"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

USSR/Zooparasitology - Mites and Insects as Disease Vectors. G-3

Abs Jour : Ref Zhur - Biol., No 10, 1958, 43447

Epidemiologically dangerous females were found only among mosquitoes of the second generation in August and September among females who went through 4-6 gonotrophic cycles. The age composition of the mosquitoes in untreated settlements was found to be comparatively low (the average physiological age of the gonoactive female was 1 gonotrophic cycle). Depending on the difference in meteorological conditions in 1953 and 1954, the proportion of epidemiologically dangerous females (on the average in one barn per season) was 9.1% and 3.2%, respectively. In a settlement treated by DDT, with a larger average number of mosquitoes, the number of potentially dangerous females was 1/4 that in the untreated settlements. The treatment was effective despite its late execution and the presence of mosquitoes outside the buildings, as well as despite an adjacent untreated settlement. Times of the possible effective

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APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

USSR/Zooparasitology - Mites and Insects as Disease Vectors. G-3

Abs Jour : Ref Zhur - Biol., No 10, 1958, 43447

infections by mosquitoes under temperature conditions of the summers of 1953 and 1954, as well as the periods of possible malarial infections in the same years, are indicated.
Information on mosquito infectiousness is given.

Card 3/3

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, L.I. (Saratov).

Master feldsher in the distant past. Fel'd. i akush. 24 no.1:33-35 Ja '59 (MIRA 12:1)

(MEDICINE--STUDY AND TEACHING)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, L.G.

Role of various organs in the synthesis of antibodies under the influence on the organism of ionizing radiation. Radiobiologiia 4 no.4:541-543 '64. (MIRA 17:11)

1. Kurskiy meditsinskiy institut, kafedra biokhimii.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

GOLOVINSKIY, O.I., inzh.; PROKOPENKO, L.K., inzh.

Strain transducer for dry DK-10-type paper linen. Vest. elektroprom. 32 no.10:79-80 O '61. (MIRA 14:9)
(Papermaking machinery) (Transducers)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

TERENIN,Dmitriy Fedorovich; PROKOPENKO,L.K inzhener, redaktor;
YUDZON,D.M. tekhnicheskiy redaktor.

[Results of traction and heat engineering tests on series FD locomotives with wide stack steam superheaters] Rezul'taty tiagovo-teplotekhnicheskikh ispytanii parovoza serii FD s shirokotrubnym paroperegrevatelem. Moskva, Gos. transp. zhel-dor. izd-vo, 1955. 125 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 99)
(Locomotives--Testing) (MLRA 8:8)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

DUBOV, L.Ya., inzh.; PROKOPENKO, L.K., inzh.

Experimental study of contactless selsyns in control transformer operation. Vest. elektroprom. 34 no.5:34-36 My '63. (MIRA 16:5)
(Servomechanisms)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

USTINOV, N.P.; PROKOPENKO, L.K.

Efficient dimensions of preset clearances between the leaves of locomotive springs. Trudy MIIT no.110:181-194 '59.
(MIRA 13:4)

(Locomotives--Springs)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

SURZHIN, Sergey Nikolayevich; PROKOPENKO, L.K., inzh.,red.; VERINA, G.P., tekhn.red.

[LV locomotive; operational and design characteristics] Parovoz LV; konstruktivnye osobennosti. Moskva, Gos.transp.zhel-dor. izd-vo, 1958. 239 p. (MIRA 11:12)
(Locomotives)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

S/020/63/148/005/006/029
B112/B186

AUTHOR: Prokopenko, L. N.

TITLE: The uniqueness of the solution to Cauchy's problem for operator-differential equations

PERIODICAL: Akademiya nauk SSSR, Doklady, v. 148, no. 5, 1962, 1030-1033

TEXT: Weak solutions u of the boundary-value problem

$$du/dt = Au \quad (0 < t < T \leqslant \infty), \quad u\big|_{t=0} = 0 \qquad (1)$$

are considered. The closed linear operator A is defined on a domain D_A of a Banach space B, and has to fulfil the following condition: there are constants $\sigma > 0$ and $C > 0$ such that

$$\|Au - zu\| \geqslant Ce^{-\sigma \mathrm{Re}\, z}\|u\| \qquad (2)$$

for $u \in D_A$, and $z = re^{i\varphi} + z_0$, $0 \leqslant r < \infty$, $|\varphi| < \pi/2$. It is demonstrated that the solution of (1) is identically equal to zero on the interval

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

The uniqueness of the solution to ...

$[0, T - \sigma]$ for $\sigma < T < \infty$. This result has been obtained by Yu. I. Lyubich (DAN, 130, No. 5, 969 (1960), UMN, 16, no. 5, 181 (1961)) by another method of demonstration, and under conditions of less generality. Further results are derived for the case of B being a Hilbert space.

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet im. T. G. Shevchenko (Kiyev State University imeni T. G. Shevchenko)

PRESENTED: August 21, 1962, by I. G. Petrovskiy, Academician

SUBMITTED: July 17, 1962

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, L.N.

Uniqueness of the solution to Cauchy's problem for differential operator equations. Dokl. AN SSSR 148 no.5:1030-1033 F '63. (MIRA 16:3)

1. Kiyevskiy gosudarstvennyy universitet im. T.G.Shevchenko. Predstavleno akademikom I.G.Petrovskim.

(Differential equations)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

32446
S/044/61/000/010/010/051
C111/C222

16.3500

AUTHOR: Prokopenko, L.N.

TITLE: The Cauchy problem for an equation of the type of S.L. Sobolev

PERIODICAL: Referativnyy zhurnal. Matematika, no. 10, 1961, 33, abstract 10 B 151. ("Tr. Vses. soveshchaniya po differentsial'n. uravneniyam, 1958", Yerevan, AN Arm SSR, 1960, 138-140)

TEXT: The author considers the Cauchy problem for the equation

$$A\left(x, \frac{\partial}{\partial x}\right) \frac{\partial^m u(x,t)}{\partial t^m} + \sum_{k=0}^{m-1} B_k\left(x,t, \frac{\partial}{\partial x}\right) \frac{\partial^k u(x,t)}{\partial t^k} = 0 \qquad (1)$$

with the initial conditions

$$\left.\frac{\partial^k u}{\partial t^k}\right|_{t=0} = u_k(x), \quad k = 0, \ldots, m-1 \quad , \qquad (2)$$

where $A\left(x, \frac{\partial}{\partial x}\right)$, $B_k\left(x,t, \frac{\partial}{\partial x}\right)$ are linear differential operators of

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

The Cauchy problem for an equation ...

the orders 2α and $\beta_k \leq 2\alpha$ in the whole N-dimensional space E_N :

$$Au = \sum_{|\tau| \leq 2\alpha} a_\tau(x) D^\tau u \ , \quad B_k u = \sum_{|\tau| \leq \beta_k} b_\tau^{(k)}(x,t) D^\tau u \ ,$$

$$x = (x_1, \ldots, x_N) \in E_N \ , \quad 0 \leq t \leq T \leq \infty$$

$$\tau = (\tau_1, \ldots, \tau_N) \ , \quad |\tau| = \tau_1 + \ldots + \tau_N \ ;$$

$$D^\tau = \frac{\partial^{|\tau|}}{\partial x_1^{\tau_1}, \ldots, \partial x_N^{\tau_N}} \ .$$

Let the following be satisfied :

a) Coefficients of the operators A and B_k have continuous derivatives with respect to x up to the order $n + |\tau|$ inclusively , $n = 0, 1, \ldots$, where these derivatives for B_k are uniformly continuous with respect to $t \in [0,T]$.

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APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

b) The operator A is uniformly elliptic, i.e. there exists a constant $c>0$ so that for arbitrary real $\xi_1,\dots,\xi_N$ it holds

$$\sum_{|\tau|=2\alpha} a_\tau(x)\xi^\tau \geq c\left\{\sum_{j=1}^{N}\xi_j^2\right\}^\alpha ;$$

c) There exist a continuous function $p(x)>0$ and a constant $c'>0$ so that for every $v\in C_o^\infty$ it holds

$$\|Av\|_{L_2(E_N)} \geq \|pv\|_{L_p(E_N)} , \quad \|A^+v\| \geq \|pv\|_{L_p(E_N)} ,$$

$$\|B_k^+(t)v\|_{L_p(E_N)} \leq c'\|A^+v\|_{L_p(E_N)} ,$$

A^+, B_k^+ are operators being formally adjoint to A and B_k.

d) The initial conditions $u_o(x),\dots,u_{m-1}(x)$ have generalized (in the

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

The Cauchy problem for an equation ... S/044/61/000/010/010/05' C111/C222

sense of S.L. Sobolev) derivatives up to the n-th order inclusively ; these derivatives are locally summable in the square, where $u_k \in L_2(E_N)$. It is asserted that under the above assumptions the existence and uniqueness of a generalized solution $u(x,t)$ of the problem (1)-(2) can be proved. The given results are a generalization of the earlier ones. (R Zh Mat, 1960, 7632).

[Abstracter's note : Complete translation.]

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APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, L.N. (Kiyev)

Inequalities for the Laplace operator in an unbounded region. Ukr. mat. zhur. 12:479-484 '60. (MIRA 14:3)
(Operators(Mathematics))

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

AUTHOR: Prokopenko, L.N. SOV/20-122-6- 9/49

TITLE: Cauchy's Problem for an Equation of the Type of S.L.Sobolev (Zadacha Koshi dlya uravneniya tipa S.L.Soboleva)

PERIODICAL: Doklady Akademii nauk,SSSR,1958,Vol 122,Nr 6,pp 990-993 (USSR)

ABSTRACT: In the Hilbert space the author considers the Cauchy problem

$$(1)\quad \frac{d^m}{dt^m} Au + \sum_{k=0}^{m-1} B_k t \frac{d^k}{dt^k} u = f(t)$$

$$(2)\quad \left.\frac{d^k u}{dt^k}\right|_{t=0} = u_k \qquad (k = 0,1,\ldots,m-1)$$

where the boundedness of A^{-1} is not demanded. The principal aim of the paper is the determination of those operators B_k for which (1) is solvable for given A. Under certain assumptions the uniqueness and existence of the solution of (1) - (2) is proved. Furthermore the solution is stable in a certain sense. There are 6 Soviet references.

Card 1/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

SOV/20-122-6-9/49

Cauchy's Problem for an Equation of the Type of S.L.Sobolev

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet imeni T.G. Shevchenko (Kiyev State University imeni T.G. Shevchenko)

PRESENTED: June 7, 1958, by S.L. Sobolev, Academician

SUBMITTED: June 6, 1958

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, L.N.

Cauthy's problem for second-order paragolic equations with increasing coefficients. Dokl. AN SSSR. 144 no.6:1221-1224 Je '62. (MIRA 15:6)

1. Kiyevskiy gosudarstvennyy universitet. Predstavleno akad. S.L.Sobolevym.
(Differential equations)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

S/020/62/144/006/002/015
B112/B104

16.3500

AUTHOR: Prokopenko, L. N.

TITLE: Cauchy's problem for parabolic equations of the second order with increasing coefficients

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 144, no. 6, 1962, 1221-1224

TEXT: Classes of uniqueness and existence are considered for the solution of the problem

$$\frac{\partial u}{\partial t} = \sum_{i,j=1}^{N} a_{ij}(x,t) D_i D_j u + \sum_{k=1}^{N} b_k(x,t) D_k u + c(x,t) u; \quad (1)$$

$$u|_{t=0} = u_0(x) \quad (2)$$

$(0 \leqslant t \leqslant T \leqslant \infty; \quad x = (x_1, \ldots, x_N) \in E_N; \quad D_i = \frac{\partial}{\partial x_i}; \quad \sum a_{ij}(x,t)\xi_i\xi_j \geqslant$

$\geqslant a(x,t)\sum \xi_k^2; \; a(x,t) > 0).$

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APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

An operator method is applied, which is analogous to those used for studying mixed problems for Eq. (1) (cf. M. I. Vishik, O. A. Ladyzhenskaya, UMN, 11, 6(72) (1956), O. A. Ladyzhenskaya, Matem. sborn., 45, No. 2 (1958)).

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet (Kiyev State University)

PRESENTED: February 5, 1962, by S. L. Sobolev, Academician

SUBMITTED: January 13, 1962

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

88309

S/041/60/012/004/010/011
C111/C222

16.4600

AUTHOR: Prokopenko, L.N.

TITLE: Inequalities for the Laplace Operator in an Unbounded Region

PERIODICAL: Ukrainskiy matematicheskiy zhurnal, 1960, Vol. 12, No. 4, pp. 479 - 484

TEXT: Let Ω be an arbitrary region of the R_n, $n>2$, with a sufficiently smooth boundary Γ^*, let $L = L(\Omega)$ be the set of functions two times continuously differentiable in Ω which vanish on Γ. Let

$\Delta = \sum \frac{\partial^2}{\partial x_j^2}$ be the Laplace operator.

Theorem 1 : Let $k>4-n$, $m<n-4$, $k-m\geq 4$. For every $u\in L$ it holds

(3) $$\int_\Omega (1+r)^m u^2 dx \leq C(\Omega,k,m) \int_\Omega (1+r)^k (\Delta u)^2 dx .$$

Conclusion : Let $H_1 = H_1(\Omega)$ be the Hilbert space of the functions

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

88309

S/041/60/012/004/010/011
C111/C222

Inequalities for the Laplace Operator in an Unbounded Region

$\{u(x), x \in \Omega\}$ with $\int_\Omega (1+r)^l |u(x)|^2 dx < \infty$; let $\|u\|_l^2 = \int_\Omega (1+r)^l |u|^2 dx$ and $4 - n < l < n$. For every $h \in H_l$ the problem

(12) $\Delta v = h$,

(13) $v|_\Gamma = 0$

is solvable in H_{l-4} in the following sense: $v \in H_{l-4}$ satisfies (12) as a generalized function and the boundary condition (13) in the mean.

Theorem 2 : Let $\Omega = R_n$, $n > 2$, $4 - n < l < n$. For every $h \in H_l$ there exists a unique (generalized) solution of (12) which belongs to H_{l-4} .

Theorem 3 : Let $\Omega = R_n$ and let (3) be satisfied for every $u \in L$. Then m and k satisfy the conditions : $k > 4 - n$, $k - m \geq 4$.

The author mentions P.D. Laks. There are 2 references : 1 Soviet and 1 German.

SUBMITTED: September 21, 1959

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

DUMANSKIY, I.A.; KHAYLENKO, L.V.; PROKOPENKO, L.V.

Viscosity of molten capron. Koll.zhur. 25 no.6:646-648 N-D '63.
(MIRA 17:1)

1. Institut khimii polimerov i monomerov, Kiyev.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, M. G., Cand Agric Sci (diss) -- "Methods of improving the agrotechnical indexes of combines on slopes, on the example of their operation in the piedmont regions of the Crimea". Simferopol', 1960. 20 pp (Min Agric Ukr SSR, Crimean Agric Inst im M. I. Kalinin), 150 copies (KL, No 11, 1960, 136)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOFENKO, M. G.

PROKOFENKO, M. G.: "Investigation of the operation of grain-harvesting combines in the Crimean piedmont." Min Agriculture. All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Sci Res Inst of the Mechanization of Agriculture (VIM). Moscow, 1956. (Dissertations for the Degree of Candidate in Technical Sciences).

SO: Knizhnaya letopis' No. 23, 1956

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

KAYNARSKIY, I.S.; ORLOVA, I.G.; PROKOPENKO, M.I.; SOKHNA, G.Ye.; YEVDOKIMOV, Yu.P.

Testing of zircon dinas bricks in the arches of steel-smelting arc furnaces. Ogneupory 27 no.2:77-80 '62. (MIRA 15:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov (for Kaynarskiy, Orlova, Prokopenko). 2. Khar'kovskiy traktornyy zavod im. Ordzhonikidze (for Sokha, Yevdokimov).
(Firebrick--Testing) (Electric furnaces)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

KAYNARSKIY, I.S.; ORLOVA, I.G.; PROKOPENKO, M.I.

Connection between losses during the calcining of alumina and the strength of raw brick during heating. Ogneupory 30 no.10:37-39 '65. (MIRA 18:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

KAYNARSKIY, I.S.; ORLOVA, I.G.; PROKOPENKO, M.I.; NATSENKO, A.I.

Hardening of a raw corundum brick during firing. Ogneupory 30 no.12:28-33 '65. (MIRA 18:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

L 59371-65 EWP(e)/EPA(s)-2/EWT(m)/EWP(t)/EPA(w)-2/EWP(b) Pab-10/Pt-7 WH

ACCESSION NR: AP5016599 UR/0363/65/001/005/0804/0809
666.3:539.4

37
35

AUTHOR: Orlova, I. G.; Kaynarskiy, I. S.; Prokopenko, M. I.

TITLE: Effect of modifiers on the strength of corundum ceramics

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 5, 1965, 804-809

TOPIC TAGS: corundum ceramic, ceramic additive, ceramic strength, oxide modifier, talc, magnesia spinel, corundum porosity

ABSTRACT: Samples of ceramics (98.9-99.8% Al_2O_3) to which various modifiers were added (magnesium, zirconium and aluminum titanates; titanium and zirconium oxide; talc) were prepared by slip casting in gypsum plaster molds and firing for 6 hr. at 1750C. It was shown that the strength of the polycrystalline ceramics increases upon addition of magnesium-containing modifiers which, by reacting with Al_2O_3 during the firing, form a magnesia spinel. However, the

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of silica-rich magnesium-containing [illegible]

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ACCESSION NR: AP5016599

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porosity. It is concluded that the strength of corundum ceramics with magnesium-containing additives is promoted by fine crystallization of corundum, caused by the crystal-growth-retarding effect of the forming spinel, and that this strength is adversely affected by the separation of silica, which prevents the ceramic from becoming sufficiently dense. A relationship between the bending strength of corundum ceramics having no open porosity (with a density 95-97% of theoretical) and the average size of the corundum crystals was derived. "The petrographic studies were carried out by Prof. L. I. Karyakin." Orig. art. has: 6 figures, 5 formulas and 5 tables.

ASSOCIATION: Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov, Khar'kov (Ukrainian Scientific Research Institute of Refractories)

SUBMITTED: 30Oct64 ENCL: 00 SUB CODE: MT

NO REF SOV: 009 OTHER: 004

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

Card 2/2 SOP

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

MAKHIN'KO, Vladimir Ivanovich,; SILIN, O.P.,dots., otv. red.; PROKOPENKO, M.I.,red.; CHERNYSHENKO, Ya.T., tekhn. red.

[Subject and problems of the physiology of higher nervous activity; an introduction to a course in the physiology of higher nervous activity] Predmet i zadachi fiziologii vysshei nervnoi deiatel'nosti; vvedenie k kursu fiziologii vysshei nervnoi deiatel'nosti. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M.Gor'kogo, 1958. 91 p. (MIRA 11:12)
(NERVOUS SYSTEM)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

RADCHENKO, Ivan Vasil'yevich; GURTOVYY, M.Ye. [Hurtovyi, M.IE.], otv. red.; PROKOPENKO, M.I., red.; TROKHIMENKO, A.S., tekhn.red.

[Molecular physics] Molekuliarna fizyka. Vyd.3., perer. i dop. Kharkiv, Vyd-vo Kharkivs'kogo derzh.univ., 1959. 538 p.
(Molecules) (MIRA 13:8)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

POGORELOV, Aleksey Vasil'yevich; BLANK, Ya.P., prof., otv. red.; PROKOPENKO, M.I., red.; CHERNYSHENKO, Ya.T., tekhn. red.

[Lectures on differential geometry] Lektsii po differentsial'noi geometrii. Izd.3. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M.Gor'kogo, 1961. 165 p. (MIRA 15:2)
(Geometry, Differential)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

TANATAR, Iosif Isaakovich, prof.; BELEVTSEV, Ya.N., otv.red.; PROKOPENKO, M.I., red.; TROFIMENKO, A.S., tekhn.red.

[Principles of the theory of ore deposits] Osnovy ucheniia o rudnykh mestorozhdeniiakh. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M.Gor'kogo, 1959. 291 p. (MIRA 13:4)

1. Chlen-korrespondent AN USSR (for Belevtsev).
(Ore deposits)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

Prokopenko, M.I.

COUNTRY	:	USSR
CATEGORY	:	Cultivated Plants. General Problems. M
ABS. JOUR.	:	RZhBiol., No. 3, 1957, No. 10859
AUTHOR	:	Lavrenko, A. T., Sova, M. S., Oleynik, K. I., Zhmaylo,*)
INST.	:	Odessa Agricultural Institute.
TITLE	:	Reports on Production Experiments (in a Number of Kolkhozes of Odessa, Zaporozhskaya, Nikolayevskaya, Kirovogradskaya, Zakarpatskaya and Cherkasskaya Oblasts).
ORIG. PUB.	:	Tr. Odessk. s.-kh. in-ta, 1953, 13, 137-145.
ABSTRACT	:	No abstract.

*) P. I., Kryuk, L. A., Berdnik, I. V., Osak, V. P., Prokopenko, M. I., Dmitrenko, Ye. A.

CARD: 1/1

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

KUCHER, Aleksandr Yemel'yanovich [Kucher, O.O.]; ASTAKHOV, V.I., dotsent, kand.istoricheskikh nauk, otv.red.; PROKOPENKO, M.I., red.; TROKHIMENKO, A.S., tekhred.

[Struggle of Ukrainian workers for the reconstruction of heavy industry after the civil war] Borot'ba robitnykiv Ukrainy za vidbudovu vazhkoi promyslovosti pislia hromadians'koi viiny. Kharkiv, Vyd-vo Kharkivs'koho derzh.univ. im. O.M.Hor'koho, 162 p. (MIRA 13:6)

(Ukraine--Industries)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

ABRAMOV, Boris Meyerovich; KOSTYUK, D.I., dotsent, otv.red.; PROKOPENKO, M.I., red.; NIKULINA, N.I., tekhn.red.

[Dynamics of link mechanisms with consideration of friction] Dinamika sharnirnykh mekhanizmov s uchetom treniia. Khar'kov, Izd-vo Khar'kovskogo gos.univ., 1960. 148 p.
(MIRA 13:12)

(Machinery, Kinematics of)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOP'YEVA, M.F.; BUKINA, V.K.

Determination of the solubility of chlorine and nitrosyl chloride in some hydrocarbons by gas-liquid chromatography. Uzb.khim.zhur. 8 no.1:40-43 '64. (MIRA 17:4)

1. Institut khimii AN UzSSR.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

KLEYTMAN, Samuil Lazarevich; LAGUNOV, Lazar' Yakovlevich; RESHETNIKOV, B.V., dotsent, otv.red.; PROKOPENKO, M.I., red.; TSYMBALO, B.D., tekhn.red.

[Maintenance and repair of motor vehicles in automotive transportation units] Tekhnicheskoe obsluzhivanie i remont avtomobilei v avtokhoziaistvakh. Izd.2., perer. i dop. Khar'kov, Izd-vo Khar'kovskogo gos.univ.im. A.M.Gor'kogo, 1959. 514 p. (MIRA 13:3)
(Motor vehicles--Maintenance and repair)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

To Prokopenko, M. L.

BULANKIN, Ivan Nikolayevich, prof.; MAKHIN'KO, V.I., dotsent, otv.red.; PROKOPENKO, M.I., red.; CHERNYSHENKO, Ya.T., tekhn.red.

[Physical and colloidal chemistry; course of lectures for biologists] Fizicheskaia i kolloidnaia khimiia; kurs lektsii dlia biologov. Izd.2., ispr. i dop. Khar'kov, Izd-vo Khar'kovskogo ordena Trudovogo krasnogo znameni gos.univ. im. A.M. Gor'kogo, 1959. 355 p. (MIRA 12:9)
(Chemistry, Physical and theoretical) (Colloids)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

MARCHEVSKIY, Mikhail Nikolayevich, prof.; DRINFEL'D, G.I., prof., otv.red.; PROKOPENKO, M.I., red.; CHERNYSHENKO, Ya.T., tekhn.red.

[Theory of numbers; brief course] Teoriia chisel; kratkii kurs. Khar'kov, Izd-vo Khar'kovskogo gos.univ., 1958. 143 p. (MIRA 12:4)
(Numbers, Theory of)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

BURDUN, Grigoriy Dmitriyevich, prof.; VALITOV, Rafkat Amirkhanovich,; BRYANSKIY, Lev Nikolayevich,; KUKUSH, Vitaliy Dmitriyevich,; PRONENKO, Vitaliy Ivanovich,; PROKOPENKO, M.I., red.; CHERNYSHENKO, Ya.T., tekhn. red.

[Millimeter radio wave measurements] Radio izmereniia na millimetrovykh volnakh. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M. Gor'kogo, 1958. 121 p. (MIRA 11:12)

(Radio measurements)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

ARTEMOV, Vladimir Alekseyevich, prof.; BELYAYEV, K.I., otv. red.; PROKOPENKO, M.I., red.; CHERNYSHENKO, Ya.T., tekhred.

[Course of lectures on psychology] Kurs lektsii po psikhologii. Izd. 2., dop. i perer. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1958. 420 p. (MIRA 12:2)

1. Zaveduyushchiy kafedroy psikhologii, nauchnyy rukovoditel' Laboratorii eksperimental'noy fonetiki i psikhologii rechi 1-go Moskovskogo gosudarstvennogo instituta inostrannykh yazykov Ministerstva vysshego obrazovaniya SSSR (for Artemov).
(Psychology)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO M.I

POGORELOV, Aleksey Vasil'yevich; BLANK, Ya.P., prof., otvetstvennyy red.; PROKOPENKO, M.I., red.; TROFIMENKO, A.S., tekhn.red.

[Problems of geometry as a whole in a Riemann space] Nekotorye voprosy geometrii v tselom v rimanovom prostranstve. Khar'kov, Izd-vo Khar'kovskogo ordena trudovogo krasnogo znameni gos.univ. im. A.M.Gor'kogo, 1957. 89 p. (MIRA 11:4)
(Riemann surfaces)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, M.I.

POGORELOV, Aleksey Vasil'yevich; BLANK, Ya.P., prof., otvetstvennyy red.; PROKOPENKO, M.I., red.; TROFIMENKO, A.S., tekhn.red.

[Lectures on analytic geometry] Lektsii po analiticheskoi geometrii. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M.Gor'kogo, 1957. 161 p. (MIRA 11:5)

(Geometry, Analytic)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

BULANKIN, I.N., professor; MAKHIN'KO, V.I., dotsent, otvetstvennyy redaktor; PROKOPENKO, M.I., redaktor; CHERNYSHENKO, Ya.T., tekhnicheskiy redaktor

[Physical and colloidal chemistry; a course of lectures for biologists] Fizicheskaia i kolloidnaia khimiia; kurs lektsii dlia biologov. Khar'kov, Izd-vo Khar'kovskogo gos.univ.im. A.M.Gor'kogo, 1957. 347 p. (MLRA 10:9)

(Chemistry, Physical and theoretical)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

POGORELOV, Aleksey Vasil'yevich; BLANK, Ya.P., professor, otvetstvennyy redaktor; PROKOPENKO, M.I., redaktor; CHERNYSHENKO, Ya.T., tekhnicheskiy redaktor

[Lectures on differential geometry] Lektsii po differentsial'noi geometrii. Izd. 2-oe. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M.Gor'kogo, 1956. 183 p. (MIRA 10:7)
(Geometry, Differential)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

KLEYTMAN, Samuil Lazarevich; LAGUNOV, Lazar' Yakovlevich; RESHETNIKOV, B.V., dotsent, otvetstvennyy redaktor; PROKOPENKO, M.I., redaktor; CHERNYSHENKO, Ya.T., tekhnicheskiy redaktor

[Maintenance and repair of automobiles in automobile depots] Tekhnicheskoe obsluzhivanie i remont avtomobilei v avtokhoziaistvakh. Khar'kov, Izd-vo Khar'kovskogo ordena trudovogo krasnogo znameni gos. univ. im. A.M.Gor'kogo, 1956. 303 p. (MLRA 10:3)
(Automobiles--Repairing)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

ORLOVA, I.G.; KAYNARSKIY, I.S.; PROKOPENKO, M.I.

Effect of modifying additions on the strength of corundum ceramics. Izv. AN SSSR. Neorg. mat. 1 no.5:804-809 My '65. (MIRA 18:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov, Khar'kov.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

L 07910-67 EWP(e)/EWT(m) WW

ACC NR: AP6032295 (A) SOURCE CODE: UR/0226/66/000/009/0028/0036 33 B

AUTHOR: Kaynarskiy, I. S.; Prokopenko, M. I.; Orlova, I. G.

ORG: Ukrainian Scientific Research Institute of Refractories (Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov)

TITLE: Investigation of compaction in hot pressing of magnesium oxide with additions

SOURCE: Poroshkovaya metallurgiya, no. 9, 1966, 28-36

TOPIC TAGS: magnesium oxide, porosity, high temperature effect, compaction, pressing, not pressing

ABSTRACT: The authors have investigated the compaction of two types of magnesium oxide in the presence of some additives in hot pressing of samples at temperatures between 1400 and 1900C. It is shown that the compaction kinetics and the kinetics of growth of the poreless "crust" in periclase crystals are proportional to $t^{\frac{1}{3}}$ during the last stages of pressing when any intergranular porosity is eliminated. The diffusion mechanism of compaction during the last stage of hot

Card 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

L 07910-67

ACC NR: AP6032295

pressing of magnesium oxide was demonstrated. Orig. art. has: 7 figures and 2 tables. [Based on authors' abstract]

SUB CODE: 11/ SUBM DATE: 07Feb66/ ORIG REF: 014/ OTH REF: 009/

Card 2/2 vmb

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N., inzhener; SERDYUK, A., inzhener.

New method of laying rail tracks. Mast.ugl.5 no.12:6-7 D '56.
(Mine railroads) (MLRA 10:2)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N., inzhener.

Results of testing large-size blocks with chimney flues. Pozh. delo 3 No.6:31 Je '57. (MLRA 10:7)
(Concrete blocks)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

BUSHEV, V., inzh.; PROKOPENKO, N., inzh.

Mounted panel walls. Pozh.delo 8 no.3:8-10 Mr '62. (MIRA 15:4)
(Fire prevention--Laws and regulations) (Walls)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N.

Children - Institutional Care

Factory sponsoring children's home. V pom. profaktivu 13, No. 4., 1952.

Monthly List of Russian Accessions, Library of Congress, March 1952. Unclassified.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

KRYZHKO, I.; PROKOPENKO, N.

Practice in using auxiliary workers norms in Donets Basin coal mines. Biul.nauch.inform.: trud i zar.plata 3 no.5:19-21 '60. (MIRA 13:8)

(Donets Basin--Coal mines and mining--Labor productivity)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

DENISENKO, A.; PROKOPENKO, N.; SAY, V.

Working-out unified comprehensive output norms for development mining. Biul.nauch.inform.: trud i zar.plata 5 no.8:34-37 '62. (MIRA 15:7)
(Donets Basin--Coal mines and mining--Production standards)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N.; KRYZHKO, I.

Unifying and consolidating comprehensive norms for mining. Sots. trud 7 no.3:90-96 Mr '62. (MIRA 15:3)
(Donets Basin--Coal mines and mining--Production standards)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N., inzh.

Horizontal furnace partitions. Pozh.delo 8 no.1:16 Ja '62.
(MIRA 15:1)

(Furnaces--Safety measures)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

DENISENKO, A.; PROKOPENKO, N.; SAY, V.

Methodology for establishing norms for the number of workers in miners' brigades and norms for the rate of development mining. Biul. nauch. inform.: trud i zar. platá 5 no.2:32-36 '62. (MIRA 15:2)
(Donets Basin--Coal mines and mining)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N.

Job description of an organizational operation in the clothing industry. Sots.trud 7 no.4:128-129 Ap '62. (MIRA 16:1)

1. Nachal'nik planovo-proizvodstvennogo otdela Armavirskoy shveynoy fabriki.
(Armavir--Clothing industry--Job descriptions)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

1. PROKOPENKO, N.

2. USSR (600)

4. Factories - Safety Appliances

7. Through the halls of the Museum of Labor Safeguards, V pom. profaktivu 14 no. 9, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N.; KRYZHKO, I.; GOLUBOV, N.

Chronometric groups attached to departments of labor organization. Sots.trud 5 no.8:118-120 Ag '60. (MIRA 13:11)

1. Nachal'nik sektora tekhnicheskogo normirovaniya i zarabotnoy platy Donetskogo nauchno-issledovatel'skogo ugol'nogo instituta (for Prokopenko). 2. Rukovoditel' gruppy sektora tekhnicheskogo normirovaniya i zarabotnoy platy Donetskogo nauchno-issledovatel'skogo ugol'nogo instuta (for Kryzhko). 3. Nachal'nik khronometrazhnogo byuro tresta "Sverdlovugol'" kombinata "Donbassantratsit" (for Golubov).

(Sverdlovsk Province--Coal mines and mining)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N.

Wages for assembly-line work in a clothing factory. Sots.trud 5 no.8:122-123 Ag '60. (MIRA 13:11)

1. Nachal'nik planovo-ekonomicheskogo otdela Armavirskoy shveynoy fabriki.

(Armavir--Clothing industry)
(Wages)
(Assembly-line methods)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N., inzh.

Fire-testing of a large-panel apartment house section. Pozh. delo 6 no. 11:10-11 N '60. (MIRA 13:12)
(Fire-Testing) (Apartment houses)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

DEMENT'YEVA, M.I.; PROKOPENKO, N.A.

Analysis of the products of synthesis of 3,3-di(chloromethyl) oxacyclobutane by the method of gas-liquid chromatography. Zav.lab. 30 no.4:415-416 '64. (MIPA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N.A.; LYLOVA, L.N.

Latest in the arsenic-soda process of sulfur removal from gas.
Koks i khim. no. 3:52-54 '61. (MIRA 14:4)

1. Moskovskiy koksogazovyy zavod.
(Moscow—Coke-oven gas) (Gases—Purification)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N.A.

About M.M.Dmitriev's article. "Terminology of the coke chemicals industry." Koks i khim. no.4:63 '61. (MIRA 14:3)

1. Moskovskiy koksogazovyy zavod.
(Dimitriev, M.M.) (Coke industry—By-products)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

DEMENT'YEVA, M.I.; NAUMOVA, T.I.; [illegible]

Using chromatographic analysis in the process of obtaining isobutylene. Neftekhimiia 2 no.6:952-956 N-D '62. (MIRA 17:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N.D.; DENISENKO, A.M.; MIKHAL'SKIY, S.Z.; KRYZHKO, I.D.; KACHKO, Yu.Ya.; VYGOLKO, F.Ye.

Unification and strengthening of integrated mining norms in development mining operations. Sbor. DonUGI no.28:181-208 '62. (MIRA 16:8)

(Coal mines and mining—Management)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

RUBINSKIY, Yu.M., dotsent; PROKOPENKO, N.D., inzh.

Means and improvement of technical standardization in the coal industry. Izv. vys. ucheb. zav.; gor. zhur. no.3:39-43 '60. (MIRA 14:5)

1. Dnepropetrovskiy gornyy institut (for Rubinskiy). 2. Donetskiy nauchno-issledovatel'skiy ugol'nyy institut (for Prokopenko).
(Coal mines and mining--Production standards)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N.D., inzh.; KACHKO, Yu.Ya., inzh.; DENISENKO, A.M., inzh.

Potenitals for increasing the labor productivity in mines. Ugol'. prom. no.4:11-13 Jl.-Ag '62. (MIRA 15:8)
(Coal mines and mining)

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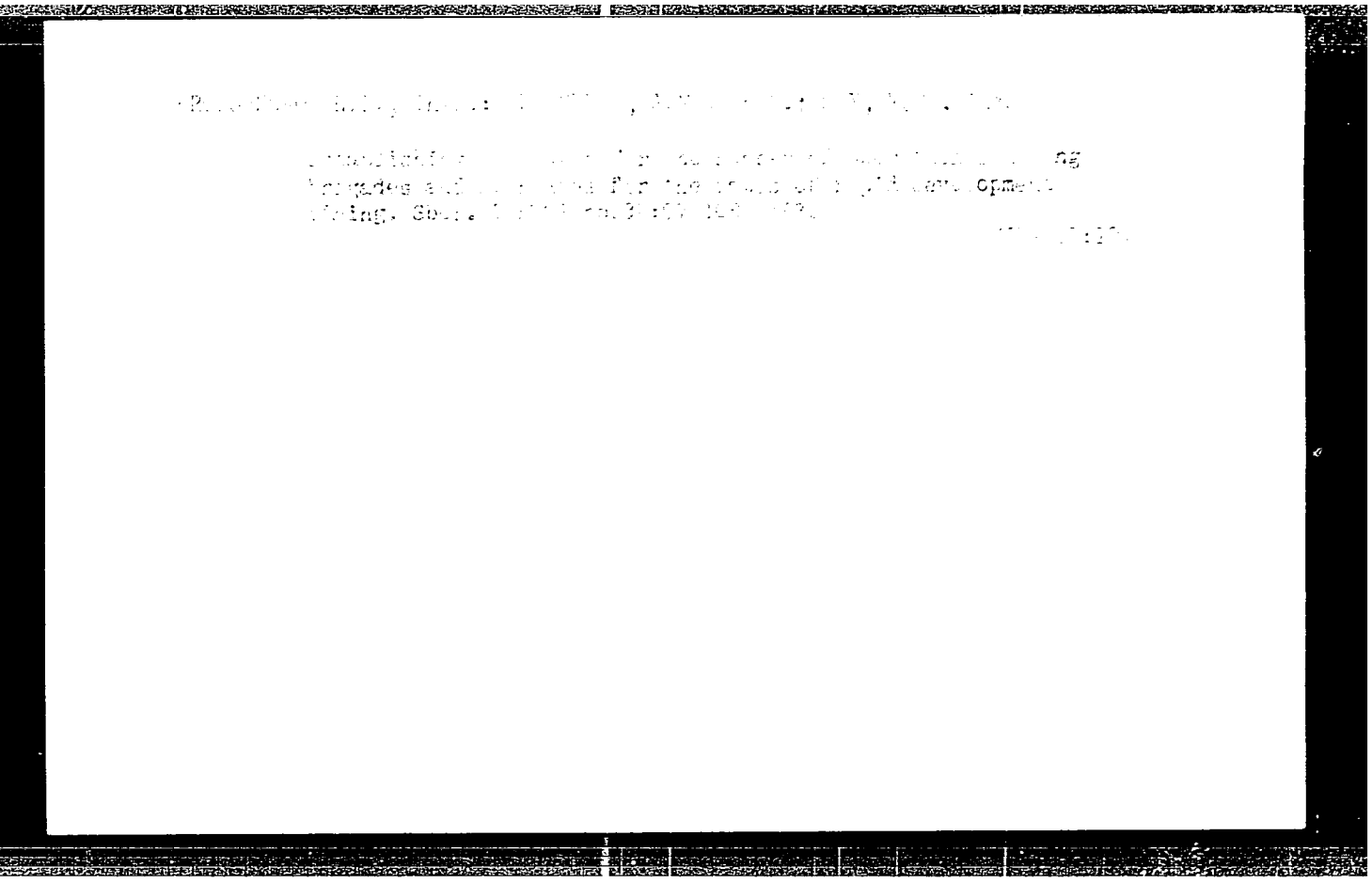
"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2



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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOFENKO, N.D., inzh.; SAY, V.T., inzh.

Analysis of the reasons for losses of working time in Donetsk Province mines. Sbor. DonUGI no.32:142-156 '63. (MIRA 17:1[illegible]

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N.D., inzh.; KRYZHKO, I.D., inzh.

Calculation and control of the carrying out of mining standards in the coal industry. Sbor. DonUCI no.32:230-235 '63.

Simplified method of processing the results of time study observations. Ibid.:235-246

(MIRA 17:10)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

RUBINSKIY, Yu.M., dotsent, kand.ekonom.nauk; VOROB'YEVA, A.I., starshiy nauchnyy sotrudnik; PROKOPENKO, N.D., starshiy nauchnyy sotrudnik; DULIN, G.V., starshiy nauchnyy sotrudnik; KRYZHKO, I.D., starshiy nauchnyy sotrudnik. Prinimali uchastiye: KACHKO, Yu.Ya., mladshiy nauchnyy sotrudnik; FILIMONOVA, V.F., mladshiy nauchnyy sotrudnik; YAKIMENKO, G.S., mladshiy nauchnyy sotrudnik; VEREMEY, Ye.N., starshiy prepodavatel'; SLUNITSYN, D.I., student. MIROSHNICHENKO, V.D., red.izd-va; KOROVENKOVA, Z.A., tekhn.red.

[Time study research in coal mines] Khronometrazhnye issledovaniia na ugol'nykh shakhtakh. Moskva, Ugletekhizdat, 1959. 278 p. (MIRA 13:9)

1. Dnepropetrovsk. Dnepropetrovskiy gornyy institut. 2. Dnepropetrovskiy gornyy institut (for Rubinskiy, Kachko, Filimonova, Veremey). 3. Donetskiy nauchno-issledovatel'skiy ugol'nyy institut (for Vorob'yeva, Prokopenko, Dulin, Kryzhko, Yakimenko). 4. 5-y kurs gorno-ekonomicheskoy spetsial'nosti Dnepropetrovskogo gornogo instituta im. Artema (for Slunitsyn).
(Time study) (Coal mines and mining--Production standards)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, Nikolay Dmitriyevich; KORCHAGIN, N.V., otv. red.

[Principles of planning work norms for mining work using calculating machines] Osnovy proektirovaniia norm truda na gornye raboty s primeneniem schetno-reshaiushchikh mashin. Moskva, Nedra, 1965. 128 p. (MIRA 18:11)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

LEYCHIK, V.Ya., inzh.; PROKOPENKO, N.F.; SHLAFER, I.M.

Equipping standard batchers with pneumatic pickups. Mekh.i avtom.proizv. 15 no.8:43-45 Ag '61. (MIRA 14:9)
(Pneumatic control)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N.I. (Armavir)

Improve planning in the clothing industry. Shvein. prom. no.3:14-15 Je-Jl [i.e. My-Je] '61. (MIRA 16:11)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, Nikolay Il'ich; SHEVTSOV, N.S., prof., otv. red.; KOLCHENKO, N.I., red.; LAZAREVA, L.V., tekhn. red.

[CPSU in the struggle for preparing the mass collective-farm movement, 1927-1929] KPSS v bor'be za podgotovku massovogo kolkhoznogo dvizheniia, 1927-1929 gg. Moskva, Izd-vo Mosk. univ., 1961. 182 p. (MIRA 15:3)

(Communist Party of the Soviet Union--Party work)
(Collective farms)

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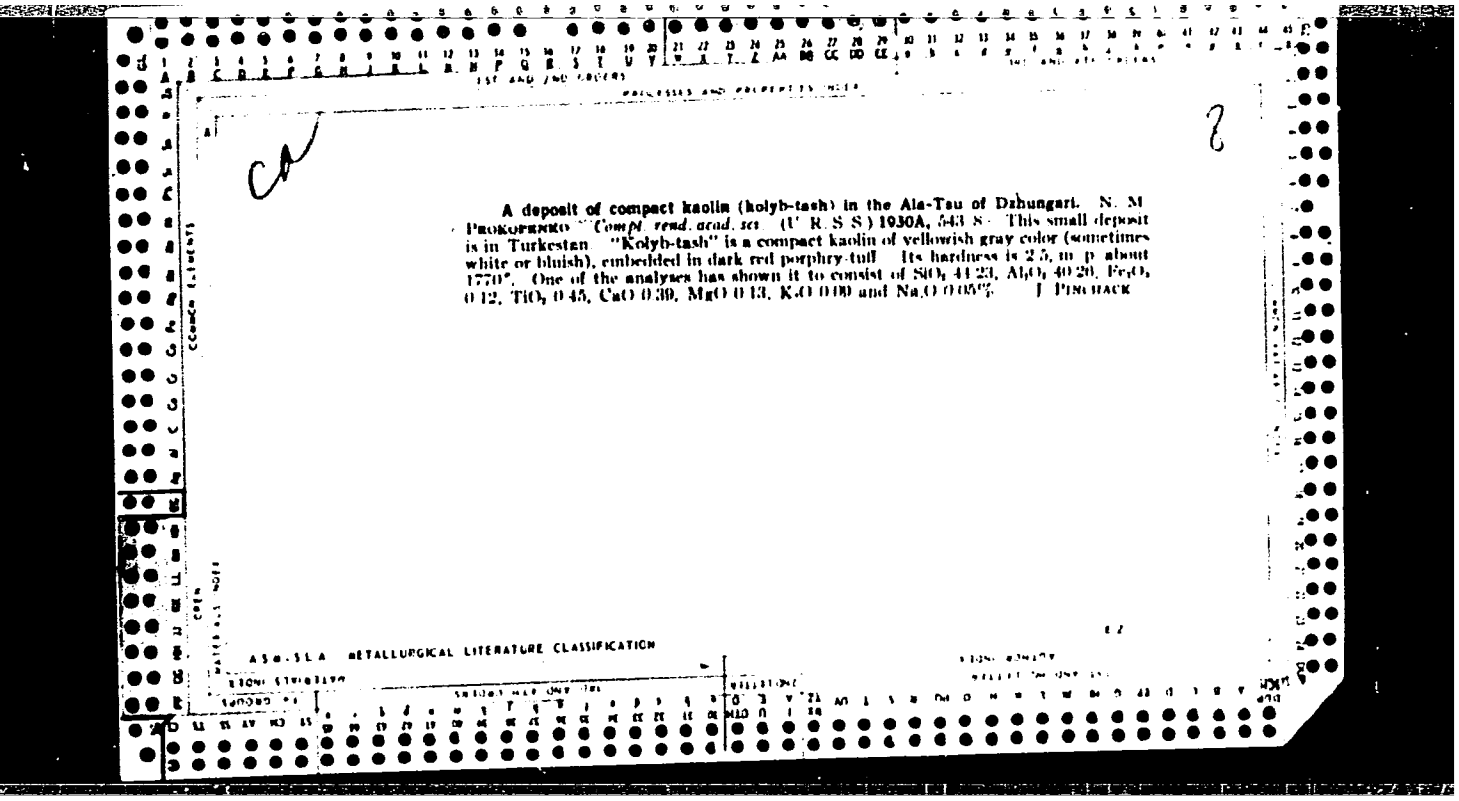

A deposit of compact kaolin (kolyb-tash) in the Ala-Tau of Dzhungari. N. M. Prokofenko. *Compt. rend. acad. sci.* (U. R. S. S.) 1930A, 543-8. This small deposit is in Turkestan. "Kolyb-tash" is a compact kaolin of yellowish gray color (sometimes white or bluish), embedded in dark red porphyry-tuff. Its hardness is 2.5, m. p. about 1770°. One of the analyses has shown it to consist of SiO_2 44.23, Al_2O_3 40.20, Fe_2O_3 0.12, TiO_2 0.45, CaO 0.39, MgO 0.13, K_2O 0.40 and Na_2O 0.05%. J. Pinchack

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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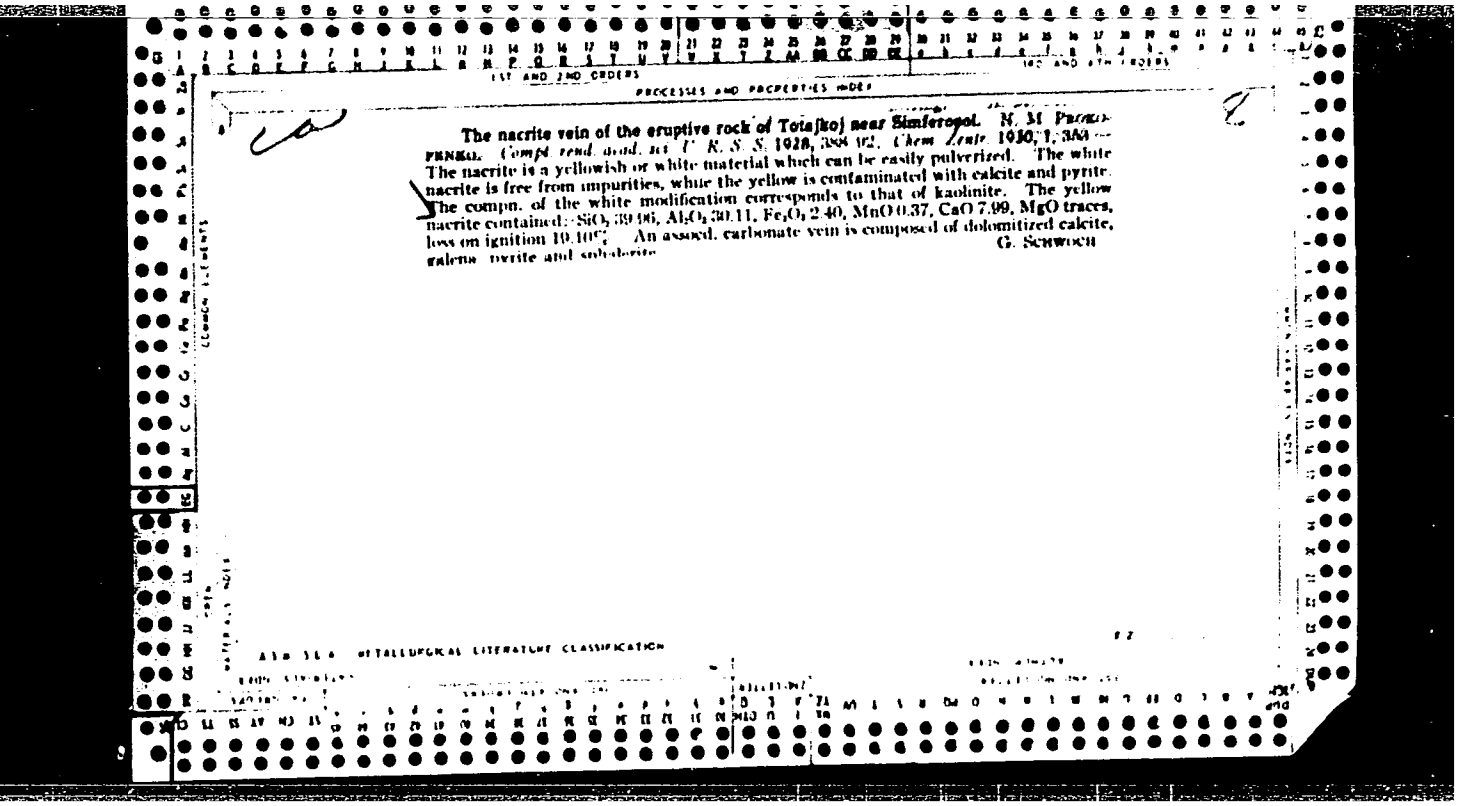
1ST AND 2ND ORDERS



PROCESSES AND PROPERTIES INDEX

The nacrite vein of the eruptive rock of Totajkoj near Simferopol. N. M. Prokofenko. *Compt. rend. acad. sci. U. R. S. S.* 1928, 388-92. *Chem. Zentr.* 1930, 1, 383.—The nacrite is a yellowish or white material which can be easily pulverized. The white nacrite is free from impurities, while the yellow is contaminated with calcite and pyrite. The compn. of the white modification corresponds to that of kaolinite. The yellow nacrite contained: SiO_2 39.96, Al_2O_3 30.11, Fe_2O_3 2.40, MnO 0.37, CaO 7.99, MgO traces, loss on ignition 19.10%. An assocd. carbonate vein is composed of dolomitized calcite, galena, pyrite and sphalerite. G. Schwoch

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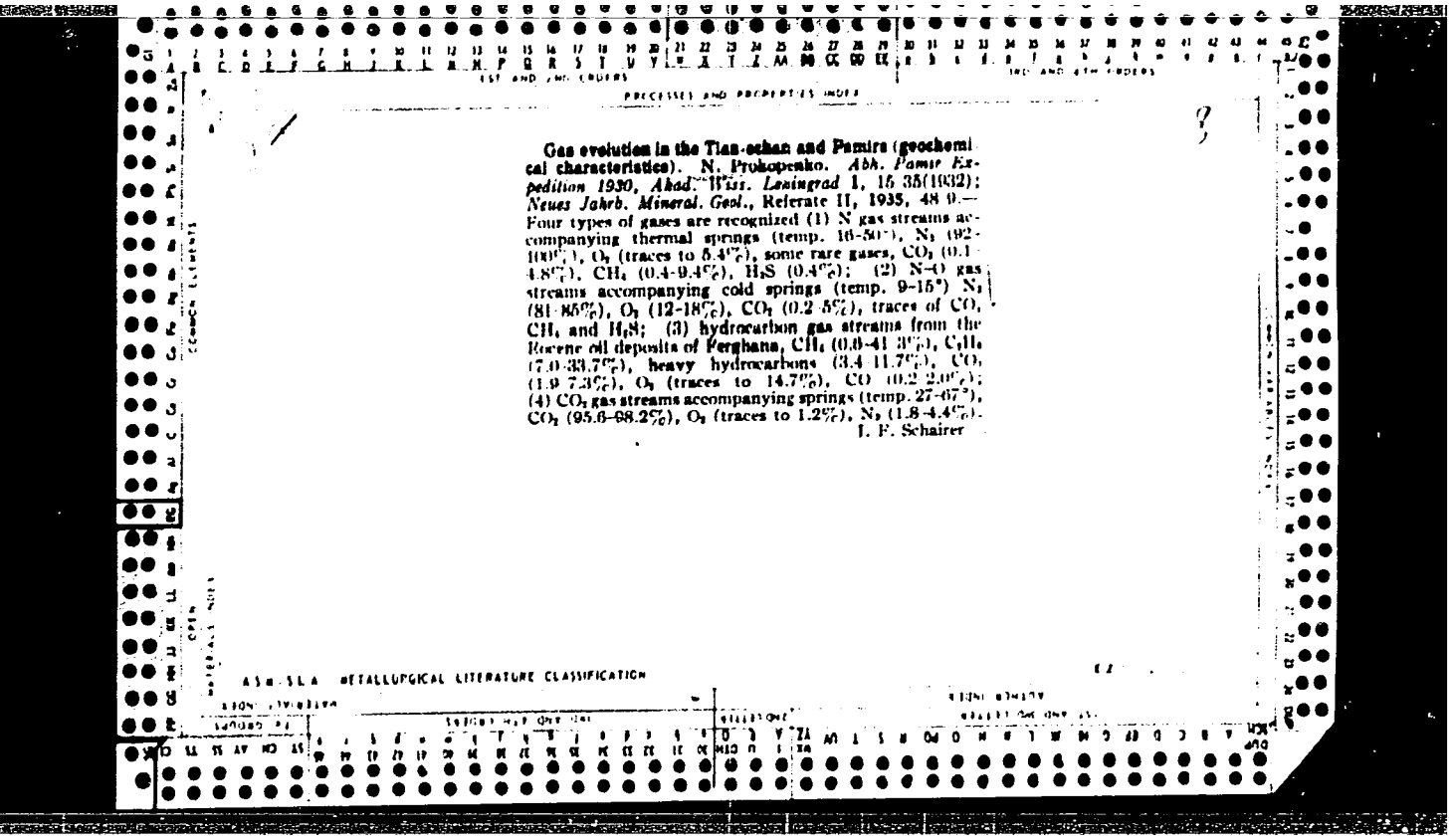

Gas evolution in the Tian-schan and Pamirs (geochemical characteristics). N. Prokopenko. *Abh. Pamir Expedition 1930, Akad. Wiss. Leningrad* 1, 15-35(1932); *Neues Jahrb. Mineral. Geol.*, Referate II, 1935, 48-9.—Four types of gases are recognized (1) N gas streams accompanying thermal springs (temp. 16-50°), N_2 (92-100%), O_2 (traces to 5.4%), some rare gases, CO_2 (0.1-4.8%), CH_4 (0.4-9.4%), H_2S (0.4%); (2) N–O gas streams accompanying cold springs (temp. 9-15°) N_2 (81-86%), O_2 (12-18%), CO_2 (0.2-5%), traces of CO, CH_4 and H_2S; (3) hydrocarbon gas streams from the Eocene oil deposits of Ferghana, CH_4 (0.0-41.3%), C_2H_6 (7.0-33.7%), heavy hydrocarbons (3.4-11.7%), CO_2 (1.9-7.3%), O_2 (traces to 14.7%), CO (0.2-2.0%); (4) CO_2 gas streams accompanying springs (temp. 27-67°), CO_2 (95.6-98.2%), O_2 (traces to 1.2%), N_2 (1.8-4.4%).
I. F. Schairer

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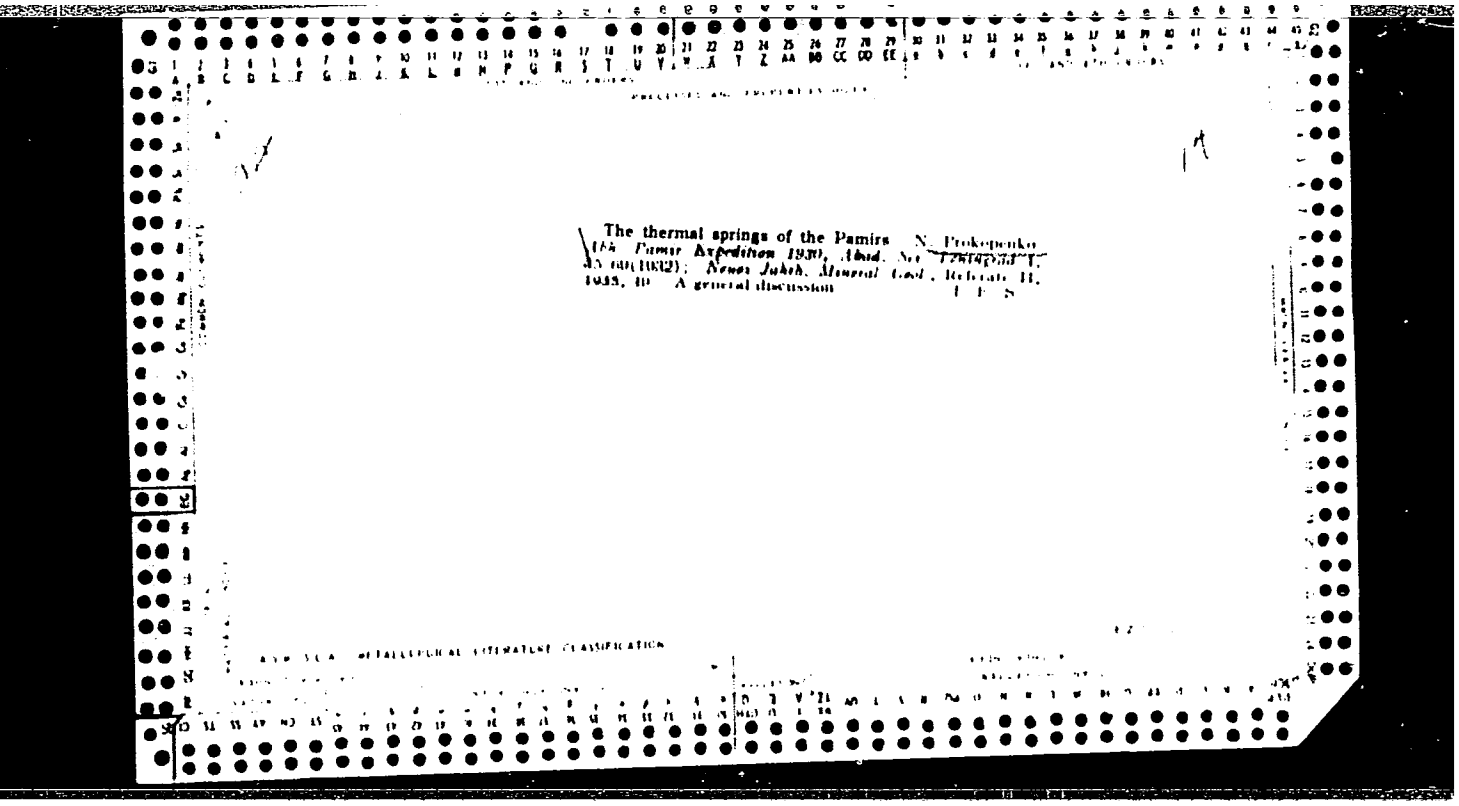

The thermal springs of the Pamirs. N. Prokopenko. Abh. Pamir Expedition 1930, Abad. Sci. Leningrad 1, 35-60(1932); Neues Jahrb. Mineral. Geol., Referate II, 1935, 10. A general discussion. I. E. S.

METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, M. V.

Komlev, L. V., and Prokopenko, M. V. "Instructions Concerning the Collection of Samples of Eruptive Rocks for Determining their Absolute Age by Radioactive Methods." Trudy Gosud. Radievogo Instituta, Leningrad, vol. 2, 1933, pp. 245-248.

Radium Institute im V.G. Khlopin, USSR

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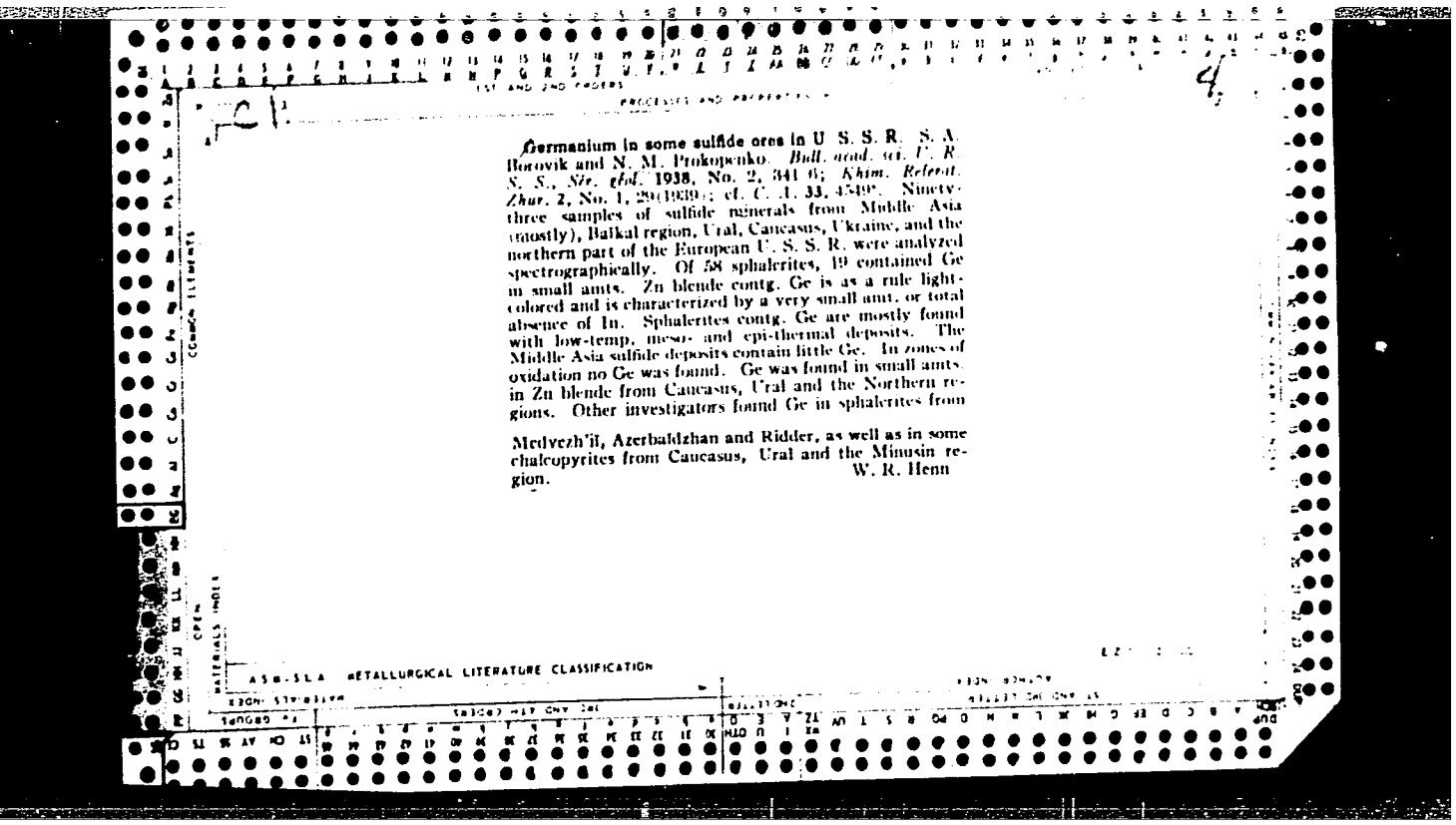
"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2



Germanium in some sulfide ores in U. S. S. R. S. A. Borovik and N. M. Prokopenko. *Bull. acad. sci. U. R. S. S., Sér. géol.* 1938, No. 2, 341-6; *Khim. Referat. Zhur.* 2, No. 1, 29(1939); cf. C. A. 33, 4540⁹. Ninety-three samples of sulfide minerals from Middle Asia (mostly), Baikal region, Ural, Caucasus, Ukraine, and the northern part of the European U. S. S. R. were analyzed spectrographically. Of 58 sphalerites, 19 contained Ge in small amts. Zn blende contg. Ge is as a rule light-colored and is characterized by a very small amt. or total absence of In. Sphalerites contg. Ge are mostly found with low-temp., meso- and epi-thermal deposits. The Middle Asia sulfide deposits contain little Ge. In zones of oxidation no Ge was found. Ge was found in small amts. in Zn blende from Caucasus, Ural and the Northern regions. Other investigators found Ge in sphalerites from Medvezh'il, Azerbaidzhan and Ridder, as well as in some chalcopyrites from Caucasus, Ural and the Minusin region.

W. R. Henn

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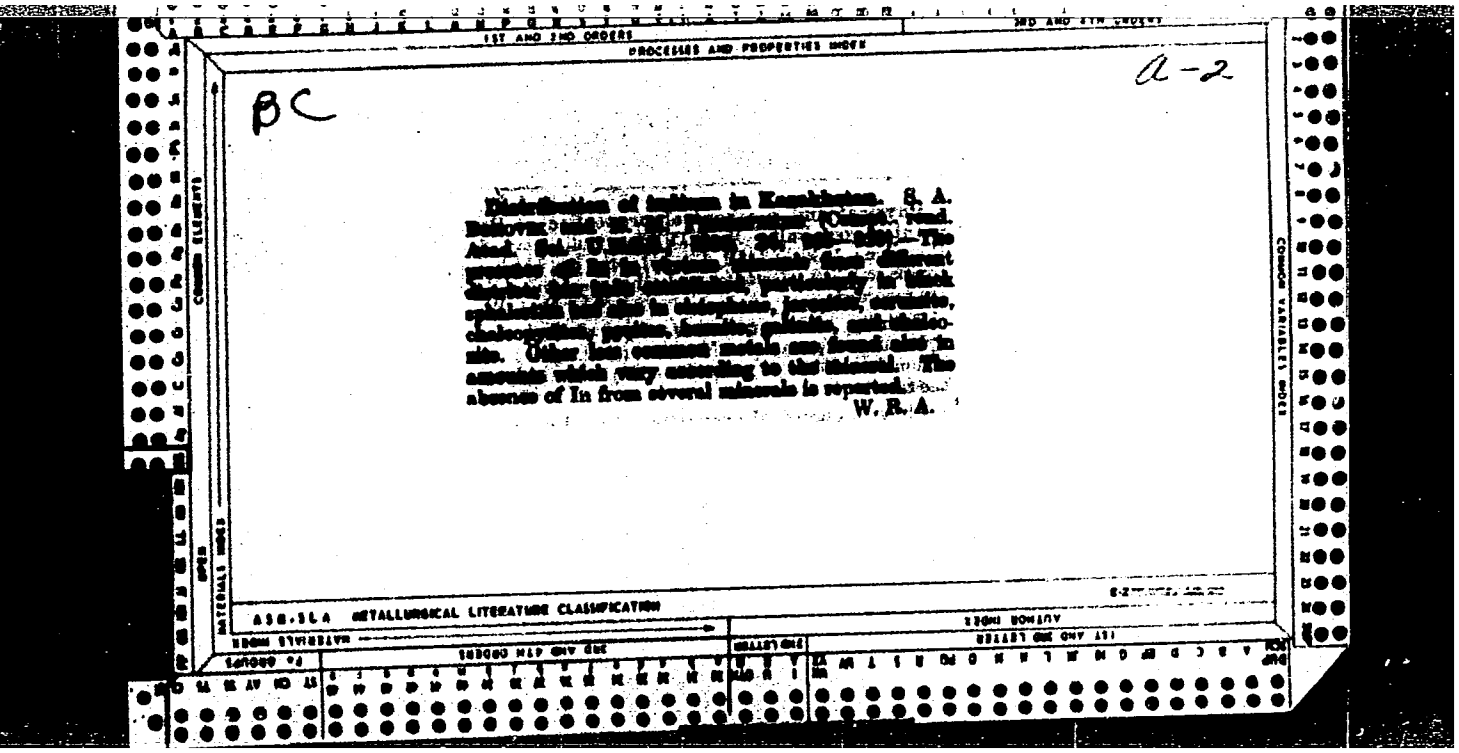

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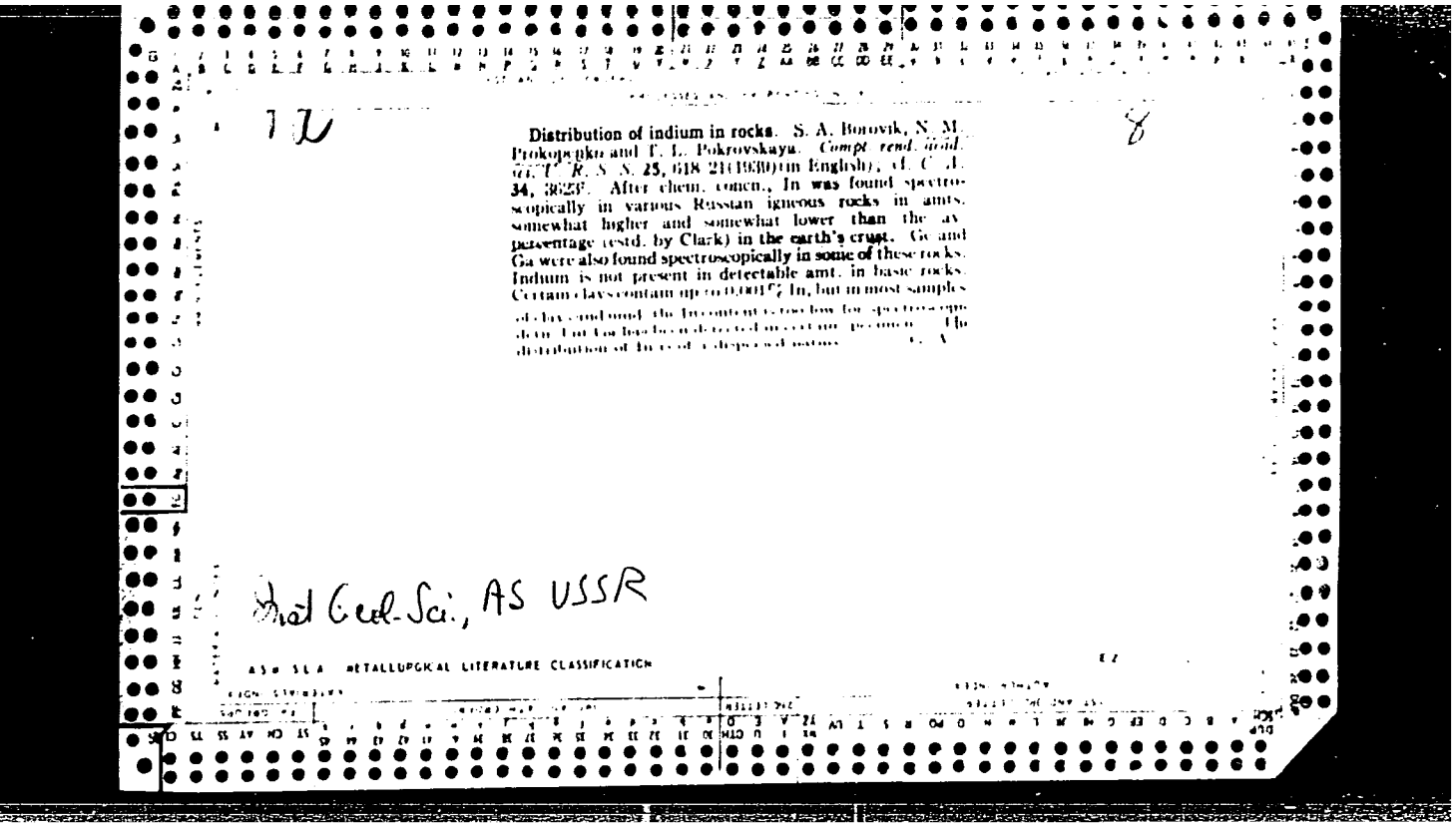

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8

Distribution of indium in rocks. S. A. Borovik, N. M. Prokopenko and T. L. Pokrovskaya. *Compt. rend. acad. sci. U. R. S. S.* **25**, 618-21(1939)(in English); cf. *C. A.* **34**, 3623[1]. After chem. concn., In was found spectroscopically in various Russian igneous rocks in amts. somewhat higher and somewhat lower than the av. percentage (estd. by Clark) in the earth's crust. Ge and Ga were also found spectroscopically in some of these rocks. Indium is not present in detectable amt. in basic rocks. Certain clays contain up to 0.001% In, but in most samples of clay and mud the In content is too low for spectroscopic detn. but Ga has been detected in certain specimens. The distribution of In is of a dispersed nature. [illegible]

Inst Geol-Sci., AS USSR

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Prospecting evidence for indium. N. M. Prokopenko (*Compt. rend Acad. Sci. U.R.S.S.*, 1941, **31**, 16—18).—N. Kirghizia and E. Transbaikal can be regarded as enriched with In, whilst Altai and Salair are impoverished; the Urals occupy an intermediate position. Distribution of In in sphalerites (I) depends in an unknown way on the Fe concn.; In is more frequently contained in (I) from the lower horizons of a deposit. Black ferruginous (I) are especially rich in In. Prospecting for In should be conducted in polymetallic deposits of hypothermal, hypo-mesothermal, and mesothermal types, particularly sulphides.

L. S. T.

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Occurrence of indium in various metallogenic cycles of the U.S.S.R.
N. M. Prokopenko (*Compt. rend. Acad. Sci. U.R.S.S.*, 1941, **31**, 19–21).—In is an element typical of the metallogenic Variscian cycle. Its occurrence in this and other cycles is discussed.
I. S. T.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

Distribution of indium in Ural ore deposits. S. A. Borovik and N. M. Prokopenko (*Compt. rend. Acad. Sci. U.R.S.S.*, 1941, **31**, 22—23).—The distribution of In, which is frequent but variable in the pyrite and Cu–Zn deposits of the Urals is discussed.

L. S. T.

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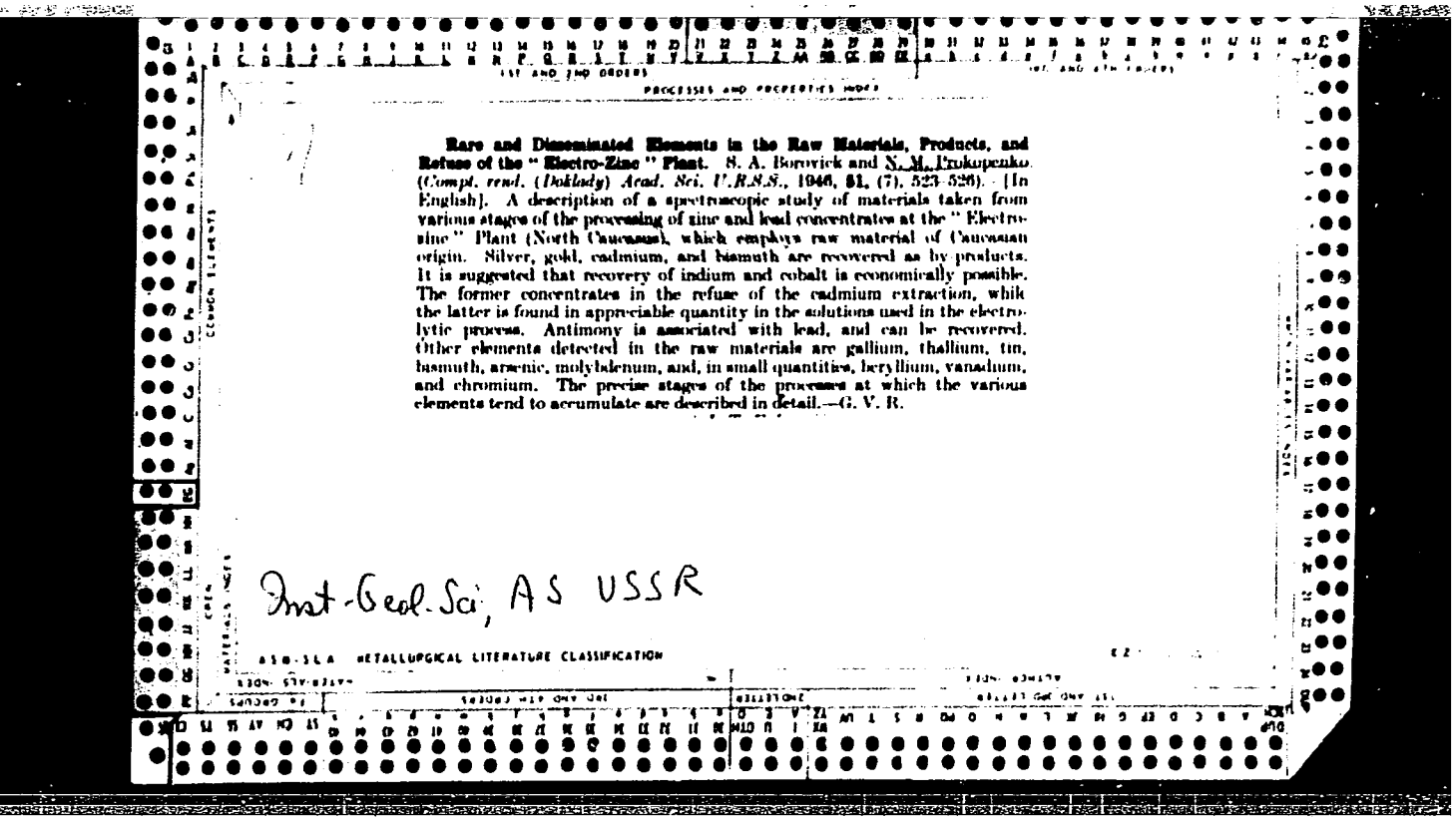

Rare and Disseminated Elements in the Raw Materials, Products, and Refuse of the "Electro-Zinc" Plant. S. A. Borovick and N. M. Trukpenko. (*Compt. rend. (Doklady) Acad. Sci. U.R.S.S.*, 1946, **51**, (7), 523-526). [In English]. A description of a spectroscopic study of materials taken from various stages of the processing of zinc and lead concentrates at the "Electrozinc" Plant (North Caucasus), which employs raw material of Caucasian origin. Silver, gold, cadmium, and bismuth are recovered as by products. It is suggested that recovery of indium and cobalt is economically possible. The former concentrates in the refuse of the cadmium extraction, whil the latter is found in appreciable quantity in the solutions used in the electrolytic process. Antimony is associated with lead, and can be recovered. Other elements detected in the raw materials are gallium, thallium, tin, bismuth, arsenic, molybdenum, and, in small quantities, beryllium, vanadium, and chromium. The precise stages of the processes at which the various elements tend to accumulate are described in detail.—G. V. R.

Inst-Geol-Sci, AS USSR

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N. M.

PA-2788

Mar 1946

USSR/Minerals - Orthite

"Orthite from the Granites of the Bassadjia River in Northern Kirghizia," E M Bohnstedt-Kupletskaya, and N M Prokopenko, 8 pp

" Zap Mineral Obshch USSR" Vol 65, No 3

A discussion of the composition and crystaline forms of orthite occuring as an accessory mineral in the eruptive rocks of Kirghizia

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PESOV, A.I., inzh.; TARASOV, V.R.; PROKOPENKO, N.M., mostovoy master

Improving the current roadbed maintenance. Put'i put.khoz. 4 no.7:16-17 Jl '60. (MIRA 13:7)

1. Nachal'nik distantsii, stantsiya Rtishchevo, Privolzhskoy dorogi (for Prokopenko).
(Railroads--Maintenance and repair)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N.N.

Suggestions from our efficiency promoters. Kons.i ov.prom. 15 no.7:15-17 Jl '60. (MIRA 13:6)

1. Kamenets-Podol'skiy konservnyy zavod.
(Canning industry—Equipment and supplies)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N.P., mashinist (stantsiya Beslan, Severo-Kavkazskaya doroga)

Simple but effective technical solution. Elek.i tepl.tiaga 14 no.3:23 Mr '60. (MIRA 13:7)
(Diesel locomotives)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, Nikolay Semenovich; SEREDENKO, M.M., doktor ekonom. nauk, otv. red.; LANDISH, B.O., red. izd-va; LISOVETS, O.M., tekhn. red.

[Development of chemical machinery manufacture in the Ukraine] Rozvytok khimichnoho mashinobuduvannia na Ukraini. Kyiv, Vyd-vo Akad.nauk URSR, 1961. 74 p. (MIRA 15:1)
(Ukraine--Chemical engineering--Equipment and supplies)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001343220004-2

PROKOPENKO, N. YE.

Prokopenko, N. Ye. and Blokh, E. L. and Plantonov, G. Ye. - "The effect of streptomycin on cellular reaction in tubercular infections", Trudy Akad. med. nauk SSSR, Vol. II, 1949, p. 35-42.

SO: U-4329, 19 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 21, 1949).

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