MASTENITSA, M.A.; KSENOFONTOVA, P.D.; KOROLENKO, G.A.; KAZANKOVA, A.Ye.

Study of the effect of meteorological factors on the incidence of influenza and acute catarrhs of the upper respiratory tracts. Trudy TomNIIVS 14:103-107 '[illegible]. (MIRA 17:7)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok, Tomskiy meditsinskiy institut i Tomskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya.

MASTENITSA, M.A.; KOROLENKO, G.A.; BELOVA, F.S.

Materials on the study of the 1959 influenza outbreak in Tomsk. Trudy Tom NIIVS 12:101-10[illegible] '60 (MIRA 16:11)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok, i Tomskiy meditsinskiy institut.

*

MASTENITSA, M.A. ; KOROLENKO, G.A.

Study of the etiological structure of influenza in Tomsk.
Trudy Tom NIIVS 12:96-100 '60 (MIRA 16:11)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok.

MASTENITSA, M.A.; KOROLENKO, G.A.; YELABUGINA, L.V.; GUMENNAYA, G.R. IZRAILEVA, G.I.; KORZEVA, V.S.

Epidemiological and virological characteristics of the 1959 influenza outbreak in Prokop'yevsk. Trudy Tom NIIVS 12: 106-110 '60 (MIRA 16:11)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok, Kemerovskaya oblastnaya sanitarno-epidemiologicheskaya stantsiya i Prokop8yevskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya.

*

KOROLENKO, I. [Karalenka, I.], agronom

Our workdays. Rab.i sial. 38 no.9:3-4 S '62. (MIRA 15:9)

1. Kokhoz imeni Il'icha Bykhovskogo rayona.
(Bykhov District--Agriculture)

KOROLENKO, I. I.

[illegible], I. I., Cand [illegible] Sci -- (diss) "[illegible] effectiveness of the loop method in searching for buried folding." [illegible], 1958. 24 pp (Min of Higher Education USSR. Mos Order of Labor Red Banner Petroleum Institute im Acad I. M. Gubkin), [illegible] copies, (KL, [illegible])

6.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824810011-6"

PHASE I BOOK EXPLOITATION SOV/3876

Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki.

Prikladnaya geofizika; sbornik statey, vyp. 18 (Applied Geophysics; Collection of Articles, No. 18) Moscow, Gostoptekhizdat, 1958, 286 p. Errata slip inserted. 3,000 copies printed.

Ed.: A.I. Bogdanov; Executive Ed.: N.P. Dobrynina; Tech. Ed.: N.A. Mukhina.

PURPOSE: The book is intended for engineers, technicians, geophysicists, and persons interested in the geophysical methods of petroleum prospecting.

COVERAGE: The book is a collection of 16 articles dealing with the theoretical and practical problems of electrical sounding, seismic prospecting and gravimetry. Advances in electrical prospecting in not easily accessible regions and in the ocean are treated for the first time in Soviet literature. New methods for the investigation and detection of radioactive emissions of drill holes, as well as optical and luminescence logging are analyzed. No personalities are mentioned. References accompany most of the articles.

AVAILABLE: Library of Congress (TN269.P7)

Card 4/4

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(21)

KOROLENKO, Ivan Ivanovich; VESNA, Nikolay Mitrofanovich; SHKOL'NIKOV, A.B., red.; PEVZNER, V.I., tekhn.red.

[Aleksandr Gitalov's school] Shkola Aleksandra Gitalova. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 35 p. (MIRA 13:6)
(Gitalov, Aleksandr Vasil'yevich)
(Kirovograd Province--Socialist competition)

TIMOFEYEV, Pavel Vasil'yevich [Tymofieiev, P.V.]; KOROLENKO, I.I., red.; YEROSHENKO, T.G. [IEroshenko, T.H.], khud.-tekhn.red.

[Fundamentals of interchangeability and technical measurements; manual for institutes and faculties of farm mechanization] Osnovy vzaiemozamiinnosti ta tekhnichni vymiriuvannia; uchbovyi posibnyk dlia instytutiv i fakul'tetiv mekhanizatsii sil's'koho hospodarstva. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 201 p. (MIRA 15:5)
(Interchangeable mechanisms) (Measuring instruments)
(Tolerance (Engineering))

MAYSKIY, Nikolay Ivanovich [Mais'kyi, M.I.], inzh.; KOSENKO, Andrey Fedotovich, inzh.; SLESAR', Aleksandr Pavlovich [Sliesar, O.P.], inzh.; KOROLENKO, I.I., red.

[Technology of metals and building materials] Tekhnologiia metaliv i konstruktsiinykh materialiv. Kyiv, Derzhsil'-hospvydav URSR, 1962. 410 p. (MIRA 18:6)

MARTINKEVICH, F.S., kand.geograf.nauk; SOBOLEV, Ye.Ya., kand.geograf.nauk; BOL'SHAKOVA, V.P., kand.ekonom.nauk; LAPKTA, D.D., kand.ekonom. nauk; GLADKIY, V.I., kand.geograf.nauk, starshiy prepodavatel'; ANICHENKO, G.V., kand.geograf.nauk; KOTT, G.Z.; TRUBILKO, N.P., kand.ekonom.nauk; KORCLENKO, I.K., kand.ekonom.nauk; GUTSEV, Ye.G., kand.geograf.nauk; CHERNENKO, V.A.; CHERNYSH, L.P., Prinimali uchastiye: KOZLOVA, A.I.; KOVALEVSKIY, P.V.; MAZURENKO, R.V.; KUVEYSHA, Ye.I.; KRYLOVA, V.S.; SERZHINSKIY, I.I.; KUKKINA, Z.A.; KALECHITS, T.A., ROMANOVSKIY, M.T., red.; KOSTEVICH, K.R., red.; TURTSEVICH, L., red.izd-va; SIDENKO, N., tekhn.red.

[Distribution of the industry of White Russia for the processing of agricultural raw materials] Razmeshchenie promyshlennosti BSSR po pererabotke sel'skokhozisistvennogo syr'ia. Minsk, 1959. 193 p. (MIRA 13:6)

1. Akademiya nauk BSSR, Minsk. Institut ekonomiki. 2. Zaveduyushchiy sektorom razmeshcheniya proizvodstva Instituta ekonomiki Akademii nauk BSSR (for Martinkevich). 3. Institut narodnoge khozyaystva im. V.V.Kuybysheva (for Gladkiy).

(White Russia--Industries, Location of)

NIKANOROV, Ivan Mitrofanovich; PASHKEVICH, Bogdan Vikent'yevich; KOROLENKO, I.K., red.; MANINA, L., red.izd-va; VOLOKHANOVICH, I., tekhn.red.

[Problems of stimulating production and new technology] Voprosy stimulirovaniia proizvodstva i novoi tekhniki. Minsk, Izd-vo Akad.nauk BSSR, 1960. 91 p. (MIRA 13:6)
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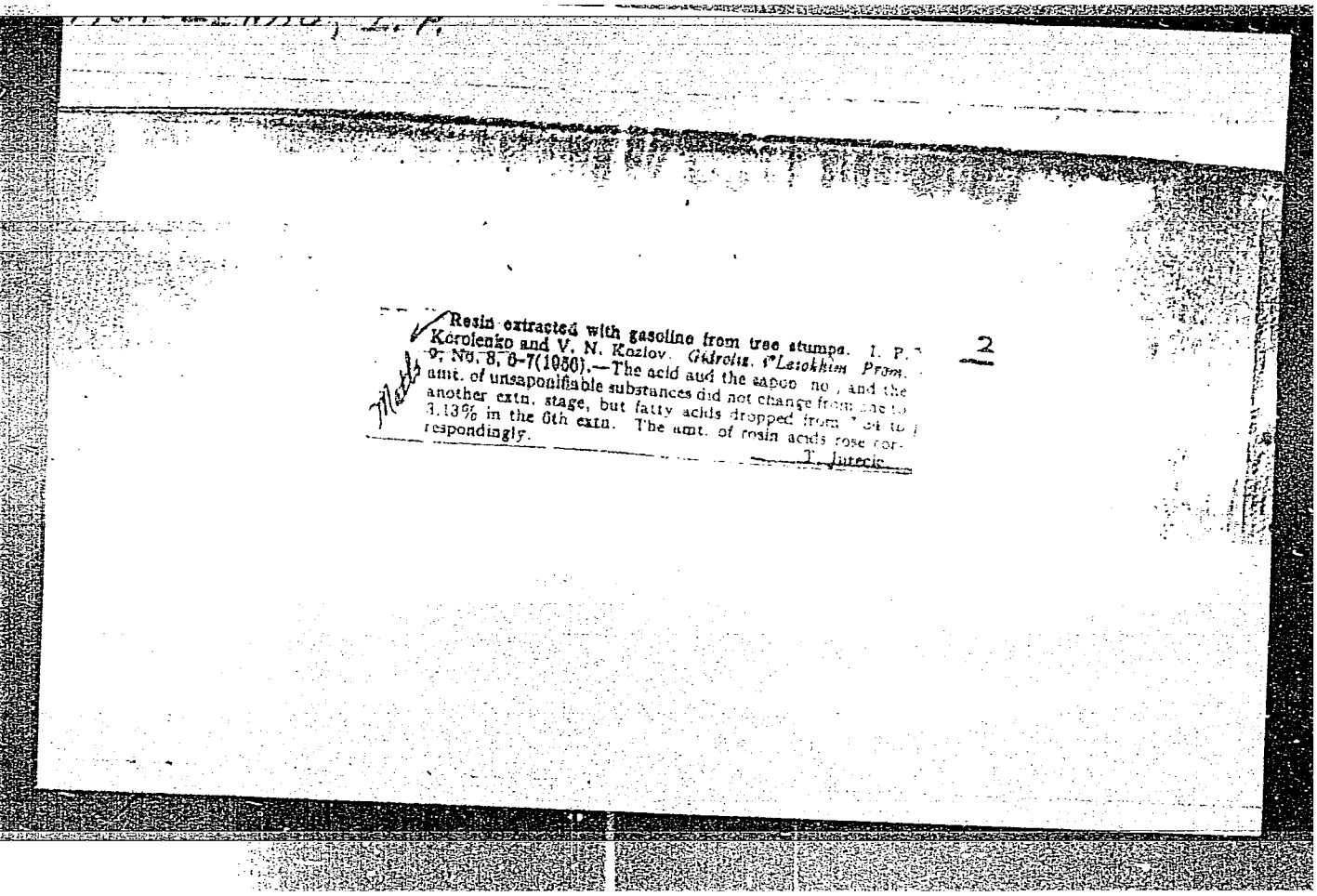

Resin extracted with gasoline from tree stumps. I. P. Korolenko and V. N. Kozlov. *Gidroliz. i Lesokhim Prom.* 9; No. 8, 6-7(1956).—The acid and the sapon no., and the amt. of unsaponifiable substances did not change from one to another extn. stage, but fatty acids dropped from 3.13% in the 6th extn. The amt. of rosin acids rose correspondingly.

T. Jurecic

2

KOROLENKO, K.M., starshiy naukoviy spivrobitnik; BOYARCHUK, I.K., starshiy naukoviy spivrobitnik

New working parts of the P-5-35M plow for subtilling. Mekh.sil'. hosp. 9 no.3:14-15 Mr '58. (MIRA 11:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i elektrofikatsii sel'skogo khozyaystva.
(Plows)

KOROLENKO, K.M., kand.tekhn.nauk

Implement for cultivating intercrops on flood lands. Mekh. sil'. hosp. [9] no.5:18-20 My '58. (MIRA 11:6)
(Weed control) (Agricultural implements)

KOROLENKO, K.M., kand.tekhn.nauk

Control of the Russian centaurea. Mekh. sil'. hosp. 11 no.5:25-27 My '60. (MIRA 14:3)
(Centaureinae)

KOROLENKO, K.M., kand.tekhn.nauk; SOKOLOV, V.M., inzh.

A combined machine for tillage. Mekh. sil'.hosp. 11 no.8:28-29 Ag '60. (MIRA 13:9)

(Tillage)

KOROLENKO, K.M., kand.tekhn.nauk; BOYARCHUK, I.K., starshiy nauchnyy sotrudnik

Knives attached to the plowing unit. Mekh. sil'.hosp. 12 no.7:12-14 Jl '61. (MIRA 14:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva.
(Plows--Attachments)

KOROLENKO, K.M., kand.tekhn.nauk

Two questions from Khmel'nitskiy Province machinery operators.
Mekh. sil'. hosp. 12 no.9:31-32 S '61. (MIRA 14:11)
(Tractors—Engines)
(Plows)

KORCLENKO, K.M., kand. tekhn. nauk

New attachments for plowing-under the corn-crop residues. (MIRA 18:2)
Mashinostroenie no.5:85 S-O '64

KOROLENKO, K.M., kand. tekhn. nauk; DONETS, S.M., kand. tekhn. nauk

Antierosion tilling on slopes. Mashinostroenie no.1 97-98 Ja-F '65. (MIRA 18:4)

KOROLENKO, M.N., aspirantka

Meadow formation on slope lands. Zemledelie 27 no.2:52-53 F '65.
(MIRA 18:4)

Korolenko, N. K.

18

Automation of galvanic coatings process. N. K. Korolenko. *Metallich. Pokrytiya s Khim. Maskinostr., Vsesoyuz. Nauch.-Issledovatel. i Konstruktor. Inst. Khim. Mashinostroen. Sbornik Statei* 15; 57-74(1954); *Referat. Zhur., Khim.* 1956, Abstr. No. 7430.—The scheme for automatic control of D_k in electroplating baths and other parameters in the installations for electroplating of strips is given.

N. Yasnik

KOROLENKO, Nikolay Kuz'mich; GOGISH-KLUSHIN, Yu.V., red.

[Sources and the regulation of current in plants for the electrochemical finishing of metals] Istochniki i regulirovanie toka v tsekhakh elektrokhimicheskoi obrabotki metallov. Izd.2., perer. i dop. Moskva, Energiia 1964. 263 p. (MIRA 17:9)

LUGOVSKIY, S.I., prof., doktor tekhn. nauk; [illegible], G.[illegible], inzh.; KOROLENKO, N.P., inzh.

Efficient methods of ventilating stope blocks during the mining of thick ore deposits. Sbor. nauch. trud. KGRI no.10[illegible]66-79 '61. (MIRA 17:8)

1. Otvetstvennyy redaktor zhurnala "Sbornik nauchnykh trudov Krivorozhskogo gornorudnogo instituta" (for Lugovskiy)

USSR/Medicine - Physiology KOROLENKO, S. A.

Card 1/1 FD 248

Author : Ushakov, B. P. and Korolenko, S. A.

Title : Comparative study of the toxicity of monoiodoacetate (MIA) for the musculature of vertebrate and invertebrate animals

Periodical : Fiziol.zhur. 2, 208-215, Mar/Apr 1954

Abstract : The speed of disappearance of excitability of somatic masculature during faradic stimulation with various concentrations of MIA was studied. Experiments were conducted on nine species of vertebrate animals: testudo horsefieldi, Rattus norvegicus, Hyas araneus, Helix vulgaris, Strongylocentrotus droebachiensis, Priapulus caudatus, Phascolosoma margaritaceum, Hirudo medicinalis, and Arenicola marina. The muscles of the crustacean and vertebrate animals were more sensitive to MIA in weak concentrations, and significantly less sensitive to high concentrations as compared to the muscles of the lower, invertebrate animals. Ten graphs and three tables. Nine references, eight Soviet.

Institutions : Laboratory of General and Cellular Physiology, Zoological Institute Academy of Sciences USSR; and Laboratory of the Histophysical Institute imeni A. A. Ukhtomskiy

Submitted : April 28, 1953

YEFIMOV, I. I.; KOROLENKO, [illegible] ESTRIN, V.N.

Adsorption of heavier hydrocarbons from natural gases by means of free-falling particles of activated carbon. Trudy VNIIGAZ no.6:137-148 '59. (MIRA 12:10)

(Hydrocarbons) (Carbon, Activated)

YUDKINA, L. N., kand. med. nauk; KOROLENKO, TS. P.

Case of hydradenitis with pyo-allergens and delirium. Vest. derm. i ven. no.10:73-74 '61. (MIRA 14:12)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof. A. K. Yakubson) i kafedry psikhiatrii (zav. - prof. M. A. Gol'denberg) Novosibirskogo meditsinskogo instituta.

(SWEAT GLANDS—INFLAMMATION) (SKIN—DISEASES)
(DELIRIUM)

GOL'DENBERG, M. A., prof.; KOROLENKO, TS. P., assistent

Vegetative disorders in acrichine "psychosis" in animals. Trudy Novosib. gos. med. inst. 37:102-108 '61. (MIRA 15:6)

(QUINACRINE--TOXICOLOGY) (PSYCHOSES)
(NERVOUS SYSTEM, AUTONOMIC--DISEASES)

TIMOFEYEVA, A. S., assistent; KOROLENKO, TS. P., assistent

Materials on the characteristics of higher nervous activity in acrichine "psychosis" in animals. Trudy Novosib. gos. med. inst. 37:109-117 '61. (MIRA 15:6)

(NERVOUS SYSTEM) (PSYCHOSES)
(QUINACRINE--TOXICOLOGY)

KOROLENKO, TS. P., assistent; SPERANSKIY, S. V., mladshiy nauchnyy sotrudnik

Electroencephalographic changes in acrichine "psychosis" in animals. Trudy Novosib. gos. med. inst. 37:118-124 '61. (MIRA 15:6)

1. Novosibirskiy nauchno-issledovatel'skiy sanitarnyy institut (direktor - starshiy nauchnyy sotrudnik Ye. M. Gorbachev) (for Speranskiy).

(ELECTROENCEPHALOGRAPHY)
(QUINACRINE—TOXICOLOGY)
(PSYCHOSES)

GOL'DENBERG, M. A., prof.; KOROLENKO, TS. P., assistent

Some indices of carbohydrate metabolism in acrichine "psychosis" in animals. Trudy Novosib. gos. med. inst. 37:135-139 '61.
(MIRA 15:6)

(QUINACRINE—TOXICOLOGY)
(CARBOHYDRATE METABOLISM)
(PSYCHOSES)

KOROLENKO, TS. P., assistent

Vacat oxygen in the blood in acrichine "psychosis" in animals.
Trudy Novosib. gos. med. inst. 37:163-167 '61.
(MIRA 15:6)

(BLOOD--OXYGEN CONTENT)
(QUINACRINE--TOXICOLOGY)
(PSYCHOSES)

KOROLENKO, TS. P., assistent

Hemin enzymes and glutathione in the blood in acrichine "psycnosis" in animals. Trudy Novosib. gos. med. inst. 37:168-174 '61.
(MIRA 15:6)

(GLUTATHIONE) (QUINACRINE--TOXICOLOGY)
(PSYCHOSES) (ENZYMES)

KOROLENKO, TS. P., assistent; OSIPOVICH, V. V., mladshiy nauchnyy sotrudnik; Prinimala uchastiye: PASTUKHOVA, E. S., tekhnik-laborant

Study of thyroid gland function by the radioactive iodine 131 method in acrichine "psychosis" in animals. Trudy Novosib. gos. med. inst. 37:179-183 '61. (MIRA 15:6)

1. Novosibirskiy nauchno-issledovatel'skiy sanitarnyy institut (direktor starshiy nauchnyy sotrudnik Ye. M. Gorbachev)(for Osipovich).

(THYROID GLAND) (QUINACRINE--TOXICOLOGY)
(PSYCHOSES) (IODINE--ISOTOPES)

GOL'DENBERG, M. A., prof.; PRILENSKIY, Yu. F., assistent; KOROLENKO, TS. P., assistent; TIMOFEYEVA, A. S., assistent

Some problems of somatic disorders and of the pathogenesis of acrichine "psychosis" in animals. Trudy Novosib. gos. med. inst. 37:203-219 '61. (MIRA 15:6)

(PSYCHOSES) (QUINACRINE—TOXICOLOGY)

GOL'DENBERG, M.A.; KOROLENKO, TS.P.

Alcoholic "psychopathological" syndromes in experimental animals. Zhur.nevr. i psikh. 63 no.12:1861-1866 '63.

(MIRA 18:1)

1. Kafedra psikhiatrii (zav. - prof. M.A.Gol'denberg) Novosibirskogo meditsinskogo instituta.

KOROLENKO, TS.P. (Novosibirsk)

Oxidizing processes in delirium tremens. Trudy Gos. nauch.-issl. inst. psikh. 38:235-240 '63 (MIRA 16:11)

KOROLENKO, TS.P. (Novosibirsk)

Oxidizing processes in delirium tremens. Trudy Gos. nauch.-issl. inst. psikh. 38:235-240 '63 (MIRA 16:11)

KARGANOV, K.G.; KOROLENKO, V.P.; LAZOVSKIY, L.I.

Answering level gauge for tanks operating under pressure.
Mash. i neft. obor. no.6:34-36 '63. (MIRA 17:8)

1. Groznenskiy filial Vsesoyuznogo nauchno-issledovatel'skogo i proyektno-konstruktorskogo instituta kompleksnoy avtomatizatsii neftyanoy i gazovoy promyshlennosti.

KOROLENKO, Vladislav Tikhonovich; TOBOLKIN, Leonid Petrovich; MIKHAYLOVA, Ye.N., redaktor; DEMIDOVA, L.F., tekhnicheskiy redaktor

[Checkrowing corn and white durra in Uzbekistan] Kvadratno-gnezdovaia kul'tura kukuruzy i dzhigary v Uzbekistane. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1956. 110 p. (MLRA 10:3)
(Uzbekistan--Corn (Maize)) (Uzbekistan--Sorghum)

KOROLENKO, Vladislav Tikhonovich; MAZURIN, Stepan Alekseyevich; TIKHONOVA, I., red.; BABAKHANOV, A., tekhn. red.

[Sorgo and its cultivation in Uzbekistan] Sorgo i ego vozdelyvanie v Uzbekistane. Tashkent, Gosizdat UzSSR, 1962. 95 p. (MIRA 17:1)

KOROLENKO, Vvladislav Tikhonovich; SIMONOV, Nikolay Konstantinovich; KRIVONOSOVA, N., red.

[Best grain crop varieties in Uzbekistan] Luchshie sorta zernovykh kul'tur Uzbekistana. Tashkent, Izd-vo "Uzbekistan," 1964. 86 p. (MIRA 18:3)

KOROLENKO, Ye.

International Machinery Fair in Brno. Mashinostroitel' no.12:42 D '59. (MIRA 13:3)
(Brno--Fairs)

KOROLENKO, Ye.

New machine tools and attachments made in Czechoslovakia.
Mashinostroitel' no.1:37-39 Ja '60. (MIRA 13:4)
(Czechoslovakia--Machine-tool industry)

KOROLENKO, Ye., inzh.

A new Czechoslovakian periodical for the Soviet Union.
Mashinostroitel' no.3:47 Mr '60. (MIRA 13:6)
(Czechoslovakia--Engineering--Periodicals)

KOROLENKO, Ye.

Fifteen years in the brotherhood of socialist countries. Mashinostroitel' no.11:44-45 N '60. (MIRA 13:10)
(Moscow--Exhibitions) (Hungary--Technological innovations)

KOROLENKO, Ye.

New machine tools made in Hungary. Mashinostroitel' no. 4:43-44 Ap '61. (MIRA 14:4)
(Hungary--Machine tools)

KOROLENKO, Ye.

Deviced used in precision machining. Mashinostroitel' no.11: 44-46 N '61. (MIRA 14:11)

(Gauges)

KOROLENKO, Ye.

R.Sabirov's burner. Mashinostroitel' no.6:23 Je '62. (MIRA 16:5)
(Gas burners)

GAVRILOV, V.M.; ZABNIN, F.C.; [illegible]; [illegible] V.G.

Brief news. Mashinostroitel' no.9:30,42-44 S '65. (MIRA 18:12)

KOROLENKO, Ye.M., inzh.

The Fourth Plenum of the Central Board of the Scientific Technological Society of the Machinery Industry. Vest.mash. 41 no.4:82 Ap '61. (MIRA 14:3)

(Technical societies)

KOROLENKO, Yu.A.

Thermal calculation of bar shunts. Izv.vys.ucheb.zav.; fiz. no.3: 150-156 '59. (MIRA 12:10)

1. Tomskiy politekhnicheskiy institut imeni S.M.Kirova.
(Bus conductors (Electricity)--Thermal properties)

KARAL'NIK, S.M.; NIKOLAYEVA, L.G. [Nikolayeva, L.H.]; KOROLENKO, Yu.I.

Characteristic absorption of X rays in titanium compounds.
Ukr. fiz. zhur. 4 no.3:404-405 My-Je '59. (MIRA 13:2)

1.Kiyevskiy gosudarstvennyy universitet im. T.G. Shevchenko.
(Titanium compounds)

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S/170/60/003/012/010/015
B019/B056

11.9100

AUTHORS: Boykov, G. P., Korolenko, Yu. A.

TITLE: Temperature Field in Bodies With Ellipsoidal Cross Section in the Case of Internal Thermal Sources

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1960, Vol. 3, No. 12, pp. 78-80

TEXT: In an earlier paper, Boykov was able to give a relation that permits calculation of the temperature distribution along the axes of a body with elliptic cross section. In the present paper, the authors proceed from a set of equations describing the steady temperature field of such a body, and obtain the following relation for any point on the cross section of the body:

$$t(x,y) = t_f + W(R_1R_2)\left\{\frac{1}{\alpha(R_1+R_2)} + \frac{1}{4\lambda} - \frac{W(R_2x^2+R_1y^2)}{2\lambda(R_1+R_2)}\right\}$$

Card 1/2

Here, R_1 and R_2 are the radii of the ellipse; x, y are the coordinates of the point of reference. A verification of this formula yielded excellent results for metallic bodies. There are 1 figure, 1 table, and 3 Soviet references.

ASSOCIATION: Ordena Trudovogo Krasnogo Znameni politekhnicheskiy institut im. S. M. Kirova, g. Tomsk ("Order of the Red Banner of Labor" Polytechnic Institute imeni S. M. Kirov, Tomsk)

SUBMITTED: May 31, 1960

Card 2/2

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24.7600 (1043, 1158, 1160)

AUTHORS: Boykov, G.P., Docent and Korolenko, Yu.A., Senior Lecturer

TITLE: The Temperature Field in an Anisotropic Body with Internal Heat Evolution

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Elektromekhanika, 1961, No. 2, pp. 18 - 20

TEXT: A large number of problems in electrical engineering involve the internal heat evolution in bodies in which the thermal conductivity is not the same in all directions. The temperature distribution in such a system can be described by an equation in the form

$$\lambda_1 \frac{\partial^2 t}{\partial x^2} + \lambda_2 \frac{\partial^2 t}{\partial y^2} + W = 0 \qquad (1)$$

Card 1/8

The Temperature Field ....

and the initial conditions

$$\frac{\partial t(0;\ y)}{\partial x}=0;\quad \frac{\partial t(x;\ 0)}{\partial y}=0, \tag{2}$$

$$-\lambda_1\frac{\partial t(R_1;\ 0)}{\partial x}=\alpha[t(R_1;\ 0)-t_f],$$

$$-\lambda_2\frac{\partial t(0;\ R_2)}{\partial y}=\alpha[t(0;\ R_2)-t_f], \tag{3}$$

In these equations, the external conditions are characterised by the emissivity α and the temperature t_f of the external medium, and remain constant over the entire surface. In addition, W = const. The solution

$$t=-\varphi\frac{Wx^2}{2\lambda_1}-\psi\frac{Wy^2}{2\lambda_2}+D \tag{4}$$

Card 2/8

The Temperature Field ....

in which φ , ψ and D are constants, satisfies the symmetry condition given by Eqs. (2). Substitution of Eq. (4) into Eq. (1) shows that in fact t is given by

$$t = -\varphi\frac{Wx^2}{2\lambda_1} - (1-\varphi)\frac{Wy^2}{2\lambda_2}, \qquad (5) .$$

This solution satisfies both the symmetry conditions and the differential equation (1) for a two-dimensional stationary field with internal heat evolution W . H o w e v e r, the solution given by Eq. (5) does not satisfy the conditions on the boundary. On the first approximation, the boundary conditions can be determined as described by Boykov (Ref. 1). According to this method, the heat-transfer equations can be written down in the form

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The Temperature Field ....

$$\frac{1}{2}\varphi\, WR_1+\frac{1}{2}\frac{WF_c}{l_\kappa}=\alpha\left[D-\varphi\,\frac{WR_1^2}{2\lambda_1}-t_f\right],$$

$$\frac{1}{2}(1-\varphi)\, WR_2+\frac{1}{2}\frac{WF_c}{l_\kappa}=\alpha\left[D-(1-\varphi)\frac{WR_2^2}{2\lambda_2}+t_f\right].$$

from which

$$\varphi=\left(1+\frac{B_1}{B_2}\right)^{-1},\qquad 1-\varphi=\left(1+\frac{B_2}{B_1}\right)^{-1}.$$

Here,

$$B_i=\frac{R_i}{2\alpha}+\frac{R_i^2}{2\lambda_i};\qquad i=1;\ 2.$$

Card 4/8

The Temperature Field ....

and hence knowing φ , one finds that

$$D = t_f + W\left(\frac{1}{B_1} + \frac{1}{B_2}\right)^{-1} + \frac{WF_c}{2\alpha \cdot l_x} \quad (6)$$

Substituting for the constants the final solution is

$$t(x) = D - \frac{Wx^2}{2\lambda_1}\left(1 + \frac{B_1}{B_2}\right)^{-1}, \quad (7)$$

$$t(y) = D - \frac{Wy^2}{2\lambda_2}\left(1 + \frac{B_2}{B_1}\right)^{-1}. \quad (8)$$

Eq. (6) gives the temperature at the centre of the body, while Eqs. (7) and (8) give the distribution along the symmetry axes. These expressions must of course be regarded

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The Temperature Field ....

as approximate. Tables 1 and 2 give the temperature distributions along the symmetry axes in a beam of rectangular cross-section for $\lambda_1 = 5$ kcal/m hr deg, $\lambda_2 = 40$ kcal/m hr deg, $2R_1 = 0.5$ m, $2R_2 = 1$ m, $W = 5\ 000$ kcal/m^{3}hr, $\alpha = 10$ kcal/m^2 hr deg and $t_f = 0$ °C. The calculation was carried out using Eqs. (6), (7) and (8). The results obtained are compared with those computed for an infinite plate by the method of "detailed balance". There are 2 tables and 1 Soviet reference.

ASSOCIATION: Kafedra teoreticheskoy i obshchey teplotekhniki Tomskogo politekhnicheskogo instituta (Department of Theoretical and General Heat Engineering of Tomsk Polytechnical Institute)

SUBMITTED: March 2, 1960

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Table 1: Temperature Distribution Along the x-axis

x	Method: Infinite Plate Formula	Method: Eqs. (6), (7)	Method: Detailed Balance Method
0	156	97.7	70
$0.4R_1$	151	94.7	65
$0.8R_1$	136	85.7	56
R_1	125	79	50

Card 7/8

Card 8/8

BOYKOV, G.P., kand.tekhn.nauk, dotsent; KOROLENKO, Yu.A., inzh.

Nature of the temperature field in a rectangular beam in the presence of internal heat sources. Izv. vys. ucheb. zav.; energ. 4 no.11: 84-86 N '61. (MIRA 14:12)

1. Tomskiy ordena Trudovogo Krasnogo Znameni politekhnicheskiy institut imeni S.M.Kirova. Predstavlena kafedroy teoreticheskoy i obshchey teplotekhniki.

(Thermodynamics)

KOROLENKO, Yuriy Ar[illegible]yevich, kand.tekhn.nauk, dotsent

Design of safety fuse links for operation as long-term overload protectors. Izv.vys.ucheb.zav.; elektromekhanika 8 no.6:715-717 '65. (MIRA 18:8)

1. Chelyabinskiy politekhnicheskiy institut.

ZAGROMOV, Yu.A.; KOROLENKO, Yu.A.

Heat emission of a vertical row of horizontal pipes in the case of free air convection. Izv.TPI 137:52-58 '65.
(MIRA 19:1)

NESHPOR, V.S.; KOROLENKO, Yu.I.; KARAL'NIK, S.M.

Studying the characteristic absorption of X radiation from transitional elements of the first group by their silicides. Ukr.fiz.zhur. 5 no.6:826-864 N-D '60. (MIRA 14:4)

1. Kiyevskiy ordena Lenina gosudarstvennyy universitet im. T. G. Shevchenko i Institut metallokermiki i spetsial'nykh splavov AN USSR, g. Kiyev.

(Absorption)
(Transition metal silicides)

NESHPOR, V.S.; NIKOLAYEVA, L.G. [Nikolaieva, L.H.]; KARAL'NIK, S.M.; KOROLENKO, Yu.I.

Investigation of the characteristic absorption of X rays in silicides of transition metals. Ukr.fiz.zhur. 4 no.6:814-815 N-D '59. (MIRA 14:10)

1. Kiyevskiy gosudarstvennyy universitet im. T.G.Shevchenko i Institut metallokeramiki i spetsial'nykh splavov AN USSR.
(X-ray absorption) (Transition metal silicides)

BASKO, P.T., kand. tekhn. nauk; KOROLENKO, Yu.I.

Using an electron microscope for studying the surface of "SPR" machine parts worn out by thread rubbing. Leh. prom. no.3:41-43 Jl-S '65. (MIRA 18:9)

KOROLENOK, K. KH.

Korolenok, K. Kh. "A classification of illusions in spatial orientation and conditions of its occurrence," In the collection: Voprosy klinich. psikhiatrii, (Irkutsk), 1948, p. 33-50.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 18, 1949).

KOROLENOK, K. KH.

Korolenok, K. Kh. "The syndrome of 90-degree revolution," In the collection: Voprosy klinich. psikhiatrii, (Irkutsk), 1948, p. 51-68.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 18, 1949).

KOROLENOK, K. KH.

Korolenok, K. Kh. "Amentia, delirium, and stupor," In the collection: Voprosy klinich. psikhiatrii, (Irkutsk), 1948, p. 121-31

SO: U-3736, 21 May 53 (Letopis 'Zhurnal 'nykh Statey, No. 18, 1949).

KOROLENOK, K. KH.

Korolenok, K. Kh. and Khrenov, B. M. "An analysis of two cases of pathological intoxication In the collection: Voprosy klinich. psikhiatrii, (Irkutsk), 1948, p. 151-64.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 18, 1949).

KOROLENOK, K. KH.

Korolenok, K. Kh. "on the role of perdeptor-and after-images in the process of perception, In the collection: Voprosy klinich. psikhiatrii, (Irkutsk), 1948, p. 181-95.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 18, 1949).

Korolenok, K. Kh. and Khrenov, B. M. "On the vascularpsychiatric view of pathological intoxication," In the collection: Voprosy klinich. psikhiatrii, (Irkutsk), 1948, p. 203-12.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 18, 1949).

KOROLENOK, K. Kh., Doc of Med Sci -- (diss) "Loss of the Ability to Orient in Space," Leningrad, 1959, 25 pp (Leningrad State Institute for the Improvement of Physicians im S. M. Kirov) (KL, 8-60, 118)

KOROLENOK, K.Kh.

Experimental investigation of some mechanisms in normal and abnormal space orientation. Vop. psikhol. 6 no. 6:131-136 N-D '60. (MIRA 13:12)

1. Kafedra psikhiatrii Kurskogo meditsinskogo instituta.
(Orientation)

KOROLENOK, K.Kh.

Optic and haptic forms of the phenomenon "jamais éprouvé". Zhur. nerv. i psikh. 61 no. 1:86-90 '61. (MIRA 14:4)

1. Kafedra psikhiatrii (zav.-dotsent K.Kh. Korolenok) Blagoveshchenskogo i Kurskogo meditsinskikh institutov.
(MEMORY) (BRAIN—DISEASES)

S/245/62/000/006/006/006
D222/D307

AUTHORS: Korolenok, K. Kh. and Yakubov, B. A.

TITLE: On some forms of spatial disorientation in pilots during flight

PERIODICAL: Voprosy psikhologii, no. 6, 1962, 63-68

TEXT: Classification and statistical data are given for 184 cases of spatial disorientation observed during 1944-1960. The two main classes are: (a) disorientation within the coordinate planes (82.6%) and (b) disorientation w.r.t. locality (17.4%). Under the first heading are discussed: illusory evolution, i.e. illusions of curvilinear flight with a rectilinear trajectory (62%); unnoticed curvilinear evolution (7.6%); loss of coordinate orientation (4.3%); illusion of inverted (upside down) flight (8.7%). Under the second heading are discussed: illusory rotation of the environment in the horizontal plane (4.9%); nonrecognition of familiar locality (12.5%). The conditions under which these disturbances arise most often are flight in clouds, at night, and under

On some forms of ...

complex meteorological conditions, i.e. when the natural horizon is not visible and ground cues for orientation are not available. Such factors as theoretical and practical training, intoxication by alcohol, postinfectional asthenia, fatigue and depression also influence the appearance of disorientation. There are 3 tables.

Card 2/2

KOROLENOK, K.Kh., prof.

Syndrome of turning of the surroundings in a vertical plane in delirium tremens and alcoholic antabuse tests. Sbor. trud. Kursk. gos. med. inst. no.16:349-353 '62. (MIRA 17:9)

1. Iz kafedry psikhiatrii (zav. - prof. K.Kh. Korolenok) Kurskogo meditsinskogo instituta.

KOROLENOK, K.Kh. (Kursk)

Demarcation of illusions of memory and cryptomnesia. Trudy Gos. nauch.-issl. inst. psikh. 40 :49-54 '63 (MIRA 17:7)

Clinical and professional significance of illusions of the orientation in space. Ibid.:55-64

KOROLENOK, K.Kh.; UMANSKIY, L.I.

Some disturbances of space components in the perceptions and ideas of the healthy and sick people. Uch. zap. MGPI no.94: 311-335 '63. (MIRA 18:6)

L 42979-65 EWT(m)/EWP(j)/T Pc-4 RM S/0289/64/000/003/0095/0104

ACCESSION NR: AP5009428

AUTHOR: Torgov, V.G.; Nikolayev, A.V.; Mikhaylov, V.A.; Korolenok, L.N.; Stadnikova, L.G.; Kotlyarevskiy, I.L.

TITLE: Study of the extraction of uranyl nitrate by some derivatives of pyridine-N-oxide

SOURCE: AN SSSR. Sibirskoye otdeleniye. Izvestiya. Seriya khimicheskikh nauk, no. 3, 1964, 95-104

TOPIC TAGS: uranyl nitrate extraction, uranium refining, pyridine oxide derivative, peroxyacetic acid, distribution isotherm, tributyl phosphate

ABSTRACT: The article describes new compounds of uranyl nitrate with derivatives of pyridine-N-oxide (synthesized by oxidizing the corresponding pyridines with peroxyacetic acid), and discusses the mechanism of extraction of uranyl nitrate by some of them. With regular pyridine-N-oxides containing one $N \rightarrow O$ group, uranyl nitrate forms compounds of the composition $UO_2(NO_3)_2 \cdot 2PyOx$; with molecules containing two $N \rightarrow O$ groups, it forms the compounds $UO_2(NO_3)_2 \cdot PyOx$. Isotherms of the distribution of uranyl nitrate between water and solutions of pyridine-N-oxides in some organic solvents at 25 ± 0.05C are plotted. The graphs show that the extraction by α-alkylpyridine-N-oxides in the region of uranyl nitrate concentrations corresponding to the linear portions

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L 42979-65
ACCESSION NR: AP5009428

of the isotherms and when tributyl phosphate is used is determined by the process

$$UO_2^{2+}\,ag + 2NO_3^-\,aq + 2PyOx_{org} \rightleftharpoons UO_2(NO_3)_2 \cdot 2PyOx_{org}.$$

To evaluate the extracting capacity of the various α-alkylpyridine-N-oxides, the equilibrium constants of this process were calculated. It was shown that these oxides are much more effective extracting agents for $UO_2(NO_3)_2$ than tributyl phosphate.

ASSOCIATION: Institut neorganicheskov khimii Sibirskogo otdeleniya Akademii nauk SSSR, Novosibirsk (Institute of Inorganic Chemistry, Siberian Branch, Academy of Sciences of the SSSR)

SUBMITTED: 10Jul64 ENCL: 00 SUB CODE: IC

NO REF SOV: 005 OTHER: 003

Card 2/2

L 61629-65 EWT(d)/EWT(l)/EEC(b)-2/EWP(l)/EED-2/EWA(h) Pm-4/Po-4/
Pq-4/Pg-4/Peb/Pk-4/Pl-4 IJP(c) BB/GG/GS

ACCESSION NR: AT5014707 UR/0000/65/000/000/0015/0027

43
B+1

AUTHOR: Korolenok-Gorskiy, L. K. 15

TITLE: Some problems in the reliability analysis of memories

SOURCE: Operativnyye i postoyannyye zapominayushchiye ustroystva (Rapid and non-volatile storage); sbornik statey. Leningrad, Izd-vo Energiya, 1965, 15-27

TOPIC TAGS: memory reliability, spare memory device, reliability analysis, computer algorithm 16

ABSTRACT: The methodology and the most important points in the reliability analysis of memories are extensively discussed. The results of the realization of algorithms on the "Ural-1" and M-20 computers indicate that: 1) the most effective reserve memories (in single-action devices) are spares with fractional multiplicity; 2) during storage and prolonged operations, the best are separate spare sections with integral multiplicity during unloaded introduction of spare systems; 3) "substitution" spares are effective even though the switching devices may have a reliability comparable to the reliability of the system; and 4) general spares with integral multiplicity and regeneration of the failing elements

Card 1/2

L 61629-65

ACCESSION NR: AT5014707

are especially expedient during unloaded inclusion of spare systems and high substitution rate. Orig. art. has: 7 formulas, 5 figures, and 2 tables.

ASSOCIATION: None

SUBMITTED: 20Jan65 ENCL: 00 SUB CODE: DP

NO REF SOV: 002 OTHER: 000

Card 2/2

L 45075-66
ACC NR: AP6025301 (A) SOURCE CODE: UR/0416/66/000/007/0071/0073

AUTHOR: Ryzhechkin, A., (Lieutenant Colonel); Prokof'yev, G., (Lieutenant Colonel); Korolev, A., (Major); Kotel'nikov, P., (Captain)

ORG: none

TITLE: Floating bridge made of river transportation facilities

SOURCE: Tyl i snabzheniye sovetskikh vooruzhennykh sil, no. 7, 1966, 71-73

TOPIC TAGS: floating bridge, bridge

ABSTRACT: A floating bridge consisting of eight platform barges of 200-ton carrying capacity each placed alongside of each other was constructed across a river in the summer of 1965. The river was 97 m wide with 1.76 m of maximum depth and the speed of the current was 0.42 m/sec. The barges were paired, and the distance between the barges was 7 m. The removable section of the bridge, for the passage of boats, was 23 m wide, and it could be removed by means of a

Card 1/2

L 45075-66
ACC NR: AP6025301

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824810011-6"

tugboat, an operation which required only 10 min. The authors list the advantages of this type of floating bridge. Orig. art. has: 3 figures. [DW]

SUB CODE: 19/ SUBM DATE: none/

Card 2/2 blg

KOROLEV, A., zootekhnik

Best method of marking cattle. Zhivotnovodstvo 20 no. 7:59 Jl '58.
(MIRA 11:8)

1. Kolkhoz "13 let Oktyabrya," Chamzinskogo rayona Mordovskoy ASSR.
(Agricultural implements)

KOROLEV, A., inzh.; SIDOROV, P., inzh.

Preventing accidents in operating magnetic and grab cranes. Bezop. truda v prom. 4 no.12:22 D '60. (MIRA 14:1)
(Cranes, derricks, etc.—Safety measures)

1. KOROLEV, A., ENG.

2. USSR (600)

4. Coal Mines and Mining

7. Twenty-four hour schedule on sloping seam. Mast. ugl. 1, no. 9, 1952.

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

KOROLEV, A.

Young Communists striving for flight safety. Grazhd. av. 15 no.3:8-10 Mr '58. (MIRA 11:5)

1. Zamestitel' sekretarya komsomol'skogo byuro aviatsionnogo podrazdeleniya, Vladivostok.
(Arronautics, Commercial--Safety measures)
(Communist youth league)

SADOVSKIY, S. (Novomoskovsk, Tul'skaya oblast'); KOROLEV, A. (Novomoskovsk, Tul'skaya oblast'); BARSKIY, I. (Novomoskovsk, Tul'skaya oblast')

Prophylaxis and more prophylaxis! Okhr. truda i sots. strakh. 5 no.9:25-28 S '62. (MIRA 16:5)

1. Direktor Novomoskovskogo khimicheskogo kombinata (for Sadovskiy). 2. Predsedatel' zavodskogo komiteta Novomoskovskogo khimicheskogo kombinata (for Korolev). 3. Glavnyy vrach mediko-sanitarnoy chasti Novomoskovskogo khimicheskogo kombinata (for Barskiy).
(NOVOMOSKOVSK (TULA PROVINCE)--CHEMICAL INDUSTRIES)--HYGIENIC ASPECTS)

KOROLEV, A.

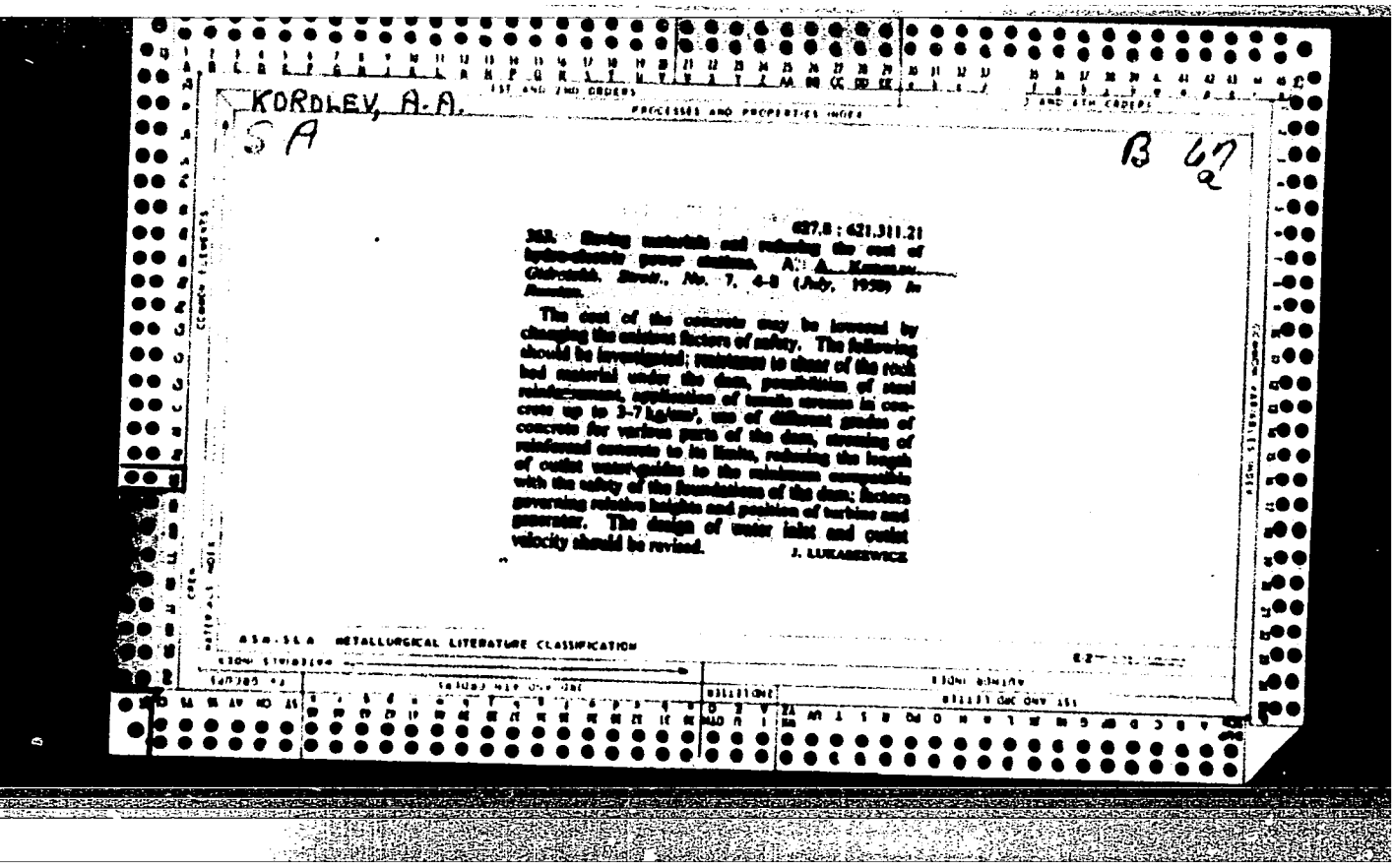
New curricula and programs for the training of tractor and machine operators. Prof.-tekh. obr. 22 no.1:12 Ja '65. (MIRA 18:4)

KOROLEV, A. A.; SOFRONOV, F. P.

Asbestos

Mechanization of laborious processes at asbestos concentrating plants. A. A. Korolev, F. P. Sofronov. Mekh. trud. rab. 6, No. 6, 1952.

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



KORDLEV, A.A.

SA

B 67

627.8 : 621.311.21

353. Saving materials and reducing the cost of hydroelectric power stations. A. A. Kordlev. Gidrotekh. Stroit., No. 7, 4-8 (July, 1958) In Russian.

The cost of the concrete may be lowered by changing the existing factors of safety. The following should be investigated: resistance to shear of the rock bed material under the dam, possibilities of steel reinforcement, application of tensile stresses in concrete up to 3-7 kg/cm², use of different grades of concrete for various parts of the dam, screening of reinforced concrete to its limits, reducing the length of outlet waterguides to the minimum compatible with the safety of the foundations of the dam; factors governing relative heights and positions of turbine and generator. The design of water inlet and outlet velocity should be revised.

J. LUKASIEWICZ

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

KOROLEV , A. A.

USSR/Engineering - Hydraulics, Power Stations May 52

"Overflow Diversion-Type Hydroelectric Power Station," A. A. Korolev, Cand Tech Sci, L. K. Domanskiy, Engr

"Gidrotekh Stroit" No 5, pp 36-38

Discusses method for use of river when high waters flood power-station buildings. Says arrangement permits concrete overflow weir in river bed to be replaced by earth dam, thus reducing cost of construction works. States that powerhouse was designed in 2 variations, illustrating both by drawings.

230T17

KOROLEV, A. A., LOTAREYCHIK, M. S. ENGINEER

Hydraulic engineering

Anchoring arrangement in rock formation. Gidr. stroi. 21 No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952, Uncl.

KOROLEV, Aleksandr Aleksandrovich; MOZHEVITINOV, A.L., redaktor; ZABRODINA, A.A., tekhnicheskiy redaktor

[Chanels of hydroelectric power stations] Kanaly gidroelektricheskikh stantsii. Moskva, Gos. energ. izd-vo, 1956. 175 p. (MLRA 9:11)
(Hydroelectric power stations)

KOROLEV, A.A.

AUTHOR: Korolev, A.A., Candidate of Technical Sciences 98-7-1/20

TITLE: San'myn'sya (Shan-Men-Shia) Hydroelectric Power Plant on the Khuankhe (Hwang Ho) River (Gidrouzel San'myn'sya na r. Khuan-khe)

PERIODICAL: Gidrotekhnicheskoye Stroitel'stvo, 1957, # 7, p 1-6 (USSR)

ABSTRACT: In 1954, plans for the complete exploitation of the Hwang Ho river were made by the Chinese People's Republic. From Guyde to the mouth of the river, a distance of 3,750 km with a drop of 2,537 m, 46 hydroelectric power plants are to utilize a total head of 2,110 m for a planned output of 23 million kw. Besides this, the project calls for the use of water for irrigation purposes and flood control. The San'-myn'-sya hydroelectric power plant is one of this system and it will supply a large-scale power network located within the Shensi, Shansi and Hopei provinces. The reservoir of the San'myn'sya hydroelectric power plant is located 950 km from the mouth of the river, has a storing capacity of 65 billion cu m, and is covering an area of 3,500 sq km. The power plant will have a rated capacity of 1,100,000 kw and a minimum guaranteed capacity of 525,000 kw, with an ex-pected average annual output of 6 billion kwh. The spillway

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98-7-1/20

San'myn'sya (Shan-Men-Shia) Hydroelectric Power Plant on the Khuankhe (Hwang Ho) River

dam will be equipped with 12 deep-seated and 2 surface out-lets, with a total capacity of 4,500 cu m/sec. The hydro-electric power station will have a passing capacity of 1,500 cu m/sec. Construction of this installation was scheduled to begin in February 1957 and to be completed by the fall of 1962. After filling the reservoir, 216,000 hectares of arable land will be inundated, necessitating the evacuation of 2,076 settlements and 871,000 persons. There are 1 map and 3 diagrams.

AVAILABLE: Library of Congress

Card 2/2

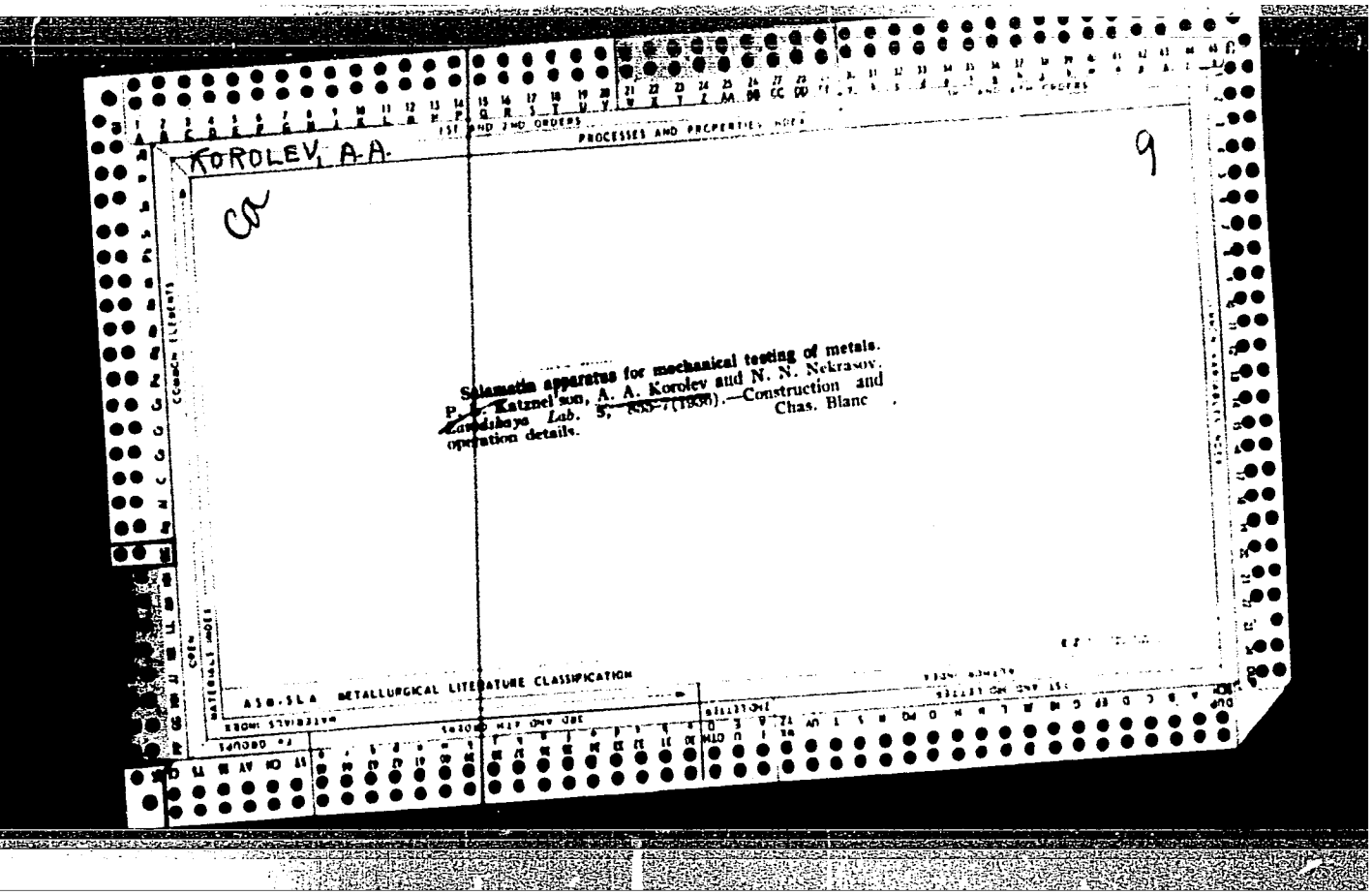
KOROLEV, Andrey Andreyevich

[Mechanical equipment of rolling mills] Mekhanicheskoe oborudovanie prokatnykh tsekhov. Moskva, Metallurgiia, 1965. 515 p. (MIRA 18:12)

GRUDEV, P.I.; TERENT'YEV, V.S., kand. tekhn. nauk; KOROLEV, A.A., prof.

Book reviews. Stal' 25 no.12:1116-1119 D '65.
(MIRA 18:12)

1. Nauchno-issledovatel'skiy institut tyazhelogo mashinostroyeniya Ural'skogo mashinostroitel'nogo zavoda (for Terent'yev). 2. Moskovskiy vecherniy metallurgicheskiy institut (for Korolev).



KOROLEV, A. A.

PA 17/49T30

Nov 48

USSR/Engineering
Metallurgical Plants
Standardization

"Some Problems in the Unification and Standardisation of Metallurgical Equipment and Specialization in Factories of the Heavy Machine-Building Industry," A. D. Kuz'min, Engr, TsKBM, A. A. Korolev, Cand Tech Sci, TsNIITMash, 2 pp

"Vest Mashinostroy" No 11

Discusses prerequisites for introduction of standardization and specialization in steel shops, giving order of priority for their application to various processes.

17/49T30