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Technical Control in Coal (Cont.)

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Appendix

Bibliography

AVAILABLE: Library of Congress

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TM/ajr
9/11/59

TRUSHLEVICH, I. V.

Flotation

Determining the exact duration of efficient flotation of coal sludge on the basis of a study of kinetics of flotation of petrographically different kind of coal. Ugl' 28, No. 2, 1953.

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

OGLOBLIN, Nikolay Dmitriyevich; ~~TRUSHLEVICH, Igor' Viktorovich~~; SIMONOV,
K.A., otv.red.; GARBER, T.N., red.izd-va; KOROVENKOVA, Z.A.,
tekhn.red.

[Technical control in coal preparation plants] Tekhnicheskii
kontrol' na ugleobogatitel'nykh fabrikakh. Moskva, Ugletekhizdat,
1958. 210 p. (MIRA 12:2)

(Coal preparation--Quality control)

TRUSHLEVICH, V. I., Prof.

Flotation

Analysis of the consecutive recording method of qualitative flotation schemes. Nauch. trudy
Mosk. gor. inst., No. 3, 1950.

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

TRUSHLEVICH, V. I.
OLOFINSKIY, N.P.; TRUSHLEVICH, V.I., doktor, professor, retsenzent; ZHEBROVSKIY,
S.P., doktor, professor, retsenzent; MAKARENKO, N.P., redaktor; PAR-
TSEVSKIY, V.N., redaktor; MIKHAYLOVA, V.V., tekhnicheskiy redaktor

[Electrical methods of ore concentration] Elektricheskie metody
obogoshchenia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi
i tsvetnoi metallurgii, 1953. 288 p. (MLRA 7:9)
(Ore dressing)

TRUSHLEVICH4V8I8

600

1. TRUSHLEVICH, V. I.
2. USSR (600)

Professor. Chairman of the Concentration Section of VNITO. "The All-Union Conference for the Concentration of Mineral Resources" Tsvet. Met. 14, No. 10-11, Oct-Nov 1939.

9. Report U-1506, 4 Oct 1951.

TRUSHLEVICH, V.I.,
N. P. CHIZHEVSKII, Trans. All-Russian Sci-Tech. Mining
Congr., 1st Congr. VIII, 178-204 (1928)

TRUSHLEVICH, I. V.

"Deep Flotation of the Coal Slimes With Poor Enrichment Properties for Increasing the Yield of Concentrate for Coking." Thesis for degree of Cand Technical Sci. Sub 8 Jun 50, Moscow Mining Inst imeni I. V. Stalin

FDD Summary 71, 4 Sep 52, Disertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva. Jan-Dec. 1950.

TRUCHNEVICH, I. V.

LAND Techn Sci

Dissertation: "Deep Flotation of the Coal Slimes with Poor Enrichment Properties
for Increasing the Yield of Concentrate for Coking."

8/6/50

Moscow Mining Inst imeni L. V. Stalin

SO Vecheryaya Moskva
Sum 71

TRUSHIN, V. F.

Lime

Lowered norm of lime application., Sov. agron, 10, no. 2, 1952

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

TRUSHIN. V. F.

Fertilizers and Manures

Lowered norm of lime application. V. F. Trushin., Sov. agron., 10, no. 2, 1952

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

117 AND 118 CODES

PROCESSES AND PROPERTIES INDEX

1. C

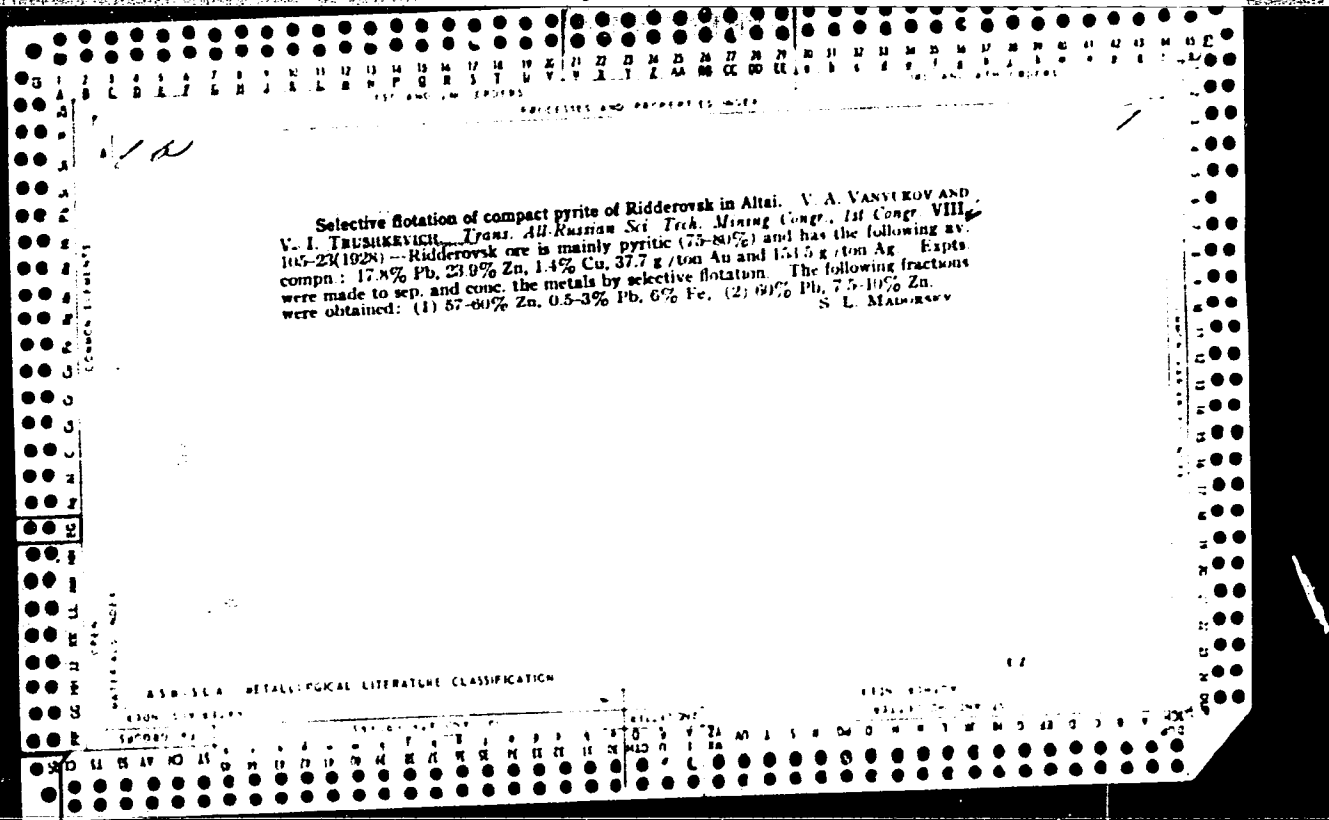
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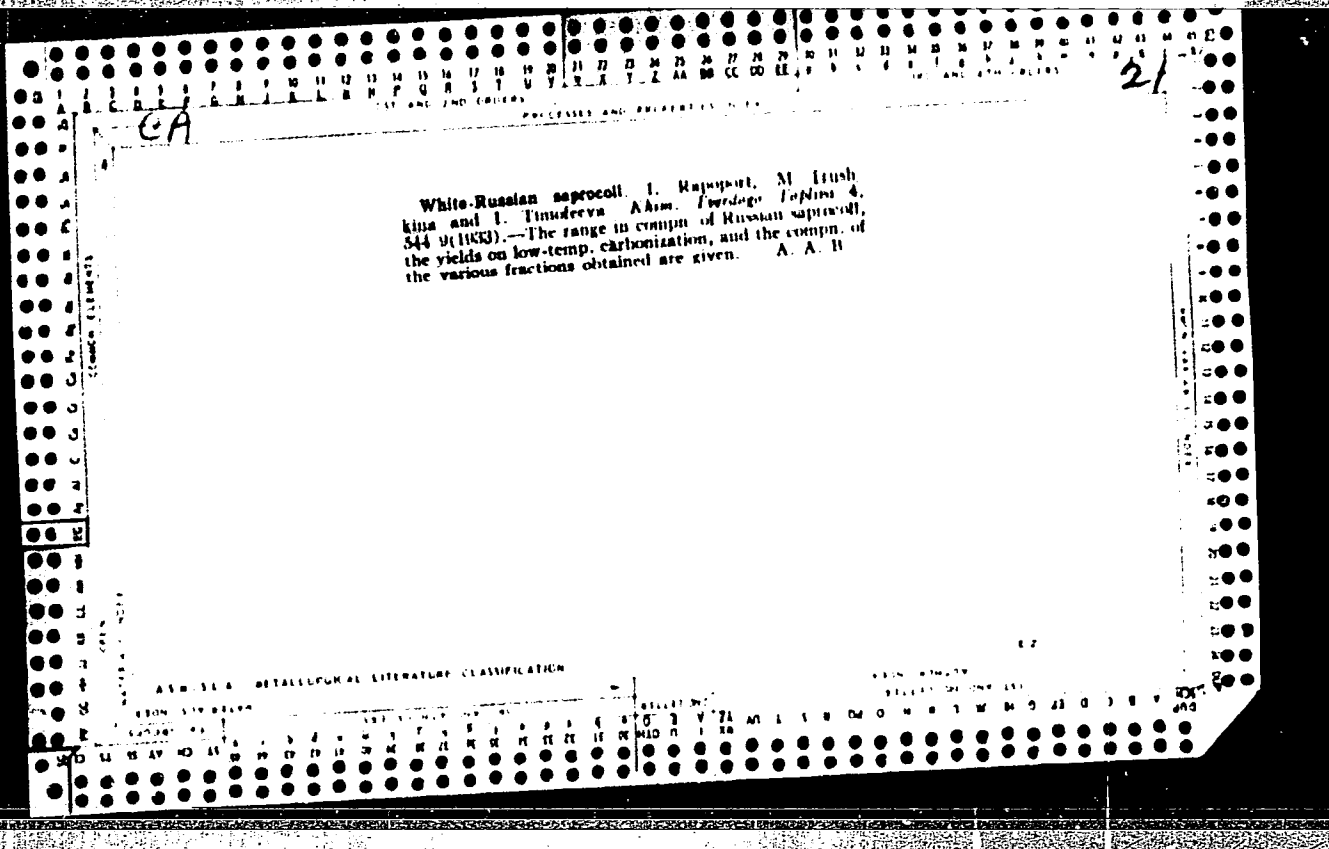
The toxin of the whooping-cough organism. E. P. Trushina, V. I. Pekhleitskaya and O. S. Murav'eva. *J. Microbiol., Epidemiol. Immunobiol.* (U. S. S. R.) 14, 65-70 (1935). — The filtrate of a bouillon culture of the Bordet-Gengou organism shows specific antigenic characteristics after the removal of albumin. The toxic characteristics are retained after pptn. with alc. and drying in a desiccator. Heating on a water bath for 2 hrs. and autoclaving does not completely destroy the organism. An anatoxin with antigenic properties is formed by the action of formalin on the toxin. S. A. Karjala

ASB-11A METALLURGICAL LITERATURE CLASSIFICATION

117 AND 118 CODES

117 AND 118 CODES





15

ca

Brown coal as a fertilizer. A. O. Ivanov and N. I. Trukhina. *Trans. Soc. Inst. Fertilizers Insectofungicides (U. S. S. R.)* No. 127, 98-131 (1936).—Raw and ammoniated brown coal was used in fertilizer crops. In general the raw coal was not effective, except in some cases on light soils. With carrots the raw coal tends to increase the sugar content. The ammoniated coal proved to be a good source of N. J. S. Joffe

1ST AND 2ND DEGREE PROCESSES AND PROPERTIES INDEX

COMMON ELEMENTS

MATERIAL INDEX

ASS-5LA METALLURGICAL LITERATURE CLASSIFICATION

FROM SOURCE

REPLY ONE ONE 151

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OK

Physicochemical properties of calcium arsenates
M. Shogan and N. I. Trushkina. *Zh. Prikl. Khim.*
(J. Applied Chem.) 22: 27-40(1970). Two groups of Ca
arsenates are obtained. The first includes $4CaO \cdot As_2O_5 \cdot 2H_2O$ (I) and $3CaO \cdot As_2O_5 \cdot 10H_2O$ (II), and is characterized
by high soly. in the pH range 7.5-10. The aq. suspension
of I has a pH = 9.6, and, in titration with HCl in the pres-
ence of phenolphthalein, final neutralization takes place
when about 11% CaO has been titrated. The aq. suspen-
sion of II has pH 9.1, and is neutralized when about 5.0%
CaO has been consumed by the titration. The second
type, including $3CaO \cdot As_2O_5 \cdot 2H_2O$ and its solid solns. with
 $Ca(OH)_2$, shows a CaO:As₂O₅ ratio of 3.2-3.8; it is char-
acterized by low soly. in the pH range 7.5-10; the aq.
suspension has pH 8.3-8.6, and neutralization corresponds
to consumption of about 1-2% CaO. Possibly, the dif-
ferences between the 2 types are due to differences in crys-
tal lattice structures. Detns. of soly. as a function of the
pH and titration provide a means of identification of the
phase compn. of con. Ca arsenate prepns. N. Thon

9

Estimation of results of flotation. V. I. Trushlevich.
Gorno-Obogatitel. Zhur. No. 8, 36-44(1956).
Treatment with applications to coal, Cu and polymetallic
ore flotation. B. Z. Kamich

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

PROCESSING AND PROPERTIES UNDER
HEAT AND TENSILE STRESS

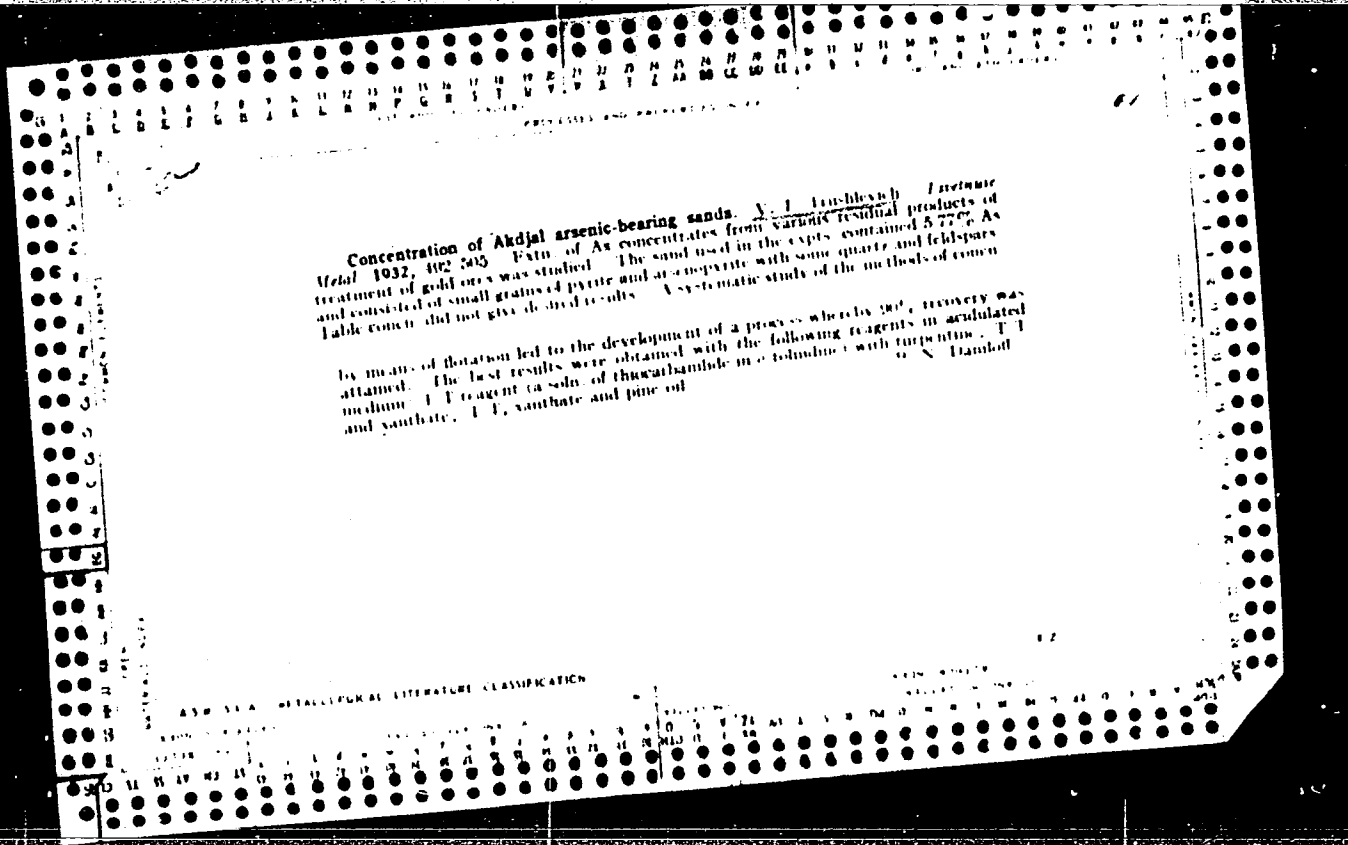
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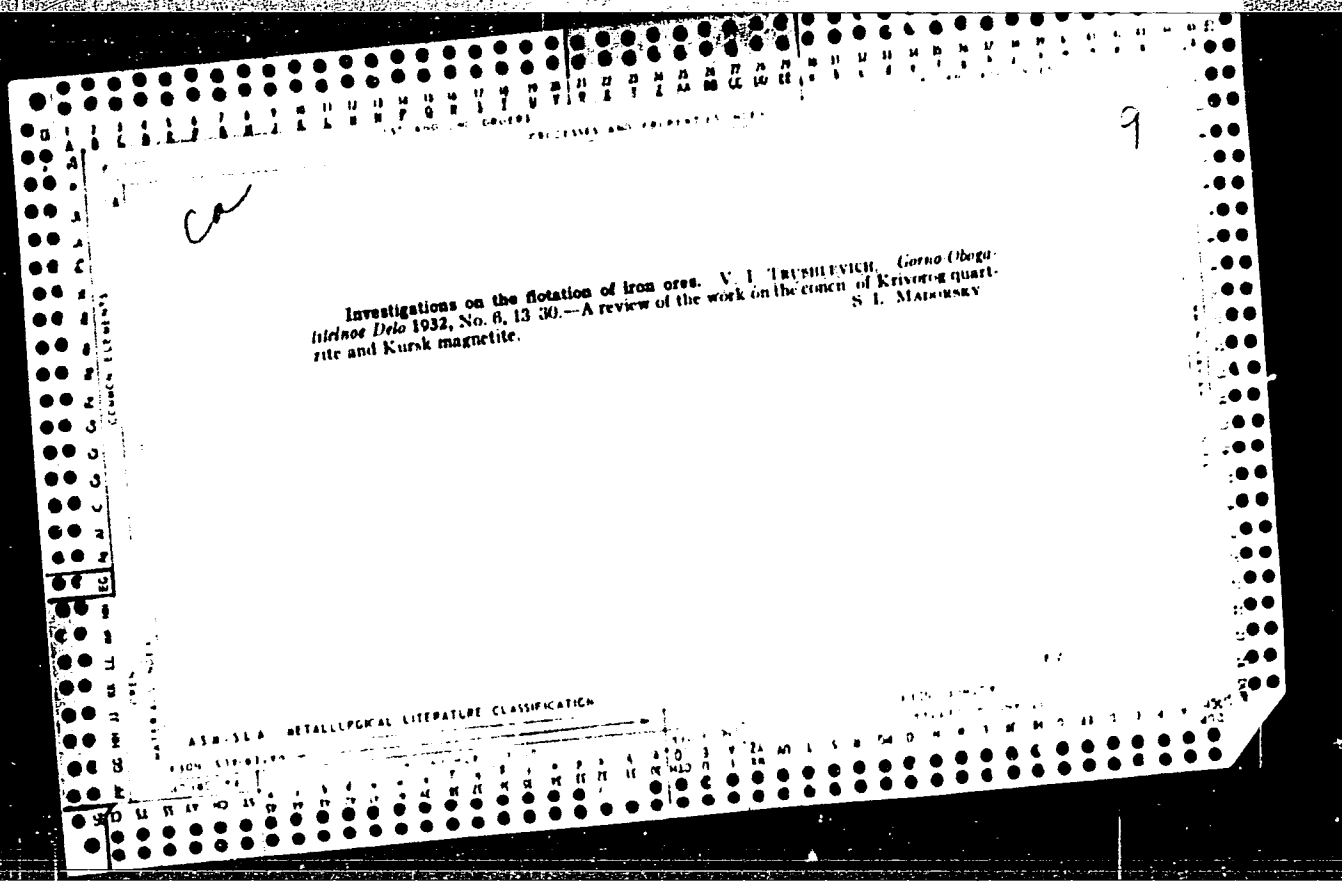
CA

The concentration of Turiansk lead ore. V. I. TRUSHILEVICH AND K. A. SIMONOV.
Tekhnicheskii Metal. 1931, 173-203.—Turiansk Pb ore contains Pb 18.04, Fe 32.46, Al₂O₃
 1.63, SiO₂ 8.45, Ca 5.43, Mg 0.69, Zn 3.68, S 0.49% and 0.8 g. Au and 30 g. Ag per ton.
 Most of the Pb is in the form of cerussite. In one series of expts. the ore was concd. by
 flotation in one step, with the use of 17 different reagents. Concentrates comprising
 24.75% of the ore by wt. and contg. 51.0% Pb, which is 83.1% of the original Pb content,
 were obtained. In a second series of expts. a preliminary wet or dry treatment on a
 concn. table was followed by an ordinary flotation process. Both methods yield about
 the same results; however, the one-step method is simpler and should be preferred.
 Expts. were also conducted on the concn. of Zn in the tailings, but with neg. results.
 S. L. MADORSKY

METALLURGICAL LITERATURE CLASSIFICATION

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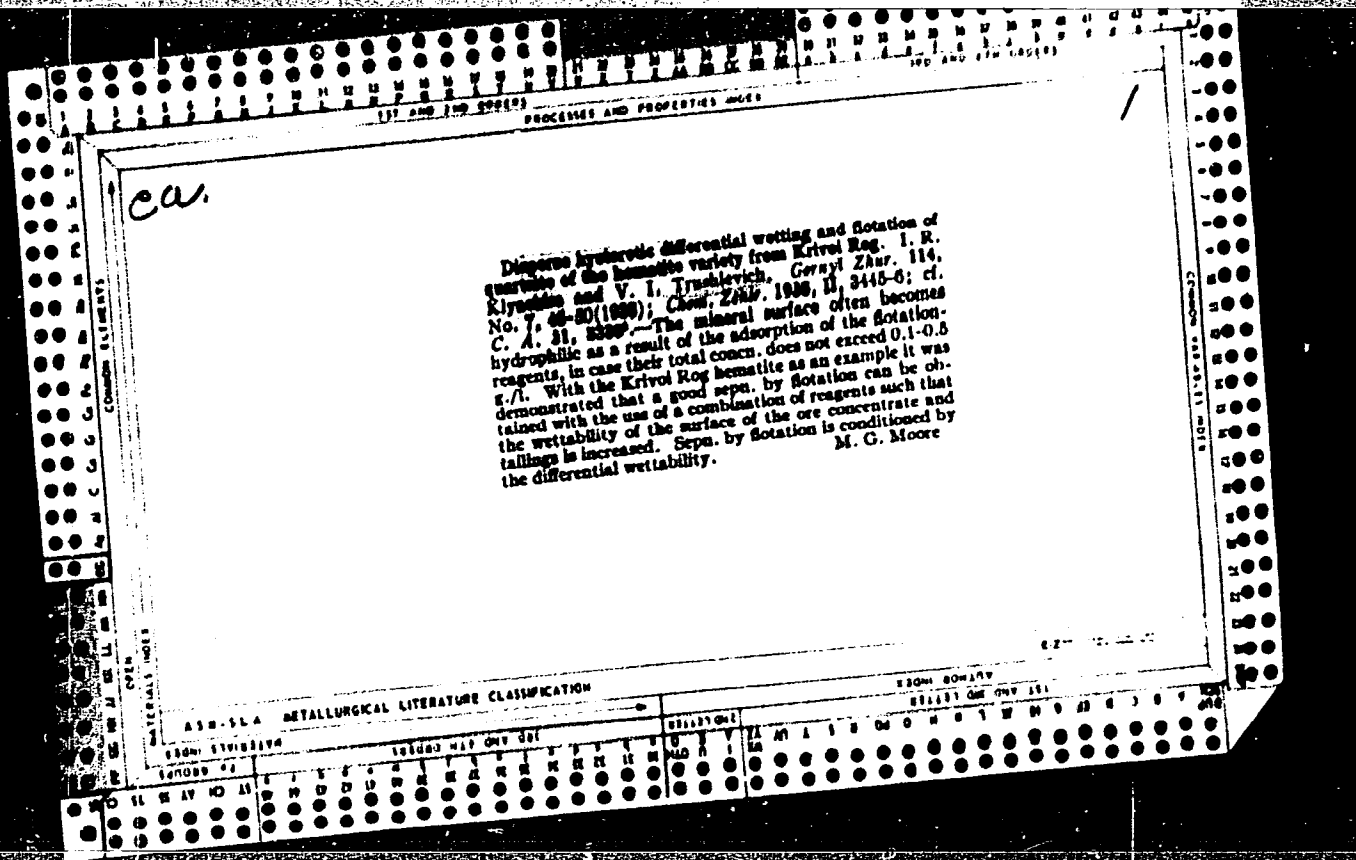
9

ca

Influence of pulp classification upon flotation. V. I. Trublyevich and L. M. Alexeev. *Tsvetnaya Metal.* 1933, No. 7, p. 43.—The authors investigated the influence of dry and wet classification of pulp on flotation, and studied the economic factors and schemes of the most profitable grinding with classification, both in lab. and com. dressing plants. Flotation of classified pulp ground to 65 mesh and coarser gave results superior to flotation of material through 200 mesh. B. N. Dantloff

ASSOCIATION OF METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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TRUSHLYAKOV, V.P.; BEREZHINSKIY, A.I.; SPIVAK, M.Ya.; FINOGYEV, I.A.;
LIPETS, A.U.; AYZEN, B.G.; KOSTOVETSKIY, D.L.; BOLDZHI, K.I.;
YAMPOL'SKIY, S.L.; FEDOTOV, D.K.; KIRILLOV, I.I.; OSHEROV, S.Ya.;
FYSIN, V.A.; OGLOBLIN, G.A.; KAHAYEV, A.A.; BULEGA, S.S.;
BORUKHMAN, V.A.; IOEL'SON, V.I.

Inventions. Energ. i elektrotekh. prom. no.3:48-49 J1-S '64.
(MIRA 17:11)

TOKOREV, V., gruppovoy mekhanik; KOSOV, M., mekhanik; TRUSHNIKOV, G.,
mekhanik; ZHARINOV, N., mekhanik

Good helper for mechanics ["Refrigerator plants on ships" by
A.G.Aksenov. Reviewed by V.Tokarev and others]. Rech.transp. 20
no.6:30 Je '61. (MIRA 14:6)

1. Teplokhod "Chernyshevskiy."
(Refrigeration on ships)
(Aksenov, A.G.)

TRUSHNIKOV, I., prepodavatel'

Let's systematically check the home assignments. Prof.-tekh.
obr. 20 no.9:27-28 3 '83. (MIRA 16:11)

1. Ardatovskoye uchilishche mekhanizatsii sel'skogo
khozyaystva Mordovskoy ASSR.

TRUSHNIKOV, I., preodavatel'

Let's give more attention to machine operators! Prof.-tekh. obr.
20 no.1:21 Ja '63. (MIRA 16:2)

1. Ardatovskoye uchilishche mekhanizatsii sel'skogo khozyaystva
No.8, Mordovskaya ASSR.
(Farm mechanization--Study and teaching)

TRUSHNIKOV, I., prepodavatel'

Test papers during the study of a technical subject.
Prof.-tekh.obr. 22 no.11:15-16 N '65.

(MIRA 18:12)

1. Ardatovskoye sel'skoye professional'no-tekhnicheskoye
uchilishche No.8, Mordovskaya ASSR.

THE BIRTH, Ye. K.

Pregnancy, Complications of

Progressing 31-32 weeks pregnancy in the presence of full-term pregnancy with retained fetus in the rudimentary cornus of four years duration. Akush. i gii., No. 5, 1952.

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

Progression, V. K.

Fetus

Progressing 31-32 weeks pregnancy in the presence of full-term pregnancy with retained fetus in the rudimentary cornus of four years duration. Akush. i gin. No. 5, 1952.

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

EXCERPTA MEDICA Sec 16 Vol 7/R Cancer August 59

3449. **Functional disturbances in patients with cancer of the breast**
(Russian text) TRUSHNIKOVA E. V. Med. Inst., Cheliabinsk *Vopr. Onkol.* 1958. 1: 6
(702-707) Tables 4

Data referring to 120 breast cancer patients and 100 healthy women were analysed. In the cancer group there were 5.8% unmarried women (1% in the control group); 17.5% (7%) were married but had never been pregnant; 2.5% (1%) had been pregnant but had had no delivery; 4.1% (1%) had delivered but had had no lactation. The mean number of pregnancies, children, and periods of lactation was much lower in the cancer group. In this group sexual intercourse had begun at a later period of life than in the control group. Sexual disturbances were 3 times more frequent in the cancer group

_____ A
_____ potassium in mixed KCl-KBr
TITLE: X-ray _____

positions exhibited are approximately 3611 eV for KBr and the
main peak is at approximately 3613 eV for KBr. The depend-

TRUSHNIKOVA, Ye.V. Cand Med Sci -- (diss) "Clinical morphological evaluation of ~~the~~ factors effecting the course and prognosis of cancer of the mammary gland." Len, 1956, 24 pp (State Order of Lenin Inst for the Advanced Training of Physicians in S.M. Kirov) 200 copies (KL, 28-58, 111)

- 107 -

TRUSHNIKOVA, Ye.V. (Chelyabinsk, Chelyabstroy, D. 34, kv. 1)

Functional disorders in breast cancer [with summary in English].
Vop.onk. 4 no.6:702-707 '58. (MIRA 12:1)

1. Iz kafedry gosptal'noy khirurgii (zav. - prof. G.D. Obrastsov)
Chelyabinskogo meditsinskogo instituta (dir. - prof. G.D. Obrastsov,
nauchnyy rukovoditel' - prof. S.A. Kholdin).

(BREAST NEOPLASMS, physiol.
procreative & sexual funct. (Rus))

(SEXUAL BEHAVIOR,
in breast cancer (Rus))

(REPRODUCTION,
procreative funct. in breast cancer (Rus))

TRUSHNIKOVA, Ye.V.

Bilateral cancer of the breast. Vop.onk. 7 no.12:51-55 '61.
(MIRA 15:1)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. G.D. Obraztsov)
Chelyabinskogo meditsinskogo instituta (dir. - dots. P.M.
Tarasov).

(BREAST—CANCER)

TRUSHNIKOVA, Ye. V.

Benign tumors of the stomach (according to data from the Surgical
Clinic of Chelyabinsk Medical Institute). Vop. onk. 7 no.9:93-97
'61. (MIRA 14:12)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. G. D. Obratsov)
Chelyabinskogo meditsinskogo instituta (dir. - dots. P. M. Tarasov)

(STOMACH—TUMORS)

TRUSHINSKIY, Z.K.

Causes of the inconsistent data of the electrophoretic study
of protein fractions in the blood serum in myocardial infarct.
Lab.delo 9 no.3:8-12 Mr '63. (MIRA 16:4)

1. Kafedra propedevtiki vnutrennikh bolezney (zav. - prof.
A.A.Shelagurov) lechnogo fakul'teta II Moskovskogo meditsinskogo
instituta imeni N.I.Pirogova. (ELECTROPHORESIS) (BLOOD PROTEINS)
(HEART---INFARCTION)

TRUSHKOV, Yu.N.; ROZHKOV, I.S., otv. red.

[Geology of placers in Yakutia] Geologiya rossypei Iakutii.
Moskva, Nauka, 1964. 205 p. (MIRA 17:11)

1. Akademiya nauk SSSR. Yakutskiy filial, Yakutsk. Institut
geologii. 2. Chlen-korrespondent AN SSSR (for Rozhkov).

TRUSHTALEVSKAYA, Ye.A.; KUZ'MIN, Yu.G.

Sand paint-grinders and their operating conditions. Lakokras.mat.i
ikh prim. no.1:76-79 '61. (MIRA 14:4)
(United States--Paint industry--Equipment and supplies)

KUZ'MIN, Yu.G.; TRUSHTALEVSKAYA, Ye.A.

Thinning and dispersion of pigments in binders. Lakokras.mat.
i ikh prim. no.2:86-87 '61. (MIRA 14:4)

(Paint materials)

TRUSIKHIN, N.

Wages at the experimental factory. Sots.trud 4 no.5:118-121
My '59. (MIRA 12:8)
(Moscow--Machinery industry) (Wages)

KULRYAVTSEV, V.; TRUSIKHIN, N.

Practice in introducing an hourly-bonus wage system for
workers in experimental production. *Biul.nauch.inform.:*
trud.i zar.plata 3 no.4:31-38 '60. (MIRA 13:8)
(Machinery—Design) (Bonus system)

ZHUKOV, V.; TRUSIKHIN, N., kand.tekhn.nauk

Wages of engineering workers in experimental production. Astren.
tsir. no.205:108-112 0 '59. (MIRA 13:6)

1. Kirektor Perovskego opytного zavoda metallurgicheskogo
mashinostroyeniya.
(Machinery--Design) (Bonus system)

IZVOL'SKAYA, N.; TRUSIKHIN, N.

Reduce labor expenditures for transportation and warehouse
operations in every way possible. Sots. trud 5 no.12:71-78
D '60. (MIRA 14:6)

(Freight and freightage)
(Loading and unloading)
(Warehouses)

GURDZHIAYN, V.S.; THUSIKHIN, N.P.

Problems in improving the management organization in enterprises of the leather and shoe industry. Kozh.-obuv. prom.
2 no. 12:1-4 D '60. (MIRA 14:1)
(Leather industry--Management) (Shoe industry--Management)

TRUSIKHIN, Nikolay Pavlovich; MEDVEDEV, M.M., red.; KUZNETSOV, P.V., red.;
PONCMAREVA, A.A., tekhn. red.

[Organization of wage payments in industrial enterprises] Organiza-
tsiia zarabotnoi platy na promyshlennykh predpriatiakh. Moskva,
Gos. izd-vo planovo-ekon. lit-ry, 1961. 76 p. (MIRA 14:7)
(Wage payment systems)

ZHUKOV, Vasilii Pavlovich; TRUSIKHIN, Nikolay Pavlovich; CHERNOV, Ye.,
red.; PAVLOVA, S., tekhn.red.

[New wage system; practice of the Perovo Experimental Plant of
Metallurgical Machinery Manufacture] Novye uslovia oplaty truda;
opyt Perovskogo eksperimental'nogo zavoda metallurgicheskogo ma-
shinostroeniia. Moskva, Mosk.rabochii, 1960. 65 p.

(MIRA 13:9)

(Perovo--Machinery industry) (Wage payment systems)

✓ ANTROPOV, Boris Fedorovich; TRUSIKHIN, Nikolay Pavlovich; MAKSIMOV, A.A., red.; BOBYLEVA, L.V., red.; GERASIMOVA, Ye.S., tekhn. red.

[Improve planning in an enterprise] Sovershenstvovat' planirovanie na predpriatii. Moskva, Ekonomizdat, 1962. 77 p.
(MIRA 15:12)

(Industrial management)

ANTROPOV, Boris Fedorovich; TRUSIKHIN, Nikolay Pavlovich; MAKSIMOV,
A.A., red.; BOBYLEVA, L.V., red.; GERASIMOVA, Ye.S., tekhn. red.

[Improve planning in an enterprise]Sovershenstvovat' planirovanie
na predpriatii. Moskva, Ekonomizdat, 1962. 77 p. (MIRA 16:3)
(Industrial management)

IZVOL'SKAYA, N.; TRUSIKHIN, N.

Well organized production is the most important element of
work organization. Sots.trud 8 no.4:48-55 Ap '63. (MIRA 16:4)
(Industrial plants--Design and construction)

TRUSIKHIN, Nikolay Pavlovich; KISELEVA, L.S., red.

[Communal labor under socialism] Obshchestvennyi trud pri
sotsializme. Moskva, Vses.zaachnyi elektrotekhn.in-t svyazi,
1961. 33 p. (MIRA 14:12)
(Labor and laboring classes) (Communism)

MAKHNOVA, Vera Ivanovna; TRUSIKHIN, Nikolay Pavlovich; CHERNOV, Ye.,
red.; KUZNETSOVA, A., tekhn. red.

[Improve production administration; practice in improving the
structure of administration in the enterprises of food,
leather and shoe industries of the Moscow Economic Council] So-
vershenstvovat' upravlenie proizvodstvom; opyt uluchsheniia
struktury upravleniia na predpriatiiakh promyshlennosti pro-
dovol'stvennykh tovarov i kozhevnenno-obuvnoi promyshlennosti
Mosgorsovnarkhoza. Moskva, Moskovskii rabochii, 1961. 54 p.
(MIRA 14:12)

(Moscow Province--Food industry)
(Moscow Province--Shoe industry)

TRUSILIN, Yu.; RUSKIKH, A.

For better planning and economic accountability at grain elevators.
Muk.-elev.prom. 26 no.1:9-11 Ja '60. (MIRA 13:6)

1. Nachal'nik planovo-finansovogo otdela Vologodskogo upravleniya
khleboproduktov (for Trusilin). 2. Glavnyy bukhgalter Iskitimskogo
khlebopriyemnogo punkta Novosibirskogo upravleniya khleboproduktov
(for Ruskikh). (Grain elevators)

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ACC NR: AT5024883

SOURCE CODE: UR/2531/65/000/171/0038/0050⁵⁸

AUTHORS: Shelkovnikov, M. S.; Trusikov, N. I.

52
B+1

ORG: State Scientific Research Institute, GVF (Gosudarstvennyy nauchno-issledovatel'skiy institut, GVF)

TITLE: Flight conditions of the MI 4 helicopter along passenger routes of Crimea

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya, Trudy, no. 171, 1965. Rezul'taty issledovaniya atmosfery turbulentsnosti na vertoletnykh trassakh (Results of the investigation of atmospheric turbulence on helicopter routes), 38-50

TOPIC TAGS: aeronautics, flight characteristics, helicopter, research plane, meteorology, weather, turbulence, turbulence effect/ LI 2 cab aircraft, 3P 15 overload device, KV 11 altitude corrector, DUS 15 velocity indicator, MU 62 angle indicator

ABSTRACT: A study of helicopter flights in the lower layers of the atmosphere was made for the purpose of evaluating wind conditions, turbulence zones, and

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ACC NR: AT5024883

6

their effects upon helicopter flights. Tests were conducted along the passenger routes in Crimea in May 1962 by the State Scientific Research Institute, GVF, the Central Aerologic and Main Geophysical Observatories, the Central Institute of Forecasts, and the Department of Atmospheric Physics at the Moscow State University. The area studied is the Simferopol' - Yalta air route. A brief review of the principal geophysical and geographic characteristics of the Crimean peninsula is presented. The expedition featured observations on a programmed basis using radio-sounding, weather balloons, and flight information from an LI-2 airplane and an MI-4 helicopter. Flights were made on the windward and leeward sides of the mountain ridges and over the sea at selected altitudes. Each aircraft was equipped with an electrometeorograph, overload and pulsation complexes, a barograph, 3P-15 overload devices, KV-11 altitude corrector, central gyrovertical, angular velocity indicator DUS-15, and an MU-62 skew angle indicator. Data are presented showing the results of soundings made for a typical data run, the variation of wind velocity with height, variation of wind direction, and distribution of turbulence zones within the study area. Comparisons between observations by fixed wing aircraft and the helicopter are made, and data on the occurrence of down drafts are given. The effects of the mountain waves on flight are discussed. Orig. art. has: 6 figures and 4 tables.

SUB CODE: LS, AC/ SUBM DATE: none/ ORIG REF: 015/ OTH REF: 016

Card 2/2

ACC NR: AP6019618

(A,N)

SOURCE CODE: UR/0048/66/030/002/0271/0277

AUTHOR: Borkin, I.M.; Guzhovskiy, B.Ya.; Rudnev, V.S.; Solodovnikov, A.P.;
Trusillo, S.V.

ORG: none

TITLE: Excitation of isobaric analog states in ⁶¹Cu-59, ⁶²Cu-61, ⁶³Cu-62, ⁶³Cu-63, and
⁶⁵Cu-65 /Report, Fifteenth Annual Conference on Nuclear Spectroscopy and Nuclear
Structure, held at Minsk, 25 January to 2 February 1965/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 2, 1966, 271-277

TOPIC TAGS: nuclear reaction, inelastic scattering, proton reaction, proton scattering,
nickel, copper, Coulomb interaction, ~~Coulomb energy~~

ABSTRACT: Excitation functions of the ^ANi(p,n)^ACu reactions for A = 60, 61, 62, and
64, and inelastic proton scattering cross sections of ^ANi for A = 58, 60, 62, and
64 were measured at incident proton energies up to 8 MeV in order to determine the
^ANi-^ACu Coulomb energy differences. Targets of 0.2 mg/cm² of Ni on an Au substrate
were employed for the (p,n) measurements for proton energies up to 6.2 MeV, and
2 mg/cm² Ni foils were used for the inelastic scattering measurements and for the
(p,n) measurements at energies above 6.2 MeV. In the (p,n) measurements the neutron
yield was determined at 0° and 90°, and the inelastic proton scattering cross sections
were measured (in arbitrary units) at 90° and 160°. Resonances corresponding to

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ACC NR: AP6019618

excitation of analogous states were identified with the aid of the approximate value 9.45 MeV for the Ni-Cu Coulomb energy difference. For each mass number the Coulomb energy difference was determined from measurements of some ten resonances. The Ni^A-Cu^A Coulomb energy difference was found to be practically constant and equal to 9.226 MeV for $A = 61, 63, \text{ and } 65$ and to be about 90 keV higher for $A = 59 \text{ and } 62$. The 90 keV difference is much higher than the experimental errors, which are estimated at from 17 to 25 keV, and it is also higher than the 40 keV that the authors feel is the maximum that could be ascribed to shell effects. Orig. art. has: 1 formula, 8 figures, and 6 tables.

SUB CODE: 20 SUBM DATE: 00 ORIG. REF: 000 OTH REF: 008

Card 2/2 *LL*

BUSHTEDT, I.I., inzh.; TROITSKIY, S.K., inzh.; TRUSIN, G.V., inzh.

Waterproof material for roofs constructed without using roofing
papers. Stroil. mat. 5 no.5:10-11 My '59. (MIRA 12:8)
(Roofing) (Waterproofing)

PERETYATKO, G.I., inzh.; TRUSIY, A.F., inzh.

Six-spindle head for drilling holes and cutting threads.
Mashinostroenie no.6:85-86 N-D '65.

(MIRA 18:12)

TRUSLY, V.I., 1967/1968.

Distances of the air during underground mining of shell limestone.
Sov. nauch. trad. TGI no. 21:127-133 '63. (MIRA 17:7)

TRUS'Y, V.T.; AKSENT'YEV, A.D.

Selecting efficient cutting speeds for the KMG-3 rock cutting
machine as a factor affecting the dustiness of the air. Sber.
nauch. trud. VGR no. 23:118-121 '63 (MIRA 17:8)

TRUSKA, Z.

On Chopek Peak, p. 289.
Vol. 31, no. 10, Oct. 1954.

SOURCE: East European Accessions List. (EEAL) Library of Congress,
Vol. 5, No. 8, August 1956.

TRUSKA, Z.

Chopek Peak was reached. p. 314.
Vol. 31, no. 10, Oct. 1954.

SOURCE: East European Accessions List. (EEAL) Library of Congress.
Vol. 5, No. 8, August 1956.

TRUSKA, Z.

Chair lifts and ski lifts in Slovakia. p. 39⁴

KRASY SLOVENSKA no. 10, Oct. 1955

Czechoslovakia

Source: EAST EUROPEAN LISTS Vol. 5, no. 7. July 1956

TRUSKALOV, N.P.

Characteristics of elements used in spark-quench circuits. Vest. svyazi
18 no.7:13-15 J1 '58. (MIRA 11:9)

1. Starshiy inzh. Kiyevskogo otdeleniya Tsentral'nogo nauchno-
issledovatel'skogo instituta svyazi.
(Electric circuits)

PARIKOZHKA, I.A.; PUGACH, A.B.. Prinimali uchastiye: PASHCHENKO, Z.S.;
FURMAN, I.I.; TRUSKALOV, N.P.; SHEVCHENKO, A.Ye.; SAKHAROVA,
T.M.; TROKHINA, Zh.G.; LEVINOV, K.G.; YAKOVICH, A.Ye.. SALITAN,
L.S., red.; SHEFER, G.I., tekhn.red.

[Manual on electric measurements of long-distance communication
lines] Rukovodstvo po elektricheskim izmereniam mezhdugorodnykh
linii svyazi. Moskva, Gos.izd-vo lit-ry po voprosam svyazi i
radio, 1960. 194 p. (MIRA 13:6)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye mezhdugorodnoy
telefonno-telegrafnoy svyazi. 2. Kiyevskoye otdeleniye TSentral'-
nogo nauchno-issledovatel'skogo instituta svyazi (for Parikozhka,
Pugach, Pashchenko, Furman, Truskalov, Shevchenko, Sakharova,
Trokhina). 3. TSentral'nyy nauchno-issledovatel'skiy institut
svyazi (for Levinov, Shvartsman). 4. UMMKS (for Yakovich).

(Telecommunication) (Electric measurements)

SOV/112-59-2-4091

9(0)

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 2, p 272 (USSR)

AUTHOR: Truskalov, N. P.

TITLE: Spark Killing by Semiconductor Diodes
(Primeneniye kristallicheskikh diodov dlya iskrogasheniya)

PERIODICAL: Tr. Seksii provodn. svyazi. Ukr. resp. pravl. Nauchno-tekh.
o-va radiotekhn. i elektrosvyazi, 1956, Nr 2, pp 84-89

ABSTRACT: Considerations are submitted on using semiconductor diodes for
spark killing in DC relay-contact schemes.
From the author's summary.

Card 1/1

AUTHOR: Truskalov, N.P., Senior Engineer, KONIIS 111-58-7-8/ 27

TITLE: The Characteristics of Components Used in Spark Extinguishing Circuits (Kharakteristiki elementov, primenyayemykh v tsepyakh iskrogasheniya)

PERIODICAL: Vestnik svyazi, 1958, Nr 7, pp 13-15 (USSR)

ABSTRACT: The author made a study of the various components used in spark extinguishing circuits - resistors, condensers, copper oxide, selenium, germanium diode rectifiers, etc. From the data obtained, he drew up tables and graphs to show their spark extinguishing qualities. In devising a spark extinguishing circuit, it is necessary to take the light as well as the volt-amp characteristics of the components into account. The steeper the volt-ampere slope of the incident and reverse current characteristics of transistor components the better their spark extinguishing qualities. Transistor diodes have certain advantages over copper oxide and selenium rectifiers. Their volt-amp slope is steeper and therefore their spark extinguishing qualities are better. They should not be wired in parallel with the contact since they will thus wear out quickly, heating and losing their spark extinguishing properties.

Card 1/2

111-58-7-8, 27

The Characteristics of Components Used in Spark Extinguishing Circuits

There are 3 sets of graphs, 1 circuit diagram and 2 tables.

ASSOCIATION: KONIIS

1. Sparks--Control systems 2. Control systems--Characteristics

Card 2/2

TRUSKALOV, N.P., inzh.

Choice of the parameters of the components of spark quenching
circuits. Vest. svyazi 24 no.7:6-8 J1 '64. (MIRA 17:9)

1. Kiyevskoye otdeleniye Tsentral'nogo nauchno-issledovatel'skogo
instituta svyazi.

TRUSKALOV, N.P., ispolnyayushchiy obyazannosti starshego nauchnogo
soтрудnika

Device for increasing the reliability and life of electric
contactors. Vest. svyazi 25 no.4:11-12 Ap '65.

(MIRA 18:6)

1. Kiyevskoye otdeleniye Tsentral'nogo nauchno-issledovatel'skogo
instituta svyazi Ministerstva svyazi SSSR.

TRUSKALOV, M. P., inzh.

Classification and concise description of the characteristics
of arc quenching networks. Vest. svyazi 23 no.4:8-10 Ap '63.
(MIRA 16:4)

1. Kiyevskoye otdeleniye Tsentral'nogo nauchno-issledovatel'-
skogo instituta svyazi Ministerstva svyazi SSSR.

(Electric networks) (Pulse circuits)
(Electric arc)

TRUSKANOV, D. M.

D. M. TRUSKANOV, "New feeder circuit for television transmitting antennas with multiple compensation." Scientific Session Devoted to "Radio Day", May 1958, Trudrezervizdat, Moscow, 9 Sep. 58

Analyzed in the report is a new feeder system for tourniquet antennas which uses the principle of multiple compensation of the reflection coefficient both within the limits of one stage and between the antenna stages.

The proposed circuit affords a number of advantages over the usual circuit:

1. A decrease in the reflection coefficient in the feeder supply.
2. A significant broadening of the band which permits one antenna to be used to operate in two or several frequency channels.
3. The possibility of two television programs being operated on one antenna.
4. A certain improvement in the pattern in the horizontal plane. Certain computations and the results of preliminary experiments are presented.

GAN'KOV, Aleksandr Aleksandrovich, nauchnyy sotr.; PLATONOV, Vladimir Erosovich, nauchnyy sotr.; TRUSKANOV, Mikhail Davydovich, nauchnyy sotr.; SHCHERBINO, Marat Nikolayevich, nauchnyy sotr.; GLADKOV, V.A., red.; BARANOV, I.A., tekhn. red.

[Handbook on hydroacoustical fish-locating apparatus] Spravochnik po rybopoiiskovym gidroakusticheskim priboram. Murmansk, Murmanskoe knizhnoe izd-vo, 1961. 141 p. (MIRA 14:12)

1. Polyarnyy nauchno-issledovatel'skiy i proyektnyy institut rybnogo khozyaystva i okeanografii im. N.M.Knipovicha (for Gan'kov, Platonov, Truskanov, Shcherbino).
(Sonar in fishing)

TRUSKAY, HON. ROBERT B. JR.

Determination of the volume of war ... concentration of ...
as exemplified by the Atlantic and ...
SINCE no. 14:183-212 ... (11/17/10)

ACC NR: AP6034642

(A,N)

SOURCE CODE: UR/0337/66/000/008/0038/0042

AUTHOR: Truskanov, M. D.; Shcherbino, M. N.

ORG: VNIRO

TITLE: Hydroacoustic methods of defining fish shoals

SOURCE: Rybnoye khozyaystvo, no. 8, 1966, 38-42

TOPIC TAGS: acoustic detection, shipborne acoustic detection, hydrology

ABSTRACT: After experimental work at the Sukhumi Maritime Scientific Station (Sukhumskaya morskaya nauchnaya stantsiya), the PINRO experimental base, and on the open sea, the authors developed a method for continuous estimation of fish density at any point in a shoal. Formulas are given for relating density and volume of a shoal, also for relating the dispersion amplitude of a reflected echosignal to the number of fish in a given volume of water or its proportionality coefficient. Tests were first made with foam-plastic balls 4 cm in diameter floating in simulated shoals at densities of 0.36 to 3.6/m³, using an Atlas 658 echosounder with a frequency of 30 kc and acoustic capacity of 223 W. Formulas were evolved for energy dispersion according to strength and length of echos reflected by each target, and a table relates density with theoretic and actual echo amplitudes. Experiments were then conducted in natural surroundings by photographing and simultaneously echosounding shoals of herring

Card 1/2

UDC: 639.208

ACC NR: AP6034642

wintering north of the Faeroe Islands, using an "Elak Senior" echosounder (sonar) with CI-4 oscillograph and PFA-3, PFA-4, and PFA-5 submersible cameras designed by VNIRO. About 100 sets of such photographs were taken, each including 60 to 70 m³ of water and showing herring densities of 0.09 to 4.27/m³. Density was also recorded simultaneously by echosounders attached to cables below the drifting ship; the Atlas 658 and "Belatriks" apparatus both exhibited high resolution and broad reception of echo signals. The "Elak Senior" has an acoustic capacity of 350 W and frequency of 30 kc. Formulas are given for translating its signals into volumes of water occupied by each shoal of fish, their density and estimated number, calculable while the ship is directly over a shoal. A table lists average thickness of herring shoals, total area occupied in the Atlantic, average density of shoals, and total supply of herring in tons and number in five years from 1956 to 1964. Orig. art. has: 7 formular 2 tables, and 4 figures.

SUB CODE: 17/ SUBM DATE: none

Cord 2/2

TRUSKAVETSKIY, S. Yu.; SADOVNIKOVA, N. M.

Improving the exhaust system. Bum. i, der. prom. no. 1:44-46
Ja. Mr '63. (MIRA 16:7)

(Exhaust systems)

TRUSKIN, Z. B.
P. S. ANAN'EV, Russ. 41,112, January 31, 1935

TRUSKIN, Z. R.

P. S. ANANEV, Russ. 41,111, Jan. 31, 1935

TRUSKOLASKI, K.

"Autumn Vetch, an Underestimated Plant for Light Soils." p. 18
(Plon. Vol. 5, No. 4, Apr. 1954)

SO:Monthly List of East European Accessions,/Library of Congress, Vol.3, No. 6, June, 1954
Uncl.

GAYDENKO, P.; POVARENNYKH, L.S.; TRUSKOLYAVSKAYA, T.

From technical periodicals. Standartizatsiia 24 no.12:46-49 D '60.

(MIRA 13:11)

(Bibliography--Standardization)

TRUSKOLYAVSKAYA, T.

From technical periodicals. Standartizatsia 24 no.2:61-63
F '60. (MIRA 13:5)
(Standardization)

TRUSKOLYAVSKAYA, T.; POVARENMYKH, L.

From technical periodicals. Standartizatsiia 24 no.4:60-62 Ap '60.
(MIRA 13:9)

(Bibliography--Standardization)

TRUSKOLYAVSKAYA, T.V.

From technical periodicals. Standartizatsiia 26 no.2:61-63 F
'62. (MIRA 15:2)
(Bibliography--Standardization)

TRUSKOLYAVSKAYA T.V.; POVARENNYKH, L.S.

From technical periodicals. Standartizatsiia 26 no.7:59-62 J1
'62. (MIRA 15:7)

(Bibliography - Standardization)

LEYSTNER, L., TRUSKOLYAVSKAYA, T.V.

From technical periodicals. Standartizatsiia 25 no.9:60-63
S '61. (MIRA 14:9)

(Bibliography--Standardization)

GERASIMOV, D.F.; TRUSKOLYAVSKAYA, T.V.

From technical periodicals. Standartizatsiia 25 no.11:
60-62 N 61. (MIRA 14:11)
(Bibliography--Standardization)

TRUSKOLYAVSKAYA, T.V.

"Reference book for industrial-standardization engineers"
(published by the French Standardization Association)
Standartizatsiia 25 no.6:61-63 Je '61. (MIRA 14:6)
(Standardization)

TRUSKOLYAVSKAYA, T.V.

From technical periodicals. Standartizatsiia 25 no.8:63
Ag '61. (MIRA 14:7)
(Bibliography--Standardization)

TRUSKOLYAVSKAYA, T.V.

From technical periodicals. Standartizatsia 27 no.5:58
My '63. (MIRA 16:6)
(France--Standardization)

L 33058-66 EWT(l)/EWP(e)/EWT(m)/EWP(f)/T-2 WW/WH
ACC NR: AP6024076 SOURCE CODE: UR/0066/66/000/002/0010/0018

AUTHOR: Mel'nichenko, L. G. (Docent); Truskov, P. F. (Candidate of technical sciences);
Kritskiy, Ye. D. 55
B

ORG: none

TITLE: Method and results of investigation of wear of materials for bearings in
sealed cooling compressors ^{g?}

SOURCE: Kholodil'naya tekhnika, no. 2, 1966, 10-18

TOPIC TAGS: cryogenic fluid compressor, ball bearing, bearing material, wear
resistant alloy, corrosion resistant alloy, bronze/BrSuN-7-2 bronze, BrOF-10-1 bronze

ABSTRACT: Experimental results presented here on bearing material wear
agree well with experience of seizure on the job. As a result of experiments
performed under varying conditions, the authors conclude that: the resistance
to seizure and wear of the materials investigated in a freon-22 medium is
considerably poorer than in the air. The highest seizure resistance and
greatest wear stability at load pressures up to 100 kg/mm² was exhibited by
bronze alloy BrSuN-7-2. This alloy has lower strength than lead bronze
type BrOF-10-1, however. With the same load levels, bronze-graphites have
much poorer anticorrosion qualities. The most promising metal for operation
in freon compressors is therefore BrSuN-7-2. Orig. art. has: 5 figures and 2 tables.
SUB CODE: 13, 11 / SUEM DATE: none / ORIG REF: 014 [JPRS]

Card 1/1 *du* UDC: 621.57.041:621.822
085 7247

L 11798-66 EWT(m)/EWP(w)/T.EMP.1/EWP(1) 30/DJ/68

ACC NR: AT6000061

SOURCE CODE: UR/0000/65/000/000/0064/0068

AUTHGR: Truskov, P. F.

17
15
B+

ORG: Conference on Strengthening Machine Parts, Moscow (Soveshchaniye po uprochneniyu detaley mashin)

TITLE: Methods for frictional strengthening

SOURCE: Soveshchaniye po uprochneniyu detaley mashin. Moscow. 1962. Uprochneniye detaley mashin mekhanicheskim naklepyvaniyem (Work hardening of machine parts); trudy soveshchaniya. Moscow, Izd-vo Nauka, 1965, 64-68

TOPIC TAGS: friction, oxidation, metal, plastic deformation, metal friction, lubricant, lubrication, metal surface, metal physical property, steel structure, nitridation, lubricant, surface active agent

ABSTRACT: Methods for friction-strengthening of metals were investigated. Specific aspects considered are: the variation of depth of friction-strengthened layers, variation of structure and properties with respect to external friction parameters such as the speed of slip, normal pressure, and the medium of friction occurrence. Armco steel rings with metaloceramic strengtheners and with various lubricants were used as specimens. Three methods of friction-strengthening were studied: 1) cementation; 2) nitriding; 3) oxidation. A mixture of 30% kerosene in MS-20 lubricant, an air-ammonia mixture, and atomized water, respectively, were used. Calculation of the strengthening time began with the stabilization of friction force and speed of

Cord 1/2

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ACC NR: AT6000061

slip after the moment of release of the lubrication substance. Plots of depth variation of the strengthened layer as a function of normal pressure for parametric values of slip speeds are presented. The author concludes that the processes of plastic deformation of the surface layers, dissociation of lubricant molecules, and diffusion of lubricant elements into the surface layer of the metal are significant in friction-strengthening. The depth and hardness of the friction-strengthened layer depends upon the value of slip speed and normal pressure. The degree of strengthening varies with the chemical content of the lubricant and with the likelihood of its dissociation under given friction conditions. The rate of development of the strengthened layer under friction is ~ 100 times greater than the rate under common chemical-thermal treatment. Oxygen in the lubricant has a beneficial effect on friction-strengthening by raising the resistance of the strengthened layers to "clutching." Orig. art. has: 3 figures. 2

SUB CODE: 11/ SUBM DATE: 24Apr65/ ORIG REF: 010/ OTH REF: 001

HW

Card 2/2

BARASHENKOV, V.S.; TRUSKOVA, N.F.

[Charge distributions of particles in the one-meson theory of inelastic interactions at high energies] Zariadovye raspredeleniia chastits v odnomezonnoi teorii neuprugikh vzaimodeistvii pri vysokikh energiakh. Dubna, Ob"edinennyi in-t iadernykh issledovani, 1965. 7 p. (MIRA 19:1)

