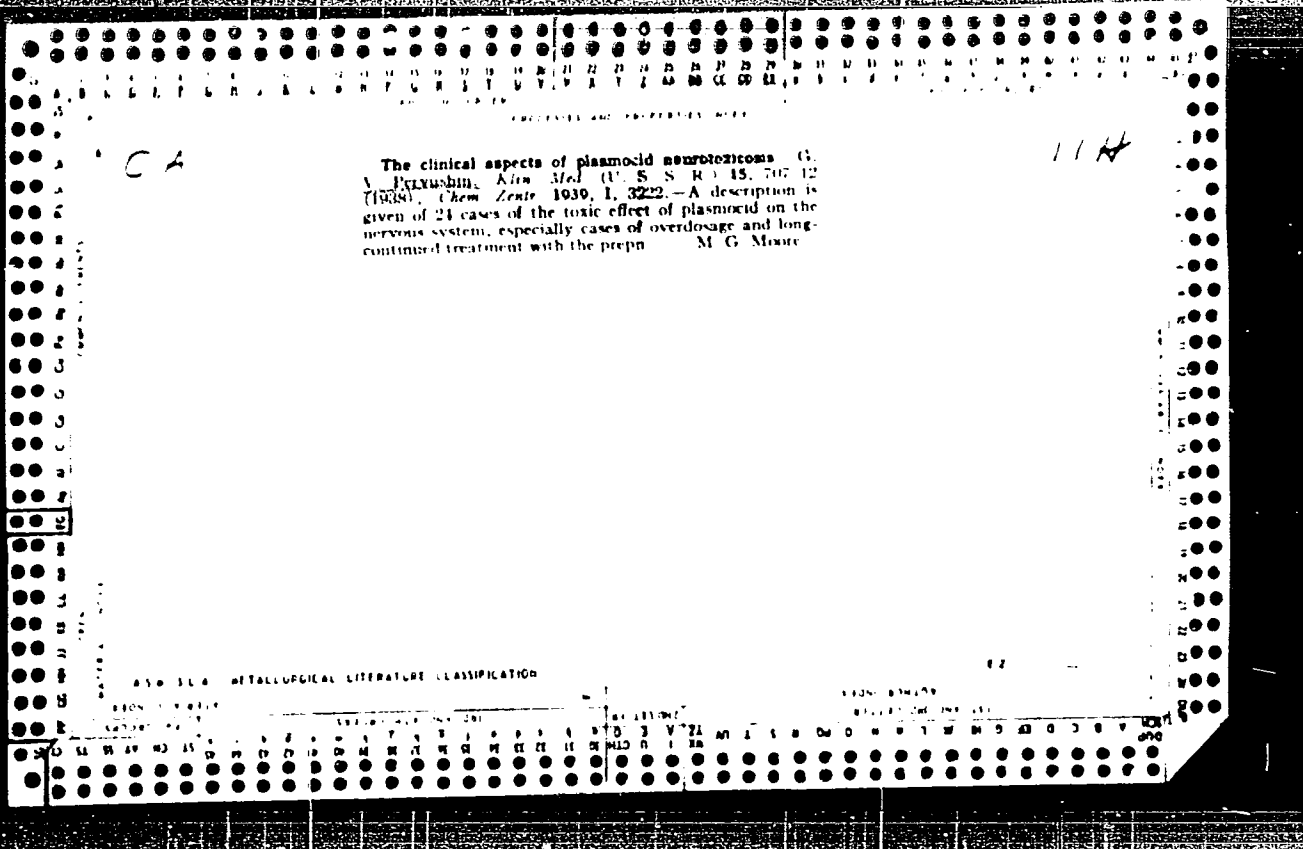
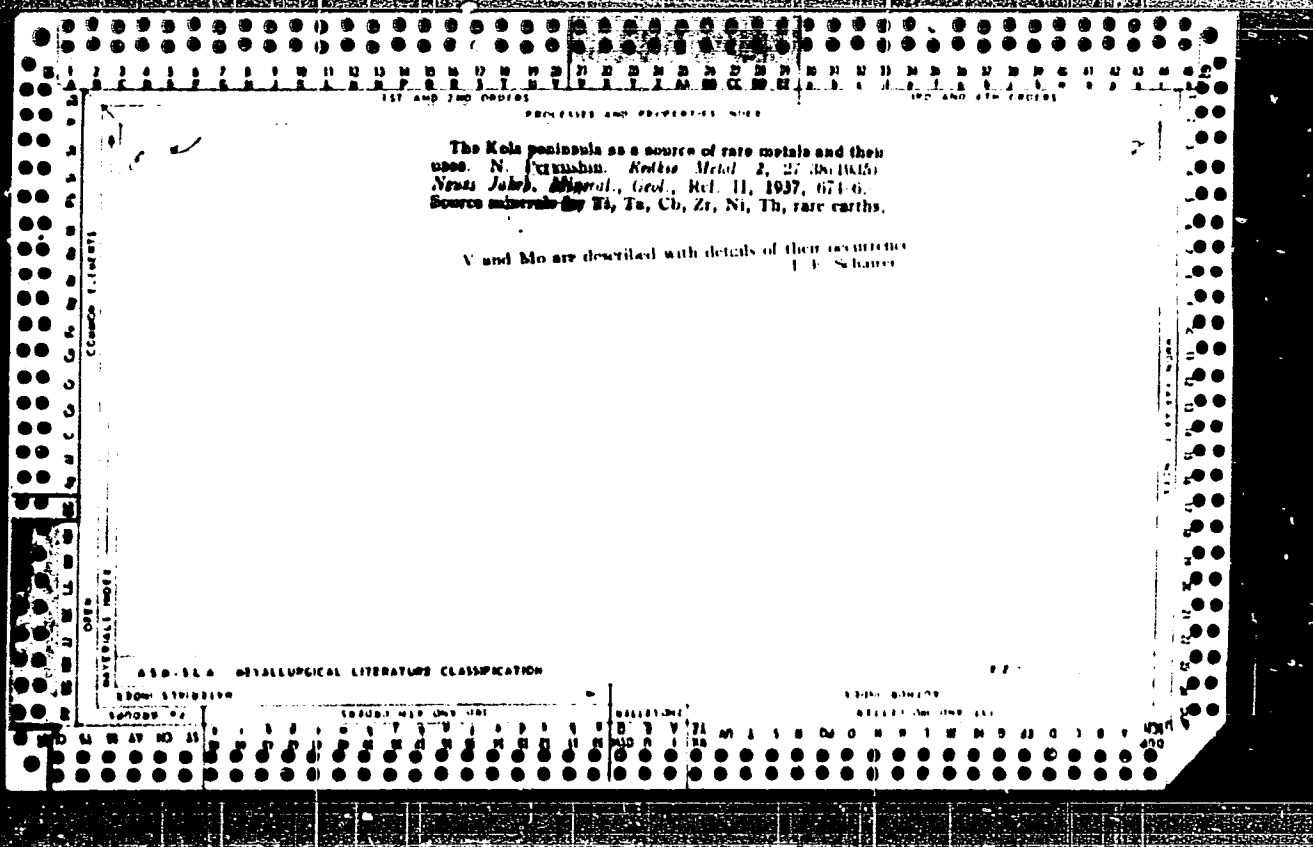


PERVUSHIN, N., arkhitektor

New plans of micro-districts. Na stroi, Ros. 3 no.9:19-20 S '62.
(MIRA 15:12)

(Omsk—City planning)





GREYNER, Gans Rolandovich; IL'YASHENKO, Vladimir Pavlovich;
PERVUSHIN, Nikolay Nikolayevich; CHUD'AYEVSKIY, Viktor
Alekseyevich; GEYNIKH, G.K., kand.tekhn.nauk,
retsenzent; SEKUNOVA, O.N., nauchn.red.; SINITSIN,
A.I., nauchn.red.; VASIL'YEVA, N.N., red.; FRUMKIN, P.S.,
tekhn. red.

[Automatic control of air pump compressor plants] Avtomati-
zatsiya vozdukhnykh porshnevnykh kompressornykh ustanovok.
Moskva, Sudpromgiz, 1963. 147 p. (MIRA 16:8)
(Air compressors) (Automatic control)

PERVUSHIN, S.A.

PERVUSHIN, S.A. Khoziaistvennaia kon'iunktura, vvedenie v izuchenie dinamiki
russkogo narodnogo khoziaistva za polveka. Moskva, Ekonomicheskhaia zhien',
1925. 328 p.

CtY CST-H

DLC: Unclass.

SO: LC, Soviet Geography, Part I, Uncl.

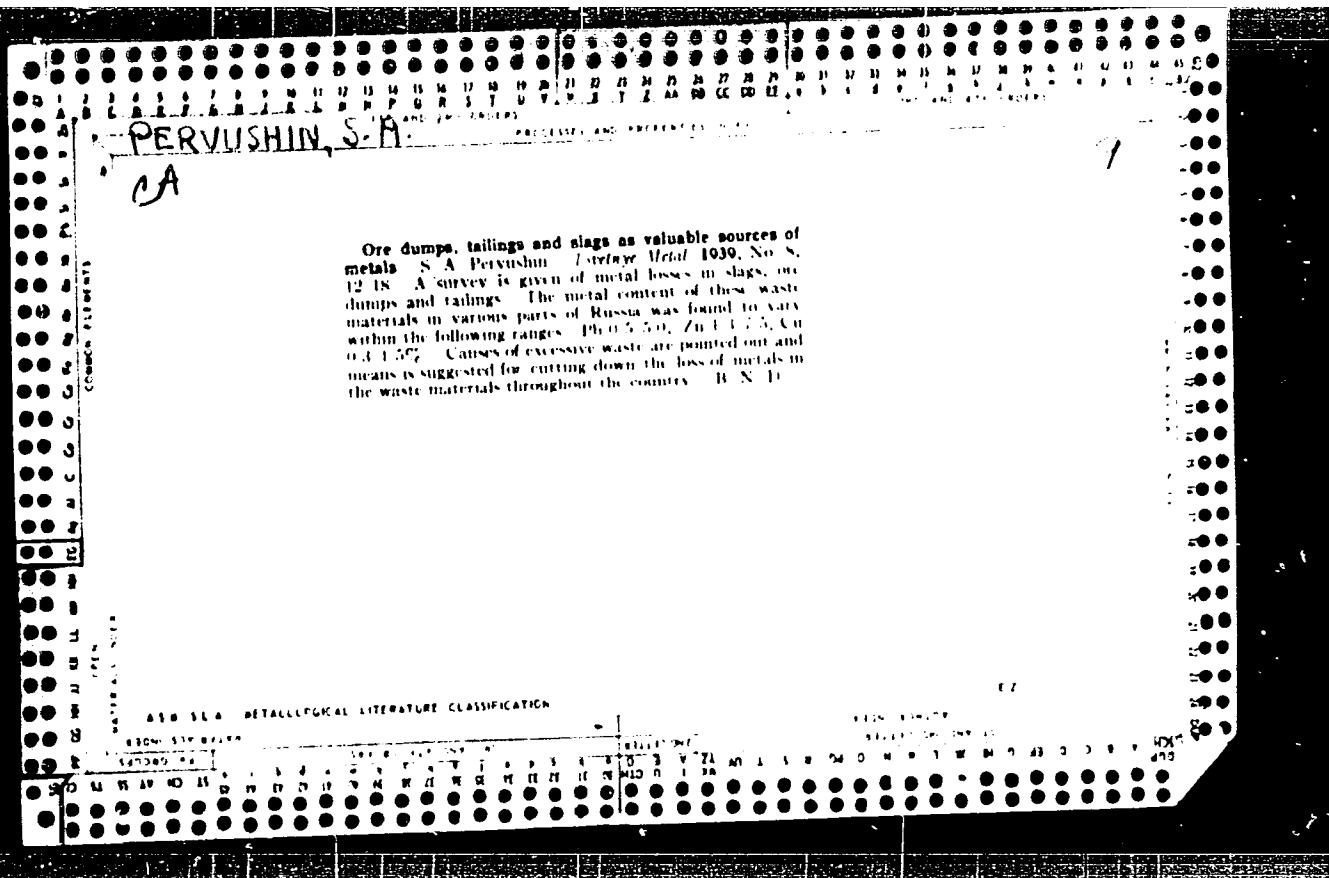
PERVUSHIN, S. A.

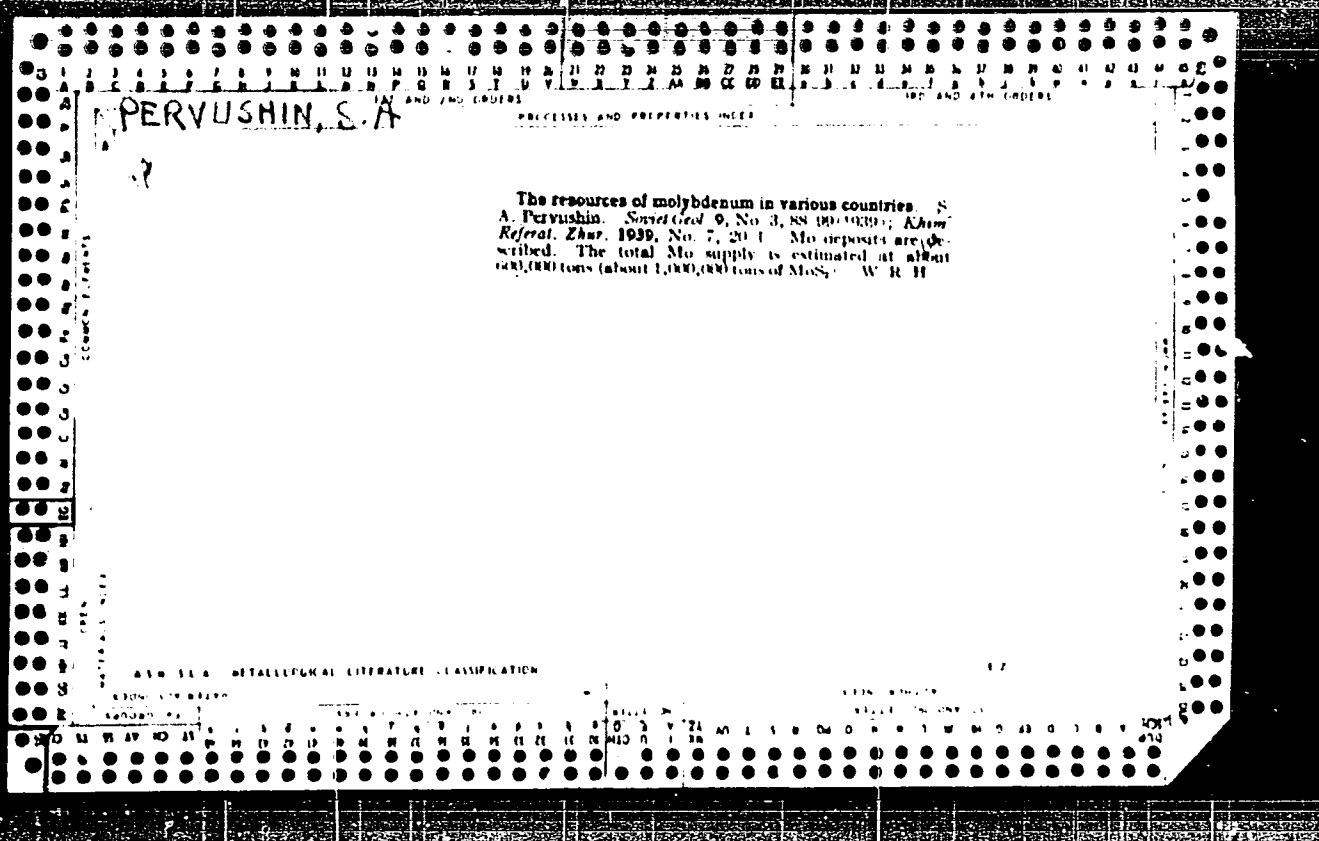
M

The Cobalt Problem in U.S.S.R. N. A. Pervushin (*Redise Metalli (Rare Metals)*, 1965, (3), 6-13).—[In Russian.] Discusses the raw material resources and prospects of a cobalt industry in the U.S.S.R.—D. N. S.

ASB-35A METALLURGICAL LITERATURE CLASSIFICATION

1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900





PERVUSHIN, S. A.

"Ore Tailings and Slag Dumps are Extremely Valuable Raw Material Resources of the Nation,"
Tsvet. Met. 14, No 8, August 1939.

Report U-1506, 4 Oct. 1951.

PERVUSHIN, S. (A.) (Reviewer)

"Nonferrous and Rare Metal Ores in Krasnoyarsk Kray," book by Prof. F. N. Shakhov,
Tsvet. Met. 11, No. 10-11, 1939

U-1506, 4 Oct 51

FANVUSHIN, Sergei Aleksievich, 1888-

The mineral resources of Germany. Moskva, Gos. ind-vo geol. lit-ry, 1946. 107 s. refs.
(Mineral'nye resursy zarubezhnykh stran, vyr. 2)

*52-25478)

TN7.K53 vyr. 2

ROZIN, M.S.; ORLOVA, Ye.V.; ~~PERVUSHEV, S.S.~~; SYROVA, Ye.I.;
BORISEVICH, N.V., redaktor; VASYUTIN, V.F., redaktor; SMIRNOVA,
V.I., redaktor; SEMENOVA, M.V., redaktor; BORISOV, A.S.,
tekhnicheskikh redaktor.

[Mineral resources of the United States] Mineral'nye resursy
Soedinennykh Shtatov Ameriki. Moskva, Gos. izd-vo geol. lit-ry.
1952. 407 p. (Mineral'nye resursy zarubeshnykh stran, no. 20).
(MLRA 9:5)

(United States--Mines and mineral resources)

FRUVCHIN, Sergey Alekseyevich, prof.; KACHKOLEKIY, Solomon
Yakovlevich, prof.; BYKOVA, Tatiyana Lmitriyevna, dots.;
GOL'BRAYKH, Samuil Yakovlevich, dots.; KALININA, Nevezka
Davidovna, dots.

[Economics of nonferrous metallurgy in the U.S.S.R.] Eko-
nomika tsvetnoi metallurgii SSSR. Izv.2., dop. 1 pered.
Moskva, Metallurgiya, 1964. 412 p. (CIA ID:1)

PERVUSHIN, Sergey Alekseyevich.

[Economic aspects of Soviet non-ferrous metallurgy] **Ekonomika
tsvetnoi metallurgii SSSR. Moskva, Metallurgizdat, 1956. 323 p.
(Nonferrous metal industries) (MLRA 9:5)**

PERVUSHIN, S. A., RACHKOVSKIY, S. Ya., GOL'GRAYKH,^{S. Ya.}/and MALINOVA, R. D.

"The Economics of Nonferrous Metallurgy in the USSR," Ekonomika Tsvetnoy
Mstallurgii SSSR, pp. 9-323, Moscow, 1956

Translation U-3,053,295, 28 Jan 57

Pervushin, S. A.
137-1958-3-4832

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 55 (USSR)

AUTHOR: Pervushin, S. A.

TITLE: Basic Changes in Foreign Nonferrous Metals Industry
(Osnovnyye izmeneniya v promyshlennosti tsvetnykh metallov
zarubezhnykh stran)

PERIODICAL: Sb. nauchn. tr. Mosk. in-t tsvetn. met. i zolota i VNITO
tsvetn. metallurgii, 1957, Nr 26, pp 279-296

ABSTRACT: A report presented at the technical-scientific jubilee session
of Mintsvetmetzoloto, on November 21, 1955.

G. S.

Card 1/1

SOV/149-58-5-16/18

AUTHOR: Pervushin, S.A.

TITLE: Economic Efficiency of Capital Investments in the Non-ferrous Metallurgical Industry (Ekonomicheskaya effektivnost' kapitalovlozheniy v tsvetnuyu metallurgiyu)

PERIODICAL: Izvestiya Vysshikh Uchebnykh Zavedeniy, Tsvetnaya Metallurgiya, 1958, Nr 5, pp 140 - 146 (USSR)

ABSTRACT: This article contains general information dealing with the problems of determining the economic efficiency of capital investments in the non-ferrous metallurgical industry and also with determining the efficiency of capital investment from the point of view of combined utilisation of raw materials. An example is included of calculation of the specific capital investments for a non-specified non-ferrous metal for a number of years ahead according to the "National Economy method".

Card 1/2

SOV/149-58-5-16/18
Economic Efficiency of Capital Investments in the Non-ferrous
Metallurgical Industry

ASSOCIATIONS: Moskovskiy institut tsvetnykh metallov i zolota
(Moscow Institute of Non-ferrous Metals and Gold)
Kafedra ekonomiki promyshlennosti (Chair for
Economics in Industry)

SUBMITTED: June 19, 1958

Card 2/2

PERVUSHIN, S.A.

"Complete utilization of ores in nonferrous metallurgy" by
I.M. Gratsershtein. Reviewed by S. A. Pervushin. Izv. vya.
ucheb. zav.; tsvet. met. 2 no.3:141-142 '59. (MIRA 12:9)
(Nonferrous metals--Metallurgy)

PERVUSHIN, V.A.

Regional characteristics of production costs in industry. Izv. Sib.
otd. AN SSSR no. 11:3-10 '62. (MIRA 17:9)

1. Institut ekonomiki i organizatsii promyshlennogo proizvodstva
Sibirskogo otdeleniya AN SSSR, Novosibirsk.

PEKUSHIN, Sergey Alekseyevich; GOLYNSKIY, M.S., red.

[Nonferrous metals and their occurrence in nature]
TSvetnye metally i ikh nakhozhdenie v prirode. Mo-
skva, Metallurgizdat, 1963. 50 p. (MIRA 17:6)

BENUNI, Amayak Khristoforovich; PERVUSHIN, Sergey Alekseyevich;
GOLYNSKIY, M.S., red.; KOVALEVSKIY, M.A., red.izd-va;
ISLENT'YEVA, P.G., tekhn. red.

[Technical progress and increased labor productivity in the
nonferrous metallurgy of the U.S.S.R.] Tekhnicheskii progress i
povyshenie proizvoditel'nosti truda v tsvetnoi metallurgii
SSSR. Moskva, Metallurgizdat, 1963. 143 p. (MIRA 16:3)
(Nonferrous metal industries--Equipment and supplies)

PERVUSHIN, S.A.

Methods of determining production costs in complicated non-ferrous complex metal industries. Izv. vys. ucheb. zav.; tsvet. met. 4 no.2:142-149 '61. (MIRA 14:6)

1. Krasnoyarskiy institut tsvetnykh metallov, kafedra ekonomiki promyshlennosti.

(Nonferrous metal industries—Costs)

PERVUSHIN, S.A., professor (Moskva)

Book about an awakening continent ("Africa in World War II"
by A.IU.Shpirt. Reviewed by S.A.Pervushin). Priroda 49
no.7:123 J1 '60. (MIRA 13:7)
(Africa--Economic conditions)
(World War, 1939-1945--Economic aspects)
(Shpirt, A.IJ.)

PERVUSHIN, S.A.

Basic improvements in the economics of nonferrous metallurgy
in capitalist countries during 1950-1958. Izv.vys.ucheb.
zav.; tsvet.met. 2 no.4:142-150 '59. (MIRA 13:1)

1. Moskovskiy institut tsvetnykh metallov i zolota. Kafedra
ekonomiki promyshlennosti.
(Nonferrous metal industries)

TSIMDINA, Z.R.; PERVUSHIN, S.A.

Economic aspects of producing magnesium in the U.S.S.R. and
in capitalist countries. Izv. vys. ucheb. zav.; tsvet. met.
2 no.2:133-139. 159. (MIRA 12:7)

1. Moskovskiy institut tsvetnykh metallov i zolota, Kafedra ekonomiki
promyshlennosti.

(Magnesium industry)

TSIMDINA, Z.R.; PERVUSHIN, S.A.

Making metal sheaths by extrusion out of several containers.
Izv. vys. ucheb. zav.; tsvet. met. 2 no.2:125-132 '59.
(MIRA 12:7)

1. Moskovskiy institut tsvetnykh metallov i zolota, Kafedra ekonomiki
promyshlennosti.
(Extrusion (Metals))

PERVUSHIN, S.A.

Economic efficiency of capital investment in nonferrous metallurgy. Izv.
ucheb.zav.; tsvet.met. no.5:140-146 ' 58. (MIRA 12:1)

1. Moskovskiy institut tsvetnykh metallov i zolota. Kafedra ekonomiki
promyshlennosti.
(Nonferrous metals--Metallurgy) (Capital investments)

PERVUSHIN S. A.

PERVUSHIN, S. A.

LEONIDOV, N. K.

RUSSIAN METALLURGY 80V/1397

Abstracts of USSR Metallurgical Information

Metallurgiya SSSR, 1971-1977, v. 1 (Metallurgy of the USSR, 1971 - 1977, Vol. 1) Moscow, Metallurgizdat, 1978. 715 p. 3,000 copies printed.

Ed. (Title page): I. P. Burdin, Academician; Ed. (Inside book): G. V. Popov; Sub. M. I. O. Shkar.

PURPOSE: The book is intended for scientific workers and engineers in metallurgical plants and in the machine-building industry. It may also be used by students in advanced courses in metallurgical vocation.

COVERAGE: This collection of articles covers extensively practical and theoretical developments in Soviet metallurgy during the last 40 years. The material dealt with is divided into 10 sections: 1) Development of the major ore deposits and the search for new deposits; 2) Metallurgy of various parts of European and Asiatic USSR in various industries, departments, their location, and the names of the scientists and engineers involved are listed. Many papers contain so many references and names of various personalities that it was considered beyond the scope of the coverage of each article to list them. The authors claim that the processes, methods and theories described in this book reflect the most recent developments in Soviet metallurgy.

Card 1/21

Metallurgy of V, USSR (cont.)

80V/1397

listed include ferrochromium, ferromanganese, ferrotitanium, ferromolybdenum and ferromagnesium with 90 percent molybdenum. As a source of titanium and zirconium, the author describes the process of obtaining 48-51 percent titanium from the ores of zirconium and hafnium. The author also describes the various stages of the process of making various titanium alloys. In conclusion, the author states that more experiments and better methods are needed to improve the production of ferrous alloys. There are 30 references, 57 Soviet and 3 English.

139

Perushin, S. A. Ferrous Metallurgy Under the Soviet Regime

The author gives a historical review of the development of the non-ferrous industry since the October Revolution. Production figures and targets of the five year plans are quoted. The author also describes various metal deposits are listed. There are 11 Soviet references.

135

Ushakov, V. A. Concentration of Nonferrous Ores and Ores of Rare Metals Following a Brief History of the Development of the Metallurgical Industry of the USSR. The author discusses methods of ore concentration, flotation, gravity separation, magnetic separation, etc. He also claims that Soviet scientists have done a great deal of work on the theory of flotation based on the latest achievements in physical

Card 12/21

SOV/137-58-7-14606

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 95 (USSR)

AUTHORS: Kas'yanova, N.A., Pervushin, S.A.

TITLE: Sources for Further Rise in Labor Productivity in the Electrolytic Zinc Industry (O rezervakh rosta proizvoditel'nosti truda v tsinkovom elektrolitnom proizvodstve)

PERIODICAL: Sb. nauchn. tr. Mosk. in-t tsvetn. met. i zolota, 1957, Nr 27, pp 239-247

ABSTRACT: Conversion to FluoSolids roast of Zn concentrates results in a decline in sulfide S in the matte to 0.3-0.4%, while the acid-soluble Zn contents rose by 1.5-2% of the total content as compared to roasting in multiple-hearth furnaces. Moreover the matte did not contain any lumps, and the Zn contents of the leaching-products classification sands dropped from 26.7 to 17.5%, making it possible to deliver them to the Waelz process along with the Zn cake instead of returning them for roasting. This leads to a reduction of SiO₂ in the cinders from 9.4 to 5.3%. With 65% of all the Zn concentrates subjected to FluoSolids roasting, labor productivity (LF) rose by 15.7%. It is noted that bringing the electrodes in Zn electrolysis baths to

Card 1/2

SOV/137-58-7-1466

Sources for Further Rise in Labor Productivity (cont.)

within 54 mm of each other and an increase in the cathode surfaces makes it possible to increase LP by 45%. Substitution of cooling coils in the baths by vacuum evaporation as the method of cooling, the electrolyte makes it possible to raise the coefficient of bath utilization and to increase LP by 20-25% in addition to raising current efficiency by 2.5-3%. Increase in D to 650-700 amps/m², requiring rearrangement of the entire process, is capable of providing a further significant increase in LP.

Ye. Z.

1. Zinc area--proceeding
2. Zinc area--proceeding

Card 2/2

SOV/137-58-7-14568

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 89 (USSR)

AUTHORS: Begunova, T.G., Pervushin, S.A.

TITLE: The Major Areas in Which Nickel Cost May be Reduced (Based on the Example of Establishments on the Kola Peninsula)
[Vazhneyshiye rezervy snizheniya sebestoimosti nikelya (na primere predpriyatiy Kol'skogo poluostrova)]

PERIODICAL: Sb. nauchn. tr. Mosk. in-t tsvetn. met. i zolota, 1957, Nr 27, pp 248-257

ABSTRACT: In 5 years (1950-1955), the cost (C) of matte (M) has been cut by 9.3% at the Pechenganikel' Kombinat, chiefly by increasing the power of the electric furnaces from 12 to 21 megawatts by rebuilding the furnace transformers and changing the furnace design, thus increasing output rate to more than double and cutting unit consumption of energy by 19%. The output of M rose 35%. During that period, the C of Ni was cut 21.8% at the Severonikel' Kombinat by increasing recovery of Ni by 8.5%, Cu by 17.3%, and Co by 18.3% by cutting unit consumption of materials, fuel, and electrical energy, increasing labor productivity by 37.5%, and increasing the output of electrolytic Ni

Card 1/2

SOV/137-58-7-14568

The Major Areas in Which Nickel Cost May be Reduced (cont.)

by 43.8%. Measures for further C reduction are examined, including increase in the proportion of concentrates in the melt charge, reduction in transportation costs, utilization of S from the waste gases of metallurgical plants, utilization of tailing slags for the production of building materials, replacement of shaft-furnace smelting by electrical smelting (cutting conversion costs as much as ~ 48% per t metal and increasing recovery as follows: Ni from 87 to 96%, Cu from 88 to 96%, and Co from 63 to 80%), increase in the power of the electric furnaces, improvement in the preparation of the charge, separate electric reduction smelting of converter slags to extract Co from them, and introduction of M separation by flotation instead of melting (which should cut the C of conversion to 86.7% per t M). The carbonyl process and autoclave treatment of the Ni concentrate obtained by flotation of the M offer good prospects.

Ye.Z.

1. Nickel industry--Costs 2. Nickel--Production 3. Industrial equipment
--Performance

Card 2/2

PERVUKHIN, V. D., et al.; CHIRIKOV, P. I., et al.

Perovukhin, V. D., et al. "The Role of the Soviet Union in the Development of the Space Program." *MIRA* 12(1971): 1-10.

SOV-127-58-8-3/27

AUTHORS: Pervushin, S.A., Doctor of Economic Sciences, Professor; Novozhilov, B.F.; Zubrilov, L.Ye., Candidate of Technical Sciences

TITLE: Bases for the Appraisal of Mineral Deposits and Mines (Osnovy otsenki zestorozhdeniy poleznykh iskopayemykh i rudnikov)

PERIODICAL: Gornyy zhurnal, 1958, Nr 8, pp 18-27 (USSR)

ABSTRACT: Professor **K.L. Pozharitskiy** published an article under the above-mentioned title, for discussion in Nr 9 (1957) of this periodical. This article is an answer by 3 different authors. Professor **S.A. Pervushin** says that **Pozharitskiy** has a wrong conception of the economic appraisal of mineral deposits and mines, because he does not sharply separate the socialist economy from the capitalist economy, considering the problem of appraisal without reference to the basic rules of development of the socialist economy, in particular the Soviet mineral and raw material economy. **Pozharitskiy** ignored the experience of Soviet projects institutions as Giprokhim (A.M. Levin, A.D. Shapiro and others) Giprotsvetmet (Ya.S. Gol'din, Yu.B. Malevskiy, D.D. Ognev) Giproaluminii (G.A. Mikhel'son, M.F. Purits), Gipronikel' (L.S. Kul'nitskiy, D.M. Rura), Gipromez (V.O.

Card 1/2

Bases for the Appraisal of Mineral Deposits and Mines SOV-127-58-8-3/27

Chernyavskiy) and others. The second author, B.F. Novozhilov, bases his criticism on the same lines as the first author. The third author, L.Ye. Zubrilov, finds all propositions made by Pozharnitskiy to be highly controversial. There are 13 references, 11 of which are Soviet and 2 American.

ASSOCIATION: Moskovskiy institut tsvetnykh metallov i zolota (The Moscow Institute of non-ferrous metals and gold). Gosplan Kaz.SSR (The Kazakh SSR Gosplan). Gorno-geologicheskii institut UFAN (The UFAN Mining-Geological Institute).

1. Minerals--Economic aspects
2. Mines--Economic aspects

Card 2/2

CLASS I BOOK EXPLOITATION

SOV/4072

Pervushin, Sergey Alekseyevich, Solomon Yakovlevich Rachkovskiy, Samuil Yakovlevich Gol'braykh, Revenka Davydovna Malinova, and Tat'yana Dmitriyevna Bykova.

Ekonomika tsvetnoy metallurgii SSSR (Economic Aspects of Nonferrous Metallurgy of the USSR). Moscow, Metallurgizdat, 1960. 516 p. Errata slip inserted. 3,500 copies printed.

Eds.: S. A. Pervushin and S. Ya. Rachkovskiy; Ed. of Publishing House: R. F. Avrutskaya; Tech. Ed.: Ye. B. Vaynshteyn.

PURPOSE: This textbook is for students of the special course "Economics and Organization of the Metal Industry" at Institutes of Higher Education. In addition, it may be useful to workers in scientific research and planning institutes, and also to personnel working in the nonferrous metal industry.

COVERAGE: The book discusses the role of the nonferrous metal industry as one of the most important branches of Soviet national economy, its interrelations with other branches of industry, the basic laws of its development, its patterns of consumption, and the fields of application of various nonferrous metals. Also discussed are the basic tendencies of development of nonferrous metallurgy in capitalistic countries and in peoples' democracies. The book

Card 1/4

AKOPOV, R. Ya., kand. ekon. nauk, dots.; BASYUK, T.L., doktor ekon. nauk, prof.; BIRMAN, A. M., doktor ekon. nauk, prof.; GRIGOR'YEV, A. Ye., doktor ekon. nauk, prof.; DOKUKIN, V. I., prof.; IKONNIKOV, V. V., prof.; KONDRASHEV, D. D., doktor ekon. nauk; KURSKIY, A. D., doktor ekon. nauk; LOKSHIN, E. Yu., doktor ekon. nauk, prof.; MALYY, I. G., kand. ekon. nauk, dots.; PERVUSHIN, S. P., kand. ekon. nauk; PLOTNIKOV, K. N., TYAPKIN, N. K., kand. ekon. nauk; FILIMONOV, N. P., kand. ekon. nauk; SHAFIYEV, K. N., doktor ekon. nauk, prof.; BAKOVETSKIY, O., red.; KOKOSHKINA, I., mladshiy red.; MOSKVINA, R., tekhn. red.

[Economics; communist means of production] Politicheskaya ekonomika; kommunisticheskiy sposob proizvodstva. Uchebnik 2., perer. i dop. izd. Moskva, Sotsekgiz, 1963. 599 p.

(MIRA 16:5)

1. Chlen-korrespondent Akademii nauk SSSR (for Plotnikov).
(Economics) (Communism)

ARRAMOV, V.A.; ALEKSEYEV, A.M.; AL'TER, L.B.; ARAKELYAN, A.A.; BAKLANOV, G.I.;
 BASOVA, I.A.; BLYUMIN, I.G.; BOGOMOLOV, O.T.; BOR, M.Z.; BREGEL',
 E.Ya.; VEYTSMAN, N.R.; VIKENT'YEV, A.I.; GAL'TSOV, A.D.; GERTSGVSEKAYA,
 B.R.; GLADKOV, I.A.; DVORKIN, I.N.; DRAGILEV, M.S.; YEFIMOV, A.N.;
 SHAMIN, V.A.; ZHUK, I.N.; ZAMYATNIN, V.N.; IGNAT'YEV, D.I.; IL'IN,
 M.A.; IL'IN, S.S.; IOPPE, Ye.A.; KAYE, V.A.; KAMENITSER, S.Ye.;
 KATS, A.I.; KLIMOV, A.B.; KOZLOV, G.A.; KOLGANOV, M.V.; KONTOROVICH,
 V.G.; KRAYEV, M.A.; KRONROD, Ye.A.; LAKHMAN, I.L.; LIVANSKAYA, F.V.;
 LOGOVINSKAYA, R.L.; LYUBOSHITS, L.I.; MALYSH, A.I.; MENZHINSKIY,
 Ye.A.; MIKHAYLOVA, P.Ya.; MOISEYEV, M.I.; MOSKVIN, P.M.; NOTKIN,
 A.I.; PARTIGUL, S.P.; PERYUSHIN, S.P.; PETROV, A.I.; PETRUSHOV, A.M.;
 PODGORNOVA, V.M.; RABINOVICH, M.A.; RYVKIN, S.S.; RYNDINA, M.N.;
 SAKSAGANSKIY, T.D.; SAMSONOV, L.N.; SMEKHOV, B.M.; SOKOLIKHIN, S.I.;
 SOLLERTINSKAYA, Ye.I.; SUDARIKOV, A.A.; TATAR, S.K.; TEREENT'YEV,
 P.V.; TYAGAY, Ye.Ya.; FEYGIN, Ye.G.; FIGURNOV, P.K.; FRUMKIN, A.B.;
 TSYRLIN, L.M.; SHAMBERG, V.M.; SHAPIRO, A.I.; SHCHENKOV, S.A.;
 HYDEL'MAN, B.I.; MKHIN, P.E.; MITROFANOVA, S., red.; TROYANOVSKAYA, N.,
 tekhn.red.

[Concise dictionary of economics] Kratkii ekonomicheskii slovar'.
 Moskva, Gos.izd-vo polit.lit-ry, 1958. 391 p. (MIRA 11:7)
 (Economics--Dictionaries)

PRUDENSKIY, G.A., red.; STARODUBSKIY, L.V., otv. red.; ZYKOV, S.S.,
red.; PERVUSHIN, V.A., red.; SONIN, M.Ya., red.; ROMANOVA,
E.A., red.; MAZUROVA, A.P., tekhn. red.; VYALYKH, A.M.,
tekhn. red.

[Problems of labor resources in Siberia]Voprosy trudovykh
resursov v raionakh Sibiri. Pod obshchei red. G.A.Prudenskogo.
Novosibirsk, Izd-vo Sibirskogo otd-nie AN SSSR, 1961. 168 p.
(MIRA 15:10)

1. Akademiya nauk SSSR. Sibirskoye otdeleniye. Institut ekono-
miki i organizatsii promyshlennogo proizvodstva.
(Siberia--Labor supply---Statistics)

PERVUSHIN, Viktor Aleksandrovich; SOKOLOV, A.K., red.

[The problem of the differentiation of public labor productivity: Problema differentsiatsii proizvoditel'nosti obshchestvennogo truda. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1963. 247 p. (MIRA 17:6)

PERVUSHIN, I.N.

Study of the possibility of using the acoustical method to find iron ores in a formation of enclosing rocks under the conditions present in Krivoy Rog mine workings. Uch. zap. SAIGIMSa no.8:229-234 '62. (MIRA 17:1)

1. L'govskiy institut mashinovedeniya i avtomatiki AN UkrSSR.

L 16625-65 EEO-2/EMT(1)/EEC-4/EED-2/EWA(h) Pn-4/Peb/P1-4 RAEM(1)
ACCESSION NR AT4049215 P/2519/64/000/005/0518/0522

AUTHOR: Mikhaylovskiy, V. N. (L'vov); Pervushin, V. N. (L'vov) *BA*

TITLE: A nonlinear photoelectric method for increasing immunity to interference

SOURCE: Polska Akademia Nauk, Instytut Podstawowych Problemow Techniki. Zagadnienia drgan nieliniowych, no. 5, 1964. Druga Konferencja Drgan Nieliniowych (Second Conference on Non-linear Vibrations), Warsaw, Sept. 18-21, 1962, 518-522

TOPIC TAGS: interference immunity, weak signal reception, production noise, magnetophone, loop oscillograph, emulsion photosensitivity, cathode ray tube, Talbot law, geoaoustics *25*

ABSTRACT: A geoaoustic investigation was made into the possibility of identifying and recording a weak signal, reflected from a discontinuity, against the background of intense production noises. The signal-storage method was selected as the simplest and most practical for the purpose of recording and eventual interpretation of signals received under varying conditions of interference. The basic characteristics of the signal-transformation process (usable signal plus interference) should be taken into account when determining the best signal volume required for obtaining a fair amount of information. Mathematical analysis shows that the relationship between the optical density of the film blackening and the
Card 1/2

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ACCESSION NR: AT4049215

amount of light acting on the film coating determines the major characteristics of the photoemulsion, such as photosensitivity, contrast and the width of the coating. The brightness distribution on the screen of a cathode ray tube must be determined before a practical analysis of the above-mentioned film method can be undertaken. The luminosity distribution along the vertical screen-axis, according to the Talbot Law, will coincide with the probable distribution of the signal under investigation. Orig. art. has: 5 formulas and 3 figures.

ASSOCIATION: Institut Mashinovedeniya i Avtomatiki, Akademiya Nauk Ukr. SSR, L'vov (Institute of Machine Technology and Automation, Ukrainian Academy of Sciences)

SUBMITTED: 21Sep62

ENCL: 00

SUB CODE: EC, ES

NO REF SOV: 000

OTHER: 000

Card 2/2

MIKHAYLOVSKIY, V.N. [Mikhailovskiy, V.M.]; PIRVUSHIN, V.N. [Pervushin, V.M.];
TSYKHAN, A.I. [Tsyhan, O.I.]

Acoustic methods of mine geophysical prospecting. D. I. AN
URSR no. 6:757-760 '63 (MIRA 11:0)

1. Institut mashinovedeniya i avtomatiki AN UkrSSR. K. Kharkiv. Cor-
respondent AN UkrSSR (for Mikhaylovskiy).

PERVUSHIN, V.N.

Informational characteristics of a geacoustical method for the
detection of nonuniformities in rocks. Vop. pared. inform. 3:60-64
'64. (MIRA 18:1)

Use of the inverse probability method for shadow distinguishing in
geacoustical studies. Ibid.:65-71

L 39074-66

INT(d)/RIS-2/ AT(1)

SOURCE CODE: UR/ 007/857

10/1/68

ACC NR: AT6021051

AUTHOR: Pervushin, V. N. (L'vov)

ORG: none

TITLE: The application of the inverse probability method in signal noise separation

SOURCE: AN UkrSSR. Metody otbora i peredachi informatsii (Methods of selecting and transmitting information). Kiev, Naukova dumka, 1965, 161-168

TOPIC TAGS: signal noise separation, acoustic signal, signal distortion

ABSTRACT: practical application of the inverse probability method of signal and noise separation in the interpretation of the results of acoustical sounding is considered. The author previously discussed this problem in *Voprosy peredachi informatsii*, 3, Izd-vo AN UkrSSR, K., 1964. The main formula of the method which is the basis for all subsequent calculations, is given as

$$\sum_{i=1}^n V(x_i)S(x_i) = q(x).$$

where V represents the observed signal, S is the actual signal separated from noise, q is the cross correlation between V and all possible forms of S , x is the profile of

Cord 1/2

ACC NR: AT6021051

observation, and n is the summation step. Graphic results of two examples solved by using the formula are presented. A block diagram of a special purpose hybrid system for the solution of the problem with the recorded signal V at the input is given. The use of the proposed method would reduce considerably the time required for the analysis of data obtained by sounding technique. Orig. art. has: 3 figures, 2 formulas.

SUB CODE: ~~03~~,17/

SUBM DATE: 20Nov65/

ORIG REF: 010/

OTH REF: 001

Card 2/2 1116P

20NOV65/

ORIG REF: 007

Card 1/1 1116P

ACC NR: AT6032744

SOURCE CODE: UR/0000/66/000/000/0148/0153

AUTHOR: Makhaylovskiy, V. N.; Pervushin, V. N.

ORG: none

TITLE: Possibilities of increasing the distances at which geoacoustic methods are useful in finding nonhomogeneities in rocks in the presence of intense noise

SOURCE: AN SSSR. Institut fiziki Zemli. Geoakustika; ispol'zovaniye zvuka i ul'tra-zvuka v seysmologii, seysmorazvedke i gornom dele (Geoacoustics; the use of sound and ultrasound in seismology, seismic prospecting, and mining). Moscow, Izd-vo Nauka, 1966, 148-153

TOPIC TAGS: acoustic prospecting, ore deposit, ~~mining~~, acoustic noise, seismic method, surface wave, free oscillation, acoustic receiver, acoustic shadow, seismic prospecting, ~~MINING ENGINEERING~~

ABSTRACT: The possible methods of extending the distances at which acoustic methods are useful in determining the shape and location of inhomogeneities in rocks such as ore deposits are discussed. The main obstacle in increasing the distance at which acoustic methods are effective is the presence of noise. Measurements made in a mine in Krivoy Rog show that the industrial noise generated in the mine has a range of frequencies of 12-5 kc. The authors extract the useful signal from noise by storing the signal on a cathode-ray tube. The second type of noise is surface waves propagating along the mine faces surfaces. When highly sensitive electrodynamic re-

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ACC NR: AT6032744

ceivers are used, the intense surface waves generate long-period free oscillations in the movable part of the receiver. In order not to decrease the sensitivity, the system is damped only during the initial period when the surface waves are registered and before the arrival of reflected waves. It is pointed out that the method of inverse probability is effective in determining the acoustic shadow in the presence of noise. Even the simplest approximation of the shape of the shadow makes it possible to determine the shadow's boundaries using just a few trial values for its width, and thus to obtain the shape of the ore deposit. Orig. art. has: 4 figures and 2 formulas.

SUB CODE: 03/ SUBM DATE: 28Mar66/ ORIG REF: 009

Card 2/2

L 39074-66 EWT(d)/FSS-2/EWT(1) GD/GW

ACC NR: AT6021051

SOURCE CODE: UR/0000/65/000/000/0161/0168

AUTHOR: Pervushin, V. H. (L'vov)

45
B+1

ORG: none

TITLE: The application of the inverse probability method of signal and noise separation

SOURCE: AN UkrSSR. Metody otbora i peredachi informatsii (Methods of selecting and transferring information). Kiev, Naukova dumka, 1965, 161-168

TOPIC TAGS: signal noise separation, acoustic signal, signal distortion

ABSTRACT: A practical application of the inverse probability method of signal and noise separation in the interpretation of the results of acoustical sounding is considered. The author previously discussed this problem in *Voprosy peredachi informatsii*, 3, Izd-vo AN UkrSSR, K., 1964. The main formula of the method which is the basis for all subsequent calculations, is given as

$$\sum_{i=1}^n V(x_i) S(x_i) = q(x_i)$$

where V represents the observed signal, S is the actual signal separated from noise, q is the cross correlation between V and all possible forms of S , x is the profile of

Card 1/2

Card 2/2 MLP

ACC NR. AT6020483

(K)

SOURCE CODE: UR/0000/65/000/000/0129/0137

AUTHOR: Koshevoy, V. V. (L'vov); Pervushin, V. K. (L'vov)

CAS: none

TITLE: The application of modeling to geoaoustic probing

SOURCE: AN UkrSSR. Teoriya i elementy sistem otbora geofizicheskoy informatsii (Theory and elements of systems for selecting geophysical information). Kiev, Naukova dumka, 1955, 129-137

TOPIC TAGS: acoustic reconnaissance, acoustic wave, seismic modeling

ABSTRACT: The design and use of models simulating the sound propagation conditions in the mined out soils of Krivoly Rog are discussed. The purpose of the study was to evaluate the errors due to so-called "acoustic shadow" which develops in mined out soils. Since mathematical analysis of this problem is very difficult, resort was made to models. The authors used radio waves instead of visual waves in order to better control their characteristics. The ore bodies and stopes were made of wood, plasticene, prolon, paraffin and polyethylene, in various geometric and irregular shapes. The authors conclude that acoustic shadow varies in width as a function of the distance between the anomaly and the observer. Orig. art. has: 5 figures.

SUB CODE: 08/ SUBM DATE: 10Nov65/ ORIG REF: 007

Card 1/1

PERVUSHIN, V. PROF

PA 149T67

USSR/Medicine - Neurology
Psychiatry

Jan/Feb 49

"Oblast Conference of Neuropathologists of Molotov
and Molotov Oblast," Prof V. Pervushin, 2 pp

"Neuropatol i Psikhiat" Vol XVIII, No 1

Conference, convoked by Oblast and Mur Health
Departments, 22 - 24 Nov 47, was attended by 45
psychiatrists. Reports on organization were
made by D. S. Svezhko, Dir, Oblast Health Dept,
and others, specifically on increasing and im-
proving personnel, clinical and consultation
facilities, and printed matter. Other reports

149T67

USSR/Medicine - Neurology (Contd) Jan/Feb 49

Included: Prof Yu. V. Pervushin, "Pathological
Problems of the Vegetative System," Docent S. P.
Shvetsov, "Acute and Chronic Radiculoneuritis,"
etc. New methods of treatment -- electric and
insulin shock -- were demonstrated. Conference
has been influential in establishing special beds
in Molotov Hosp at Perm II Sta, at Factory No 19,
at Molotov Rayon Hosp, and at a hospital with a
neurological department at Kamsk Health Resort.
Some of the 100 beds in the Neurol Clinic,
Molotov Med Inst, have been set apart for chil-
dren, acute neuropathic cases, and patients re-
quiring neurosurgical care.

149T67

PERVUSHIN, V. YU.
USSR/Medicine, Neuro-physiology

FD-2956

Card 1/1 Pub. 17-20/23

Author : Pervushin, V. Yu.

Title : ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~
: The nervous apparatus of the pancreas

Periodical : Byul. eksp. biol. i med. 7, 69-73, July 1955

Abstract : Author investigated the innervation of the pancreas and the connections with the central nervous system, by studying human embryos and mature cats. The nerves enter the gland on the posterior surface usually together with the blood vessels. Author describes their distribution in detail but their connection with the different gland elements is yet to be fully clarified. 19 references, 11 USSR, 10 since 1940. Micrographs.

Institution : Naval Medical Academy

Submitted : 29 Oct 1954

PERVUSHIN, V.Yu.

Composition of the spinal nerve roots. *Biol. eksp. biol. i med.* 39
no.2:61-65 P '55. (MLRA 8:5)

1. *Is Voenno-meditsinskoy akademii imeni S.M.Kirova.*
(NERVES, SPINAL, anatomy and histology)

PERVUSHIN, V.Yu., kandidat meditsinskikh nauk (Leningrad, Vasilevskiy
ostrov, 13, liniya, d. 54, kv. 29)

Effect of disorders of circulation in the abdominal aorta on the
spinal cord and the spinal ganglia. Vest.khir. 75 no.3:61-66 Ap
'55. (MLRA 8:7)

1. Iz kafedry normal'noy anatomii (nach.-prof. R.A.Dolgo-Saburov,
nauchn. rukov.-prof. V.P.Kurkovskiy Voenno-meditsinskoy ordena
Lenina akademii im. S.M.Kirova.

- (AORTA, physiology,
eff. of circ. disord. on spinal cord & ganglia)
- (SPINAL CORD, physiology,
eff. of aortic circ. disord.)
- (GANGLIA, SPINAL, physiology,
eff. of aortic circ. disord.)

PERVUSHIN, V.Yu., kandidat meditsinskikh nauk.

Afferent innervation of the pancreas. Vest. khir. 77 no.1:41-46
Ja '56 (MLRA 9:5)

1. Iz kafedry normal'noy anatomii (nach.- prof. V.M. Godinov)
Voyenno-morskoy meditsinskoy akademii.
(PANCREAS, innervation
afferent, histol.)

PERVUSHIN, V. Yu.

PERVUSHIN, V. Yu.

Changes in the cardiac neural apparatus under the effect of ultrahigh frequency electric field [with summary in English]. Biul. eksp. biol. i med. 43 no.6:87-92 Je '57. (MIRA 10:10)

1. Iz laboratorii chlena-korrespondenta AMN SSSR prof. A.V. Triumfova i kafedry normal'noy anatomii (nauchnyy rukovoditel' - prof. V.M. Godinov) Voenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova, Leningrad. Predstavlena akademikom K.M. Bykovym.

(HEART, innervations,
eff. of ultrahigh frequency waves on cardiac nerves (Rus))

(ULTRASONICS, effects,
on heart nerves (Rus))

PERVUSHIN, V. Yu.

Blood supply of the spinal cord [with summary in French]. Zhur. nevr.
i psikh. 57 no.1:24-29 '57. (MLRA 10:3)

1. Kafedra normal'noy anatomii Voenno-meditsinskoy akademii iemni
S.M.Kirova.

(SPINAL CORD, blood supply)

PERVUSHIN, V.Yu., kand.med.nauk (Leningrad, B-178, V.O., 13-ya liniya,
d.54, kv.29)

Sources of pancreatic innervation [with summary in English, p.159].
Vest.khir. 79 no.7:47-54 J1 '57. (MIRA 10:10)

1. Iz kafedry anatomii (nach. - prof. V.M.Godinov) Voenno-meditsin-
skoy akademii.

(PANCREAS, innervation,
(Rus))

PERVUSHIN, V.Yu., kand.med.nauk (Leningrad V-178, 13-ya Liniya, d.54.kv.29)

Innervation of the pancreas. *Nov.khir.arkh.* no.3:26-31 My-Je '58.

1. Kafedra normal'noy anatomii (Nach. - prof. V.M. Godinov) Voenno-
morekoy meditsinskoy akademii.

(PANCREAS---INNERVATION)

PERVUSHIN, V.Yu. (Leningrad, B-178, B.O. 13 liniya, d. 54 kv. 29)

Material on the morphology of the nervous system and its blood supply. "Uchenye zapiski" of the Second Moscow Medical Institute, vol. 4, 1957; "Trudy" of the Karaganda Medical Institute, vol.1, 1957. Reviewed by V.IU. Parvushin. Arkh.anat.gist. i embr. 36 no.2:89-91 P '59. (MIRA 12:4)

(NERVOUS SYSTEM)

PERVUSHIN, V.Yu. (Leningrad, V-178, V.O. 13 liniya d.54, kv.29)

Morphology of the vagus nerves; spinal conductors in the chordae
of the vagus nerves. Arkh. anat. gist. i embr. 36 no.4:28-36 Ap '59

(MIRA 12:7)

1. Kafedra normal'noy anatomii (Nach. - chlen-korrespondent AMN SSSR
prof. B. A. Dolgo-Saburov) Voenno-meditsinskoy ordena Lenina akademii
in. S. M. Firova.

(VAGUS NERVES, anat. & histol.

spinal conductors in vagal chordae (Rus))

PERVUSHIN, V.Yu. (Leningrad, V-178, V.O. 13-liniya, 54, kv.29)

Relation between the afferent neurons of the vagus nerve and of the spinal nerves and the substantia reticularis of the rhombencephalon. Arkh. anat. gist. i embr. 38 no. 5:21-26 My '60.
(MIRA 14:2)

L. Kafedra normal'noy anatomii (nachal'nik - chlen-korrespondent AMN SSSR, prof. B.A. Dolgo-Saburov) Voenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.
(BRAIN) (VAGUS NERVE) (NERVES, SPINAL)

MIKHAYLOV, S.S., prof., red.; SHAYKOV, A.D., kand. med. nauk, zam. red.; OLIFSON, L.Ye., dots., red.; VILESOV, S.P., prof., red.; MITROFANOV, V.G., doktor med. nauk, red.; PERVUSHIN, V.Yu., dots., red.; BOCHKAREVA, A.A., dots., red.; PIS'MENOV, I.A., ass., red.

[Nineteenth Scientific Session of the Orenburg State Medical Institute] XIX Nauchnaya sessiya Orenburgskogo Gosudarstvennogo meditsinskogo instituta. Orenburg, 1962. 144 p.

(MIRA 16:11)

1. Orenburg. Gosudarstvennyy meditsinskiy institut. 2. Zaveduyushchiy Gospital'noy khirurgicheskoy klinikoy Orenburgskogo meditsinskogo instituta (for Vilesov). 3. Zaveduyushchiy kafedroy operativnoy khirurgii Orenburgskogo meditsinskogo instituta (for Mikhaylov). 4. Zaveduyushchiy fakul'tetskoy khirurgicheskoy klinikoy Orenburgskogo meditsinskogo instituta (for Mitrofanov). 5. Zaveduyushchaya Kafedroy glaznykh bolezney Orenburgskogo meditsinskogo instituta (for Bochkareva). 6. Zaveduyushchiy kafedroy obshchey khimii Orenburgskogo meditsinskogo instituta (for Olifson).

(ANATOMY, SURGICAL AND TOPOGRAPHICAL)

(MEDICINE, INTERNAL)

LOGACHEV, Ye.D., prof, otv. red.; PERVUSHIN, V.Yu., dots., red.;
KAGANOV, A.L., dots., red.

[Fifth Scientific Conference of the Kemerovo State Medical
Institute. Piataia nauchnaia konferentsiia Kemerovskogo
gosudarstvennogo meditsinskogo instituta. Kemerovo, 1963.
27 p. (MIRA 17:4)

1. Kemerovo. Gosudarstvennyy meditsinskiy institut. 2. Zaveduyushchiy kafedroy normal'noy anatomii Kemerovskogo gosudarstvennogo meditsinskogo instituta (for Pervushin).
3. Zaveduyushchiy kafedroy obshchey biologii i meditsinskoy parazitologii Kemerovskogo gosudarstvennogo meditsinskogo instituta (for Logachev).
4. Zaveduyushchiy kafedroy propevticheskoy terapii Kemerovskogo gosudarstvennogo meditsinskogo instituta (for Kaganov).

L 20404-66 IJP(c) AT

ACC NR: AP5024750

SOURCE CODE: GE/0030/65/011/002/0553/0556

AUTHOR: Uritsky, S. I.; Pervushin, Yu. V.

ORG: Ural State University, Sverdlovsk

TITLE: Effect of steady state illumination on the ^{2.1}electron distribution function in semiconductors

SOURCE: Physica status solidi, v. 11, no. 2, 1965, 553-556

TOPIC TAGS: semiconductor, photoconductor, photoconductivity, electron distribution, distribution function, photocurrent

ABSTRACT: The effect of steady state illumination on the distribution function of the photo-excited current carriers is considered. It is shown that the energy of the distribution function may be non-monotonic. This may essentially determine the spectral characteristics of the photocurrent. The dependence of the photocurrent on the optical frequency near the absorption edge may differ from the corresponding dependence of the absorption constant. It is shown that the oscillations of photoconductivity with optical frequency

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L 20404-66

ACC NR: AP5024750

at low temperatures may be due to this dependence of the distribution functions on the nature of the incident light. Orig. art. has: 15 formulas.

SUB CODE: 20,09/ SUBM DATE: 25May65/ SOV REF: 001/
OTH REF: 003/

Card 2/2 *BK*

NOVOGRUSKIYA, Ye.L.; ISAYOVA, I.I.; PERVUSHINA, L.V.

Effect of herbicides on soil microflora. *Agrabiologiya*
no.4:577-582 31-Aug '65. MIRA 1965

1. Moskovskoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo instituta sel'skokhozyaystvennykh mashin i Moskovskaya vshchnaya tekhnologicheskaya laboratoriya Vsesoyuznogo instituta zashchity rasteniy.

KALIEZ, M.A.; KULEVA, E.M.; FEFLOVA, M.M.; FLOTOVA, I.V.

Obtaining higher α -olefins of normal structure by the
catalytic conversion of paraffins. *Neftekhimiya* 5 no. 1
24-32 Jan-Feb 1965. (MIRA 1965)

CHEREPAKOV, V.I.; PERVUSHINA, T.G.

Dispersion formulas used in the quantum optics of solids approaching strong coupling (case of monoclinic crystals). *Viz.met.1 metaloved.* 3 no.1:188-190 '56. (MLBA 9:11)

1. Ural'skiy gosudarstvennyy universitet imeni A.M.Gor'kogo.
(Metal crystals) (Electrons--Spectra)

PERVUSHINA, L.

USSR

On: Construction of a River Fleet; Administration for the Mastering and Exploitation of Small Rivers

SOURCE: N: Sovetskaya Sibir, Novosibirsk, 1945 Abstracted in USAF "Treasure Island", Report No. 20562, on file in Library of Congress, Air Information Division.

PERVUSHINA, T. G.

21

4

Dispersion Formulas of Quantum Optics of Solids Using the
 Tight-Binding Approximation. (Case of One-Dimensional
 Crystal) Y. I. Chetaniyev and T. G. Pervushina (Vista
 Spinalo: Metallurgiya, 1980, 2, (1), 100-103).—[In
 Russian]. A letter. Calculations of opt. dispersion show that,
 in the one-dimensional case, the tight-binding approximation
 leads to results more in accord with observation than does
 the free electron model. It is not known if the two models give
 different results for three-dimensional crystals. A. E. B.

no
page

Handwritten signature or initials.

PERVUSIN, S.

PERVUSIN, S. What is the moral wear of machines and does it exist under socialist conditions? P. 429.

Vol. 7, No. 9, September 1956

INDUSTRIA TEXTILA

TECHNOLOGY

Bucuresti

So: East European Accension, Vol. 6, No. 3, March 1957

PERVIKOVA, L.M.; GOL'DENBERG, A.M.; TITOVA, V.N. (Simferopol')

Use of the PMS small output conveying unit by the Simferopol Factory
No.2. Shvein.prom. no.5:30-31 S-0 '60. (MHA 13:12)
(Assembly-line methods) (Simferopol--Clothing industry)

USSR/Microbiology - General Microbiology

F-1

Abs Jour : Ref Zhur - Biol., No 12, 1958, 52706

Author : Pervyshin, B.P.

Inst : Kuban Medical Institute.

Title : Dissociation Phenomenon in Brucella Cultures and Variability in Typing Features.

Orig Pub : Nauchn. tr. Kubansk. med. in-ta, 1957, 15(28), 168-176.

Abstract : In typing 528 brucella cultures, 94.1% belong to 3 basic types; 5.9% were not definitely identified. Among the typed cultures 20.1% of "rough" variants were found. A selective examination of 4 dissociating strains (types melitensis, abortus, suis, and paramelitensis) and their variants showed that transition of cultures from an S to an R form is sometimes accompanied by a change in their differential-diagnostic features. Consideration of the

Card 1/2

PERVYSHIN, N.

All quiet in our factory committee. Sov.profsoluzy 4 no.4:49-51
Ap '56. (MIRA 9:7)

1.Slesar' transformatornogo tsekha Yaroslavskogo zavoda "Krasnyy
mayak".
(Works councils)

PEK VUSHINIZ, H.N.

AFANAS'YEVA, A.L., kand.biol.nauk; BAYERTUYEV, A.A., kand.sel'skokhozyaystvennykh nauk; HAL'CHUGOV, A.V., kand.sel'skokhozyaystvennykh nauk; BELOZEROVA, H.A., agronom; BELOZOROV, A.T., kand.sel'skokhozyaystvennykh nauk; MAKSIMSIKO, V.P., agronom; BERNIKOV, V.V., doktor sel'skokhozyaystvennykh nauk; BOGOMYAGKOV, S.T., kand.sel'skokhozyaystvennykh nauk; VOLYNETS, O.S., agronom; BODROV, M.S., kand.sel'skokhozyaystvennykh nauk; BOGOSLAVSKIY, V.P., kand.tekhn.nauk; KHRUPPA, I.F., kand.tekhn.nauk; VERNER, A.R., doktor biol.nauk; VOZBUTSKAYA, A.Ye., kand.sel'skokhozyaystvennykh nauk; VOINOV, P.A., kand.sel'skokhozyaystvennykh nauk; VYSOKOS, G.P., kand.biol.nauk; GALDIN, M.V., inzhener-mekhanik; GERASIMOV, S.A., kand.tekhn.nauk; GORSHENIN, K.P., doktor sel'skokhozyaystvennykh nauk; YELENEV, A.V., inzhener-mekhanik; GERASKEVICH, S.V., mekhanik [deceased]; ZHARIKOVA, L.D., kand.sel'skokhozyaystvennykh nauk; ZHEGALOV, I.S., kand.tekhn.nauk; ZIMINA, Ye.A., agronom; BARANOV, V.V., kand.tekhn.nauk; PAVLOV, V.D.; IVANOV, V.K., kand.sel'skokhozyaystvennykh nauk; KAPLAN, S.M., kand.sel'skokhozyaystvennykh nauk; KATIN-YARTSEV, L.V., kand.sel'skokhozyaystvennykh nauk; KOPYRIN, V.I., doktor sel'skokhozyaystvennykh nauk; KOCHERGIN, A.Ye., kand.sel'skokhozyaystvennykh nauk; KOZHEVNIKOV, A.R., kand.sel'skokhozyaystvennykh nauk; KUZNETSOV, I.N., kand.sel'skokhozyaystvennykh nauk; LAMBIN, A.Z., doktor biol.nauk; LEONT'YEV, S.I., kand.sel'skokhozyaystvennykh nauk; MAYBORODA, N.M., kand.sel'skokhozyaystvennykh nauk; MAKAROVA, G.I., kand.sel'skokhozyaystvennykh nauk; MEL'NIKOV, G.A., inzhener; ZHDANOV, B.A., kand.sel'skokhozyaystvennykh nauk; MIKHAYLENKO, M.A., kand.sel'skokhozyaystvennykh nauk; MAGILEVTSEVA, H.A., kand.sel'skokhozyaystvennykh nauk;

(Continued on next card)

AFANAS'YBVA, A.L.... (continued) Card 2.

NIKIFOROV, P.Ye., kand.sel'skokhozyaystvennykh nauk; NENASHEV, N.I.,
lesovod; PERVUSHINA, A.N., agronom; PLOTNIKOV, N.A., kand.biol.nauk;
L.G.; kand.sel'skokhozyaystvennykh nauk; PAVLOV, V.D., kand.tekhn.
nauk; FRUTSKOVA, M.G., kand.sel'skokhozyaystvennykh nauk; GURCHENKO,
V.S., agronom; POPOVA, G.I., kand. sel'skokhozyaystvennykh nauk;
PORTYANKO, A.F., agronom; RUCHKIN, V.N., prof.; RUSHKOVSKIY, T.V.,
agronom; SAVITSKIY, M.S., kand.sel'skokhozyaystvennykh nauk; BOLDIN,
D.T., agronom; NESTEROVA, A.V., agronom; SERAFINOVICH, L.B., kand.
tekhn.nauk; SMIRNOV, I.N., kand.sel'skokhozyaystvennykh nauk;
SREBRYANSKAYA, P.I., kand.tekhn.nauk; TOKHTUYEV, A.V., kand. sel'sko-
khozyaystvennykh nauk; FAL'KO, O.S., iznh.; FEDYUSHIN, A.V., doktor
biol.nauk; SHEVLYAGIN, A.I., kand.sel'skokhozyaystvennykh nauk;
YUFEROV, V.A., kand.sel'skokhozyaystvennykh nauk; YAKHTENFEL'D, P.A.,
kand.sel'skokhozyaystvennykh nauk; SEMENOVSKIY, A.A., red.; GOR'KOVA,
Z.D., tekhn.red.

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Sibiri. Moskva, Gos. izd-vo sel'khoz. lit-ry. Vol.1. 1957. 964 p.
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KALIKO, M.A.; PERVUSHINA, M.N.

Studying character of the surface of cracking catalysts by
the method of adsorption of cesium cations tagged with
radioactive cesium. Khim. i tekhn. topl. i masel 4 no.1:35-40
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1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftyanoy
promyshlennosti,
(Catalysts) (Adsorption) (Cesium)

PERVUSHINA-GROSHEVA, IV

AKULOV, V.V., kand.geogr.nauk; BABUSHKIN, I.N., doktor geogr.nauk;
ORBESHINA, L.M.; SKVORTSOV, Yu.A., doktor geol.-mineral.nauk;
PETROV, N.P., kand.geol.-mineral.nauk; CHERNEVSKIY, N.H.;
KRYLOV, M.M., doktor geol.-mineral.nauk; KHASANOV, A.S.;
BEDER, B.A., kand.geol.-mineral.nauk; KIMBERG, N.V., kand.
sel'skokhoz.nauk; SUCHKOV, S.P.; GLAGOILEVA, A.F.; PERVU-
SHINA-GROSHEVA, A.N.; VERNIK, R.S., kand.biol.nauk; MOMOTOV,
I.P.; GRANITOV, I.I., kand.biol.nauk; SALIKHBAYEV, Kh.S., kand.
biolog.nauk; STEPANOVA, N.A., kand.biolog.nauk; YAKHONTOV, V.V.;
DAVLETSHINA, A.G., kand.biolog.nauk; MURATBEKOV, Ya.M., kand.
biolog.nauk [deceased]; KUKLINA, T.Ye.; KORZHENEVSKIY, N.L., red.
[deceased]; GORBUNOV, B.V., kand.geologo-mineral.nauk, red.;
DONSKOY, P.V., red.; YAKOVENKO, Ye.P., red.izd-va; GOR'KOVAYA,
Z.P., tekhn.red.

[Materials on the productive forces of Uzbekistan] Materialy po
proizvoditel'nykh silam Uzbekistana. Tashkent. No.10. [Natural
conditions and resources of the lower reaches of Amu-Darya;
Kara-Kalpak A.S.S.R. and Khorezm Province of the Uzbek S.S.R.]
Prirodnye usloviia i resursy nizov'ev Amu-Dar'i; Kara-Kalpakskaya
ASSR i Khorezmskaya oblast' UzSSR. 1959. 351 p. (MIRA 13:5)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Sovet po izucheniyu
proizvoditel'nykh sil. 2. Chleny-korrespondenty AN UzSSR (for
Yakhontov, Korzhenevskiy).

(Amu-Darya Valley--Physical geography)

PERVUSHINA-GROSHEVA, A. N., Cand Bio Sci -- "Microflora of ^{Uz} takyr soils of Amu-Darya lowlands and its change in the process of ^{cultivation} assimilation." Tashkent, 1961. (Inst of Bot Acad Sci UzSSR) (KL, 8-61, 238)

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PERVUSHINA-GROSHEVA, A.N.

Microbial flora of waters of the Amu Darya and irrigation canals
branching off from it. Uzb. biol. zhur. no.3:3-7 '61.
(MIRA 14:6)

1. Institut botaniki AN UzSSR.
(~~AMU DARYA VALLEY--IRRIGATION WATER--MICROBIOLOGY~~)

PERVYAKOVA, L.M.

Reducing fabric losses in the clothing manufacture. Leh.prom.
no.1:64-66 Ja-Mr '62. (MIRA 15:9)

1. Simferopol'skaya shveynaya fabrika.
(Simferopol'—Clothing industry)

L 4457-66 EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JG

ACCESSION NR: AP5018718

UR/0070/65/010/004/0509/0514
548.736:535.342

AUTHORS: Ivanov, V. I.; Varfolomeyev, M. B.; Petrov, K. I.;
Pervykh, V. G.; Plyushchev, V. Ye.

58
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B

TITLE: X-ray diffraction and infrared spectroscopic study of
tetrahydrates of perrhenate of rare earth elements and yttrium

SOURCE: Kristallografiya, v. 10, no. 4, 1965, 509-514

TOPIC TAGS: x-ray diffraction analysis, IR spectroscopy, crystal
lattice structure, crystal symmetry, crystal unit cell, rare earth
element

ABSTRACT: The authors investigated crystals of tetrahydrates of
perrhenate of lanthanum, lanthanoids, and yttrium, the production and
chemical analysis of which were described in an earlier paper (Dokl.
AN SSSR v. 158, 664, 1964). A schematic study of the single crystals
in x-ray cameras and with a diffractometer has shown that these sub-
stances crystallize in three different structural types. The syngony,

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ACCESSION NR: AP5018718

the space group, and the unit-cell dimensions of representatives of these three groups are presented. The first group (LaGePr), consists of crystals belonging to the monoclinic syngony, space group C_{2h}^5 -- $P2_1/c$ with four formula units per unit cell. The second group includes Pr, Nd, Sm, Eu, Gd, Tb, and Dy, with crystals of rhombic symmetry, and space group C_{2v}^9 -- $Pna2_1$, with four formula units per unit cell. The third group includes Ho, Er, Tu, Yb, Lu, and Y, forming crystals of triclinic syngony. The space group is $T1$ and the unit cell contains two formula units. The parameters of the unit cells and the infrared absorption spectra were obtained for some of these elements. In the case of the tetrahydrate of praseodymium perrhenate, it crystallizes from solutions in both monoclinic and rhombic syngony under the same conditions. 'The authors thank Ye. S. Makarov for interest in the work.' Orig. art. has: 3 figures and 2 tables.

Card 2/3

I 1157-66

ACCESSION NR: AP5018718

2

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V. I. Venadskogo AN SSSR (Institute of Geochemistry and Analytical Chemistry, AN SSSR ; Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M. V. Lomonosova (Moscow Institute of Fine Chemical Technology)

SUBMITTED: 22Dec64

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OTHER: 003

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Card 3/3

KHARITONOV, Yu.Ya.; YURANOVA, L.I.; PLYUSHCHEV, V.Ye.; PERVYKH, V.G.

Infrared absorption spectra of zirconium (IV) and hafnium (IV) nitrate compounds. Zhur.neorg.khim. 10 no.4:741-744 Ap '65. (MIRA 18:6)

1. Institut obshchey i neorganicheskoy khimii AN SSSR imeni Kurnakova i Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni Lomonosova.

PERYCH, Stefan [Perycz, Stefan]

Dynamic problems of controlling reheat steam turbines. Inst
masz przep PAN no.14/16:373-388 '63.

i. Instytut Maszyn Przeplywowych, Polska Akademia Nauk, Gdansk.

PERYCZ, Stefan (Gdansk)

Dynamic problems of steam turbine control with interstage
reheat. Inst masz przep PAN no.11/12:137-174 '62.

PERYCZ, Stefan, doc., dr., inz.

6,000 kW back pressure steam turbine of Polish construction. Przegl
mech 20 no.24:733-737 '61.

1. Politechnika Gdanska.

(Poland—Steam turbines)

Peryshtin, Aleksandr V.

✓ Peryshkin, Aleksandr V., and Tret'yakov, N. P.: Fizika
(Physics). 2nd ed. Moscow: Trudreservizdat, 1965.
453 pp.

PH (X)

PERYATINSK IY, G.F. ; DERNOVA, M.A. ; ROZOVSK IY, A.D.

Furnace-bottom slags in the production of slag pumice. Stroi. mat.
6 no.10:27 0 '60. (MIRA 13:10)

(Slag)

Perycz, S

321.153.918

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3782

Perycz S. Notes Concerning Reaction Influence in the Working Efficiency of the Multi-Stepped Axial Steam Turbines.

"Uwagi o wpływie stopnia reakcyjności na sprawność wielostopniowej osłowej turbiny parowej". Przegląd Mechatyczny. No. 7, 1954, pp. 201-208, 12 figs.

When investigating the degree to which the efficiency of the multi-stepped, axial, steam turbine is dependent on the degree of reaction, the author came to the conclusion — contrary to the commonly held view — that, within small values of the ratio u/c_0 , the efficiency factor of the impulse and of the reaction turbines is the same (where u = circumferential velocity of blades, and c_0 = iso-entropic velocity). Several diagrams were prepared showing that, within low values of the Parson numbers and high c_0/u values, the degree of reaction decided upon is immaterial. With a high Parson number however, — with $c_0/u < \infty$ 1.7, the maximum circumferential efficiency η_u shows a degree of reaction $\theta = 0.5$; this means that the turbine of 50% reaction is highly efficient.

Qu

PERYCZ, S.

3459 621.753.1 : 621.05.074-253
Perycz S. Determination of Shrinkage Allowance in Turbine Diaphragms

3

POL - 8

„Określenie tolerancji wykonania połączeń skurczonych łaz w wirnikowych”. Przegląd Mechaniczny, No. 2, 1954, pp. 40-43, 3 figs., 1 tab.
Part I of the article contains tensile strength computations for steam turbine diaphragms of uniform thickness -- with and without axial hole -- and diaphragms of varying thickness. Part II gives an example of computing turbine diaphragm stresses on the basis of the Gruber method. Part III, contains computations of shrinkage allowances. It follows from the author's expostions that: 1) the higher the load on the diaphragm the closer should be the shrinkage allowances of unloading turbine diaphragms; 2) the smaller the diameter of the boss the higher is the shrinkage allowance, at a smaller % of increment in stress.

low 2/27 2/28

PERYCZ, S.

"Remarks on Z. Bogusz' article 'Some Problems Connected with the Selection of the Number of Stages in Steam Turbines (Industrial) of the Low-Power and of the Impulse-Blading Type'; also, the answer by Z. Bogusz."

p. 136 (Gospodarka Ciepła, Energetyka Przemysłowa) Vol. 5, no. 4, July/
Aug. 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

MALOV, N.N., prof.; PERYSHKIN, A.V., red.; MAKSAEV, A.V., tekhn.red.

[Programs of pedagogical institutes; radio engineering] Programmy pedagogicheskikh institutov; radiotekhnika [Moskva] Uchpedgiz, 1957. 6 p. (MIRA 11:3)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye vysshikh i srednikh pedagogicheskikh uchebnykh zavedenii. (Radio)

Peryshkin, A. V.

AUTHORS: Popov, P.I., and Peryshkin, A.V. (Moscow)

47-6-28/37

TITLE: The Development of Higher Pedagogical Education in the RSFSR
(Razvitiye vysshego pedagogicheskogo obrazovaniya v RSFSR)

PERIODICAL: Fizika v Shkole, 1957, # 6, pp 71 - 79 (USSR)

ABSTRACT: The article describes the conditions and poor facilities existing in the pedagogical training of teachers in pre-revolutionary Russia. The authors describe the introduction of a new system in the training of teachers for Soviet schools which began at an All-Russian Conference of school workers in August 1918, and then mention the various stages of development. During WW II the number of teachers decreased from 670,800 in 1940/41 to 429,700 in 1942/43. Towards the end of the war the network of pedagogical educational institutions was re-established, however, the general impetus in culture, education, and technical progress demanded more efficient training, which the pedagogical institutes could not provide. For many years after the war there was a shortage of students at the physico-mathematical faculties of the pedagogical institutes. The number of male students decreased sharply, and even in the departments of physics, until recently, the number of young men was only 7 - 10 per cent of the entire number.

Card 1/2

PALEYEV, Grigoriy Ivanovich; PRYSHKIN, A.V.

[Physics; a textbook for classes 6 and 7 of seven-year and secondary schools] Fizika; uchebnik dlia 6-7 klassov semiletnei i srednei shkoly. Part 1 [Elements of mechanics. Heat] Elementy mekhaniki. Teplota. Izd. 15. perer. Moskva, Gos. uchebno-pedagog. izd-vo, 1948- .

(Physics)

(MLRA 9:5)