AMIROVA, S.A.; PECHKOVSKIY, V.V.; PROKHOROVA, V.G.; KOLPAKOV, L.Ye.; BAYDALIN, S.I.

Studying the oxidation of vanadium-bearing slag in industrial conditions. Izv. vys. ucheb. zav.; tsvet. met. 5 no.6:93-97 '62. (MIRA 16:6)

1. Permskiy politekhnicheskiy institut, kafedra tekhnologii neorganicheskikh veshchestv.
(Vanadium—Metallurgy) (Slag)

BAYDALINA, Natal'ya Al'fonsovna

First results of the organization of research in forest physiology in the Democratic Republic of Vietnam. Problem. ekol. i fiziol. les. rast. no.2:37-60 '64. (MIRA 18:11)

1. Leningradskaya ordena Lenina lesotekhnicheskaya akademiya imeni S.M. Kirova.

L 38075-66 EWT(m)/T WW/JW/JWD

ACC NR: AP6012863 SOURCE CODE: UR/0127/66/000/004/0058/0060

AUTHOR: Brichkin, A. V. (Professor, Doctor of technical sciences); Zabudkin, L. L. (Candidate of technical sciences); Nizovkin, V. M. (Engineer); Baydalinov, G. A. (Engineer); Yeremin, B. F. (Engineer); Zayats, Ya. S. (Engineer)

ORG: [Brichkin, Zabudkin, Nizovkin] Kazakh Polytechnic Institute (Kazakhskiy politekhnicheskiy institut); [Zayats, Baydalinov, Yeremin] "Mirgalimsay" Mine (Mirgalimsay rudnik)

TITLE: Industrial tests of igdanits at the "Mirgalimsay" mine

SOURCE: Gornyy zhurnal, no. 4, 1966, 58-60

TOPIC TAGS: explosive, explosive charge

ABSTRACT: In December 1964, tests of igdanits (explosives composed of granulated ammonium nitrate and diesel oil) were begun at the "Mirgalimsay" mine for the purpose of determining the amount of toxic gases formed during their explosion, and the effectiveness of the explosives. The tests showed that the total amount of toxic gases evolved by the igdanits was no greater than in the case of detonite or dinaphthalite. The effectiveness of several types of charging machines was also studied. The substantial advantages of charging blast holes by means of the ZDU-50 machine are listed. The machine gives a charging density of 1.15 g/cm^3; its use for 10 months in 1965 permitted the charging of 20,000 m of blast holes, for which 35,000 kg of igdanit was used, and 95,000 tons of ore was blasted loose. The total savings for this period was 10,200 rubles. Orig. art. has: 2 tables. [08]

SUB CODE: 19/ SUBM DATE: none/ ATD PRESS: 5016 UDC 662.242:622.272

Card 1/1

MIROSHNICHENKO, A.M., kand. tekhn. nauk; PANCHENKO, S.I., doktor tekhn. nauk; SHTROMBERG, B.I., kand. tekhn. nauk; FRISHBERG, V.D., kand. tekhn. nauk; BAYDALINOV, P.A., inzh.; GRYAZNOV, N.S., doktor tekhn. nauk; ZASHKVARA, V.G., doktor tekhn. nauk; LAZOVSKIY, I.M., kand. tekhn. nauk; MARINICHEV, B.T., inzh.; FEL'DBRIN, M.G., kand. tekhn. nauk; BAKUN, N.A., inzh.; BARATS, B.M., inzh.; VOZNYY, G.F., kand. tekhn. nauk; MIKHAL'CHUK, A.M., inzh.; TOPORKOV, V.Ya., kand. tekhn. nauk; FLORINSKIY, N.V., inzh.; KHAYET, A.N., inzh.; SHELKOV, A.K., inzh., red.; ARONOV, S.G., doktor tekhn.nauk, red.; PREOBRAZHENSKIY, P.I., inzh., red.

[Manual for coke chemists in six volumes] Spravochnik koksokhimika v shesti tomakh. Moskva, Izd-vo "Metallurgiia." Vol.1. [Source of raw materials and preparation of coal for coking] Syr'evaia baza i podgotovka uglei k koksovaniiu. 1964. 490 p. (MIRA 17:5)

BAYDALINOV, V.A., inzhener-kapitan 1 ranga zapasa Voyenno-Morskogo Flota;
GARBOVSKIY, K.K., polkovnik zapasa Voyenno-Morskogo Flota

Give greater attention to inventions and efficiency promotion.
Mor.sbor. 44 no.3:60-69 Mr '61. (MIRA 14:4)
(Naval art and science--Technological innovations)

URIN, A.G.; BAYDALIYEVA, K.K.

Conditioned leukocyte response to paraffin therapy. Zhur. vys. nerv. deiat. 4 no.3:355-365 My-Je '54. (MLRA 8:2)

1. Iz gospital'noy terapevticheskoy kliniki Kirgizskogo gosudarstvennogo meditsinskogo instituta.

(REFLEX, CONDITIONED,
leukocyte count conditioned reactions to paraffin)
(LEUCOCYTE COUNT,
conditioned reflex reactions to paraffin)
(PETROLEUM PRODUCTS, effects,
paraffin causing conditioned reflex leukocyte count changes)

BAYDALOV, V.F.

Disease of the right kidney and ureter in the diagnosis of appendicitis. Khirurgiia 36 no.2:68-74 F '60. (MIRA 13:12)
(APPENDICITIS) (KIDNEYS—DISEASES) (URETER—DISEASES)

[illegible], Khristofor B.

Notes on hydrology. Registered lecture given at the Government University of Varna during the academic year 1947-48. Varna, Nauka i izkustvo, 1949. xii, 251 p. (Universitetska literatura) (51-18537)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204020013-9"

BAYRAMOV, M.M.; BABAYEV, I.S.; VARTAPETYAN, L.I.; BAYDAROV, E.M. [deceased]

Some problems of inadequate performance of siphon units in water supply lines. Za tekh.prog. 3 no.9:35-37, 48 S '63. (MIRA 16:10)

1. Bakinskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta vodosnabzheniya, kanalizatsii, gidrotekhnicheskikh sooruzheniy i inzhenernoy gidrogeologii.

BAYDASOVA, T., kandidat tekhnicheskikh nauk.

Velocity of electrons in metals. Tekh. molod. 21 no.6:40 Je '53.
(MLRA 6:6)
(Electrons)

BAYDAULETOV, O.K.

Effect of ultraviolet rays on the growth and development of spring wheat. Izv.AN Kazakh.SSR.Ser.bot.i pochv. no.3:66-73 '62. (MIRA 15:12)

(Kazakhstan--Wheat)
(Plants, Effect of ultraviolet rays on)

[redacted], M.; BAYDAULETOV, O.K.

Comparative effect of various types and doses of ionizing radiations in preplanting irradiation of spring wheat seeds. Vest. AN Kazakh. SSR 21 no.11:66-77 N '65.

(MIRA 18:12)

1. Chlen-korrespondent AN KazSSR (for Cabdrakhmanov).

SOV/65-58-8-4/14

AUTHORS: Marushkin, B. K; Bondarenko, M. F; Tsalik, V. L. and Baydavletova, F. G.

TITLE: The Effect of Recycling on the Definition of Separation During Purification with Selective Solvents (Vliyaniye risaykla na chetkost' razdeleniya pri ochistke izbiratel'nymi rastvoritelyami).

PERIODICAL: Khimiya i Tekhnologiya Topliv i Masel, 1958, Nr.8. pp. 21 - 24. (USSR).

ABSTRACT: During fractionation of crudes with selective solvents, the efficiency of separation is increased when a recycle is used in the extraction system. The recycle can be produced by changing the temperature of the extraction solution; by adding an anti-solvent to the extraction solution; by supplying an extract to the extraction solution; by supplying to the extraction solution a second solvent which does not mix completely with the solution. The experimental part of this investigation consisted of three series of tests. In the first series the efficiency of various methods of agitating the recycle was compared. The recycle was prepared by (a) changing the temperature, (b) flooding the extraction solution and (c) adding the extract to the extraction solution. The properties of

Card 1/3

The Effect of Recycling on the Definition of Separation During Purification With Selective Solvents.

the crude components of the recycle were then compared. The extraction solution comprised a mixture of 400 ml of phenol and 100 ml of petroleum product which boiled within the limits of 200 - 370°C, d_4^{20} = 0.846, and sulphur content of 1.15%. This mixture was homogeneous at and above 52°C. Figures 2 and 3 show the dependence of the properties of the raffinate, separated from the recycle, on the method of preparing the latter. During the second series the influence of the method of agitating the recycle during a three-stage counter-current extraction was investigated (Fig.4); dry phenol was used as solvent. The third series of experiments was carried out to determine the possibility of compensating the lowering of the definition of the fractionation when adding the extract to the extraction solution by increasing the supply of phenol, or by increasing the number of stages during the purification. The conditions and results of the second and third series of experiments are given in a table on page 23. The authors concluded that the method of agitation of the

The Effect of Recycling on the Definition of Separation During Purification with Selective Solvents.

recycle influences its quality and the definition of the separation of the crude with the aid of phenol. During the purification with phenol, the supply of the extract to the extraction solution instead of water, lowers the degree of definition of separation, and makes it possible to reduce the supply of water. There are 4 Figures, 1 Table and 3 Soviet References.

ASSOCIATION: Ufimskiy neftyanoy institut. (Ufa Petroleum Institute).

1. Petroleum--Fractionation 2. Solvent extraction--Effectiveness
3. Solvent extraction--Materials

28036
S/081/61/000/015/116/139
B102/B101

11.0140

AUTHORS: Marushkin, B. K., Berg, G. A., Sidorocheva, L. V., Baydavletova, F. G.

TITLE: Extractive deparaffination of diesel fuel

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 15, 1961, 480, abstract 15M192 (Sb. tr. Ufimsk. neft. in-ta, no. 3, 1960, 187 - 194)

TEXT: Deparaffination of the diesel fraction of Devonian petroleum (boiling point, 200 - 350°C; specific weight, 0.837; solidifaction point, -12°C; content of n-paraffines, 26% by weight) was used as an example to show that phenol extraction is a useful method for deparaffination of directly fractionated fuel. The separation of n-paraffins is considerably improved if the number of extraction stages is increased and if relatively narrow fractions are separated. A sharp increase of the phenol consumption improves the indices obtained only little. The clearness of separation attained in the experiments was insufficient to obtain a winter sort of diesel fuel solidification point, -35 or -45°C). It is, however, possible to improve the indices of the process if solvents of higher selectivity are

Card 1/2

28036
S/081/61/000/015/116/139
B102/B101

Extractive deparaffination of...

chosen. [Abstracter's note: Complete translation.]

Card 2/2

GOL'DREYER, Iona Gutelevich; [redacted] retsenzent; ZAKHAROV, V.K., retsenzent; MIKHLIN, B.Z., redaktor; ZAKRODINA, A.A., tekhnicheskiy redaktor.

[Voltage regulators] Stabilizatory napriazheniia. Izd. 2-oe, perer. Moskva, Gos.energ.izd-vo, 1957. 227 p. (MIRA 10:11)
(Voltage regulators)

L 43748-65

ACCESSION NR: AR5009486 S/0124/65/000/003/B128/B128

SOURCE: Ref. zh. Mekhanika, Abs. 3B773

AUTHOR: Baydedayev, A.; Senkevich, A.A.

TITLE: The calculation of periods of rotational relaxation in molecular hydrogen

CITED SOURCE: Sb. Primeneniye ul'trakust. k issled. veshchestva. Vyp. 17. M., 1963, 207-212

TOPIC TAGS: molecular hydrogen, rotational relaxation period, Baltzmann equation, gas kinetics

TRANSLATION: Quantum-mechanical calculations of the effective crosssection of inelastic collisions for H_2 are employed to evaluate periods of rotational relaxation in H_2 on the basis of Boltzmann's gas-kinetic equations. The results obtained agree with the data of ultraacoustic measurements.

SUB CODE: ME, NP ENCL: 00

Card 1/1

BAYDEDAYEV, A.; SENKEVICH, A.A.

Vibrational relaxation in gases. Akust. zhur. 9 no.3:279-282 '63. (MIRA 16:8)

1. Moskovskiy oblastnoy pedagogicheskiy institut imeni N.K. Krupskoy.

(Molecules--Vibration)
(Gases, Kinetic theory of)

ACCESSION NR: AP4039286 S/0046/64/010/002/0239/0241

AUTHOR: Baydedayev, A.

TITLE: The particular case of relaxation with exchange of vibrational quanta

SOURCE: Akusticheskiy zhurnal, v. 10, no. 2, 1964, 239-241

TOPIC TAGS: molecular vibrational state, vibrational quantum exchange, molecular collision, relaxation time

ABSTRACT: When a gas is composed of multiatomic molecules and the first excited vibrational state lies close to the second excited state, then during collisions the probability of quantum exchange between these states is quite likely. The relaxation time of such a process is found, considering that the relaxation times of other elementary processes are sufficiently different to be neglected. In general, if the a and b "components" of the molecules are in the excited states i and j before collision and states k and l after collision, then

$$P_{ij}^{kl}(a, b) = \int\int f_{ai} f_{bj} Q_{aibj}^{akbl}(g) g_{aibj}\, dv_{ai} dv_{bj},$$

where f_{ai} and f_{bj} are the velocity distribution functions, g is the relative

Card 1/3

ACCESSION NR: AP4039286

velocity of the molecules before collision and $Q_{ai\ bj}^{ak\ bl}(g)$ is the effective inelastic collision cross section of the molecules a and b. It is assumed that

$$hv_b \gg kT\ E_b \gg E_a,$$

where $\left(hv_a \sum_i (n_{ai} = E_a \quad hv_b \sum_j (n_{bj} = E_b \right)$ the n's refer to the number of molecules in the indicated state. The resulting equation is $-\frac{dE_a}{dt} = w_a(E_a - E_a(T))$, the solution of which is obvious. Here the relaxation time for the particular process under consideration $\tau_a = 1/w_a$, where $w_a = \sum_b 2x_b P_{ab}^{ab}(a, b) N \frac{e^{\theta_a} - 1}{(e^{\theta_b} - 1)^2}$.

N is the total number of molecules, $x_b = N_b/N$ and $\theta_b = hv_b/kT$. Orig. art. has: 8 equations.

ASSOCIATION: Moskovskiy oblastnoy pedagogicheskiy institut im. N. K. Krupskoy

Card 2/3

ACCESSION NR: AP4039286

(Moscow District Pedagogical Institute)

SUBMITTED: 13Apr63 DATE ACQ: 12Jun64 ENCL: 00

SUB CODE: ME,OP NO REF SOV: 000 OTHER: 003

Card 3/3

ACCESSION NR: AP4039624 S/0076/64/038/005/1300/1302

AUTHOR: Baydedayev, A.

TITLE: Relaxation of multiple-atom molecules in gas

SOURCE: Zhurnal fizicheskoy khimii, v. 38, no. 5, 1964, 1300-1302

TOPIC TAGS: relaxation, complex molecule relaxation, gas molecule relaxation, quantum, quantum exchange, vibrational energy compensation, resonance, close resonance, energy exchange, none elastic condition, molecular collision, molecule velocity, molecular excitation

ABSTRACT: Relaxation in such molecules may be caused by different elementary processes. If the first excited state lies close to the second excited vibrational state of the molecule which is the collision partner, i.e. if there is exact or close resonance, a quantum exchange between these states by compensation of the vibrational energies is highly probable. Assuming that the relaxation time of this process differs considerably from those related to the various other elementary processes, this process may be studied separately and equation (1) written:

Card 1/3

ACCESSION NR: AP4039624

$$-\frac{dn_{vmi}}{dt}=\sum_{v_1m_1j}n_{v_1m_1j}\{[P^{i+1\,j-2}_{ij}(vm,\ v_1m_1)+P^{i-1\,j+2}_{ij}(vm,\ v_1m_1)]n_{vmi}-P^{i\,j+2}_{i+1\,j}(vm,\ v_1m_1)n_{vm\,i+1}-P^{i\,j-2}_{i-1\,j}(vm,\ v_1m_1)n_{vm\,i-1}\}. \quad (1)$$

(gasokinetic equation)where n_{vmi} is the number of molecules of the v component of the gas mixture at the i-excited level of the m-vibrational degree of freedom; Here f_{vmi}, $f_{v_1m_1j}$ are functions of molecule distribution according to speed, g - relative velocity of the 2 colliding molecules before collision; $Q_{vmk;v_1m_1l}(g)$ - the effective cross section of non-elastic collision where the indexes v, m, i; v_1, m_1, j characterize the type, vibrational degree of freedom and state of molecules before the collision, the indexes y, m, k; v_1, m_1, l after the collision. Further development of this equation leads to

$$-\frac{dE_a}{dt}=\frac{1}{\tau_a}[E_a-E_a(T)]-\sum_b\frac{1}{\tau_{ab}}[E_b-E_b(T)], \quad (8)$$

(vibrational relaxation equation)where E is the vibration energy, the relaxation time, a represents v, m and b-v_1, m_1. which describes the vibrational relaxation under study. Assuming that the energy exchange

Card

AOCESSION NR: AP4039624

between the vibrations of the specific molecule v_b proceeds with comparative ease and equilibrium with respect to this vibrational degree of freedom is rapidly established, then

$$\frac{1}{\tau_a'} = \sum_b 2\chi_b P_{ab}^{10}(a, b) N \frac{e^{h\nu_b/kT} - 1}{(e^{h\nu_b/kT} - 1)^2} \qquad (12)$$

(effective relaxation time equation)where N is the full number of molecules, χ_b is N_b/N, will give the actual relaxation time. Orig. art. has: 13 formulas.

ASSOCIATION: Moskovskiy oblastnoy pedagogicheskiy institut (Moscow Regional Pedagogic Institute)

SUBMITTED: 24May63 ENCL: 00

SUB CODE: NP NR REF SOV: 002 OTHER: 003

Card 3/3

BAYDEDAYEV, A.; SENKEVICH, A.A.

Theory of bimolecular reactions. Zhur. fiz. khim. 38 no.10: 2448-2451 O '64. (MIRA 18:2)

1. Moskovskiy oblastnoy pedagogicheskiy institut.

L 65213-65 EWT(1)

ACCESSION NR: AR5014406 UR/0058/65/000/004/E004/E004

SOURCE: Ref. zh. Fizika, Abs. 4E22

AUTHOR: Baydedayev, A.; Senkevich, A. A.

TITLE: Vibrational relaxation in a monatomic gas mixture

CITED SOURCE: Sb. Primeneniye ul'traakust. k issled. veshchestva. Vyp. 18. M., 1963, 73-79

TOPIC TAGS: vibration relaxation, gas relaxation

TRANSLATION: Relaxation equations are derived for vibrational energy in a mixture of monatomic gases. Characteristic times are evaluated which are associated with simple excitation and with simple and complex vibrational quantum exchange. These relaxation equations are also written in the acoustic approximation.

SUB CODE: MP ENCL: 00

Card 1/1

L 59h14-65 EWT(1) IJP(c)

ACCESSION NR: AR5015980 UR/0058/65/000/005/E004/E004

SOURCE: Ref. zh. Fizika, Abs. 5E23

AUTHORS: Baydedayev, A.; Senkevich, A. A.

TITLE: On vibrational relaxation in a mixture of polyatomic molecules

CITED SOURCE: Uch. zap. Mosk. obl. ped. in-ta, v. 142, 1964, 159-168

TOPIC TAGS: polyatomic molecule, vibrational relaxation, Boltzmann equation, transition probability, kinetic equation, vibrational transition

TRANSLATION: Using a generalized Boltzmann equation with account of additional conditions for the transition probabilities, the authors obtain generalized reaction kinetic equations describing vibrational transitions in a multicomponent mixture of polyatomic gases. In the general case, the generalized kinetic equations describe simultaneously processes of single-quantum excitation and de-activation, exchange of vibrational quanta, and two-quantum excitation and de-activation of both molecules.

SUB CODE: GP ENCL: 00

Card 1/1

BAYDEDAYEV, A.

Relaxation of polyatomic molecules in a gas. Zhur. fiz. khim. 38 no.5:1300-1302 My '64. (MIRA 18:12)

1. Moskovskiy oblastnoy pedagogicheskiy institut. Submitted May 24, 1963.

L 45175-66 EWT(1)/EWT(m)/EEC(k)-2/T/EWP(k) LJP(c) WG/RTW

ACC NR: AR6025779 SOURCE CODE: UR/0058/66/000/004/E004/E004

48
B

AUTHOR: Baydedayev, A.

ORG: none

TITLE: Relaxation in a gas mixture

SOURCE: Ref. zh. Fizika, Abs. 4E25

REF SOURCE: Tr. 1-y Mezhvuz. nauchn. konferentsii po primeneniyu molekul. akust. k issled. veshchestva i v nar. kh-ve. Tashkent, 1964, 29-33

TOPIC TAGS: gas kinetics, relaxation process, gas kinetic equation

ABSTRACT: A generalized gas-kinetic equation is recorded for a density number of molecules in a fixed quantum state. The type of equation is discussed for relaxation processes connected with the period and exchange of energy between various stages of freedom with constant molecular composition and shape. A. Osipov. [Translation of abstract] [NT]

SUB CODE: 20/

Card 1/1

BAYDEK, M.; BORISOV, V.; SMIRNOV, I.

Install lightning protection systems properly. Pozh. delo 4 no.6: 3-5 Je '58. (MIRA 11:5)

(Lightning protection)

BERDYBAYEV, R.; BAYDEL'DINOV, M.

A valuable contribution to the treasure chest of Kazakh literature. Vest. AN Kazakh. SSR 18 no.6:77-82 Je '62. (MIRA 15:9)

(Ferdowsi) (Persian literature—Translations into Kazakh)

BAYDER, A. A. K.

SPEKTOROVA, Z. G., BAYDER, A. A. K.

Remote results in Recklinghausen's disease following excision of a tumor of the parathyroid gland. Khirurgiia, Moskva No. 6, June 50. p. 61-4

1. Of the Department of Roentgenology of First Moscow Medical Institute (Head—Prof. R. A. Golenko) and of the Department of Prodeutic Surgery of First Medical Institute (Head—Prof. I. L. Fayerman) attached to the Hospital imeni Medsantrud.

CLML 19, 5, Nov., 1950

SHVARTS, Boris Abramovich, prof.; BAYDER, A.A., red.; KUZ'MINA, N.S., tekhn. red.

[Malignant neoplasms of the otorhinolaryngological organs] Zlokachestvennye novoobrazovaniia lororazovaniia lororganov. Moskva, Medgiz, 1961. 354 p. (MIRA 15:7)
(EAR--CANCER) (NOSE--CANCER) (THROAT--CANCER)

BAYDER, R. I.

"The Nurnberg Trial of Twenty-three German Fascist Doctors,"
Sov. Zdrav., No. 1, 1948.

Inst. of Organization of Public Health and History of Medicine,
Academy of Medical Sciences.

BAYDER, S.Ya.

Investigating the process of the oxidation of propane by atmospheric oxygen in the presence of nitrogen oxides. Khim i tekh. topl. i masel 3 no.3:8-14 Mr '58. (MIRA 11:3)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut.
(Propane) (Oxidation)

BAYDEVLYATOV, A.B., glavnyy veterinarnyy vrach Salganskogo rayona, Arzamasskoy oblasti.

Mass experiment in subcutaneous carbon tetrachloride injections in fascioliasis in sheep. Veterinariia 32 no.11:91 N '55. (MLRA 8:12)
(CARBON TETRACHLORIDE)(SHEEP--DISEASES)(LIVER FLUKE)

BAYDEVLYATOV, A. B. Cand Biol Sci -- (diss) "Absorption of medicinal substances in neuroparalysis." Mos, 1959. 16 pp (Mos Vet Acad), 140 copies (KL, 45-59, 144)

DOROSHKO, I.N., doktor veterin. nauk; BAYDEVLYATOV, A.B., kand. veterin. nauk; MEZENTSEV, M.F., kand. biolog. nauk; IGNATOV, V.A.

Enzo-otic granulomatosis in hens. Veterinariia 41 no.2:35-40 F '65. (MIRA 18:3)

1. Nauchno-issledovatel'skiy Ukrainskiy institut ptitsevodstva (for Doroshko, Baydevlyatov, Mezentsev). 2. Glavnyy veterinarnyy vrach opytnogo khozyaystva "Borki" (for Ignatov).

BAYDIK, A.I., lyubitel'-sadovod

I advise to test. Zashch. rast. ot vred. i bol. 9 no.7:36 '64.
(MIRA 18:2)

LOBAYEV, N.I.; [illegible], A.I., lyubitel'-sadovod

Community helps. Zashch. rast. ot vred. i bol. 9 no.7:36 '64.
(MIRA 18:2)

1. Uchenyy sekretar' Rostovskogo oblastnogo otdeleniya Obshchestva okhrany prirody.

BAYDIN, P.I.

Stakhanovite technology and devices in wood work. Bild. stroi. tekh. 9 no. 13, 195 .

BAYDIN, S.S.; LINBERG, F.N.; SAMOYLOV, I.V.

Main features of the hydrological regime of the Volga Delta.
Trudy GOIN no.28:5-38 '55. (MLRA 9:6)
(Volga Delta)

BAYDIN, S.S.; LIMBERG, F.N.; SAMOYLOV, I.V., doktor geographicheskikh nauk, professor; SMEZHINSKAYA, I.V., redaktor; SHUMIKHIN, K.F., tekhnicheskiy redaktor.

[Hydrology of the Volga Delta] Gidrologiia del'ty Volgi. Pod red. I.V.Samoilova. Leningrad, Gidrometeorologicheskoe izd-vo, 1956. 330 p.

(MLRA 10:4)

(Volga Delta--Hydrology)

BAYDIN, S.S.

Effect of forest distribution in basins on the period of the spring break-up of ice in small rivers. Trudy TSIP no.48:104-111 '56.
(Ice on rivers, lakes, etc.) (MLRA 10:2)
(Forest influences)

SKRIPTUNOV, N.A.; BAYDIN, S.S., red.; SOROKINA, M.I., red.; ZEMTSOVA, T.Ye.; tekhn. red.

[Hydrology of waters off the Volga Delta] Gidrologiia predust'evogo vzmor'ia Volgi. Pod red. S.S.Baidina. Moskva, Gidrometeor. izd-vo, 1958. 142 p. (MIRA 11:9)
(Caspian Sea—Hydrology)

BAYDIN, S.S.

Hydrological conditions of the western substeppe flood plain of the Volga Delta. Trudy GOIN no.43:101-116 '58.
(MIRA 11:12)

(Volga Delta region--Hydrology)

3 (9) SOV/50-59-3-3/24

AUTHORS: Baydin, S. S., Zotin, M. I.

TITLE: Investigations of the Mouths of USSR Rivers Falling Into the Sea (Issledovaniya morskikh ust'yev rek SSSR)

PERIODICAL: Meteorologiya i gidrologiya, 1959, Nr 3, pp 25 - 27 (USSR)

ABSTRACT: First a short historical survey is given on investigations of river entries into the sea. In this connection V.Ye. Lyakhnitskiy, T. P. Maryutin, V. V. Valedinskiy and B. A. Apollov are mentioned. Recently, the Gosudarstvennyy okeanograficheskiy institut (GOIN) (State Oceanographic Institute) took over the organization of systematical investigations of river mouths and in 1951 published a manual for river mouth stations. (Ref 4). Somewhat later a laboratory for the investigation of river entries into the sea was established. Under the participation of the GOIN the Gidrometeosluzhba (Hydrometeorological Service) special hydrometeorological stations were established at the mouths of the Volga, Neva, Northern Dvina, Western Dvina, Amu-Dar'ya. Also at the mouths of the Dnepr, Southern Bug, Danube, Don, Kuban', Kura, Kamchatka such stations are under construction. These stations work according to a purposeful and fixed

Card 1/3

program. The solution of the tasks is important for the economy of harbors , such as Arkhangel'sk, Leningrad and Astrakhan'. The investigation of the Volga estuary is necessary also for solving the problem of the regeneration of fish reserves in the Caspian Sea. The first book on the river mouths of the world was that published in 1952 by I. V. Samoylov (Ref 5). In the course of the last years comprehensive hydrological characteristics were published for the mouths of the following rivers: Volga (Ref 1), Amu-Dar'ya (Ref 2), Kuban' (Ref 6), Don (Ref 3). The Seven Year Plan of the GUGMS (Main Administration of the Hydrometeorological Service of the USSR) provides monographs on the hydrology of the mouths of the following rivers: Western Dvina, Northern Dvina, Neva, Danube, Dnepr and Southern Bug, Terek, Kura etc. The mouth stations gradually develop to scientific subdivisions of the network of the Gidrometeosluzhba. At present, however, they are far from being able to solve their tasks. In this connection some deficiencies are mentioned. In 1959 a new manual for mouth stations will be prepared. One of the difficulties is the rapid change of the drainage system of rivers such as Amu-Dar'ya, Syr-Dar'ya, Kura and Terek. From

Investigations of the Mouths of USSR Rivers Falling Into the Sea SOV/50-59-3-3/24

1958 - 1959 the GUGMS will rationalize the entire hydrometeorological system. The hydrometeorological stations will directly participate in this work. In this work the hydrological conditions of the oceans and of the river mouths of the USSR will be investigated. There are 8 Soviet references.

Card 3/3

BAYDIN, S.S.

Possible variation of discharge rates in different parts of the Volga Delta due to hydraulic construction projects. Trudy Okean. Kom. 5:86-91 '59. (MIRA 13:6)
(Volga Delta--Hydrology)

RAYDIN, S.S.

Delta formation processes and hydrological network of the Volga Delta. Trudy GOIN no.45:5-50 '59. (MIRA 12:9)
(Volga Delta)

BAYDIN, S.S.

Methods for approximate calculation of the distribution of water discharge through the arms of a delta. Trudy GOIN no.45:63-72 '59. (MIRA 12:9)
(Deltas)

BAYDIN, S.S.

Water balance of small bodies of water in the western ilmen area of the Volga Delta bordering on the steppe region based on a study of the Presnyy [fresh-water] Ilmen and the saline Lake Tinaki). Trudy GOIN no.45:91-108 '59. (MIRA 12:9)

(Volga Delta Region--Hydrology)

BAYDIN, S.S.

Possible distribution of water discharge in arms of the eastern part of the Volga Delta in connection with the construction of hydraulic works. Trudy GOIN no.49:7-18 '60. (MIRA 13:7)
(Volga Delta--Hydrology)

BAYDIN, Sergey Stepanovich; MINENKO, V.M., red.; ZEMTSOVA, T.Ye., tekhn. red.

[Runoff and the levels of the Volga Delta]Stok i urovni del'ty Volgi. Moskva, Gidrometeoizdat, 1962. 336 p. (MIRA 16:2)
(Volga Delta--Runoff)

BELYAYEV, Igor', Petrovich; BAYDIN, S.S., kand. geogr. nauk, nauchn. red.; MINENKO, V.M., red.; ZARKH, I.M., tekhn. red.

[Hydrology of the Terek Delta] Gidrologiia del'ty Tereka. Pod red. S.S.Baidina. Moskva, Gidrometeoizdat, 1963. 207 p. (MIRA 16:12)

(Terek River--Delta)

L 4688-65

ACCESSION NR: AP5010701 UR/0286/65/000/007/0091/0092

AUTHOR: Baydin, V. S.

TITLE: Individual antinoise device. Class 30, No. 169747

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 7, 1965, 91-92

TOPIC TAGS: noise suppression, sound damping

ABSTRACT: This Author Certificate presents an individual antinoise device made in the form of two ear covers connected by a steel head band. Each ear cover contains a hemispherical casing with openings for equalizing pressure, a sound insulation layer, and a plastic protector (see Fig. 1 on the Enclosure). To provide a fit between the rim of the ear cover and the surface about the ear, the casing of each ear cover is made semielastic and capable of being deformed under the action of an elastic brace mounted free to move inside the casing. Orig. art. has: 1 figure.

ASSOCIATION: Vsesoyuznyy tsentral'nyy nauchno-issledovatel'skiy institut okhrany truda (All-Union Central Scientific Research Institute of Labor Protection)

Card 1/3

L 43888-65

ACCESSION NR: AP5010901

SUBMITTED: 070ct63 ENCL: 01 SUB CODE: IE

NO REF SOV: 000 OTHER: 000

Card 2/3

ACCESSION NR: AT4017177 S/2546/63/000/128/0155/0159

AUTHOR: Baydina, N. A.; Davy*dova, O. A.; Konyukhova, M. S.

TITLE: Experience in preparing forecasts of the surface fields of pressure, geopotential, temperature, wind, cloud cover and precipitation for 12 hours in advance

SOURCE: Moscow. Tsentral'ny*y institut prognozov. Trudy*, no. 128, 1963. Voprosy* kratkosrochny*kh prognozov pogody* (Problems of short-range weather forecasting), 155-159

TOPIC TAGS: meteorology, weather forecasting, short-range weather forecasting, atmospheric geopotential, atmospheric temperature, atmospheric pressure, cloud, precipitation, wind, troposphere

ABSTRACT: Weather forecasts in the Soviet Union are usually prepared for a small area (except for pressure) on the basis of the method described in the Manual on Short-Range Weather Forecasting; however, forecasts are needed for extensive areas. Various attempts have been made by different authors to speed up and simplify procedures to make a more extensive forecast possible, but at the expense of quality; nevertheless, as shown in this article, forecasts can be made speedily for extensive areas while adhering to the basic procedures and quality standards set forth in the Manual. A study was made over a period of 11 days in July 1959.

Card 1/2

ACCESSION NR: AT4017177

Prognostic charts of the cloud cover, precipitation and other meteorological elements were compiled for 12 hours in advance. The following prognostic charts were compiled: surface pressure, 700-, 500- and 300-mb surfaces, cloud cover (genera and vertical thickness) and precipitation. The mean geostrophic wind in the 1000-300 mb layer also was predicted. The formulas and techniques used in each of these procedures are given. A sample forecast, described briefly, showed good results. The time required for 4 weathermen to do all the work involved is 2-2-1/2 hours; the Manual is adhered to and earlier proposed simplifications have been avoided. At the same time, more complete use has been made of the observational data shown on high-level and surface charts. Orig. art. has: 1 figure, 4 formulas and 4 tables.

ASSOCIATION: TSENTRAL'NYY INSTITUT PROGNOZOV, MOSCOW (Central Institute of Forecasts)

SUBMITTED: 00 / DATE ACQ: 24Feb64 ENCL: 00

SUB CODE: AS NO REF SOV: 004 OTHER: 000

Card 2/2

BAYDOLINA, N.A., Cand Bio Sci --(diss) " Biology of forest ~~peat moss~~ (sphagnum) and its change in connection with the effect of lime and shale ash~~es~~, as a means of ~~combatting~~ controlling moss in forestry." Len, 1958 15 pp (Acad Sci USSR, Bot Inst im V.L.Komarov) 120 copies (KL, 24-58, 117)

BAYDINA, N.A.; DAVYDOVA, O.A.; KONYUKHOVA, M.S.

Practice in forecasting the fields of surface pressure, geopotential, temperature, wind, cloudiness, and precipitation for 12 hours. Trudy TSIP no.128:155-159 '63. (MIRA 17:4)

BAYDOSOV, M. A., Cand Phys-Math Sci -- (diss) "Some questions in the Topological Theory of Integral Invariants." Moscow, 1960, 7 pp, (Academy of Sciences USSR; Institute of Mathematics im V. A. Steklov) 150 copies no price given -- bibliography at the end of the text (15 entries) KL, 21-60, 117)

AUTHOR: Barbashin, Ye.A. and Baydosov,V.A. SOV/140-58-3-2/34

TITLE: On the Question of the Topological Definition of Integral Invariants (K voprosu o topologicheskom opredelenii integral'-nykh invariantov)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1958, Nr 3, pp 8-12 (USSR)

ABSTRACT: Basing on the theory of Eilenberg [Ref 1] the authors give a topological definition of the integral invariants of dynamic systems. A dynamic system (R,W) is the group W of the homeomorphic mappings of the topological space R onto itself. q-dimensional additive invariant cochains over the abelian topological group G are denoted as q-dimensional integral invariants of (R,W). An example for the application of these notions for the topological description of dynamic systems is the theorem: For the rectificability of (R,W) it is necessary and sufficient that there exists a continuous, invariant and admissible cochain f' homologous to zero. As rectificable the authors denote dynamic systems which admit isomorphic mappings for which the trajectories of the system pass over into parallel straight lines of the Hilbert space.

Card 1/2

On the Question of the Topological Definition of Integral Invariants SOV/140-58-3-2/34

There are 4 references, 2 of which are Soviet, and 2 American.

ASSOCIATION: Ural'skiy politekhnicheskiy institut imeni S.M.Kirova (Ural Polytechnic Institute imeni S.M. Kirov)

SUBMITTED: January 20, 1958

Card 2/2

16(1)
AUTHOR: Baydosov,V.A. SOV/140-59-1-2/25

TITLE: Invariant Functions of Dynamic Systems (Invariantnyye funktsii dinamicheskikh sistem)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1959, Nr 1, pp 9-15 (USSR)

ABSTRACT: A continuous commutative transformation group W of the metric and connected space R is called a dynamic system (R,W). A continuous mapping f of R into a commutative topological group G is denoted as an invariant function of (R,W) over G if for all $p \in R$ and $w \in W$ it holds $f(wp) = f(p)$. The author's considerations lean upon those of Ye.A.Barbashin [Ref 1,5]; he investigates the free Abelian topological groups over the space of the dynamic system as well as the space of the trajectories of the dynamic system. Eleven theorems and lemmas are given. There are 5 references, 4 of which are Soviet, and 1 American.

ASSOCIATION: Ural'skiy politekhnicheskiy institut imeni S.M.Kirova (Ural Polytechnical Institute imeni S.M.Kirov)

SUBMITTED: March 29, 1958

Card 1/1

85922

16.5400

S/140/60/000/003/001/011
C111/C222

AUTHOR: Baydosov, V.A.

TITLE: On Homomorphisms of Dynamic Systems

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1960, Nr.3, pp.21-29

TEXT: A dynamic system is a system of transformations (X,W), where X is a topological space, W is the topological group of its transformations and the function $w(x)$ is continuous. The homomorphism of the system (X_1,W_1) onto the system (X_2,W_2) is the pair (f,f^x), where f is the mapping of X_1 onto X_2 and f^x is a homomorphism of W_1 onto W_2, where for $x_1 \in X_1$, $w_1 \in W_1$ it follows: $f(w_1(x_1)) = w_1^x(f(x_1))$, where $w_1^x = f^x(w_1)$. If (X,W) is a dynamic system, then the definition of the homomorphism is completed by the claim for the continuity of f and f^x. A function f defined on the space X of the system (X,W) is called dynamic if from $f(x_1) = f(x_2)$ and $w \in W$ it follows $f(wx_1) = f(wx_2)$. The set $I(x_0) = \bigcup_{w \in W} \{w(x_0)\}$ is called the trajectory of the point x_0. The system (X,W) is called linear if X is Abelian and W is

Card 1/4

On Homomorphisms of Dynamic Systems

its group of automorphisms. A linear system (X,W), where X is topological and the automorphisms of W are continuous, is called an A-system. The notion of the homomorphism of dynamic systems was introduced by Ye.A. Barbashin (Ref.1,2). The author investigates some algebraic questions connected with this notion.
At first dynamic functions are investigated. If (f,f^X) is homomorphism of the system (X,W) into (G,W^X), then f is a dynamic function. The system (G^X,W), where $G^X = f(X)$, is called induced by f in G.
Theorem 2.1: If the dynamic function $f : X \to G$ of the dynamic system (X,W) is an open mapping, then it induces a dynamic system in G.
Theorem 2.3: If the group of motions W of the dynamic system (X,W) is the additive group of real numbers and $f : X \to I$ is a dynamic function over the group of real numbers, then on every trajectory $I(x_0)$, f is either constant or changes strongly monotone along the trajectory.
A function $f : H \to G$ with values in G, defined on the space of the linear system (H,W), is called linear if f is a group homomorphism. The kernel of the group homomorphism f is called the kernel of f.

Card 2/4

85922

S/140/60/000/003/001/011
C111/C222

On Homomorphisms of Dynamic Systems

Theorem 3.1: In order that a linear function f of a linear system of transformations is dynamic it is necessary and sufficient that the kernel of f is invariant.
Theorem 3.2: Let the linear dynamic function $f : H \to G$ of the linear system of transformations (H,W) be an open and continuous mapping. If then (H,W) is an A-system, then f induces an A-system in G. If (H,W) is a dynamic system, then f induces a dynamic system in G.
Let (H,W) be an A-system. Let A be a subgroup of H. The set of elements $h \in H$ for which $wh-h \in A$ holds for all $w \in W$, is called L(A).
Theorem 4.1: Let A be a closed invariant subgroup of H. Then the factor group L(A)/A is the center of the factor system (H/A,W).
Let $w_1, w_2, \ldots, w_n \in W$. The element $h' = [[\ldots[[h,w_1],w_2]\ldots]w_n]$ is called the n-th commutator of h. Let the element h have the index n if all its n-th commutators equal zero and at least on (n-1)-st commutator is different

Card 3/4

85922
S/140/60/000/003/001/011
C111/C222

On Homomorphisms of Dynamic Systems

from zero. An A-system (H,W) is called a nil-system if all $h \in H$ have a finite index. The author gives necessary and sufficient conditions that (H,W) is a nil-system.
There are 5 Soviet references.

ASSOCIATION: Ural'skiy gosudarstvennyy universitet imeni A.M.Gor'kogo (Ural State University imeni A.M.Gor'kiy)

SUBMITTED: May 21, 1959

Card 4/4

BAYDOSOV, V.A.

Topology of groups of singular integral chains. Sib. mat. zhur. 2 no.3:331-340 My-Je '61. (MIRA 14:7)
(Topology) (Chains (Mathematics))

BAYDOSOV, V.A.

One-dimensional invariant cochains of dynamic systems. Sib. mat. zhur. 2 no.5:641-649 S-O '61. (MIRA 15:3)
(Groups, Theory of) (Dynamics)

ACC NR: AR7000859 SOURCE CODE: UR/0058/66/000/009/E011/E011

AUTHOR: Baydov, V. V.; Kunin, L. L.

TITLE: Correlation between the speed of sound and the surface tension of metals

SOURCE: Ref. zh. Fizika, Abs. 9E93

REF SOURCE: Sb. Poverkhnostn. yavleniya v rasplavakh i voznikayushchikh iz nikh tverd. fazakh. Nal'chik, 1965, 89-93

TOPIC TAGS: surface tension, metal, physical property, ~~surface tension~~, ~~compressibility~~, volume expansion, acoustic speed

ABSTRACT: The presence was noted of a correlation between surface tension (sigma), isothermic compressibility ($Beta_{tau}$), and the coefficient of volume expansion (alpha): sigma alpha/$Beta_{tau}$. [Translation of abstract] [GC]

SUB CODE: 11, 20/

Card 1/1

BAYDOV, V.V.; KRASHENINNIKOV, M.G.; FILIPPOV, S.I.

Regularities in the reduction of iron from molten ores by hydrogen. Izv. vys. ucheb. zav.; chern. met. 7 no.1:13-19 '64. (MIRA 17:2)

1. Moskovskiy institut stali i splavov.

L 13064-66 EWT(l)/EWT(m)/EPF(n)-2/T/EWP(t)/EWP(k)/EWP(b)/EWA(h)/ETC(m) JD/WW/JG/GG

ACC NR: AT5028956 SOURCE CODE: UR/2776/65/000/040/0091/0104

AUTHOR: Baydov, V. V.; Kunin, L. L.

ORG: Central Scientific-Research Institute of Ferrous Metallurgy, Moscow (Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii)

TITLE: Use of ultrasonic methods to investigate metallurgical systems in the liquid state

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii. Sbornik trudov, no. 40, 1965. Teoriya metallurgicheskikh protsessov (Theory of metallurgical processes), 91-104

TOPIC TAGS: metallurgic research, liquid metal, ultrasonics

ABSTRACT: This article is a survey of foreign and Soviet works pertaining to the application of ultrasonics to investigations of metallurgical systems in the liquid state. The author examines methods of measuring the velocity of sound in liquid metals, the methods being divided into two basic groups: direct methods, which include the pulsing method, and indirect methods which require measuring the length of the sonic waves either at a given frequency or at a given segment of the signal's path. The author gives data on the velocity of sound in the 15 liquid metals for which it has so far been measured and the compressibility and heat capacity of 13 metals calculated from the results of measuring the velocity of sound. The author sums up his survey by stating that investigations of metals, alloys, and slags in the liquid state by the ultrasonic method hold promise for eliciting their structure and for finding the parameters needed when analyzing the behavior of metallurgical systems. Orig. art.

Card 1/2

L 13064-66

ACC NR: AT5028956

has: 3 tables and 41 formulas.

SUB CODE: 11, 20/ SUBM DATE: none/ ORIG REF: 008/ OTH REF: 013

Card 2/2 HW

GREBEN', L.K. [Hreben', L.K.], akademik; BAYDUGANOVA, K.P. [Baiduhanova, K.P.] nauchnyy sotrudnik

Linear and interlinear breeding of the Ukrainian white steppe swine. Nauk.pratsi "Ask.-Nov." 9:10-20 '61. (MIRA 15:3)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.Lenina, AN SSSR i Ukrainskaya akademiya sel'skokhozyaystvennykh nauk (for Greben').
(Ukraine--Swine breeding)

GREBEN', L.K., akademik; GREBEN', Ye.K., kand.sel'khoz.nauk;
BAYDUGANOVA, Ye.P., nauchnyy sotrudnik

Swine breeding in the southern Ukraine during years of the Soviet regime.
Trudy "Ask.-Nov." 8:5-29 '60. (MIRA 14:4)

1. Akademiya nauk USSR, Vsesoyuznaya akademiya sel'skokho-
zyaystvennykh nauk im. V.I. Lenina i Ukrainskaya Akademiya sel'-
skokhozyaystvennykh nauk (for Greben', L.K.).
(Ukraine--Swine breeding)

GREBEN', L.K., akademik; BAYDUGANOVA, Ye.P., nauchnyy sotrudnik; SOROKINA, V.I., nauchnyy sotrudnik

Productivity of White Ukrainian Steppe swine depending on age and the degree of relationship between boars and sows. Trudy "Ask.-Nov." 8:30-50 '60. (MIRA 14:4)

1. Akademiya nauk USSR, Vsesoyuznaya akademiya sel'-skokhozyaystvennykh nauk im. V.I. Lenina i Ukrainskaya Akademiya sel'skokhozyaystvennykh nauk (for Greben').

(Swine breeding)

GREBEN', L.K., akademik; BAYDUGANOVA, Ye.P., nauchnyy sotr.; SAVCHENKO, P.Ye., kand. biol. nauk; GREBEN', Ye.K., kand. sel'khoz. nauk; KRYLOVA, L.F., nauchn. sotr.; SIDOROVA, L.M., nauchn. sotr.; SOROKINA, V.I., nauchn. sotr.; BAGMET, M.I.; LAZORENKO, Ye.L.; KHOKHLYUK, A.G.; PASHKEVICH, M.K.; BRYZHNIK, K.A.; LUZHKOV, M.A., kand. sel'khoz. nauk; BALASHOV, N.T., kand. sel'khoz. nauk; ZHELIKHOVSKIY, V.I., redaktor; POTOTSKAYA, L.A., tekhn. red.

[Ukrainian White Steppe swine] Ukrainskaia stepnaia belaia poroda svinei. Pod obshchei red. L.K.Grebenia. Kiev, Gos-sel'khozizdat USSR, 1962. 252 p. (MIRA 16:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut zhivotnovodstva stepnykh rayonov im. M.F.Ivanova "Askaniya-Nova." 2. AN Ukr.SSR i Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina (for L.K.Greben'). 3. Ukrainskiy nauchno-issledovatel'skiy institut zhivotnovodstva stepnykh rayonov im. M.F.Ivanova "Askaniya-Nova" (for Bayduganova). 4. Melitopol'skaya gosudarstvennaya plemennaya stantsiya (for Bagmet, Lazorenko, Khokhlyuk). 5. Spetsialist sovkhoza "Komsomolets" , Stavropol'skiy kray (for Bryzhnik).
(Ukraine--Swine breeding)

GONCHARENKO, N.I., kand. tekhn. nauk; BABIY, A.S.; BAYDUK, V.F.; BAZILEVSKIY, A.R.; MISHCHENKO, N.M.; MALINOVSKIY, V.G.; NELEPA, V.I.; TOL'SKIY, A.A.; TRET'YAKOV, Ye.V., kand. tekhn. nauk; KHALIF, M.L.; PODOPRIGORA, I.D.

Smelting of steel in oxygen- and steam-blown converters with an acid lining. Met. i gornorud. prom. no.4:20-25 Jl-Ag '65. (MIRA 18:10)

Bugrakov, Georgiy Filippovich

BAYDUKOV, GEORGIY FILIPPOVICH.

Nash polet v Ameriku; zapiski letchikashturmana. Moskva, Partizdat TSK VKP(b) 1937. 34 p., illus., map.
Title tr.: Our flight to America; notes of the navigator.

TL721.C55B3

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

BAYDUKOV, GEORGII FILIPPOVICH.

BAYDUKOV, GEORGII FILIPPOVICH.
Nash Polet v Ameriku; zapsiki letchika-shturmana.
(Moskva) Partizdat
TSK VKP (b) 1937. 34 p. DLC: TL721.C55B3
NN

SO: L.C, Soviet Geography, Part I, 1951, Uncl.

Baydukov, Georgiy Filippovich

BAYDUKOV, GEORGII FILIPPOVICH.

Iz dnevnika pilota. Moskva, Molodaia gvardiia, 1937. 132 p., port.
Title tr.: From the pilot's diary.

TL540.B323A3

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

BAIDUKOV, Georgii Filippovich

Cherez polus v Ameriku. [Over the North Pole to America]. Moskva, Izd-vo detskoi lit-ry, 1938. 38 p.

DLC: Slavic Unclass.

Nash polet v Ameriku; zapiski letchika-shturmana. [Our flight to America; notes of a pilot-navigator]. Moskva, Partizdat, 1937. 34 p. illus., (incl. ports). Map on cover.

DLC: TL721.C55B3

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

RAYDUKOV, Georgii Filippovich

Over the North Pole. Translated from the Russian by Jessica Smith; with a preface by Vilhjalmur Stefansson. New York, Harcourt, Brace and company /1938/. 99 p. plates, ports.
The story of the first trans-Polar flight by one of the three soviet aviators who flew Ant-25 from Moscow to Portland, Oregon, in 1937.

DLC: *L721.B27A32

Zapiski pilota. /The notes of a pilot/. Moskva, *Khudozhestvennaia literatura, 1938. 282 p. illus. CtY MH MNC

DLC: TL721.B27A34

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

Байдуков Г.Ф.

BAYDUKOV, G. F., VALERII PAVLOVICH CHKALOV, and A. V. BELIAKOV.

Navigator's log book, airplane no. 25. Moscow, State Art Publishers, 1939. 30, (30) p., illus., ports., maps.
"Via the North Pole to America, by A. Belyakov": p. 11-30.
Trans. of Shturmanskii bortovoi zhurnal samoleta No. 25.
In portfolio with the Russian original. Moskva, 1940.

TL721.C55A3

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

BAYDUKOV, GEORGIY FILIPPOVICH.

O Chkalove. Moskva, "Khudozhestvennaia literatura," 1939. 201 p., port.
Title tr.: About Chkalov.

TL540.C56B3

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

Baydukov, G. F.

BAYDUKOV, G. F., VALERII PAVLOVICH CHKALOV, and A. V. BELIAKOV.

Shturmanskii bortovoi zhurnal samoleta No. 25. Pervyi besposadochnyi perelet Moskva-Severnyi polius-SSHA, 18-20 iunia 1937 goda. Moskva, Iskusstvo, 1940. facsim. (32 p.) 2 maps.

Title tr.: Navigator's log book, airplane no. 25. First non-stop flight Moscow-North Pole-U. S. A., June 18-20, 1937.

In portfolio with the English translation.

TL721.C55A3

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

BAYDUKOV, G.
25782

Aviatsiya Na Sluzhbe Narodnogo Khozyaystva. Vestnik Vozdush. Flota, 1948, No. 7, s. 40-44

SO: LETOPIS NO. 30, 1948

BAYDUKOV, G. PA 16/49T4

USSR/Aeronautics Jul 48
Air Lines
Aircraft

"Aviation in the Service of the People's Economy," G. Baydukov, Hero of the Soviet Union, Guardist Lt Gen of Aviation, 5 pp

"Vest Vozdush Flota" No 7 (352)

Describes development of civil aviation in USSR, mentioning towns linked by air lines. Gives types of aircraft used.

[redacted] 16/49T4

BAYDUKOV, G. F.

"The First Non-Stop Flight in the World from Moscow to America" (Pervyy v Mire Besposadochnyy Perelet iz Moskvi v Ameriku), published by the Publishing House "Knowledge". All-Union Society for Increasing Political and Scientific Knowledge, Moscow, 1952.

BAYDUKOV, G., general-leytenant aviatsii.

Our transarctic flight. Kryl.rod. 8 no.6:17-18 Je '57. (MLRA 10:8)
(Aeronautics--Flights)

BAYDYUKOV, G.

Results of the application of mathematical methods to the planning of transportation. Avt.transp. 42 no.2:33-34 F '64. (MIRA 17:3)

1. Nachal'nik Kiyevavtotransa.

BAYDYGANOV, A. P.

"Acclimatization of Ostriches in Askaniya Nova," Sub. 24 Mar 47, Moscow Fur and Pelt Inst.

Dissertation presented for degrees in science and engineering in Moscow in 1947.

SO: Sum.No.457, 18 Apr 55

BAYDYUK, B. V.

with L. A. Shreyner "Influence of Tension and Moisture on the Stability of Argillaceous Rocks of Oil Wells"

Transactions of the Petroleum Institute, Acad. Sci. USSR, v. 11, Oil Field Industry, Moscow, Izd-vo AN SSSR, 1958. 346pp.

BAYDYUK, B.V., Cand Tech Sci--(diss) " Experimental study of the stability of ~~clay~~ argillaceous rocks in the walls of ~~oil~~ petroleum wells." Mos, 1958.

17 pp (Acad Sci USSR. Inst of Petroleum), 120 copies (KL,25-58, 111)

BAYDYUK, B.V., GHRENNER, L.A.

Effect of stress and moisture on the stability of clay soils in wells. Trudy Inst.nefti 11:240-263 '58. (MIRA 11:12)
(Clay)