SLIVKOV, K., inzh.; POPOV, Sl., inzh.; SEDLOEV, Iv., inzh.

Structure and kinetics of the growth of the intermediate intermetallic $FeSn_2$ layer formed during the hot tinplating of steel. Mashinostroene 12 no. 11:23-28 N '63.

TOMOV, Vl., prof.; SEDLOEV, Sv.; NIKOLOV, N.

On clinical significance of diaphragmatic relaxation and its surgical treatment. Khirurgiia, Sofia 13 no.11:957-965 '60.

1. Vissh meditsinski institut, Sofia. Katedra po fakultetska khirurgiia Zav. katedrata: prof. G.Popov.
(DIAPHRAGM abnorm)

PESHEV, I., dotsent; SEDLOEV, Sv.

Diagnostic value of tomopneumomediastinography. Khirurgiia 15 no.9/10:918-920 '62.

1. Iz Katedrite po rentgenologiia i fakultetska khirurgiia pri VMI [Vissh meditsinski institut] - Sofiia.
(PNEUMOMEDIASTINUM DIAGNOSTIC)
TOMOGRAPHY)

LAMBREV, St., dotsent; SEDLOEV, Sv.; ASTRUG, A.

Renal biopsy. Khirurgiia 15 no.9/10:957-959 '62.

1. Iz katedrite po fakultetska khirurgiia i po biologichna terapiia pri VMI [Vissh meditsinski institut] - Sofiia.
(KIDNEYS) (BIOPSY)

SEDLOEV, Sv.; MILEV, M.

Tuberculosis of the thyrpod gland. Khirurgiia (Sofiia) 16 no.8:743-746 '63.

1. Vissh meditsinski institut - Sofiia, katedra po khirurgichni bolesti i urologiia. Rukovoditel na katedrata: prof. G. Popov.
(TUBERCULOSIS, ENDOCRINE) (THYROID DISEASES)

SEDLOEV, S.; GEORGIEV, I.; MILEV, M.

On the effect of nivalin upon intestinal peristalsis. Nauch. tr. Vissh med. inst.Sofiia 43 no.1:69-74 '64.

1. Chair of Faculty Surgery (Director Prof. G. Popov).

BULGARIA

PESHEV, Iv., Department of Roentgenology and Radiology, Higher Medical Institute in Sofia (head: Prof A. NIKOLAEV); and SEDLOEV, Sv., Department of General Surgery (head: Prof G. POPOV)

"Pneumothyreography and Tomopneumography for Demonstrating Morphological Changes in the Thyroid."

Sofia, Rentgenologiya i Radiologiya, Vol 5, No 2, 1966, pp 121-126

Abstract [authors' Russian and English summaries, modified]: The significance is discussed of pneumothyrography and tomopneumothyeography in evaluating morphological changes of the thyroid. The method is especially useful in combination with tomography. The dimensions and aspect of the struma, its size, configuration, the number of nodules, its relation to adjacent tissues and organs can be demonstrated much more surely than with ordinary clinical methods. This is particularly important from the viewpoint of indications for surgery, the approach, and the extent of surgical intervention. Changes are distinguished also in adjacent organs (larynx, trachea, esophagus and soft tissues). With pneumothyrography, especially in combination with tomography, tumorous changes in some of the parathyroid glands could be demonstrated, which would

1/2

SEDLOV, A. K.

5183. Vedushchaya rol' gosudarstvennoy sotsialisticheskoy sobstvennosti v razvitii kooperativno-kolkhoznoy sobstvennosti SSSR. M., 1954. 15s. 22sm. (Mosk. ordena Lenina gos. un-t im. M. V. Lomonosova. In-t povysheniya kvalifikatsii prepodavateley marksizma Leninizma). 100 EKZ. B. Ts.--(54-57519)

SO: Knizhnaya Letopis', Vol. 1, 1955

SEDLOV, ... F. ...

New specialists in collective farm building. Sel'.stroi.
11 no.10:20-21 O '56. (MLRA 9:12)

1. Glavnyy inzhener Vologodskogo upravleniya po stroitel'stvu
v kolkhozakh.
(Building)

SEDLOV, Ye.N., vrach

Formic acid in alcohol. Zdorov'e 5 no.5:31 My '59. (MIRA 12:11)

(ALCOHOL)

PROKHOROV, G.N., gornyy inzh.; SEDLOV, M.G., gornyy inzh.;
SHCHETININ, N.I., gornyy inzh.

Study of the operation and practice of exploiting hinged folding scrapers. Gor. zhur. no.7:44-46 Jl '63.
(MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy gorno-metallurgicheskiy institut tsvetnykh metallov (for Prokhorov).
2. Zyryanovskiy svintsovyy kombinat (Sedlov, Shchetinin).

POZDNYAKOV, B.V., kand.tekhn.nauk; NELYUBOV, Yu.V., gornyy inzh.; SERDYUKOV, A.K., gornyy inzh.; ZHUYKO, Yu.P.; SEDLOV, M.G.

Effect of short-delay blasting on the extent of the seismic effect of large-scale blasting. Gor. zhur. no.8:25-28 Ag '63. (MIRA 16:9)

1 Vsesoyuznyy nauchno-issledovatel'skiy gorno-metallurgicheskiy institut tsvetnykh metallov (for Pozdnyakov, Nelyubov, Serdyukov).2. Zyryanovskiy svintsovyy kombinat (for Zhuyko, Sedlov.).
(Blasting)

SEDLOV, M.G.; IOFIN, S.L.

Creative cooperation of science and industry at the Zyryanovsk lead combine. Gor.zhur. no.3:5-8 Mr '65. (MIRA 18:5)

1. Glavnyy inzh. Zyryanovskogo svintsovogo kombinata (for Sedlov).
2. Zamestitel' direktora Vsesoyuznogo nauchno-issledovatel'skogo instituta tsvetnoy metallurgii po nauchnoy rabote (for Iofin).

SEDLOVETS, M.P.

SEDLOVETS, M.P.; SHKHVATSABAYA, T.V. (Moskva)

Clinical aspects and diagnosis of tuberculous bronchadenitis in adolescents and adults. Fel'd. i akush. 22 no.8:8-11 Ag '57. (MIRA 10:12)
(LYMPHATICS--TUBERCULOSIS)
(BRONCHI--DISEASES)

SEDLOVETS, M.P. (Moskva)

Significance of ether-soluble bilirubin. Klin.med. 36 no.2:84-88 F '58. (MIRA 11:4)

1. Iz kafedry infektsionnykh bolezney (zav. - prof. K.V.Bunin) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

(BILIRUBIN, in blood
ether-soluble, differ. diag. value (Rus))

BULKINA, I.G.; BUNIN, K.V., prof.; KUZNETSOV, V.S.; MIKHAYLOVA, Yu.M.; NOVAKOVSKAYA, A.A.; POKROVSKIY, V.I.; POLUMORDVINOVA, Ye.D.; SEDLOVETS, M.P.; STARSHINOVA, V.S.; TSEYDLER, S.A.; SHKHVATSABAYA, T.V.; YAKHONTOVA, N.K.; SHERESHEVSKAYA, Ye.F., red.; ZUYEVA, N.K., tekhn. red.

[Pocket manual for the specialist in infectious diseases; clinical aspects, diagnosis, and treatment] Karmannyi spravochnik infektsionista; klinika, diagnostika, lechenie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 233 p. (MIRA 14:7)
(COMMUNICABLE DISEASES) (MEDICINE--HANDBOOKS, MANUALS, ETC.)

SEDLOVETS, M.P., kand.med.nauk; ZAKHAROVA, M.S., uchastkovyy vrach

Clinical aspects and treatment of typhoid fever from the data of a rural district hospital. Sov.med. 26 no.6:86-92 Je '62. (MIRA 15:11)

1. Iz kafedry infektsionnykh bolezney (zav. - prof. K.V.Bunin) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova i uchastkovoy bol'nitsy (glavnyy vrach A.I.Zakharov) sela Ot'yassy Sosnovskogo rayona Tambovskoy oblasti.
(TYPHOID FEVER)

POLUMORDVINOVA, Ye. D.; SEDLOVETS, M. P.; GUSEVA, T. M.

Ether-soluble bilirubin in Botkin's disease. Terap. arkh. 34 no.4:82-87 '62. (MIRA 15:6)

1. Iz kafedry infektsionnykh bolezney (zav. - prof. K. V. Bunin) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I. M. Sechenova na baze 1-y infektsionnoy gorodskoy klinicheskoy bol'nitsy.

(HEPATITIS, INFECTIOUS) (BILIRUBIN)

POLUMORDVINOVA, Ye.D., dotsent; SEDLOVETS, M.P., assistent; GUSEVA, T.M. vrach-laborant.

Clinical evaluation of the determination of ether-soluble bilirubin for differential diagnosis in jaundices of various etiology. Kaz.med. zhur. no.3:85-86 My-Je '63. (MIRA 16:9)
(BILIRUBIN) (DIAGNOSIS, DIFFERENTIAL)
(JAUNDICE)

SEDLOVICH, L.S.; MESHCHERSKIY, R.M.

D.c. and a.c. preamplifier for electrophysiological studies.
Trudy Inst.vys.nerv.deiat. Ser.fiziol. 7:300-305 '62.
(MIRA 16:2)

(ELECTROPHYSIOLOGY) (AMPLIFIERS (ELECTRONICS))

MESHCHERSKIY, R.M.; SEDLOVICH, L.S.

Complex installation for neurophysiological studies. Trudy Inst. vys.nerv.deiat. Ser.fiziol. 7:306-316 '62. (MIRA 16:2)
(CATHODE RAY OSCILLOGRAPH) (ELECTROPHYSIOLOGY)

KUL'MANOVA, V.: SEDLOVICH, S.

Tasks of State Bank branches in analyzing annual reports for 1956. (MLRA 10:3)
Den. i kred. 15 no.1:6-14 Ja '57.
(Financial statements)

[redacted], M. D.

"Enlargement of the Blind Spot due to Excessive Fluid as a New Method for Early Diagnosis of Glaucoma," Vest. Oftalmol., No. 1, 1949. In Russ.

CHUTKO, M.B., prof.; SEDLOVSKAYA, Ye.B.

Effect on the eye of oxicaine, a new anesthetic preparation. Oft. zhur. 13 no.6:372-377 '58. (MIRA 12:1)

1. Iz kafedry oftal'mologii (nach. - B.B. Polyak) Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.
(THERAPEUTIC, OPHTHALMOLOGICAL)
(BENZOIC ACID)

BELKIN, S.I.; KUFTIN, P.P.; SEDLOVSKIY, N.F.

Readers' response to A.A.Molchanov's and D.M.IUkhtanov's article "Efficient use of copper and copper-zinc pyrite ores." TSvet. met. 33 no.10:87 O '60. (MIRA 13:10)

(Copper ores) (Ore dressing)
(Molchanov, A.A.) (IUkhtanov, D.M.)

POPOV, G.; STOYKOV, M.; IVANOV, A.; GOSPODINOV, B.; SEDLOYEV, S.; STOYANOV, Ye.; VOLCHANOVA, S.; KOLEV, L.

Extracardial anastomoses in congenital and acquired heart defects in experiment. Khirurgiia 36 no.3:38-41 Mr '60. (MIRA 13:12)

(HEART—SURGERY)

SEDLOYEV, S.; PESHEV, I.; MILEV, M.

Mediastinal echinococcosis. Vest. khir. no. 6:12-14 '65.
(MIRA 18:12)

1. Iz kafedry khirurgicheskikh bolezney s urologiyey (zav. - prof. G. Popov) i kafedry rentgenologii i radiologii (zav. - prof. A. Nikolayev) Vysshego meditsinskogo instituta, Sofiya.

RABINOVICH, G., inzh. (Leningrad); SEDLUKHA, G., inzh., nauchnyy sotrudnik (Leningrad); FRIDMAN, O., inzh., nauchnyy sotrudnik (Leningrad)

Cranes for major repairs. Zhil.-kom. khoz. 12 no.2:13-14 F '62. (MIRA 15:7)

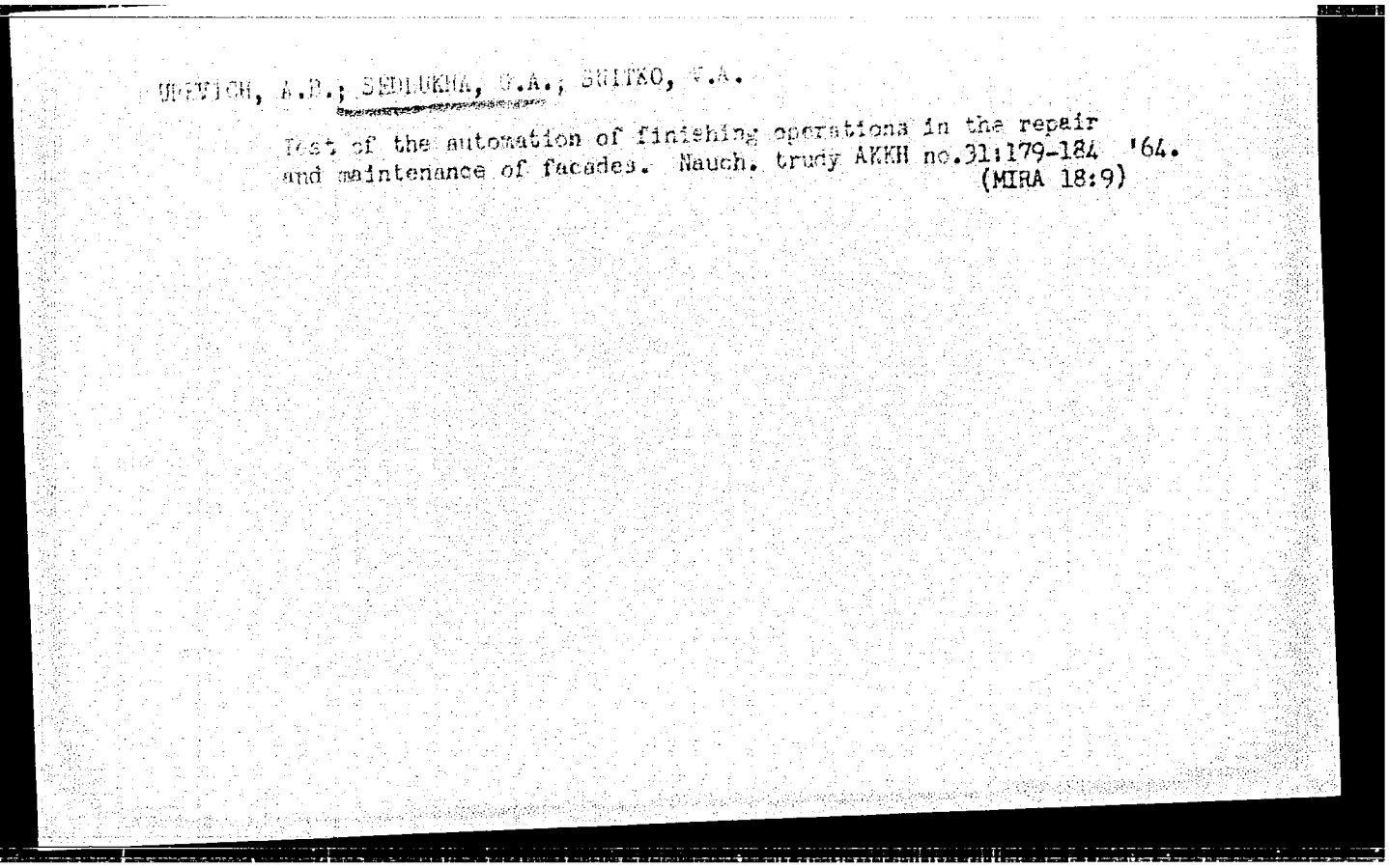
1. Nachal'nik Otdela novoy tekhniki instituta "Lenzhilkproyekt" (for Rabinovich). 2. Leningradskiy nauchno-issledovatel'skiy institut Akademii kommunal'nogo khozyaystva (for Sedlukha, Fridman).
(Apartment houses--Maintenance and repair)(Cranes, derricks, etc.)

FRIDMAN, Osher Moiseyevich; SEDLUKHA, Georgiy Andrianovich;
TIKHOMIROV, Ye.N., nauchn. red.; DESHALYT, M.G., ved. red.

[Insulating work on city gas lines] Izoliatsionnye raboty
na gorodskikh gazoprovodakh. Leningrad, Nauka, 1965. 165 p.
(MIRA 18:9)

SNITKO, Vladimir Aleksandrovich; SEDLUKHA, Georgiy Andrianovich; LEVCHENKO, Ya.V., red.

[New machines for facade operations] Novye mashiny dlia fasadnykh rabot. Leningrad, 1965. 22 p. (MIRA 18:7)



UMEVICH, A.P.; SEDLUKHA, O.A.; SHITKO, V.A.

Test of the automation of finishing operations in the repair and maintenance of facades. Nauch. trudy AKKH no.31:179-184 '64. (MIRA 18:9)

SEDLUKHA, G.A., inzh.; FRIDMAN, O.M., inzh.

Some shortcomings of the trenchless laying of pipes by the method of piercing. Mont. i spets. rab. v. stroi. 22 no.12:7-9 D '60. (MIRA 13:11)

1. Leningradskiy nauchno-issledovatel'skiy institut Akademii kommunal'nogo khozyaystva imeni K.D.Pamfilova.
(Pipelines)

SEDLUKHA, G.A., inzh.

Devices for calculating the work of tower cranes. Stroi. i dor. mash. 6 no.3:17-18 Mr '61. (MIRA 14:4)
(Cranes, derricks, etc.)

FRIDMAN, O.M., inzh.; SEDLUKHA, G.A.

Precast flooring for the capital repair of buildings. Gor.khoz. Mosk. 35 no.7:42 Jl '61. (MIRA 14:7)
(Leningrad—Floors, Concrete)

SEDLUKHA, G.A.

Methods of determining the technical and economic efficiency of hoisting and transporting operations in major repairs of apartment houses. Nauch. trudy AKKH no. 18:64-86 '62.
(MIRA 17:7)

LANTSOV, Vladimir Anatol'yevich; SEDLUKHA, Georgiy Andrianovich; LEVCHENKO, Ya.V., inzh., red.; FREGER, D.P., red.; BOL'SHAKOV, V.A., tekhn. red.

[Assembly of tower cranes in crowded conditions]Montazh bashennykh kranov v stesnennykh usloviiakh. Leningrad, 1961. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no.27) (MIRA 16:2)

(Cranes, derricks, etc.)

SEDLUKHA, Georgiy Andrianovich; FRIDMAN, Osher Moiseyevich; PLOTNIKOVA, A.N., nauchnyy red.; DESHALYT, M.G., ved. red.; YASHCHURZHINSKAYA, A.B., tekhn. red.

[Construction and assemblage in gas pipelaying] Stroitel'no-montazhnye raboty po prokladke gazoprovodov. Leningrad, Gostoptekhizdat, 1963. 156 p. (MIRA 16:7)
(Gas, Natural--Pipelines) (Pipe-laying machinery)

SEDLUKHA, Georgiy Andrianovich; FRIDMAN, Osher Moiseyevich; UREVICH, A.B., nauchn. red.; MITROFANOVA, G.M., ved. red.

[Earthwork during the construction of city gas lines] Zemlianye raboty pri stroitel'stve gorodskikh gazoprovodov. Leningrad, Izd-vo "Nedra," 1964. 137 p. (MIRA 17:7)

SEDLUKHO, N. YA.

Cand Agr Sci, Diss -- "Changes of sod-podzoil soils in connection with their cultivation" Gorkiy, 1961. 24 pp, 21 cm (Min of Agr BSSR. White Russian Sci Res Inst of Agr), 120 copies, Not for sale (KL, No 9, 1961, p 186, No 24396). [61-53023]

SEDMAK, Filip, ing. (Nova Gorica, Presernova 5)

Parallel operation of two cables. Elektr vest 28 no.11/12:250-253 '60.

(Electric cables)

GOSPAVIC, J.; MILOVANOVIC,D.; SEDMAK,T.

Palmo-mental reflex in pyramidal insufficiency. Neuropsihijatrija 11 no.1:79-83 '63

1. Neuropsihijatriska klinika Medicinskog fakulteta u Beogradu; upravnik: prof.dr.U.Jekic.

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Mathematical
Reviews
Vol. 14
No. 8
Sept. 1953
Topology

Sedmak, Viktor. Dimension des ensembles partiellement ordonnes associes aux polygones et polyedres. Hrvatsko Prirodoslovno Drustvo. Glasnik Mat.-Fiz. Astr. Ser. II. 7, 169-182(1952). (Serbo-Croatian. French summary) Let P be a partially ordered set. Then P has a well-defined dimension, as defined by Dushnik and Miller [Amer. J. Math. 63, 600-610 (1941); these Rev. 3, 73]. Note that this dimension is completely unrelated to the dimension of P as defined by G. Birkhoff [Amer. Math. Soc. Colloq. Publ., v. 25, rev. ed., New York, 1948, p. 11; these Rev. 10, 673]. Let II be a polygon or 3-dimensional polyhedron, and let P be the set whose elements are the vertices, edges, and faces (if II is a polyhedron) of II. A partial ordering is defined in P in the natural way, by set-inclusion [see G. Birkhoff, loc. cit., pp. 12-13]. The author proves that the dimension of P is 3 if II is a polygon and is ≥ 4 if II is a 3-dimensional polyhedron. If II is one of the regular polyhedro or is a pyramid or prism, then the dimension of P is exactly 4. With an n-dimensional polyhedron II, there is associated a partially ordered set P in the same way, consisting of all k-dimensional simplices contained in II (k=0, 1, 2,...,n). The dimension of the partially ordered set P in this

(over)

case is $\geq n+1$ and is $\leq$ the number of vertices of Π. For an n-dimensional simplex, the dimension is accordingly equal to $n+1$. The author obtains in this way a partial solution to a problem raised by Kurepa (Teorija sukupova, Skolska Knjiga, Zagreb, 1951, p. 205, Problem 16.8.1; these Rev. 12, 663). Kurepa asked for the maximum value of the dimension of F for all 3-dimensional polyhedra Π. E. Hewitt (Seattle, Wash.).

SEDMAK, VICTOR

Sedmak, Victor. Quelques applications des ensembles ordonnés. Bull. Soc. Math. Phys. Serbie 6 (1954), 12–39, 131–153.

This is a self-contained, leisurely, and detailed account of the author's research on the dimension, in the sense of Dushnik-Miller, of polyhedra. Most of the results have been announced previously [Hrvatsko Prirod. Društvo. Glasnik Mat.-Fiz. Astr. Ser. II. 7 (1952), 169–182; C. R. Acad. Sci. Paris 236 (1953), 2139–2140; MR 14, 783; 15, 50]. A large number of examples are given.

E. Hewitt (Seattle, Wash.).

SEDMAK, VIKTOR

2

1

Sedmak, Viktor. Sur un système des équations ensembblistes. Bull. Soc. Math. Phys. Serbie 7 (1955), 217–218 (1956). (Serbo-Croatian. French summary)

Le symbole d parcourant l'ensemble D des entiers, l'A. prouve que le système ensembliste

$$(X_d \cap A_{d+1}') \cup (X_{d+1}' \cap A_d) = A_d$$

équivaut au système

$$A_d \cap X_{d+1} \subseteq X_d \subseteq (A_d \cup A_{d+1}) \setminus [A_{d-1} \cap (A_d \cup A_{d-2})]$$

[cf. S. Cetković, sanie Bull. 4 (1952), nos. 1–2, 51–59; MR 14, 238; Č. Stanojević, ibid. 4 (1952), no. 3–4, 39–41; MR 14, 854].

Đ. Kurepa (Zagreb).

Math

Gml

On the Partition of Sets

A4)5:

Sedmak, Viktor. Sur les partitions des ensembles. Glasnik Mat.-Fiz. Astr. Društvo Mat. Fiz. Hrvatske Ser. II. 12 (1957), 17–19. (Serbo-Croatian summary)

Let S be a set; the author denotes by KS the cardinal number of S. Assume $KS \geqq \aleph_\alpha$ and consider partitions of S into subsets $S=\bigcup_j X_{i,j}$, $1 \leqq i < \aleph_\alpha$, where j runs through a set of power $\geqq \aleph_\alpha$. In other words S is partitioned in $\aleph_\alpha$ ways in at least $\aleph_\alpha$ parts; de Groot raised the problem if to each i, $1 \leqq i < \aleph_\alpha$, one can find an $f(i)$ so that the complement in S of $\bigcup_{1 \leqq i < \aleph_\alpha} X_{i,f(i)}$ should have power $\geqq \aleph_\alpha$. The author proves this for $\alpha=0$. He further remarks that for $\alpha=0$ one can also show that $K\bigcup_{1 \leqq i < \aleph_0} X_{i,f(i)} \geqq \aleph_0$. [See also N. G. de Bruijn and P. Erdös, Wiskundige Opgaven 20 (1956), no. 2, 18–19.]

P. Erdös (Haifa)

SEDMAKOV, Zivka, vojni sluzbenik II klase,dr.; LESIC, Ivan, sanitetski pukovnik, docent, dr.; BAUM, Jordana, sanitetski kapetan I klase, dr.

Our experience in the treatment of facial nerve paralysis. Vojnosanit. pregl. 22 no.3:175-177 Mr'65.

1. Odeljenje za fizikalnu medicinu i rehabilitaciju, Vojno-medicinska akademija u Beogradu.

L 43092-65 EWP(e)/EWT(m)/EWP(i)/EWP(b) Pq-4 WH S/0081/65/000/001/B059/B059

ACCESSION NR: AR5006825

15

B

SOURCE: Ref. zh. Khimiya, Abs. 1B434

AUTHOR: Berzin', R. Ya.; Sedmal, U. Ya.; Vayvad, A. Ya.

15

TITLE: Physicochemical studies on aluminosilicophosphate glass. II. Crystallizing ability of glass of the system RO - alumina - silica - phosphorus pentoxide

CITED SOURCE: Izv. AN LatvSSR, Ser. khim., no. 6, 1963, 663-669

TOPIC TAGS: glass, glass crystallization, aluminosilicate glass, aluminophosphate glass, magnesia, calcium oxide, phosphorus pentoxide, calcium phosphate, aluminum phosphate

TRANSLATION: The authors studied the crystallizing ability of glass of the system $MgO - CaO - Al_2O_3 - SiO_2 - P_2O_5$. They found low crystallizing ability in glass with the following molar proportions between the oxides: $SiO_2/Al_2O_3 = 1.7-2.8$; $P_2O_5/Al_2O_3 = 0.7-0.9$; $(SiO_2 + P_2O_5 + Al_2O_3)/RO = 1.5-2.0$, if RO is 0.44 moles of CaO and 0.56 moles of MgO. The least crystallizing ability among the samples of glass studied was shown by a glass in which the molar ratio of MgO/CaO = 2. It was established that

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L 43092-65

ACCESSION NR: AR5006825

the crystallization of these types of glass results mainly in the separation of Ca and Al phosphates. For Part I, see RZhKhim, 1963, 6M72. Authors' abstract.

SUB CODE: MT ENCL: 00

am

Card 2/2

L 12890-66 EWP(e)/EWT(m)/EWP(b) WH

ACC NR: AT6000485 SOURCE CODE: UR/0000/65/000/000/0156/0158

33
32
B+1

AUTHOR: Eyduk, Yu. Ya.; Sedmal, U. Ya.; Berzin', R. Ya.

ORG: None

TITLE: On the structure of aluminosilicophosphate glasses 15.44

SOURCE: Vsesoyuznoye soveshchaniye po stekloobraznomu sostoyaniyu. 4th, Leningrad, 1964. Stekloobraznoye sostoyaniye (Vitreous state); trudy soveshchaniya. Leningrad, Izd-vo Nauka, 1965, 156-158

TOPIC TAGS: lithium glass, aluminophosphate glass, silicate glass, glass property

ABSTRACT: The paper deals with glasses of the three systems Al_2O_3-SiO_2-P_2O_5, Li_2O-Al_2O_3-SiO_2-P_2O_5, and MgO-CaO-Al_2O_3-SiO_2-P_2O_5. In the first system, studies of the chemical stability, crystallizing tendency, coefficient of linear thermal expansion, softening temperature, and microhardness of the glasses indicate that they consist of the groups $[PO_4]$, $[AlPO_7]$, and $[SiO_4]$, weakly bonded to one another. As the Al_2O_3 content increases, more $[AlPO_7]$ groups are apparently formed in which P_2O_5 is bound firmly. In the second system, it is postulated that the factor determining glass formation from the standpoint of energy considerations is the similarity between the structure of the vitreous phase and that of the crys-

Card 1/2

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L 12890-66

ACC NR: AT6000485

talline phases present in this region. Mineralogical and x-ray diffraction analyses of the crystalline compounds formed showed that crystallization during melting of the glasses involves formation of lithium phosphates and lithium aluminum phosphates. In the third system, the study of physicochemical properties of the glasses indicated that in their crystallization and dielectric properties they are not inferior to aluminum borosilicate glass used in the production of glass fiber, and they are therefore recommended for such use. The glass formation diagrams of the three systems are given. Orig. art. has: 3 figures.

SUB CODE: 07, 11/ SUBM DATE: 22May65

Card 2/2 HW

EYDUK, Yu. P.; SEDMAL, Yu. N.; BEREZIN, A. Ya.

"Concerning the structure of alumosilicophosphate glasses."

report submitted for 4th All-Union Conf on Structure of Glass, Leningrad, 16-21 Mar 64.

SEDMALIS, U.; BERZINS, R.; SKLENNIKS, C., red.; PILADZE, Z., tekhn. red.

[Structure and use of glass] Stikla uzbuve un pielietosana. Riga, Latvijas PSR Zinatnu Akad. izdevnieciba, 1962. 31 p. (MIRA 16:5)

(Glass)

SEDMALIS, U. YA

SOV/137-58-7-14484

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 79 (USSR)

AUTHORS: Freydenfel'd, E.Zh., Sedmalis, U.Ya.

TITLE: Possibilities of Utilization of Manganous Open-hearth Slags for Production of Binder Compounds (Vozmozhnosti ispol'zovaniya margantsovistykh martenovskikh shlakov dlya proizvodstva vyazhushchikh veshchestv)

PERIODICAL: Zinatn. raksti. Latv. Univ., Uch. zap. Latv. un-t, 1957, Nr 14, pp 173-178

ABSTRACT: The open-hearth slags (S) investigated were taken from the waste of the Liyepaya "Krasnyy metallurg" [Red Metallurgist] plant (the S were primarily nongranulated). A sample of S of the following chemical composition was employed: 28.3% SiO_2, 37.0% CaO, 9.5% MgO, 9.4% Fe_2O_3, 6.2% Al_2O_3, 7.9% MnO, 1.5% P_2O_5. Eleven various mixtures were prepared (the only addition being sand, sand and gypsum, sand and Portland cement, sand and CaO and CaC_2). It was found that after being ground in a ball mill or a vibrating mill, the nongranulated S of the plant indicated exhibit a σ_b compr. of ~40 kg/cm^2 after having been stored in a moist medium for a period of 28 days.

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SOV/137-58-7-14484

Possibilities of Utilization of Manganese Open-hearth Slags (cont.)

The binding compound thus obtained may be utilized in manufacture of slag-sand blocks employed in the construction of walls of small buildings as well as in the preparation of mortar solutions.

A.M.

1. Materials--Bonding 2 Slags--Applications

Card 2/2

L 26398-66 EWA(h)/EWP(e) WH

ACC NR: AM5024745 Monograph UR/ 67 66

Benedikt, Vaclav (Engineer); Sedmidubsky, Jan; Soutor, Zdenek (Engineer) B+1

Microminiaturization (Mikrominiaturizace) Prague, SNTL, 1965. 242 p. illus., biblio. 3200 copies printed. 25

TOPIC TAGS: microelectronics, microelectronic thin film, microelectronic circuit, microelectronic component, microelectronic packaging, microelectronic reliability, semiconducting material, thin film circuit

PURPOSE AND COVERAGE: This book is intended for designers and engineers in the radio communication industry. It may also be useful to students in radio engineering schools. The introductory chapters of the book deal with the principles of microminiaturization and reliability problems. Miniature and special electronic elements are discussed, and some production methods concerning microminiaturization are described. The problems of proper microminiaturization such as the design and technology of RC circuits, modules, micromodules, and special-duty circuits are discussed. Further prospects for microminiaturization development are touched on in the conclusion.

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L 26398-66
ACC NR: AM5024745

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L 26398-66
ACC NR: AM5024745

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 006/ OTH REF: 153

Card 5/5 CC

SEDLAK, J., inz.; SEDMIDUBSKY, Zd., inz.

Characteristic features of computors. Automatizace 4 no.12:365 D '61.

(Calculating machines)

SEDMIDUBSKY, Zd., inz.; SEDLAK, J., inz.

Characteristics of calculating machines. Automatizace 5 no.1:
23 Ja '62.

SEDMIDUBSKY, Zd., inz.; SEDLAK, Jan, inz.

Characteristics of calculating machines. Automatizace 5 no.2: 49 F '62.

SEDLAK, J., inz.; SEDMIDUBSKÝ, Zd., inz.

Characteristics of computers. Automatizace 5 no.3:80 Mr '62.

SEDLAK, Jan, inz.; SEDMIDUBSKY, Zd., inz.; TOMASEK, Jar., inz.

Characteristics of calculating machines. Automatizace 5 no.5:144-145 My '62.

SEDMIDUBSKY, Zdenek, ing.; SEDLAK, Jan, ing.

Characteristic features of computers. Automatizace 6 no.12:315 D '63.

SEDLAK,J., inz.; SEDMIDUBSKY, Zd., inz.

Characteristic values of computers. Automatizace 7 no.2:45,47 F'64.

SEDMIDUBSKY, Zdenek, inz.; SEDLAK, Jan, inz.

Characteristic values of computers. Automatizace 7 no.4: 106 Ap '64.

JANAC, K., inz. CSc.; SEDLAK, J., inz.; SEDMIDUBSKY, Zd., inz.

Characteristic values of computers. Automatizace 7 no. 6: 160-161 Je '64.

CHAMRAD, Valentin, inz.; SEDLAK, Jan, inz.; SEDMIDUBSKY, Zdenek, inz.

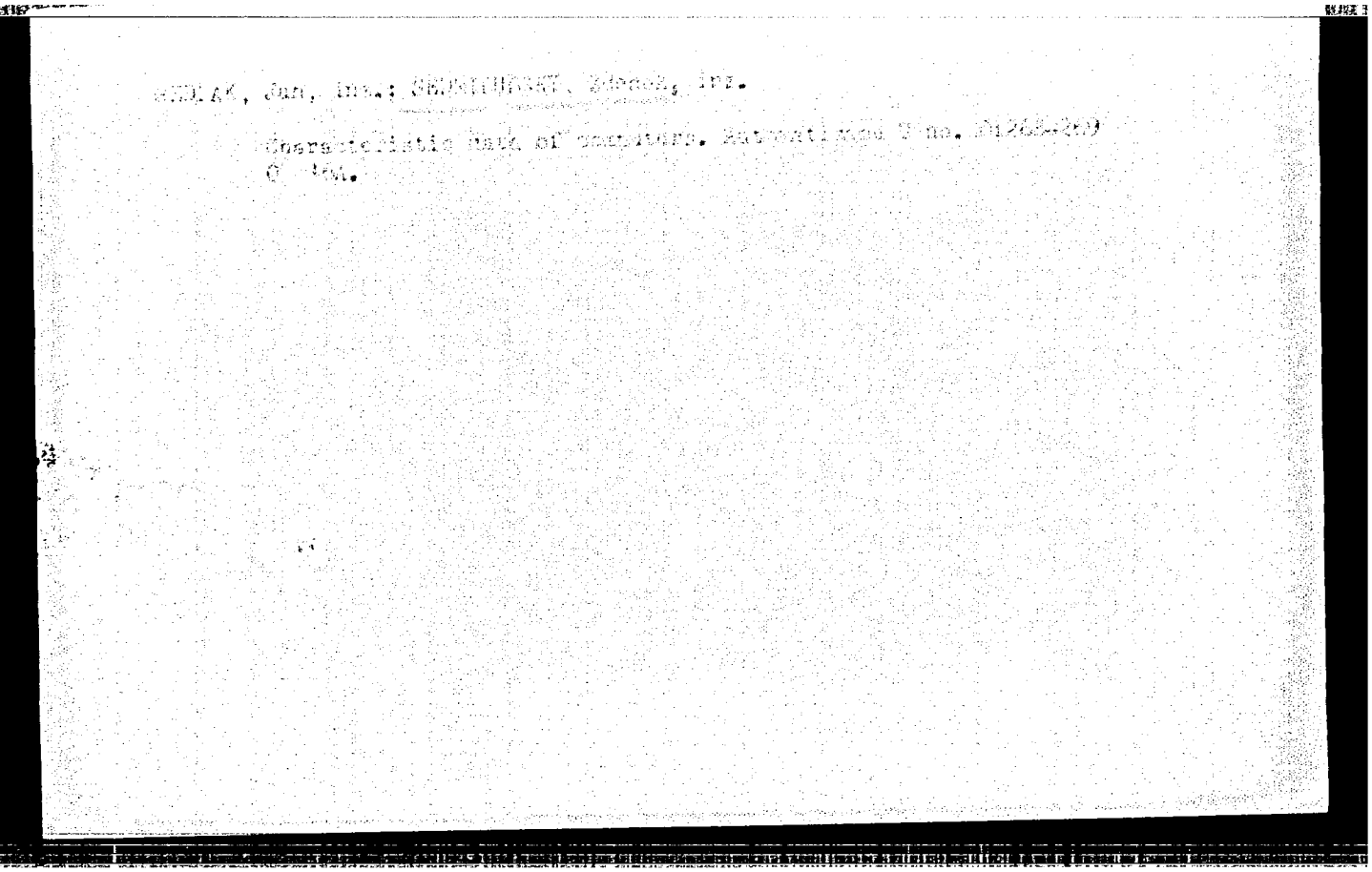
Characteristic computer values. Automatizace 7 no. 7:183 Jl '64.

SEDLAK, Jan, inz.; SEDMIDUBSKY, Zdenek, inz.

Characteristic values of computers. Automatizace 7 no.8:211 Ag '64.

SEDLAK, Jan, inz.; SEDMIDUBSKY, Zdenek, inz.; VALENTA, Jaroslav, inz.

Characteristic values of computers. Automatizace 7 no.9:233 S '64.



SEDLAK, Jan, inz.; SEDMIDUBSKY, Zdenek, inz.

Characteristic data of computers. Automatizace 7 no.11:302 N '64.

L 21165-66
ACC NR: AP6010962 SOURCE CODE: CZ/0080/65/000/004/0100/0101

AUTHOR: Krizan, B. (Engineer); Kotva, M. (Engineer); Sedmidubsky, Z. (Engineer); Stanek, M. (Engineer)

39
B

ORG: none

TITLE: Characteristics of the AP-S and MEDA 20TS differential analyzers

SOURCE: Automatizace, no. 4, 1965, 100-101

TOPIC TAGS: digital differential analyzer, electronic component, computer programming

ABSTRACT: The components of these two differential analyzers are listed in a comparative type of table. The parameters of the components are given, and the applications, method of programming, general parameters and present status of installation in Czechoslovakia are given for the analyzers. Orig. art. has: 2 tables. [JPRS]

SUB CODE: 09 / SUBM DATE: none

Card 1/1 BK

L 31582-66
ACC NR: AP6022980 SOURCE CODE: CZ/0080/65/000/009/0244/0244

AUTHOR: Pokorny, Zdenek (Engineer); Sedmidubsky, Zdenek (Engineer); Sedlak, Jan (Engineer)

ORG: none

TITLE: Characteristic data of computers

SOURCE: Automatizace, no. 9, 1965, 244

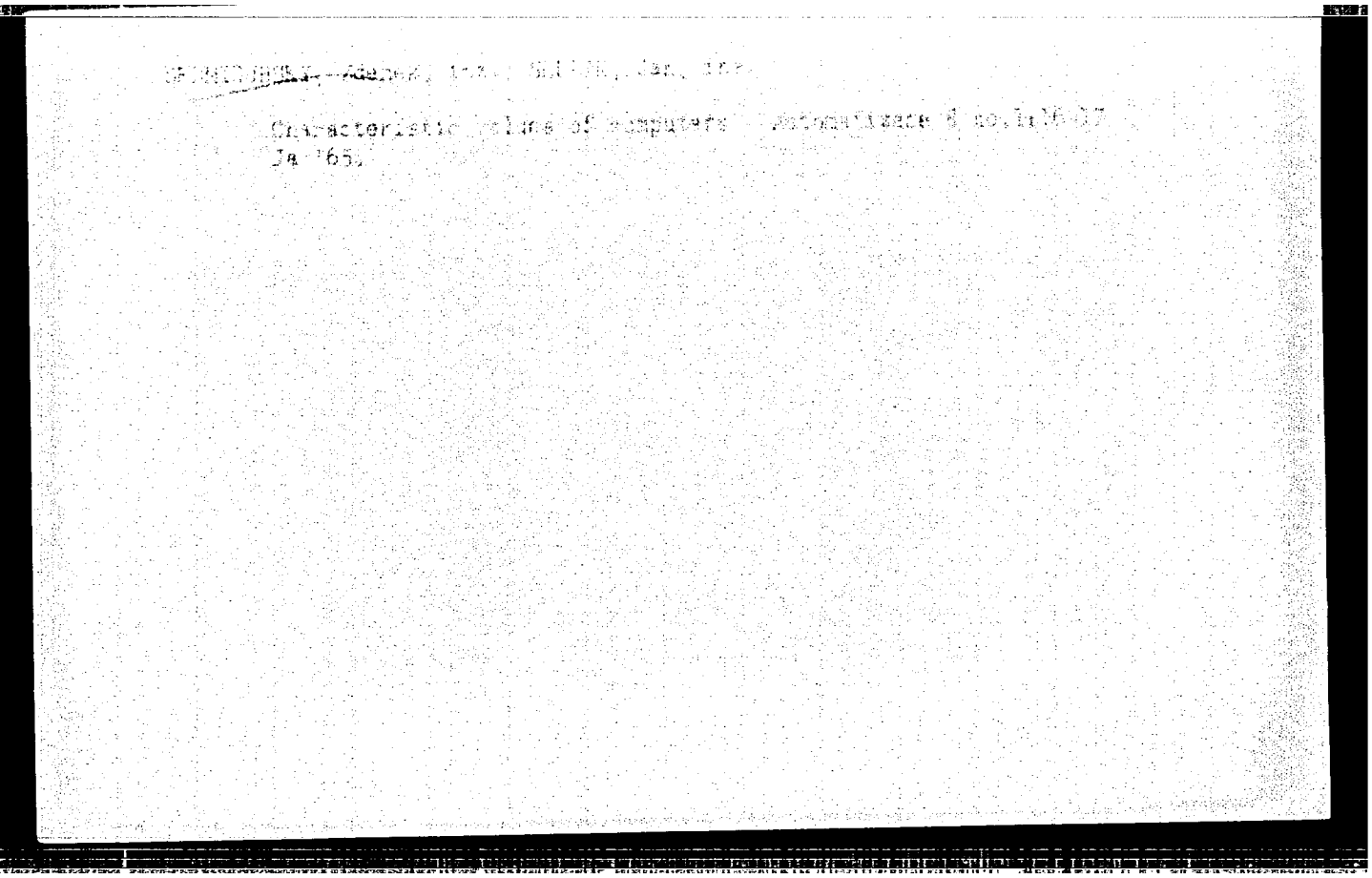
TOPIC TAGS: digital computer, data processing, transistor/MSP-2 digital computer

ABSTRACT: The data sheet is for the MSP-2, a small universal transistorized digital computer developed by the Research Institute of Mathematical Machines (Vyzkumny ustav matematickych stroju), Prague, with two prototypes made by Konstrukta Trencin. [JPRS]

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 002

Card 1/1 LC

0915 1065



Characteristic values of computers ... Ja '65.

SEDLAK, Jar., inz.; SEDMIDUBSKY, Zdenek, inz.

Characteristi values computers. Automatizace 8 no.2:[illegible] F '65.

[illegible], I.; [illegible], [illegible].

Addition of silon yarn and its effect on the critical step in carding worsted and twisted woolen yarns. p. 202. TSVIL. (Ministerstvo lehkeho prumyslu) Praha. Vol. 9, Vol. 9, no. 7, July 1954.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

SEDMIK, M.

A new discovery in the production of bread and baked products. p. 510.

PRZEMYSL SPOZYWCZY. Warszawa. Vol. 9, no. 12, Dec. 1955.

SOURCE: East European Accessions List (EEAL) LC, Vol. 5, no. 3, Mar. 1956

SKORIK, A.D., inzh.-inspektor; KANDAKOV, V.; SLYUNCHENKO, M.D., inzh.; SEDNEV, A.I., inzh. po tekhnike bezopasnosti (Nebit-Dag, Turkmenskaya SSR); SHCHERBAKOV, S., inzh.; RUDAKOV, N.A.

Readers' letters. Bezop. truda v prom. 8 no.11:53-54 N '64. (MIRA 18:2)

1. Upravleniye Sredne-Volzhskogo okruga Gosudarstvennogo komiteta pri Sovete Ministrov RSFSR po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru (for Skorik). 2. Glavnyy mekhanik zavoda Yacheistykh betonov, Tatarskaya ASSR (for Kandakov). 3. Nachal'nik proyektno-konstruktorskogo byuro tresta Novovolynskugol' (for Slyunchenko). 4. Upravleniye l'vovskogo okruga Gosudarstvennogo komiteta pri Sovete Ministrov UkrSSR po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru (for Shcherbakov). 5. Amakinskaya ekspeditsiya Yakutskogo geologicheskogo upravleniya (for Rudakov).

PA 162T10

USSR/Electricity - Relay Protection Jun 50
Transformers, Current

"Current Protection From Grounding With Zero-Sequence Current Transformers Operating on Capacitive Current," I. F. Sednev, Engr

"Elek Stants" No 6, pp 41-43

Describes current protective devices, for single and double cable line, consisting of magnetic ring circuit which acts as primary winding of current transformer. For single cable, secondary windings, from which ET-type current relay is fed, are wound in core of magnetic circuit. For double cable, 162T10

USSR/Electricity - Relay Protection (Contd) Jun 50

secondary windings are connected in parallel and act on single common current relay. Editor considers wide use of this type current protection fully justified.

162T10

SEDNEV, I. F.

STAROBINETS, G.L.; SEDNEV, M.P.

Use of the reaction isotherm in elution chromatography. Dokl. AN BSSR 6 no.3:172-176 Mr '62. (MIRA 15:3)

1. Institut obshchey i neorganicheskoy khimii AN BSSR. Predstavleno akademikom AN BSSR M.M.Pavlyuchenko.
(Chromatographic analysis)

L 40963-66 EWT(m) RM/DS

ACC NR: AR6016970 SOURCE CODE: UR/0081/65/000/024/S073/S073

37
B

AUTHOR: Sednev, M. P.; Starobinets, G. L.

TITLE: Effect of heat treatment on selective properties of sulfocationites

SOURCE: Ref. zh. Khimiya, Abs. 24S511

REF SOURCE: Sb. Geterogen. reaktsii i reakts. sposobnost'. Minsk, Vyssh. shkola, 1964, 20-25

TOPIC TAGS: ion exchange resin, polymer structure, desulfurization, heat resistance, sulfone

ABSTRACT: A method was worked out for thermally desulfurizing ion exchange resins under conditions of rigid thermostatic control and continuous removal of the desulfurization products with a stream of superheated steam in the absence of contacting the ionite with atmospheric oxygen. This makes it possible to obtain an ionite with a specified sulfo group content with maximum retention of all other properties. It was observed that the exchange capacity and the degree of swelling decrease in the heat treating process but the bound sulfur content increases, apparently due to the formation of sulfone bridges.

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L 40963-66

ACC NR: AR6016970 O

It was shown that cationite KU-2x6 has greater heat stability than cationite KU- [Translator's Note: Latter part of designation illegible]. Cationite KU-2x6 in the Na-form is completely stable to 225-230°. The density of the ionite decreases during desulfurizing while the density, in relation to the same number of sulfo groups in the original and heat treated cationite, increases. This indicates packing of the ionite structure during heat treatment. N. Shamis. [Translation of abstract].

SUB CODE: 11,07

Card 2/2 mlf

STAROBINETS, G.I.; SEDNEV, M.P.; DUBOVIK, T.L.

Concentration and separation of small amounts of elements by eluent chromatography. Trudy Kom. anal. khim. 15:323-330 '65. (MIRA 18:7)

SEDNEV, M.P.; STAROBINETS, G.L.; AKULOVICH, A.M.

Separation of strontium from calcium and magnesium by ion-exchange chromatography. Zhur. anal. khim. 21 no. 1:23-27 '66 (MIRA 19:1)

1. Belorusskiy gosudarstvennyy universitet imeni Lenina i Institut obshchey i neorganicheskoy khimii AN BSSR, Minsk.

Sedo, A.

Effect of chlorination on paper pulp. p. 74. PAPIR A CELULOSA. (Ministerstvo lesu a drevarskeho prumyslu) Praha. Vol. 11, no. 4, Apr. 1956.

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

SEDO, Anton

Sulfitove varenie buniciny. (Sulphite Process of Cellulose Manufacture. illus., bibl., tables) Introduction by Ivan Slavik. Bratislava, SVTL, 1957. 149 p.

The publication contains a short survey of raw materials needed for the sulphite manufacture of cellulose. It describes the boiler, its size and accessories, contents and product. It also describes technological processes, controls, heating equipment, caloric balance and safety measures.

Bibliograficky katalog, CSR, Slovenske knihy, Vol. VIII. 1957. No. 9. p. 280.

SEDO, M.

"The bridge."

p. 16 (Ceskoslovensky Vojak) Vol. 6, no. 23, Nov. 1957
Prague, Czechoslovakia

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

SEDOCHENKO, A. (g.Dmitriyev-L'govskiy, Kurskaya obl.)

Trimming a thin wire. Radio no.8:39 Ag '54. (MLRA 7:8)
(Electric wire)

SEDOKOV, L.M.

123-1-733-D

Translation from: Referativnyy Zhurnal, Mashinostroyeniye, 1957, Nr 1, p. 110 (USSR)

AUTHOR: Sedokov, L.M.

TITLE: Dynamics in Face-milling of Gray Iron (Dinamika tortsevogo frezerovaniya serogo chuguna)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Tomsk Polytechnical Institute, (Tomskiy politekhn. in-t) Tomsk, 1956.

ASSOCIATION: Tomsk Polytechnical Institute (Tomskiy politekhn.in-t)

Card 1/1

ROZENBERG, Yu.A., kand.tekhn.nauk; SEDOKOV, L.M., kand.tekhn.nauk.

Calculating the cutting force in turning and milling gray cast iron.
Vest.mash. 37 no.12:68-71 D '57. (MIRA 10:12)
(Metal cutting)

SOV/124-58-7-8014

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 7, p 102 (USSR)

AUTHOR: Sedokov, L.M.

TITLE: A Kinematic Analysis of the Formation of a Continuous Chip (Kinematicheskiy analiz protsessa obrazovaniya slivnoy struzhki)

PERIODICAL: Izv. Tomskogo politekhn. in-ta, 1957, Vol 85, pp 149-168

ABSTRACT: The analysis is made on the basis of the Time-Zvorykin approximate chip-formation diagram, which assumes cutting to be a plastic shearing process. Consequently, all displacements are attributed to shearing actions occurring in a "shear plane". Hence, the relative position within a chip of any particle of the layer removed is determined and analytical expressions are obtained for the geometric cutting parameters. The shape of the grains before and after deformation is discussed also. The author remarks that actually shearing actions occur not only in the shear plane but also "in a more or less extensive region of plastic deformation", yet a quantitative evaluation of this fact is not attempted in the article. 1. Metals--Mechanical properties 2. Metals--Machining

Card 1/1

G.S. Shapiro

KONYAKHIN, I.R.; SEDOKOV, L.M.; GORBENKO, M.S.

Using a conical crusher to determine working forces. Zav. lab. 24 no.5:632-633 '58. (MIRA 11:6)

1. Tomskiy politekhnicheskiy institut.
(Physical testing)

SEDOKOV, L.M.

Determining the coefficient of friction in metal cutting. Stan. i instr. 29 no.2:26 F '58. (MIRA 11:3)
(Metal cutting) (Friction)

ROZENBERG, A.M., prof., doktor tekhn.nauk; SEDOKOV, L.M., dotsent, kand.tekhn.nauk

Determining the torque during face milling. Izv.vys.ucheb. zav.; mashinostr. no.1:123-130 '59. (MIRA 13:3)

1. Tomskiy politekhnicheskiy institut.
(Metal cutting)

SEDOKOV, L.M.

Investigating the plasticity and strength of grey iron.
Izv.vys.ucheb.zav.; fiz. no.5:86-88 '59.
(MIRA 13:4)

1. Tomskiy politekhnicheskiy institut imeni S.M.Kirova.
(Cast iron)

11100

25245

S/122/60/000/003/012/015
A161/A130

AUTHOR: Sedokov, L.M., Candidate of Technical Sciences, Docent

TITLE: Calculating the cutting force and drive power for large machine tools

PERIODICAL: Vestnik mashinostroyeniya, no. 3, 1960, 66 - 68

TEXT: Empirical formulas existing for small and moderate-power machine tools had been derived for about 10 mm^2 chip cross section. But they do not reflect the physical essence of process and interrelation of different factors affecting the cutting force. N.N. Zorev [Ref. 1: Raschet proyektsiy sily rezaniya (Calculation of cutting force projections), Mashgiz, 1956] proved that they may give errors to 250%. And they cannot be employed for large chip cross sections (up to 50 mm^2). Tomskiy politekhnicheskiy institut (Tomsk Polytechnical Institute) and the "Sibtyazhmash" Plant in Krasnoyarsk have developed two methods for cutting force calculation being based on the physical essence of cutting process phenomena. The first method makes possible a very accurate determination without dynamometer measurements. The chip removed in certain cutting conditions is used for the calculation. This method can be used for checking and comparing the

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geometry of tools, operation of attachments, rigidity of work, efficiency of machine tools, analysis of failures causes, etc. The formula for this is [Ref. 2: L.M. Belokov, Uravneniye dlya rascheta sily rezaniya (Equation for the calculation of the cutting force), Tomsk, 1956]:

$$P_z = \tau (\varepsilon + 1) st \qquad (1)$$

where τ is the value of tangential stresses in the shearing plane, in kg/mm^2; ε - the relative shear value determined by the chip shrinkage and the tool rack angle; s - feed, in mm/rev; t - cutting depth, in mm. The τ value can be found by measuring the chip hardness in a Brinell press using a 2.5 mm ball and 187.5 kg weight, or a 5 mm ball and 750 kg weight. Knowing the chip hardness, the tangential stress value can be determined with the formula developed by A.M. Rozenberg's (Ref. 3: A.M. Rozenberg, L.A. Khvorostukhin, Tverdost' i napryazheniye v plasticheski deformirevannom, tele, "ZhTF", v. XXV, no. 2, 1955):

$$\tau = 0.19 \text{ HB} \qquad (2)$$

The real cutting force values have been determined at the "Sibtyazhmash" Plant with a TPI-5-25-58 (TPI-5-25-58) resistance-wire strain gage dynamometer, and the calculated by the described calculation method. The tangential stresses have been determined by the mean hardness of removed chip (HB 270), which gave: