magnetosphere ("neutral region"). K. I. Gringauz reported new



"APPROVED FOR RELEASE: Monday, July 31, 2000

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6 G12OS-67 EWE(m)/C/EMP(t)/ETL LIP(L) ID

ACC NR: AP6031659

SOURCE CODE: UR/0367/66/004/001/0130/0131

47

AUTHOR: Kuzhevskiy, B. M.

ORG: Institut of Studies of Space Physics and Aeronomy, Siberian Branch AN SSSR (Institut kosmofizicheskikh issledovaniy i aeronomii Sibirskogo otdeleniya AN SSSR)

TITLE: Generation of deuterium nuclei in cosmic rays

SOURCE: Yadernaya fizika, v. 4, no. 1, 1966, 130-131

TOPIC TAGS: deuterium, nucleus, cosmic ray, deuteron energy, fragmentation reaction, nuclear reaction, proton proton interaction

ABSTRACT: A study is made of the role of the p+p+d+n+ reaction in forming deuterium nuclei in cosmic rays. The yield produced by this reaction is comparable to that produced by the fragmentation reaction in the deuteron energy range 150—700 Mev/nucleon. It appears that in this energy range the p+p+d+n+ reaction determines the lower limit of the flux of deuterium nuclei. It is shown furthermore that the increase in the flux of deuterons in cosmic rays in this range of energies should be anomalous. The author thanks S. I. Syrovatskiy for his helpful suggestions and E. Metlyayeva for her assistance in making the computa-

Card 1/2

L 01203-67 ACC NR: AP6031659 tions. Orig. art. has: 5 equations. [Author's abstract]	[SP]
SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 003/ OTH RE	F: 008/
Card 2/2 blg	

1 18776-66 AP6002741 EVT(1)/FCC/EWA(h) GW SOURCE CODE: UR/0056/65/049/006/1950/1956 00 AUTHORS: Kuzhevskiy, B. M.; Syrovatskiy, S. I. ORG: Physics Institute im. P. N. Lebedev, Academy of Sciences SSSR (Fizicheskiy institut Akademii nauk SSSR) TITLE: Dependence of the chemical composition of cosmic rays on the nature of their motion in the galaxy SOURCE: Zhurnal eksperimental noy i teoreticheskoy fiziki, v. 49, no. 6, 1965, 1950-1956 TOPIC TAGS: cosmic ray measurement, galaxy, cosmic radiation composition, chemical composition, helium, deuterium, hydrogen, cosmic ray particle, relativistic particle ABSTRACT: The authors discuss the possibility of determining which model of the propagation of cosmic rays in the galaxy is closer to reality, on the basis of data on the chemical and isotopic composition of the cosmic rays. The two models customarily used in the analysis of cosmic ray propagation, namely the dif.usion and the regular model, Card

L 18776-66

ACC NR: AF6002741

are considered. It is shown that evidence favoring one model or the other can be obtained in the basis of the ratios He³/He³ + He⁴ or D/He⁴ in the cosmic rays. If He³/(He³ + He⁴) > 0.15 or D/He⁴ > 0.1. this would suffice to indicate that the diffusion model is valid, whereas values He³/(He³ + He⁴) < 0.15 or (D/He⁴ < 0.09) would favor the regular model. Practical problems involved in the measurement of the fluxes of He³, He⁴, and D nuclei are discussed, for both relativistic and nonrelativistic energies. The possible compositions of the cosmic rays at the sources are also discussed. Orig. art. has: 1 figure, 5 formulas, and 4 tables.

SUB CODE: 03 SUBM DATE: 07Ju165/ ORIG REF: 002/ OTH REF: 007

Card 2/2 M 9 5

L 1537-66 UR/0000/65/000/000/0513/0513 ACCESSION NR: AT5023632 Shafer, Yu. G.; Kuzhevskiy, AUTHORS: TITLE: Effects of solar and geophysical phenomena in primary radiation, instrumentally recorded by the "Kosmos-19" satellite SOURCE: Vsesoyuznaya konferentsiya po fizike kosmicheskogo prostrenstva. Koscow, 1965. Issledovaniya kosmicheskogo prostranstva (Space research): trudy konferentsii. Moscow, Izd-vo Nauka, 1965, 513 TOPIC TAGS: cosmic ray; cosmic ray measurement, cosmic ray intensity, magnetic storm, satellite, satellite mission analysis ABSTRACT: Results from the processing of cosmic radiation data recorded at 350 to 450 km by the Kosmos-19 satellite between 6 August and 31 December 1963 are presented. No 27-day variation was noted in the intensity of cosmic rays with magnetic rigidity above 3.5 Bev during this period of minimal solar activity. During the intensive magnetic storms of 17-27 November a sharp drop in the counting rate was registered (the same effect was observed at the Rezol'yut groundbased station in Yakutsk). On 12 August the counting rate was noted to increase above the mid-month data. This effect followed the appearance of Card 1/2

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L 1537-66 ACCESSION NR: AT5023632	a a se	D 1
the solar chromospheric flares produced from the satellite. Bernov and N. L. Grigorov (sb. AN SSSR, 1958) shows that in the 3%. The smallness of this income of the particles registered.	"Iskusstvennyye sputniki	Zonli," vyp. 1. 12d-vo
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SUBMITTED: 02Sep65	OTHER: 001	
SUBMITTED: 02Sep65 NO REF SOV: 002		ATD PRESS: 4098

KOVALENKO, M.F., inzh.; KUZHEYEV, V.Yu., inzh.

Using trays in placing tiles on drying carts. Suggested by M.F.Kovalenko, V.IU.Kuzheeva. Rats.i izobr.predl.v stroi. no.11:73-74 '59. (MIRA 13:3)

1. Plitochnyy zavod, stantsiya Losevo, Khar'kovskogo zovnarkhoza. (Kharkov-Tiles)

KUZHIRNYY, A. A.; PODKOVYROV, G. V.; FAYNSHTEYN, E.G.

Dynamos Hydroelectric Power Stations

Protection of hydroelectric generators against increase in voltage. Elek. sta. 23, no. 2, 1952. Cand. Tekh. Sci.

THE REPORT OF THE PROPERTY OF

Monthly List of Russian Accessions, Library of Congress, april 1952. UNCLASSIFIED.

SHEVELO, V.M., KUZHIY, A.I.

Using the asymptetic method in solving equations of the metion of a lead on a partially clastic rope of variable longth. Dep.AN URSR no.6:402-406 154. (MIRA 9:9)

l.Institut matematiki AN URSR, Kiivs'kiy pedagegichniy institut imeni O.M.Ger'kege. Predstaviv diysmiy chlem AN URSR G.M.Savin. (Meticm) (Wire repe)

YESHCHENKO, S.F.; EUZHIY, A.I.

On the time of removing an end load from an immobile base with a mine hoist cable. Dop. AF URSR no.2:126-133 '55. (MIRA 8:11)

1. Institut matematiki Akademii nauk URSR ta Kiivs'kiy pedinstitut imeni Gor'kogo. Predstaviv diyeniy chlen Akademii nauk URSR G.M. Savin

(Elasticity) (Mine hoisting)

KUZHIY, A. I.

Kuzhiy, A. I. -- "On the Asymptotic Pepresentation of Integrals of Ordinary Linear Differential Equations with Slowly Changing Coefficients." Kiev State Pedagogical Instinent A. M. Cor'biy. Chair of Mathematical Analysis. Kiev, 1956. (Dissertation for the Legree of Candidate in Physicomathematical Sciences)

So: Knizhnava Letopis', No. 12, 1956

SAVIN, G.N. SHEVELO, V.N.; KUZHIY, A.I.

Study of longitudinal vibrations in variable-length strings accounting for internal hysteresis-type friction. Prikl.mekh.2 no.2:133-146 '56. (MLRA 9:10)

1.Institut matematiki Akademii nauk URSR. (Vibration)

KUZHMA, A. P.

"A Launch with a Water-Propulsion Motor," Les. prom., No.7, 1955

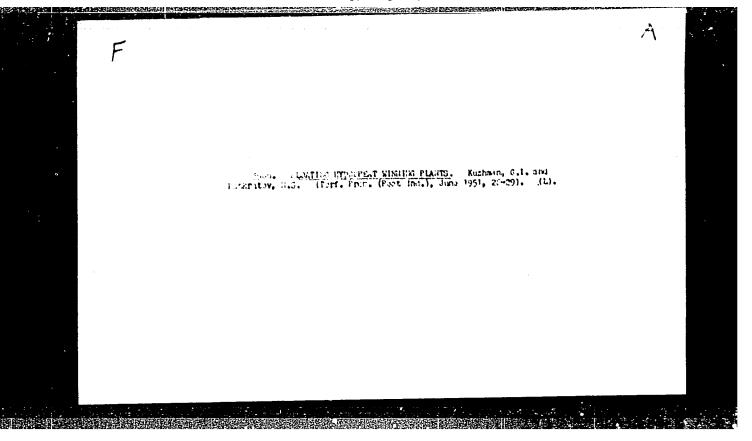
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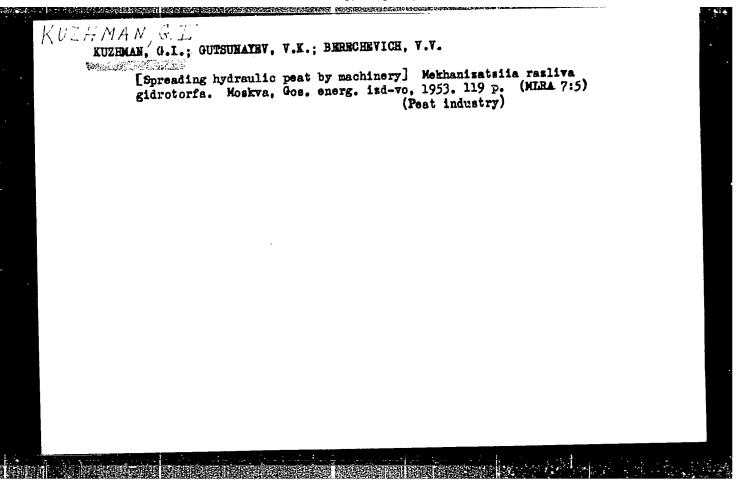
KUZHMAN, G. I., Engisser

"Mechanization of Shifting Pulp-Conveying Pipes in Processing Peat Obtained by Hydraulic Mining." Sub 18 Dec 51, Moscow Peat Inst.

Dissertations presented for science and engineering degrees in Moscow during 1951.

So: Sum. No. 480, 9 May 55





KUZEMAN, G.I., kandidat tekhnicheskikh nauk.

Water absorption by cut peat and the ways of reducing losses from soaking.
Torf. prom. 30 no.5:17-22 My '53. (NIRA 6:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy promayahlennosti. (Peat industry)

KUZHMAN, G. I

24-12-20/24

Volarovich, M.P., Kuzhman, G. I., Makov, I.F. and AUTHORS:

Churayev, N. V. (Moscow).

Use of radioactive isotopes for studying the process of TITLE:

mixing of peat in machines. (Primeneniye radioaktivnykh izotopov dlya izucheniya i rotsessa peremeshivaniya torfa

v mashinakh).

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, 1957, No.12, pp.87-89 (USSR)

ABSTRACT: The change in the degree of dispersion of peat during

its processing can be established by means of sedimentary analysis, as described by some of the authors of this

paper in earlier work (Ref.1). The process of mixing of the peat during its processing, i.e. the redistribution of the particles in the peat volume, leading to a

uniformity of the structure of the peat has so far not been studied at all. Therefore, the authors considered it of interest to use for this purpose radioactive P² in an aqueous solution of Na₂HP 0₄, since the authors

found in earlier work (Ref.2) that this substance adheres

strongly to the peat particles. Specimens weighing

Card 1/2 10 to 30 g were selected from the peat and this solution