CHEL'CHENKO, V.T.; DOLINSKIY, Yu.M.; OKHRIMOVICH, Ye.V.

Automatic quick-break switch of direct current for 3,000 ampere and 4,000 volt. Biul.tekh.-ekon.inform. Gos.nauch.-issl.inst.nauch.i tekh.inform. no.9:47-48 '62. (MIRA 15:9)

(Electric switchgear)

ACC NR: AT6019246 SOURCE CODE: UR/0000/65/000/000/0099/0101

AUTHOR: Kim, Ye. I.; Omel'chenko, V. T.

ORG: none

TITLE: A problem of heat conductivity with moving boundaries

SOURCE: Kazakhstanskaya mezhvuzovskaya nauchnaya konferentsiya po matematike i mekhanike. 1st, Alma-Ata, 1963. Trudy, Izd-vo Nauka KazSSR, 1965, 99-101

TOPIC TAGS: heat conductivity, approximate solution

ABSTRACT: A study is made of the heating time in a cylindrical metallic bridge with moving boundaries under conditions of a constant electric current passing across it with the object of finding ways of decreasing the time of heating in order to prevent fusing. The equation considered is

$$b(t) = \frac{b_1}{(l_0 + c_0 t)^3}, \text{ a } b_1 = \frac{V_k^2}{c_1 \pi^2 \beta^2 \rho_0^2},$$

where b is a constant and V_k is the contact potential for which an approximate solution is given. If the motion of the boundary is given by $x_2(t) = Dt^n$, it is asserted that the heating time will be at a minimum when $n = 2$. Orig. art. has: 19 formulas

SUB CODE: 12/ SUBM DATE: 18Nov65

Card 1/1

KIM, Ye.I.; OMEL'CHENKO, V.T.; KHARIN, S.N.

Solution of the equation of heat conductivity with a discontinued coefficient and its application to the problem of electric contacts. Inzh.-fiz. zhur. 8 no.6:761-767 Je '65. (MIRA 18:7)

1. Politekhnicheskiy institut imeni Lenina, Khar'kov.

L 22661-66
ACC NR: AP6003586 SOURCE CODE: UR/0170/66/010/001/0068/0071

AUTHOR: Omel'chenko, V. T.

ORG: Polytechnic Institute im. V. I. Lenin, Khar'kov (Politekhnicheskiy institut)

TITLE: Determination of the temperature of electric contacts conducting continuously varying current

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 10, no. 1, 1966, 68-71

TOPIC TAGS: heat conduction, electric contact heating, electric conduction, electric current, current carrier

ABSTRACT: An engineering formula for computing the temperature of contacts switching heavy d-c currents is developed; the rate of current change is presumed to be $(1-2)\times10^6$ amp/sec. These assumptions are made: (1) Contact parts are made from the same material; (2) Actual contact occurs in one round area; and (3) No thermoelectric effect is involved. The contact heating is due to the energy liberated in the resistance of contact parts and in the resistance of the contact volume where the lines of current converge. The ellipsoid pattern of convergence is replaced (after R. Holm) by a circular pattern; this approximation simplifies the differential equation of heat conductance whose solution yields the final formula for contact temperature. Orig. art. has: 4 figures and 21 formulas.

SUB CODE: 09 / SUBM DATE: 10Apr65 / ORIG REF: 002 / OTH REF: 001

Card 1/1

UDC: 536.491

OMEL'CHENKO, Ye. A., Cand Biol Sci -- (diss) "Growth and the development of the vegetative and regenerative organs of the cotton plant in dependence on conditions of nutrition." Tashkent, 1960. 23 pp; (Academy of Sciences Uzbek SSR, Inst of Genetics and Physiology of Plants); 250 copies; price not given; (KL, 25-60, 129)

OMEL'CHENKO, Ye.F.

OMEL'CHENKO, Ye.F. (Poltava)

Demonstrating the law of conservation of matter. Khim. v shkole 13 no.1:44 Ja-F '58. (MIRA 10:12)
(Force and energy)

OMEL'CHENKO, Yu. A. and LUKIRSKIY, A. P. (USSR)

"Ultra-soft X-Ray reflections and related work"

report to be submitted for the 1st Intl. Conference on Ultraviolet Vacuum Radiation Physics.
University of Southern California
16-19 April 1962

LUKIRSKIY, A.P.; OMEL'CHENKO, Yu.A.

Use of the phenomenon of "total external reflection" in the filtration of the continuous spectrum in the region of ultrasoft X radiation. Opt. i spektr. 8 no.4:563-568 Ap '60. (MIRA 13:11)
(X-ray spectroscopy)

29532
S/078/61/006/011/010/013
B101/B147

5 4500

AUTHORS: Sapozhnikov, Yu. P., Kondrashev, Yu. D., Markovskiy, L. Ya., Omel'chenko, Yu. A.

TITLE: Study of phase composition and luminescence properties of the system ZnO - MgO, activated by chromium

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 6, no. 11, 1961, 2550-2557

TEXT: On the basis of a paper by A. L. Smith (see below) who studied the luminescence of nonactivated MgO and ZnO mixtures, the authors examined the system MgO - ZnO activated with 0.5 % of Cr (added as ammonium bichromate). The mineralizer added was 3 % LiCl. Samples were produced at 1100 and 1300°C. Powder patterns were taken by a УРС-50-И (URS-50-I) apparatus. Two limited solid solutions were found: Zn(Mg)O and Mg(Zn)O with the structure of the initial components. The unity cell volume of the solid solution Mg(Zn)O increases continuously. The incorporation of Mg ions into the hexagonal structure of ZnO causes a slight increase of parameter a and a considerable decrease of parameter c; thus, the unit cell volume is reduced. The upper limits of existence of

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Study of phase composition and...

solid solutions for Zn(Mg)O are 12 and 16 mole% of MgO, for Mg(Zn)O 26.5 and 35.5 mole% of ZnO at 1100 and 1300°C, respectively. Luminescence was caused by cathodic excitation by means of an electron beam tube (9 kv, 10 $\mu a/cm^2$) on 10 mg/cm^2 layers of luminophores. The spectrum curves were taken with a УМ-2 (UM-2) monochromator with a ФЭУ-17 (FEU-17) or ФЭУ-22 (FEU-22) photomultiplier, and a ГЗС-47 (GZS-47) mirror galvanometer. Zn(Mg)O and Mg(Zn)O were found to have two radiation ranges, a green one (maximum 530-540 mμ) and a red-infrared one (720 mμ). The red band occurs on formation of the solid Mg(Zn)O solutions, and on formation of the luminophore MgO·Cr·LiCl. Its intensity increases as the MgO content increases. The green band has its maximum at 56.6% of ZnO, and is caused by ZnO activated with Cr. The occurrence of the two bands is in agreement with the phase formation of solid solutions determined by X-ray analyses. Between 76 and 29 mole% of ZnO both solid solutions exist and both bands are visible. The stability of luminophores bombarded with an electron beam showed that the luminescence intensity after 1.5 hr decreased by 1-2 % at U_a = 4 kv, 0.2 $\mu a/cm^2$; at U_a = 9 kv, 10 $\mu a/cm^2$, the intensity decrease was 70 % after ... hr. Chromium is an

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Study of phase composition and...

activator of ZnO and of solid Zn(Mg)O solutions. A paper by G. S. Zhdanov, V. A. Pospelov (Dokl. AN SSSR, 93, 97 (1953)) is mentioned There are 4 figures, 2 tables, and 10 references: 4 Soviet and 6 non-Soviet. The two most recent references to English-language publications read as follows: A. L. Smith, J. Electrochem. Soc., 55, 155 (1952); W. A. Runciman. US Patent no. 2736712, February 28, 1956.

ASSOCIATION: Gosudarstvennyy institut prikladnoy khimii (State Institute of Applied Chemistry)

SUBMITTED: September 30, 1960

Card 3/3

KONDRASHEV, Yu.D.; OMEL'CHENKO, Yu.A.

X-ray diffraction study of some oxide and sulfide systems.
Zhur.neorg.khim. 9 no.4:937-943 Ap '64. (MIRA 17:4)

L 63049-65 EWT(m)/EPF(n)-2/T/EWP(t)/EWP(b)/EWA(c) Pu-4 IJP(c) JD/WW
ACCESSION NR: AP5017778 UR/0080/65/038/007/1500/1506 30
546.831+546.831'261+669.018.1 B

AUTHOR: Vil'k, Yu. N.; Ordan'yan, S. S.; Avarbe, R. G.; Avgustinik, A. I.; Ryzhkova, T. P.; Omel'chenko, Yu. A.

TITLE: Phase diagram in the Zr-ZrC system

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 7, 1965, 1500-1506

TOPIC TAGS: zirconium, zirconium carbide, phase diagram, alloy hardness

ABSTRACT: A phase diagram (see Fig. 1 of the Enclosure) plotted on the basis of measurements of melting points and data of x-ray structural and metallographic studies in the Zr-ZrC system (in the range of 1.25 to 46.25 at. % C) was found to be eutectic in character. The temperature of the eutectic is 1820C, and the eutectic composition contains 3.0 at. % carbon. The solubility of the latter is about 2 at. % at the temperature of the eutectic transformation. The region of homogeneity of the ZrC phase at the temperature of the eutectic and at 1250C is bounded by 35 and 39 at. % C, respectively. The lattice constant of alloys located in the two-phase region after soaking at 1400C is equal to 4.633 kX; the

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ACCESSION NR: AP5017778

extrapolated value of the lattice constant at the upper boundary of the region of homogeneity is equal to 4.688. The microhardness of alloys in the region of homogeneity of the ZrC phase and in the two-phase region is given. In accordance with a hypothesis advanced earlier, the microhardness of alloys may be extrapolated in a straight line to the value of microhardness for pure zirconium at zero carbon content. The solidus line extrapolated to the melting point of zirconium carbide reaches a point between 3375 and 3500C, which also agrees with the data on the melting point of ZrC. Orig. art. has: 5 figures.

ASSOCIATION: None

SUBMITTED: 23Sep63 ENCL: 01 SUB CODE: IC, MM

NO REF SOV: 006 OTHER: 008

Card 2/2

L 31876-66 ENT(m)/EIC(f)/EWP(e)/EWP(w)/T/EWP(t)/ETI IJP(c) AT/WH/GD/WW/JD/JG
ACC NR: AT6013559 (A) SOURCE CODE: UR/0000/65/000/000/0211/0218

47
AUTHOR: Vil'k, Yu. N.; Ordan'yan, S. S.; Avarbe, R. G.; Avgustinnik, A. I.; 46
Ryzhkova, T. P.; Omel'chenko, Yu. A. B+1

ORG: State "Order of the Red Banner of Labor" Institute of Applied Chemistry (Gosudarstvennyy ordena Trudogo Krasnogo Znameni institut prokladnoy khimii)

TITLE: Phase diagram of the Zr-ZrC system

SOURCE: AN UkrSSR. Institut problem materialovedeniya. Vysokotemperaturnyye neorganicheskiye soyedineniya (High temperature inorganic compounds). Kiev, Naukova, dumka, 1965, 211-218

TOPIC TAGS: zirconium, carbide, nonferrous metal, phase diagram, phase composition

ABSTRACT: The phase diagram of the Zr-ZrC system was drawn up on the basis of experimentally determined melting points, x-ray, and microhardness data for samples containing 1.25-46.25 atm % C. The work was conducted in order to resolve a controversy in the literature. The phase diagram was examined in the 600°-3100°C range. The samples were prepared by fusing zinc hydride with carbon in various ratios and holding for 4 hrs at 1400°C in argon atmosphere. The phase diagram of the Zr-ZrC system is shown in figure 1. The eutectic temperature of the system is 1820°C. The eutectic alloy contains 3.0 atm % C. The changes of the ZrC-phase lattice parameter as a function of

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L 31876-66
ACC NR: AT6013559

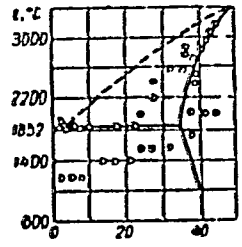

Fig. 1.

composition and temperature are graphed. Changes in microhardness of the Zr-ZrC system as a function of carbon content are also graphed. Orig. art. has: 5 figures.

SUB CODE: 11/ SUBM DATE: 03Jul65/ ORIG REF: 006/ OTH REF: 008

Card 2/2

L 29602-66 EWT(m)/ETC(f)/EWP(e)/EWP(t)/ETI IJP(c) AT/WH/JD/JG/GD

ACC NR: AT6013560 (A) SOURCE CODE: UR/0000/65/000/000/0219/0236

AUTHOR: Vil'k, Yu. N.; Avarbe, R. G.; Neshpor, V. S.; Ryzhkova, T. P.; Omel'chenko, Yu. A.

ORG: State "Order of the Red Banner of Labor" Institute of Applied Chemistry (Gosudarstvennyy ordena trudovogo krasnogo znamenii institut prikladnoy khimii)

TITLE: About interaction between niobium carbide and tungsten

SOURCE: AN UkrSSR. Institut problem materialovedeniya. Vysokotemperaturnyye neorganicheskiye soyedineniya (High temperature inorganic compounds). Kiev, Naukova dumka, 1965, 219-236

TOPIC TAGS: niobium, tungsten, carbide, carbon, nonferrous metal

ABSTRACT: The phase equilibrium of tungsten and niobium carbide, $NbC_{0.98}$ (from 5 to 95 wt % W), and $NbC_{0.85}$ (from 5 to 50 wt % W), was examined by x-rays in the 2000°-3000°C range. It was found that the system has true two-phase region ($\alpha+\delta$-solid solution based on W and W_2C, $\alpha+\gamma$-solid solution based on W and NbC, and $\gamma+\beta$-solid solution based on NbC and Nb_2C) and also a region of a three-phase equilibrium, $\alpha+\beta+\gamma$. In the tertiary W-Nb-C region the liquid phase occurs below 2600°C. In the tertiary W-Nb-C region binary eutectic $\alpha+\beta$, a tertiary eutectic $\alpha+\beta+\gamma$, and a tertiary eutectic $\alpha+\delta+\gamma$ were detected. The hypothetic profile of the Nb-W-C system is shown in figure 1. The dependence of the lattice parameter of the α-phase upon Nb content and of the NbC solid solu-

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L 29602-66
ACC NR: AT6013560

tion upon WC content are graphed. The melting ranges and the possible shape of the polythermal profile of the W-NbC system are also shown. Orig. art. has: 8 figures, 3 tables.

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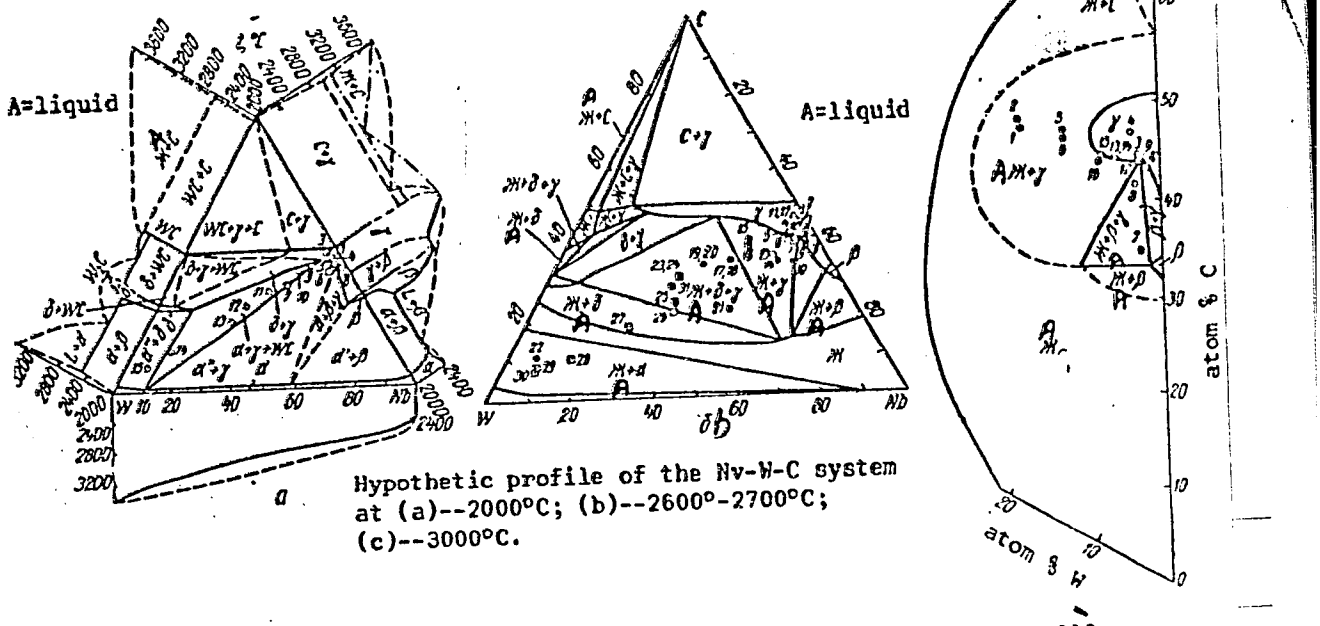
L 29602-66
ACC NR: AT6013560

Fig. 1.



Hypothetic profile of the Nv-W-C system at (a)--2000°C; (b)--2600°-2700°C; (c)--3000°C.

SUB CODE: 07/ SUBM DATE: 03Jul65/ ORIG REF: 008/ OTH REF: 010

Card 3/3

VIL'K, Yu.N.; AVARBE, R.G.; NESHPOR, V.S.; RYZHKOVA, T.P.; OMEL'CHENKO, Yu.A.

Interaction between uranium carbide and tungsten. Teplofiz. vys. temp. 2 no.2:274-279 Mr-Ap '64. (MIRA 17:6)

1. Gosudarstvennyy institut prikladnoy khimii, Leningrad.

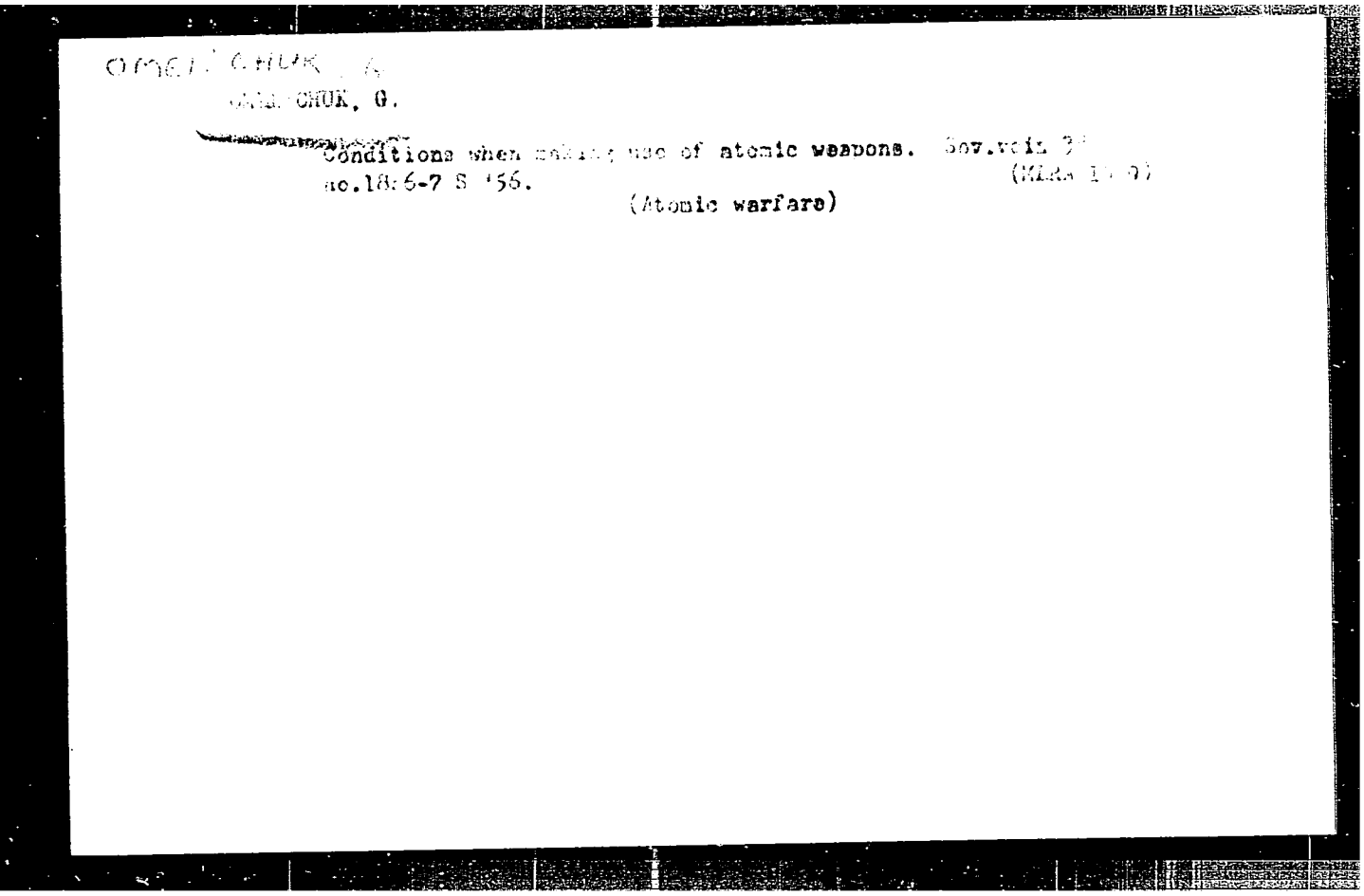
OMEL'CHENKO, Yuriy Tikhonovich; BANNIKOV, N.A., red.; LAPIDUS, M.A., red.; GUREVICH, M.M., tekhn.red.

[The collective farm in the struggle for profits; practices of the Dimitrov Agricultural Artel in Leningrad Province] Kolkhoz v bor'be za rentabel'nost'; iz opyta raboty sel'skokhoziaistvennoi arteli imeni Dimitrova Leningradskoi oblasti. Izd.2-oe, perer.i dop. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1957. 94 p. (Kolkhoznaia ekonomicheskaia bibliotechka, no.15) (MIRA 11:1)
(Collective farms)

OMEL'CHENKO, Z. V.:

Omel'chenko, Z. V.: "Investigation of the dielectric properties of certain fused polymorpho s substances in the microwave band." Min Higher Education Ukrainian SSR. Khar'kov Polytechnic Inst imeni V. I. Lenin. Khar'kov, 1956. (Dissertation of the Degree of Doctor of Chemical Science)

SO: Knizhnaya letopis', No 27, 1956. Moscow. Pages 94-109; 111.



OMEL'CHUK, A.

OMEL'CHUK, G.

Conditions when making use of atomic weapons. Sov.voin. 2[illegible] no.18:6-7 S '56. (MLRA 10:9)

(Atomic warfare)

OMEL'CHUK, G. M.

"The Effect of the Cerebral Cortex on the Bile Function of the Liver." Cand Med Sci, Khar'kov Medical Inst, Khar'kov, 1953. (RZhBiol, No 7, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

OMEL'CHUK, I.A.

Shortcomings in the method of calculating the cost of sugar. Sakh. prom. 32 no.3:37-38 Mr '58. (MIRA 11:4)

1. Novo-Vykovskiy sakharnyy zavod.
(Sugar manufacture--Costs)

OMEL'CHUK, I.A.

Put a stop to the duplication of accounts. Sakh. prom. 33 no.2:75-76 F '59. (MIRA 12:3)
(Sugar industry--Accounting)

BUDNIKOV, P.P., akademik; AZAROV, K.P.; LYUTSEDARSKIY, V.A.; MIGONADZHIYEV, A.S.; OMEL'CHUK, L.N.

Separation of gases in the interaction of phosphate enamels with aluminum. Stek. i ker. 18 no.12:23-24 D '61. (MIRA 16:8)

1. Akademiya nauk UkrSSR (for Budnikov).
(Aluminum coating) (Phosphate coating)
(Gases in metals)

BUDNIKOV, P.P.; LYUTSEDARSKIY, V.A.; OMEL'CHUK, L.N.; KOROLENKO, V.A.

Simple unit for the determination of magnetic susceptibility.
Zhur. prikl. khim. 38 no. 10:2326-2327 O '65. (MIRA 18:12)

1. Submitted March 11, 1965.

OMEL'CHUK, P. V.; DMITRISHIN, I. P.[Dmytryshyn, I. P.]

Agricultural machines should be repaired the whole year round by specialized crews. Mekh. sil'. hosp. 14 no.2:23-24 F '63. (MIRA 16:4)

1. Nachal'nik otdela ekspluatatsii i remonta mashinno-traktornogo parka Ministerstva proizvodstva i zagotovki sel'skokhozyaystvennykh produktov UkrSSR (for Omel'chuk). 2. Glavnyy inzh. Bershadskogo proizvodstvennogo upravleniya, Vinnitskoy oblasti (for Dmitrishin).

(Ukraine—Agricultural machinery—Maintenance and repair)

OMEL'CHUK, T.Ya.

New species of the genus Allium L. in the flora of the Ukraine.
Ukr. bot. zhur. 19 no.2:19-29 '62. (MIRA 15:6)

1. Institut botaniki AN USSR, otdel vysshikh rasteniy.
(Ukraine--Allium)

CHEL'CHUK, T.Ya.

Taxonomy of Ukrainian onions (Allium L.) Ukr. bot. zhur. 19 no.3:66-73 '62. (MIRA 15:7)

1. Institut botaniki AN USSR, otdel vysshikh rasteniy.
(Ukraine--Onions)

DERBENIOVA, N.A.; MATVIYENKO, S.A. [Matviienko, S.O.]; CHEL'CHUK, T.Ye.

Antimicrobial activity of preparations from some sage species. Mikrobiol. zhur. AN ... 3:76-80 '41. (MIRA 18:6)

1. Institut mikrobiologii i virusologii AN UkrSSR i Institut botaniki AN UkrSSR.

BARBARICH, A.I.[Barbarych, A.I.], kand. biol. nauk; BRADIS,Ye.M., doktor biol. nauk; VISYULINA, O.D., doktor biol. nauk; VOLODCHENKO, V.S.; DOMROCHAYEVA, D.M., kand. biol. nauk; KARNAUKH, Ye.D.; KATINA, Z.F., kand. biol. nauk; KOTOV, M.I., doktor biol. nauk; KUZNETSOVA, G.O.[Kuznetsova, H.O.], kand. biol. nauk; OLYANITSKOVA, L.G.[Olianits'ka, L.H.]; OMEL'CHUK, T.Ya., kand. biol. nauk; POYARKOVA, O.M.; PROKUDIN, Yu.M., doktor biol. nauk; PROTOPOPOVA, V.V.; SLYUSARENKO, L.N.; SMOLKO, S.S.; KHRZHANOVSKIY, V.G. [Khrzhanovs'kyi, V.H.], doktor biol. nauk; ZEROV, D.K. akademik, otv. red., ONISHCHENKO, L.I., red.

[Key for the identification of plants in the Ukraine] Vyznachnyk roslyn Ukrainy. Vyd.2., vypr. i dop. Kyiv, Urozhai, 1965. 876 p. (MIRA 18:9)

1. Akademiya nauk URSR, Kiev. Instytut botaniky. 2. AN Ukr.SSR (for Zerov). 3. Moskovskaya sel'skokhozyaystvennaya akademiya im. K.A.Timiryazeva (for Khrzhanovskiy).

L 46677-66 EWP(m)/EWT(1)

ACC NR: AP6020725 SOURCE CODE: UR/0421/66/000/003/0052/0058

AUTHOR: Omel'chuk, V. S. (Moscow)

ORG: none

TITLE: Nonisothermal axisymmetric turbulent jet bent by gravity forces

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 3, 1966, 52-58

TOPIC TAGS: jet flow, turbulent, jet, flow kinetics, gravitation effect

ABSTRACT: The author derives equations for the variation of the axial velocities and temperature differentials along a free nonisothermal air jet of round cross section, acted upon by the inertial forces in the (nonvertical) direction of the jet flow and gravitational forces in a perpendicular direction. The momentum is assumed to be constant in the horizontal direction and equal to archimedean lifting force in the vertical direction. The archimedean and gravitational forces are assumed commensurate. Approximate solutions are obtained for the differential equations describing the jet trajectory and the running value of the momentum. The calculation results are in qualitative agreement with published experimental data. Orig. art. has: 5 figures, 37 formulas, and 1 table.

SUB CODE: 20/ SUBM DATE: 25Nov65/ ORIG REF: 004

Card 1/1 hs

OMELČUK, A., MUDr.

Deficiencies in organization of the regional system. Česk. zdravot. 4 no.2:86-90 Mar 1956.

1. Okresni ústav národního zdraví v Karlových Varech.
(PUBLIC HEALTH,
in Czech., regional system (Cz))

OMELCUK, A., MUDr.

Some results of statistical examination of hospitalized patients in the eastern Bohemian region. Cesk.zdrav. 11 no.10:453-462 O '63.

1. Vedouci org. metod. odd. KUNZ v Hradci Kralove.

OMELCUK, A., MUDr.; STACH, J., inz.

Statistical methods used for hospitalized patients of the East Bohemian region in 1961-1964. Cesk. zdrav. 13 no.4:186-192 Ap'65.

1. Organizacne metodicke oddeleni Krajska hygienicko-epidemiologicka stanice v Hradci Kralove (for Omelcuk) a Ustav pro zdravotnickou statistiku v Praze.

OMELCUK, A., MUDr.; STACH, J., inzh.; HORAK, F.

Extended identification of data on regional health districts.
Cesk. zdrav. 13 no.7/8:362-370 Ag '65.

1. Katedra organizace zdravotnictvi lekarske fakulty Karlovy University, Hradec Kralove, Ustav pro zdravotnickou statistiku, Praha a Krajsky ustav narodniho zdravi, Hradec Kralove.

OMELCUK, A., MUDr.; STACH, J., inzh.; HORAK, F.

The educational profile of the district p[illegible] health officer in statistical surveys. Cesk. zdrav. 13 no.10:490-499 O '65.

1. Katedra zdravotnictvi lekarske fakulty Karlovy University v Hradci Kralove, Ustav pro zdravotnickou statistiku v Praze a Krajski ustav narodniho zdravi Vychodoceskeho kraje v Hradci Kralove.

KOLYANDR, L.Ya.; TYAPTINA, M.I.; RASHKEVICH, I.Ya.; OMELECHKIN, K.S.
ITKINA, R.A.

Composition of crude benzol and the quality of pure products.
Koks i khim. no.4:43-45 '61. (MIRA 14:3)

1. Khar'kovskiy nauchno-issledovatel'skiy uglekhimicheskiy institut (for Kolyandr, Tyaptina). 2. Dnepropetrovskiy koksokhimicheskiy zavod (for Rashkevich, Omelechkin, Itkina).
(Benzene) (Coke industry—By-products)

OMELIANOWICZ, Jan

A photoelectric method for the registration of mechanical movements.
Acta physiol. Pol. 13 no.1:203-204 '62.

1. Z Zakladu Fizjologii AM w Gdansku Kierownik: prof. dr B. Szabuniewicz.

(MOVEMENTS) (PHYSIOLOGY equip & supply)

OMELIANOWICZ, Jan

Photoelectric recorder of mechanical movements. Acta physiol. polon 13 no.4:571-572 '62.

1. Z Zakladu Fizjologii AM w Gdansku Kierownik: prof. dr B.Szabuniewicz.
(MOVEMENTS) (PHYSIOLOGY)

LAKOMY, Tadeusz; OMELIANOWICZ, Jan

On the action of X-irradiation on kinetics of human fallopian tubes in vitro. Ginek. Pol. 36 no. 12:1415-1422 D '65.

1. Z II Kliniki Poloznictwa i Chorob Kobiecych AM w Gdansku (Kierownik: prof. dr. med. W. Gromadzki) i z Oddzialu (chrony Radiologicznej Wojewodzkiej Stacji (Dyrektor: dr. W. Kermanyn).

MILIC, Stojan, dr.

Accident proneness in aviation as a psychological problem.
Vojnosanit. pregl. 22 no.10:641-646 O '65.

1. Vazduhoplovnomedicinski institut.

OMELICHKINA, L.

Orders of trade union members are carried out. Sov. profsoiuzy 17 no.5:24-25 Mr '61. (MIRA 14:2)

1. Starshiy instruktor Kirgizskogo respublikanskogo soveta profsoyuzov. (Frunze--Machinery industry) (Trade unions)

OMELCUK, A., MUDr.; STACH, J., inz.

Investigations on expenditures for drugs. Some results of research in the District Institute of National Health in Rychnov nad Kneznou in March and April 1963. Cesk. zdrav. 12 no.7/8:370-378 Ag '64.

1. Organizacne metodicke oddeleni Krajskeho ustavu narodniho zdravi Hradec Kralove a Ustav pro zdravotnickou statistiku v Praze.

CMELIN, N. K., Cand Tech Sci -- (diss) "Choice of rational type of pumps for vertical drainage and some problems of their exploitation under the conditions of Central Asia." Tashkent, 1960. 29 pp with illustrations; (Committee of Higher and Secondary Specialist Education under the Council of Ministers Uzbek SSR, Tashkent Inst of Engineers for the Irrigation and Mechanization of Agriculture -- TIIIMSKh); 200 copies; price not given; (KL, 27-60, 154)

OMELIN, N.N. (Tashkent)

Selection of pumps for artesian wells. Vod.i san.tekh. no.6: 30-31 Je '60. (MIRA 13:6)
(Artesian wells) (Pumping machinery)

BARANOV, V.A.; OMELIN, N.N.

Undercutting the runners of propeller pumps. Trudy SANIIRI no.106:35-41 '60. (MIRA 14:5)
(Rotary pumps)

OMELIN, N.N.

Level data units for vertical drainage holes. Trudy SANIIRI no.106:43-46 '60. (MIRA 14:5)

(Liquid level indicators)
(Drainage)

GOKHLER, G.M. (Tashkent); OMELIN, N.N. (Tashkent)

Use of deep well pumps. Vod. i san. tekh. no. 4:37-38 Ap '61.
(MIRA 14:4)

(Kibray (Uzbekistan)—Pumping machinery)
(Water—Supply engineering)

BARANOV, V.A.; CMELIN, N.N.

Calculating the simultaneous operation of the pumping units in drilling wells feeding the same pipeline. Vop. gidrotekh. no.15: 18-31 '63. (MIRA 18:2)

OMELIN, N.N.

Water pumping units with deep-well pumps. Izv. AN Uz. SSR. Ser. tekh. nauk 8 no.3:62-65 '64. (MIRA 17:11)

1. Institut vodnykh problem i gidrotekhniki Gosudarstvennogo komiteta po khlopkovodstvu Sredney Azii.

OMELIN, N.N., kand.tekhn.nauk (Tashkent)

Parameters for water pumping equipment in well drainage. Gidr. i mel. 16 no.2:13-18 F '64. (MIRA 17:3)

OMELIN, N.N.

Selecting sinking and artesian pumps for vertical drainage. Vop. gidr. no.22:54-66 '65. (MIRA 18:6)

OMELIN, N.Ye.

A great contribution to the Marxist-Leninist theory. Izv. AN Ur.SSR no.1:12-27 '53. (MIRA 11:3)
(Economics) (Socialism)

OMELIN, V.I.

Camera for aerial photography. Trudy NIKFI no.7:138-144 '47.
(MIRA 11:6)
1. Laboratoriya s"yemochnoy tekhniki Nauchno-issledovatel'skogo kino-foto-instituta, Moskva.
(Camera) (Photography, Aerial--Apparatus and supplies)

L 33260-66

ACC NR: AT6012788 SOURCE CODE: UR/3175/66/000/027/0112/0114

AUTHOR: Gerling, V.E.; Omelin, V.M.

ORG: OKB GGK SSSR

TITLE: Electronic time relay with a short exposure

SOURCE: USSR. Gosudarstvennyy geologicheskiy komitet. Osoboye konstruktorskoye byuro. Geofizicheskaya apparatura, no. 27, 1966, 112-114

TOPIC TAGS: time relay, ~~electronic time relay~~, timing device, ~~digital timing device~~, ~~transformer steel~~, ~~E-310 transformer steel~~ PULSE GENERATOR

ABSTRACT: The authors describe an electronic time relay with a short exposure interval, based upon an electronic digital count of a standard pulse clock. The development was motivated by inadequate precision of conventional analog timers based upon an RC network. In the presented device, a counter controls an electronic switch. The precision of the relay, with a reliable counter, depends only upon the clock (pulse generator) stability. The block diagram of the instrument is shown and its constructional and functional features described. The 64 per sec pulse generator is based upon an LC circuit using a mark FT capacitor and an inductance with a core of E-310 transformer steel. Frequency error is under .3% at the temperature range of -5 to -40°C. The design range of exposure is .5 - 10 seconds. Orig. art has 1 figure.

SUB CODE: 09 / SUBM DATE: 00/ ORIG REF: 001

Card 1/1

L 36551-66

ACC NR: AP6015757 SOURCE CODE: UR/0048/66/030/005/0754/0757

AUTHOR: Vertsner,V.N.; Gerling,V.E.; Zenov,B.K.; Krupchatkin,V.D.; Ogolin,V.M.; Solov'yev,A.M.; Toporkov,S.A.; Ustimenko,V.V.

ORG: none

TITLE: An x-ray microanalyzer featuring recording without a crystal /Report, Fifth All-Union Conference on Electron Microscopy held in Sumy 6-8 July 1965/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 5, 1966, 754-757

TOPIC TAGS: x ray analysis, proportional counter, special purpose computer

ABSTRACT: An x-ray microanalyzer is described in which the x rays are recorded directly with a proportional counter without the use of a crystal diffraction x-ray spectrometer. This type of recording has the advantages of simplicity and high sensitivity, and the disadvantage of low resolving power. The electron-optical system of the instrument provides a 3-5 μ diameter probe with a current of about 1 μA. Adjustment is facilitated by an optical microscope with a resolution of 3μ and a working distance of 19 mm, which can be focused by means of a lever without breaking the vacuum. Type CIM-1 sealed off proportional counters as well as flow-type counters have been employed with this instrument. These counters with their associated circuits cannot resolve the K lines of neighboring elements. When the concentrations of neighboring elements

Card 1/2

L 36551-66
ACC NR: AP6015757

is to be determined, the counting rate versus pulse height curve is resolved mathematically into three curves, each representing the contribution of one of three neighboring elements. This resolution is effected automatically by a computing circuit, the operating principle of which is described and is based on a modification of the technique proposed by R.M.Dolby (Proc. Phys. Soc., 73 81 (1959)). The error in determining concentrations of neighboring elements is about 20 %; this large error is due to the long time required for the determination (at least 40 minutes) together with the instability of the proportional counter, the amplifier, and the differential discriminators. When the elements to be determined differ in atomic number by more than 4 or 5 units the different K lines are directly resolved and the error of the determination is not more than 5 %. Under these conditions the computing circuit can be used as a three-channel pulse analyzer for the simultaneous recording of the K line intensities of three different elements. Orig. art. has: 3 formulas and 5 figures.

SUB CODE: 20/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 005

Card 2/2 /////

OMELKA, Frantisek; CIHULA, Jiri

Constrictive pericarditis in a 7-year-old boy (pre-ascitic phase). Cesk.pediat.16 no.2:145-150 F '61.

1. Detska klinika KU v Hradci Kralove, prednosta prof. MUDr. Jiri Blecha.
(PERICARDITIS in inf & child)

OMELKA, V.;RIHA, F.

Maintenance of measuring and control instruments. p. 405.

ENERGETIKA, Praha, Czechoslovakia, Vol. 9, no. 8, Aug. 1959

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 10
Oct. 1959
Uncl.

OMELKA, Zdenek, MUDr.(KUNZ Gottwaldov.)

Problem of the etiopathogenesis of uterine inversion. Cesk. gyn. 23[37] no.3:202-204 Apr 58.

1. Gyn. por. odd. KUNZ Gottwaldov, prednosta prim. MUDr. Vlad. Kral.
(UTERUS, dis.
inversion, tocogenic & oncogenic (Cz))

OMELKA, Zdenek (KUNZ, Gottwaldov.)

Threatened collision of twins. Cas. lek. cesk. 97[37] no.6:327-328 June 58.

1. Por. gyn. odd. KUNZ v Gottwaldove, prednosta prim. MUDr. Vlad. Kral.

(CESAREAN SECTION,
in threatened collision of twins (Cz))
(PREGNANCY, MULTIPLE,
cesarean section in threatened collision of twins (Cz))

OMEL'KO, M.A.

New materials on the ornithofauna of the southern Maritime Territory.
Soob. DVFAN SSSR no.12:119-121 '63.

1. Primorskiy kraevoy muzey imeni Arsen'yeva.

OMEL'SHIN, I., master.

From gypsum slag concrete. Stroitel' no.10:29 O '57. (MIRA 10:11)
(Concrete houses)

OMEL'YAN, A.I., inzh.

Use drained lands productively. Zemledelie 27 no.1:91-93 Ja '65. (MIRA 18:3)

OMEL'YAN, F.Ye., inzh.

New long-base graders. Gidr. i mel. 15 no.5:41-48 My '63.
(MIRA 16:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki i melioratsii im. Kostyakova.
(Graders(Earthmoving machinery))

OMEL'YAN, P.M.

Sensitivity of microflora to various antibiotics in inflammatory processes in the maxillofacial region. Stomatologiia 39 no.1:44-46 Ja-F '60. (MIRA 14:11)

1. Iz kafedry chelyustno-litsevoy khirurgii i stomatologii (nachal'nik - prof. M.V. Mukhin) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.
(JAWS--DISEASES) (BACTERIA, EFFECT OF DRUGS ON)
(ANTIBIOTICS)

OMEL'YANCHUK, A.T., podpolkovnik

Zeroing in guns with the aid of a stopwatch. Artill.zhur. no.8:38-41 Ag '53. (MIRA 13:3)
(Range finding)

ACC NR: AP7003273 (A) SOURCE CODE: UR/0018/67/000/001/0109/0112

AUTHOR: Omel'yanchuk, A. (Colonel)

ORG: None

TITLE: Direct pointing sniper fire

SOURCE: Voyennyy vestnik, no. 1, 1967, 109-112

TOPIC TAGS: artillery weapon, artillery ammunition, ordnance training, military tactic, military training, gun sight, gunnery training, gunner training, military tank, ballistics, ballistic trajectory

ABSTRACT: The factors to be considered in the choice of initial elevations and aiming points used in laying direct artillery fire on moving targets such as tanks, in order to achieve the greatest probability of a hit with the first round (i.e., sniper-type fire), are discussed. The problems of range (elevation) and direction (azimuth) settings are treated individually. The effects of target speed, lag in time of actual fire from time of target designation and transmission of the firing order, time of flight of the projectile, and the ballistic trajectories of various gun-projectile combinations on the choice of initial firing elevation, are noted.

Card 1/2

ACC NR: AP7003273

A method for calculating the initial elevation which will give the highest probability of a hit is described. Sniper-type fire can be achieved if careful technical preparation of weapons is combined with accurate estimates of the variables. Orig. art. has: 2 figures and 1 table.

SUB CODE: 19,15/SUBM DATE: None

Card 2/2

OMEL'YANENKO, A., inzh.

Self-starters for the starting of engines. Avt.transp. 39 no.12: 56 D '61. (MIRA 15:1)
(Automobiles--Starting devices)

OMEL'YANENKO, B.

Models and dummies for trade schools. Prof.-tekh.obr. 11 no.8: 32-33 N '54. (MLRA 8:1)
(Mechanical models)

OMEL'IANENKO, B.

AUTHOR: Omel'yanenko, B. 27-6-14/29

TITLE: New Training Aids (Novyye naglyadnyye posobiya)

PERIODICAL: Professional'no-Tekhnicheskoye Obrazovaniye, 1957, Nr. 6(145) p 20 (USSR)

ABSTRACT: Last year, the All-Union Trust of Productive Enterprises of the Labor Reserves Main Administration issued more than 70 different types of training aids, costing 3.3 million rubles. They pertained to metallurgy, heat engineering, metal cutting machine tools, machine parts, agricultural machines etc. A new technological process for painting models was introduced; and a number of parts were made of plastic which reduced the cost by 20 %.

ASSOCIATION: All-Union Trust of Productive Enterprises of the Labor Reserves Main Administration (Vsesoyuznyy trest proizvodstvennykh predpriyatiy Glavnogo upravleniya trudovykh reservov)

AVAILABLE: Library of Congress

Card 1/1

AUTHOR: Omel'yanenko, P. 27-58-5-17/19

TITLE: New Visual Training Aids (Novyye uchebno-naglyadnyye posobiya)

PERIODICAL: Professional'no-Tekhnicheskoye Obrazovaniye, 1958, p 31 (USSR)

ABSTRACT: In 1957 the Pavlovo-Posadskiy zavod uchebno-naglyadnykh posobiy (Pavlovskiy-Posad Factory of Visual-Aids) issued nearly 90 visual training aids for numerous branches of sciences and specialties, and a series of dynamic posters on tractor motors and their starters. But this work is not keeping pace with demands. There will be an open competition for the best models of training aids this year.

AVAILABLE: Library of Congress

Card 1/1 1. Science-Visual aids 2. Science-Study and teaching

OMEL'YANENKO, B.

AUTHOR: Omel'yanenko, B. and Rechinskiy, O. 27-4-20/25

TITLE: Competition for the Best Visual Teaching Aids (Konkurs na luchshiye uchebno-naglyadnyye posobiya)

PERIODICAL: Professional'no-Tekhnicheskoye Obrazovaniye, 1958, # 4, p 27 (USSR)

ABSTRACT: Much work has been done lately on improvement of teaching methods but there is still a great lack of training aids. Though certain factories are working on them, and hope to increase their production to 100 different types, there are not enough, and the material made in the schools themselves is held up by departmentalism (it rarely leaves the school) and many higher or intermediate schools get practically nothing.

To improve this state, an All-Union competition has been arranged, to end on 1 January 1959. The Pavlovo-Posadskiy factory will mass produce the prize winning items.

AVAILABLE: Library of Congress

Card 1/1

OMEL'YANENKO, B.

Let's have more visual aids. Prof.-tekh.obr. 18 no.6:30 Je '61.
(MIRA 14:7)

1. Upravlyayushchiy Vsesoyuznym trestom po proizvodstvu uchebno-naglyadnykh posobiy.
(Vocational education--Audio-visual aids)

OMEL'YANENKO, B.

English meetings. Prof.-tekh. obr. 18 no.10:31-32 O '61.
(MIRA 14:11)

(London—Exhibitions)
(Vocational education)

OMEL'YANENKO, B.

In the vocational schools of Ethiopia. Prof.-tekh.obr. 20 no.2:31 F '63. (MIRA 16:2)
(Ethiopia--Vocational education)

OMEL'YANENKO, B.

Let's increase the publication of textbooks and visual aids.
Prof.-tekh. obr. 20 no.8:32 Ag '63. (MIRA 16:9)
(Farm mechanization--Study and teaching)

OMEL'YANENKO, B.

Expanding the production of visual aids. Prof.-tekh. obr. 21 no. 4: 25-26 Ap '64. (MIRA 17:5)

OMEL'YANENKO, B.; GRANOVSKIY, M.

Study rooms and visual aids for the schools for chemical workers.
Prof.-tekh. obr. 21 no.9:17 S '64.
(MIRA 17:1)

OMEL'YANENKO, B.

Make way for filmstrips. Prof.-tekh.obr. 22 no.11:26 N '65.
(MIRA 18:12)

1. Upravlyayushchiy Vsesoyuznym trestom po proizvodstvu uchenbnonaglyadnykh posobiy.

CHEL'YANENKO, B.

For the equipment of study rooms. Prof.-tekh. obr. 22 no. 12: 9-10 D '65 (MIRA 19:1)

1. Upravlyayushchiy Vsesoyuznym trestom po proizvodstvu uchebno-naglyadnykh posobiy Gosudarstvennogo komiteta po professional'no-tekhnicheskomu obrazovaniyu.

OMEL'YANENKO, B.I.

Phenomena of sodium metasomatism in contact areas of alkali massifs in the upper part of the Khodzhaachkan Valley. Trudy IGEM no.21: 198-208 '58. (MIRA 12:1)

(Khodshaachkan Valley--Geochemistry)

OMEL'YANENKO, B.I.

Possible processes in the formation of alkaline magmas in geosynclinal areas as exemplified by the Turkestan-Alay mountain system. Izv.AN SSSR.Ser.geol. 24 no.12:54-59 D '59. (MIRA 13:8)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva.
(Tien Shan--Magma)

SMORCHKOV, I.Ye., OMEL'YANENKO, B.I.

Contact effect of alaskite granites of the Kurama Range (Central Asia) on the surrounding granodiorites and effusive rocks. Trudy IGEM no.27 '60. (MIRA 13:7)
(Kurama Range--Rocks, Igneous) (Metasomatism)

OMEL'YANENKO, B.I.

Role of assimilation and contamination processes in the formation of the Khodzhaachakan alkaline massif (Central Asia) Trudy IGEM no.27:39-55 '60. (MIRA 13:7)
(Khodzhaachkan Valley--Rocks, Igneous)

SOKOLOV, G.A., doktor geol.-min. nauk, otv. red. Prinimali uchastiye: VLASOVA, D.K.; GLAGOLEV, A.A.; ZHARIKOV, V.A.; LOGINOV, V.P.; LUKIN, L.I.; MYAKELYA, R.O.; OMEL'YANENKO, B.I.; OSTROVSKIY, I.A.; PERTSEV, N.N.; PODDUBSSKIY, K.V.; RUSINOV, L.V.; SOFIANO, T.A.; TIMOFEYEVA, L.K.; SHABYNIN, L.I.; SHADLUN, T.N.; LAPIN, V.V., red. izd-va; MAKUNI, Ye.V., tekhn. red.

[Physicochemical problems in connection with the formation of rocks and ores] Fiziko-khimicheskie problemy formirovaniia gornykh porod i rud. Moskva, Vol.1. 1961. 658 p. (MIRA 14:10)

1. Akademiya nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. 2. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva (for Vlasova, Glagolev, Zharikov, Omel'yanenko, Ostrovskiy, Pertsov, Shabynin). 3. Moskovskiy geologo-razvedochnyy institut im.S.Ordzhonikidze (for Shabynin, Pertsev.)

(Petrology)

LYASHKEVICH, Z.M.; OMEL'YANENKO, B.I.

Kul'p alkaline massif and some problems of the origin of alkaline rocks in the Turkestan-Alay area. Geol.sbor. [Lvov] no.7/8:315-325 '61. (MIRA 14:12)

1. Gosudarstvennyy universitet imeni Ivana Franko, L'vov i Institut geokhimii i mineralogii AN SSSR.
(Tien Shan—Rocks, Igneous)

PERCHUK, L.L.; OMEL'YANENKO, B.I.; SHINKAREV, N.F.

Phases, facies, and genesis of alkaline intrusives in the Khodzhaachkan Basin (Alay Range). Izv. AN SSSR Ser.geol. 26 no.12:13-23 D '61. (MIRA 14:12)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva.
(Tien Shan--Rocks, Igneous)

LISITSINA, G.A.; OMEL'YANENKO, B.I.; RAUDONIS, P.A.

Low-temperature quartz-albite alterations of rocks near uranium ore bodies. Geol.rud.mestorozh. 5 no.1:7-16 Ja-F '63. (MIRA 16:3)

(Quartz) (Albite) (Uranium ores) (Metasomatism (Geology))

KONSTANTINOV, R.M.; ZHARIKOV, V.A.; OMEL'YANENKO, B.I.;
PETROVSKAYA, N.V.; SHATALOV, Ye.T.;

[Study of the characteristics of the distribution of mineralization in metallogenetic research on ore regions; basic principles of metallogenetic research and the compilation of metallogenetic and prognostic maps of ore deposits] Izuchenie zakonomernostei razmeshcheniia mineralizatsii pri metallogenicheskikh issledovaniiakh rudnykh raionov; osnovnye printsipy metallogonicheskikh issledovanii i sostavleniia metallogenicheskikh i prognoznykh kart rudnykh raionov. Moskva, Nedra, 1965. 302 p.
(MIRA 18:7)

GORSHKOV, A.A.; OMEL'YANENKO, B.I.; SONYUSHKIN, Ye.P.

Studying the conditions of vein-disseminated uranium ores of hydrothermal origin. Geol. rud. mestorozh. 6 no.1:33-50 Ja-F '64. (MIRA 17:11)

OMEL'YANENKO, F.P.

Creative and highly productive work is a basis for success. Elek. i tepl. tiaga 6 no.11:13 N '62. (MIRA 16:1)

1. Master remontno-mekhanicheskogo tsekha depo Kavkazskaya.
(Railroads—Employees)

OMEL'YANENKO, L.I.

Dependence of mitotic activity of the epithelium of crypts of the small intestine on the state of the nervous system. Biul.eksp. biol. i med. 51 no.1:86-90 Ja '61. (MIRA 14:5)

1. Iz kafedry gistologii (zav. - prof. V.L.Ravvin) Gosudarstvennogo meditsinskogo instituta (dir. - dotsent A.M.Ganichkin), Stalino. Predstavlena deystvitel'nym chlenom AMN SSSR N.A.Krayevskim.
(CELL DIVISION (BIOLOGY)) (NERVES, PERIPHERAL)
(INTESTINES)

[redacted], L. ...

Dissertation: "Eternal Tapping in Chronic Intoxication With Lead and Benzene." Cand Med Sci, Central Inst for the Advanced Training of Physicians, 18 May 54. Vechernyaya Moskva, Moscow, 7 May 54.

SO: SUM 284, 26 Nov 1954

OMEL'YANENKO, Lyudmila Markovna, kand. med. nauk; SEMKEVICH, Nina Aleksandrovna, kand. med. nauk; CHERNIKOV, L.P., red.; BUL'DYAYEV, N.A., tekhn. red.

[What the worker with gasoline, benzene, acetone, and other organic solvents must know] Chto nuzhno znat' rabotaiushchemu s benzinom, benzolom, atsetonom i drugimi organicheskimi rastvoriteliami. Moskva, Gos. izd-vo med. lit-ry, 1957. 31 p. (MIRA 11:8)
(Solvents)

OMEL'YANENKO, Lyudmila Markovna; SENKEVICH, Nina Aleksandrovna; GOTOVTSEV, P.I., red.; LYUDKOVSKAYA, N.I., tekhn.red.

[Clinical treatment and prophylaxis in benzene poisoning] Klinika i profilaktika otravlenii benzolom. Moskva, Gos. izd-vo med. lit-ry, 1957. 36 p. (MIRA 11:4)
(BENZENE--TOXICOLOGY)