BATIS, J.

(3)

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: not given

Affiliation:

Source: Belgrade, Veterinarski glasnik, No 9, 1961, pp 771-772.

Data: "Bacillus Cereus as a Cause of Mastitis in Cows."

Authors:

BATIS, J., Veterinary Center (Veterinarski zavod), Ljubljana
SREBOT, I., Department of Veterinary Medicine of the Faculty of Agronomy, Forrestry, and Veterinary Medicine (Veterinarski odjel Fakultete za agronomijo, gozdarstvo in veterino), Ljubljana

2 of

YUGOSLAVIA

J. BATIS and I. BRGLEZ, Veterinary Institute of Slovenia; Veterinary Department of the Biotechnical Faculty (Veterinarski zavod Slovenije; Veterinarski oddelek Biotehniske fakultete,) Ljubljana.

"Isolations of Salmonella in the Veterinary Institute of Ljubljana During the Past Twelve Years."

Belgrade, Veterinarski Glasnik, Vol 17, No 5, 1963; pp 409-413.

Abstract [English summary modified]: Less than 13 specimens annually were positive for Salmonellae in 1951-1958, but average 1959-1962 is well over 100; in 1962, 249 were isolated "so far." New species and strains keep appearing. Causes are partly increased vigilance, but primarily import: S. blockley from Canadian chicks, S. tennessee from poultry feed, S. derby from pig litter, S. anatum from bone meal, etc. Conclusions: increase vigilance further as close to source as possible. Two graphs; 4 Yugoslav and 6 Western references.

1/1

TAYNOV, Aleksey Ivanovich; OPEYKO, F.A., prof., doktor tekhn.nauk, retsenzent; YAKOVLEV, N.F., dotsent, kand.tekhn.nauk, retsenzent; BATISHCHE, A.D., nauchnyy red.; KAPRANOVA, N.V., red.; KUZ'MENOK, P.T., tekhn.red.

[Kinetostatics of crank and connecting rod mechanisms of a plane system according to the reduction method] Kinetostatika sharnirno-sterzhnevykh mekhanizmov ploskoi sistemy po metodu privedeniia. Minsk, Belorusskii polit.in-t im. I.V.Stalina, 1960. 157 p. (MIRA 14:2)

1. Chlen-korrespondent AN i Akademii sel'skokhozyaystvennykh nauk BSSR (for Opeyko).
(Machinery, Kinematics of)

L 41379-65 EWA(h)/EWT(1)/Peb GG
ACCESSION NR: AP5003978 S/0103/65/026/001/0140/0148

AUTHOR: Batishchev, D. I. (Gor'kiy)

TITLE: Using the methods of nonlinear programing for determining optimal parameters of electromagnetic relays

SOURCE: Avtomatika i telemekhanika, v. 26, no. 1, 1965, 140-148

TOPIC TAGS: electromagnetic relay, nonlinear programing

ABSTRACT: The design of a moving-iron relay for minimum copper weight is considered as an example illustrating the method of reducing the problem of optimal relay design to a problem of nonlinear programing. Two iteration methods -- the steepest descent and the relaxation -- are used to find a relative minimum of a criterial function; both require the use of a digital computer. The steepest-descent method converges quicker than the relaxation method; however, the latter permits determining the effects of individual parameters on the system

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L 41379-65

ACCESSION NR: AP5003978

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optimality and, hence, is suitable for the cases involving only a few variables. Technical data of a standard factory-made Soviet RS-13 relay is compared with data computed by the above nonlinear-programing methods obtained on an "Ural-2" computer; the comparison reveals some savings in material, better characteristics, and a large saving in the design-engineer's work made possible by the computer methods. "In conclusion, the author wishes to thank A. M. Gil'man for his useful comments and attention to this work." Orig. art. has: 1 figure, 17 formulas, and 2 tables.

ASSOCIATION: none

SUBMITTED: 14Oct63 ENCL: 00 SUB CODE: DP

NO REF SOV: 009 OTHER: 003

Card 2/2 CC

1. BATISHCHEV, I.

2. USSR (600)

4. Sawmills

7. Productive base of the trust "Sel'stroi." Sel'stroi. 2 no. 5 1947

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

DEGTEREV, G.; BATISHCHEV, I.

Self-loading trucks. Nov.torg.tekh. no.3:25-28 '56.
(MLRA 9:10)

(Loading and unloading) (Motortrucks)

BATISHCHEV, I.

Motortrucks with hanging hoisting devices and the range of their efficient use. Avt.transp. 35 no.2:8-12 F '57. (MIRA 10:12)
(Motortrucks) (Hoisting machinery)

BATISHCHEV, I.

KITAYEV, A., inzhener.; BATISHCHEV, I., inzhener.

Simple dumping devices. Avt.transp. 35 no.4:11-12 Ap '57. (MLRA 10:5)

(Dump trucks)

BATISHCHEV, I.

Efficiency of using motortruck containers. Avt. transp. 35 no.12: 3-5 D '57. (MIRA 11:1)
(Transportation, Automotive) (Containers)

KITAYEV, A.; BATISHCHEV, I.

Transporting single freight in containers as packages. Avt. transp. 36 no.9:7-9 S '58. (MIRA 11:10)

1.Gosudarstvennyy nauchno-issledovatel'skiy institut avtomobil'nogo transporta.
(Transporation, Automotive)

BATISHCHEV, I.

New state standard for containers. Avt.transp. 37 no.11: 9-10 N '59. (MIRA 13:2)
(Containers--Standards)

ASKINAZI, Khona L'vovich; BATISHCHEV, Ivan Ivanovich; KITAYEV, Aleksandr Sergeyevich; BODRILIN, A.P., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Organizing automotive transportation of packages piece freight in parcels on trays]Organizatsiia perevozok avtomobil'nym transportom tarno-shtuchnykh gruzov v paketakh na poddonakh. Moskva, Avtotransizdat, 1960. 61 p. (MIRA 15:7)
(Transportation, Automotive--Freight)
(Unitized cargo system)

BATISHCHEV, I., kand.ekon.nauk

Green light to the package system of freight haulage. Avt.transp. 38 no.11:12-15 N '60. (MIRA 13:11)
(Freight and freightage)

BATISHCHEV, I.I., kand. ekonomicheskikh nauk

Standardization of trays and containers is an important stage in the development of the mechanization of loading and unloading operations in automotive transportation. Trudy MIEI no.17:42-48 '61. (MIRA 14:11)
(Transportation, Automotive)
(Containers--Standards)

BATISHCHEV, Ivan Ivanovich; SHUMOV, Aleksandr Vladimirovich; DUBASOV, A.A., red.; STRYZHKOVA, N.I., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Operation of self-loading motor vehicles]Ekspluatatsiia avtomobilei-samogruzchikov. Moskva, Avtotransizdat, 1962. 158 p. (MIRA 15:9)

(Motor vehicles)

BATISHCHEV, I., kand.ekon.nauk

Highway transport workers organize loading operations. Av.transp. 40 no.7:12-15 Jl '62. (MIRA 15:8)
(Loading and unloading)

BATISHCHEV, Ivan Ivanovich, kand. ekon. nauk; SINEGUBOV, Yu.K., retsenzent; STRIZHKOVA, N.I., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Loading and unloading operations in automotive transportation] Pogruzochno-razgruzochnye raboty na avtomobil'nom transporte. Moskva, Avtotransizdat, 1963. 215 p. (MIRA 16:9)

(Transportation, Automotive)
(Loading and unloading)

BATISHCHEV, I., starshiy nauchnyy sotrudnik

Modern motor and electric loaders. Avt.transp. 41 no.10:37-40 O '63. (MIRA 16:10)

1. Nauchno-issledovatel'skiy institut avtomobil'nogo transporta.

BATISHCHEV, I., kand. ekonom. nauk

Self-loading truch or a stationary mechanism? Avt. transp. 41 no.6:17-18 Je '63. (MIRA 16:8)

BATISHCHEV, I., kand.ekonom.nauk

Improving the organization of mineral fertilizer transportation.
Avt.transp. 42 no.2:10-12 F '64. (MIRA 17:3)

BATISHCHEV, Ivan Ivanovich; SUBBOTIN, Aleksandr Sergeyevich, kand. ekon. nauk, st. inzh.; BARANOV, A.Ya., red.

[Bases for the mechanization of loading and unloading operations in automotive transportation] Bazy mekhanizatsii pogruzochno-razgruzochnykh rabot na avtomobil'nom transporte. Moskva, Transport, 1964. 32 p.
(MIRA 17:12)

BATISHCHEV, I., kand. tekhn. nauk

New containers, trays and lifting jacks. Avt. transp. 43 no.1:8-10 Ja '65. (MIRA 18:3)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut avtomobil'nogo transporta.

BATISHCHEV, K., podpolkovnik, vcyennyy shturman pervogo klassa

Flying exactly to the target above the sea. Av. i kosm. 46 no.3:17-21 Mr '64. (MIRA 17:3)

BATISHCHEV, K.N., inzh.; BULANKIN, A.I., inzh.; GAL'PERN, M.L., inzh.

Concerning the use of VVN-220 air cutouts. Elek. sta. 33 no.6: 53-56 Je '62. (MIRA 15:7)

(Electric cutouts)

ACCESSION NR: AP4029213 S/0114/64/000/004/0014/0016

AUTHOR: Ratishchev, V. I. (Engineer)

TITLE: Maximum power of closed-cycle gas turbines

SOURCE: Energomashinostroyeniye, no. 4, 1964, 14-16

TOPIC TAGS: gas turbine, gas turbine maximum power, closed cycle gas turbine, nitrogen turbine, turbine maximum power calculation

ABSTRACT: Keeping in mind that the maximum diameter of a rotor drum or stage disk is determined by the design and manufacturing feasibilities and parameters of the working fluid, the maximum capacities of turbine flow sections are analyzed for the following rotors: all-forged austenitic steel rotor, 0.83 m in diameter; drum-type pearlitic steel rotor, 1.0 m; disk-type pearlitic steel rotors, 1.2 m and 1.45 m. A formula for calculating the bending stresses of the turbine blade is developed. Bending stresses are taken at 20% of the total permissible stresses. An equation is suggested for determining which stage (the first or the last) limits the turbine capacity insofar as force stresses are concerned. A relationship between bending

Card 1/2

BATISHCHEV, Ya.

Inspector and assistant. Sov. shakht. 11 no.9:33 S '62.
(MIRA 15:9)

1. Predsedatel' komissii obshchestvennogo kontrolya Rostovskogo oblastnogo soveta profsoyuzov za rabotoy otdela rabochego snabzheniya tresta Nesvetayantratsit, g. Novoshakhtinsk.
(Food supply)

245300 57616 SOV/124-59-4-3952

Translation from: Referativnyy zhurnal. Mekhanika, 1959, Nr 4, p 82-83 (USSR)

AUTHOR: Batishchev, Ya.F.

TITLE: Investigation of Wall-to-Air Heat Transfer in a Pipe With an Insert of Steel Balls. Comparison of Heat Transfer in Pipes With an Insert and in Smooth Canals Without an Insert. The General Case of Heat Transfer in Canals

PERIODICAL: Tr. Novocherk. politekhn. in-ta, 1957, Vol 70/84, pp 33-43, 65-69, 71-78.

ABSTRACT: The author carries out an experimental determination of the mean heat-transfer coefficient when air is heated in a circular pipe filled with an insert of spherical steel balls. The diameter of the pipe was D = 31.5 mm, the length of the test section was L = 518 mm, the ratio D/d of the pipe diameter to the diameter of the insert balls varied from 2.2 to 12.84, the Reynolds criterion R varied from 7.62 to 10,600. On the basis of the criterion treatment of the experimental data, the dependences are obtained in the form $N_D = c \left(\frac{D}{d}\right)^m \bar{R}_d^{\,n}$

Card 1/2

BATISHCHEV, Ya.F., Cand Tech Sci -- (diss) "Study of heat transmission from the wall to gases in capped tubes [redacted]." Mos, 1958, 21 pp with drawings (Min of Higher Education USSR. Mos Inst of Chemical Machine Building) 165 copies (KL, 29-58, 131)

ACCESSION NR: AT4038882 S/2884/60/106/000/0043/0047

AUTHOR: Meyerovich, Sh. S.; Batishchev, Ya. F.

TITLE: Heat conductivity of carborundum

SOURCE: Novocherkassk. Politekhnicheskiy institut. Trudy*, v. 106, 1960. Teplotekhnika i gidravlika (Heat engineering and hydraulics), 43-47

TOPIC TAGS: carborundum refractory, heat conductivity, conductivity calculation, conductivity measurement

ABSTRACT: The temperature dependence in the 0—1000C range of heat conductivity of commercial carborundum has been measured because of contradictory data in the literature. The measurements were based on the principle of the steady flow of heat through a plate. Experimental equipment is described which was designed by the Leningrad Scientific Research Institute of Refractories. The experimental plot of heat conductivity vs temperature is shown to

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ACCESSION NR: AT4038883 S/2884/60/106/000/0049/0057

AUTHOR: Batishchev, Ya. F.

TITLE: The relation between heat emission and resistance to forced flow in channels with inert packing

SOURCE: Novocherkassk. Politekhnicheskiy institut. Trudy*, v. 106, 1960. Teplotekhnika i gidravlika (Heat engineering and hydraulics), 49-57

TOPIC TAGS: heat emission, heat technology, hydraulics, forced flow, flow resistance, inert packing

ABSTRACT: Although the relationship between heat emission and resistance in packed channels has not yet been definitely established, the determination of this relationship would be most useful in explaining the physical nature of both heat emission and hydraulic resistance, as well as in developing operational methods for the monitoring and control of heat emission in packed systems. The central problem in this regard is the establishment of the relationship between heat emission and forced-flow resistance in inertly packed channels. An attempt has been made in the present article to outline the proper path to this end. By considering the relationship as an internal problem and using the method of physical analogy, the author derives the fundamental relationship between heat

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ACCESSION NR: AT4038883

emission and resistance. He then demonstrates the method used in finding the form of this relationship on the basis of an example involving a stream of air in a tube with ball packing, with the resultant law confirming the correctness of the technique selected. The fundamental relation between heat emission and resistance is given by:

$$K = \frac{Nu}{\xi} = f(Z, Re). \qquad (1)$$

The experimental rig used to determine the form of equation (1) is described in the article and a basic diagram is given. A steel tube 31.5 mm in diameter and 518 mm in length, filled with steel packing balls was used. Two hundred experiments were run on the model. Each experiment was conducted under stationary conditions, the advent of which was determined by the stabilization of the readings of test and measurement units in time. The packing of the balls in the tube was continuous. A table is given showing the results of a part of the measurements run on the test rig. The test data were then processed in the form of Equation 1, with the following selected as the determining dimensions: for the channel - the diameter of the tube, and for the packing element - the diameter of the ball. The results of this processing are shown, in their entirety, in the logarithmic graph (See Figure 1 of the Enclosure), from which it is clear

Card 2/5

that the existence of the fundamental relationship (Equation 1) is experimentally confirmed. The concrete form of this relationship may also be easily determined on the basis of the data in the Figure. In fact, it is clear that over the entire test range the experimental points may be satisfactorily generalized in terms of families of mutually-parallel straight lines in three regions divided by lines H and B. The equations for these families have the following form: The first region (below line B in the Figure)

$$\frac{Nu}{\xi} = 2{,}5 \cdot 10^{-6} Z^{-3} Re^{3} \quad (2)$$

The second region (between lines B and H)

$$\frac{Nu'}{\xi} = 6{,}2 \cdot 10^{-5} Z^{-1.7} Re^{1.5} \quad (3)$$

The third region (above line H)

$$\frac{Nu}{\xi} = 4{,}5 \cdot 10^{-3} Z^{-1.6} Re^{1.0} \quad (4)$$

ACCESSION NR: AT4038883

Graphs are presented to show that the accuracy of these three generalized equations is quite high. In fact, a detailed analysis of distortions has shown that the mean-square errors of the equations lie well within the accuracy limits of the experiments conducted and are: for the first region ±6%; for the second region ±8%; for the third region ±4%. Orig. art. has: 2 tables, 5 figures and 10 formulas.

ASSOCIATION: Novocherkasskiy politekhnicheskiy institut (Novocherkassk Polytechnic Institute)

SUBMITTED: 00 DATE ACQ: 16Jun64 ENCL: 01

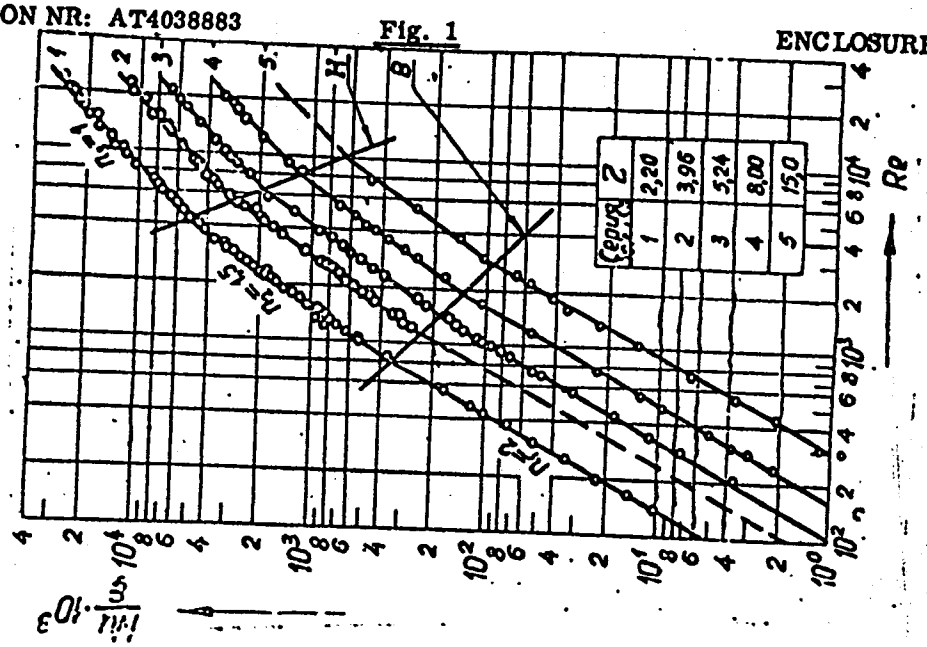
SUB CODE: ME NO REF SOV: 002 OTHER: 001

Card 4/5

ACCESSION NR: AT4038883

Fig. 1

ENCLOSURE: 01



Card 5/5

AKROV, M.E.; BATISHCHEV, Ya.F.

[redacted]

Wall heat-transfer coefficient in tubes with a granular bed.
Kin. i kat. 1 no. 3:478-482 S-O '60. (MIRA 13:11)

1. Nauchno-issledovatel'skiy institut sinteticheskikh spirtov i Politekhnicheskiy institut, Novocherkassk.
(Heat--Transmission)

BATISHCHEV-TARASOV, S. P. DECEASED 1962/7

c. 1961

MINING

see ILC

BATISHCHEVA, L.I.

Determining oil content. Masl.-zhir. prom. 23 no.3:39 '57.
(MLRA 10:4)

1. Novosibirskiy maslosavod.
(Oilseeds)

RATISHCHEVA, M. G.

Batishcheva, M. G., Grauerman, L. A., Karantsevich, L. G., Mironova, A. N. and Papov, K. S. Application of the methods of molecular spectral analysis to the investigation of fats. Page 458 - 465.

Scient. Research Inst. of
Physics of the A. A.
Zhdanov Leningrad State
Uni. and The All Union Scient.
Research Inst. of Fats.

SO: Bulletin of the academy of Sciences, Izvestia, (USSR) Vol. 14, No. 4. (1950) Series on Physics.

BATISHCHEVA, M.G.

5

USSR.

The spectral absorption of aliphatic acid and their esters in the infrared region. M. G. Batishcheva and A. N. Rikovskaya. *Vestnik Leningrad. Univ.* 5, No. 8, 98-105(1950).—An attempt was made to establish qual. and quant. methods for the analysis of the fatty-acid and ester content of high-mol. fats, oils, and drying oils, both synthetic and natural. For the most part studies were made in the near-infrared regions (C—H and O—H bands) because of tech. accessibility. Measurements were made in CCl_4 by using a spectrometer with LiF prism. The acids were subdivided into 4 groups depending on their unsatn.: $C_nH_{2n}O_2$ (e.g. stearic), $C_nH_{2n-2}O_2$ (e.g. oleic), $C_nH_{2n-4}O_2$ (e.g. linoleic), $C_nH_{2n-6}O_2$ (e.g. linolenic). Spectra in the 3000-cm.$^{-1}$ region are given for lauric acid, stearic acid, oleic acid, methyl linoleate, trilaurin, glycerol, cottonseed oil, and sunflower oil. The position of the absorption band of the C=C group depends on the distribution of the C=C bonds in the mol. The band at exactly 3000 cm.$^{-1}$ corresponds to absorption of the

=C—H group, unconjugated. That band was utilized to establish qual. and quant. analytic methods for studying the amt. of unsatn. in specific acids and esters as well as the general amt. of unsatn. in complicated mixts. of the latter. For instance, the spectrum of cottonseed oil shows that it contains an ester of a satd. acid, an unsatd. acid with one and two double bonds, as well as a comparatively great no. of C=C bonds. The rapidity of this type of analysis makes it ideal for the study of hydrogenation, oxidation, and polymerization. A curve is given showing a spectral study of the hydrogenation of an unsatd. oil with spectra taken at 10-min. intervals. Through investigation of the 2.8- and 5.8-μ regions it was found that oxidation affects a greater no. of C=C bonds than polymerization. Also, the inten-

sities of the C=O and O—H bands in polymerised oils are weaker than in pure and oxidized oils. In addn., a study was made on the effects of prolonged exposure of aliphatic acids to ultraviolet light. The spectra of the exposed material indicates the formation of peroxides. R. D. K.

The infrared spectra of chelate compounds. I. Systems of keto-enol type. L. J. Bellamy and L. Beecher (Chem. Inspectorate, Ministry Supply, Kidbrooke, London). *J. Chem. Soc.* 1954, 4487–90.—Infrared studies on keto-enol systems indicate that the grouping RCOCH:CROH forms a resonance-stabilized intramol. H bond of considerable strength. The CO frequencies of β-dicarbonyl compds., involved in conjugated chelation, and ortho-hydroxy aromatic carbonyl compds. are linearly related to the double-bond character of the enol or ring double bond. The CO-frequencies of chelated esters and acids show a similar relation. II. Metal chelate compounds of β-diketones and of salicylaldehyde. L. J. Bellamy and R. F. Branch. *Ibid.* 4491–4.—The CO absorptions (2 peaks at 1550–1600 and 1280–1300 cm.$^{-1}$) of metal chelate compds. of β-diketones are not wholly dependent on the double-bond strength of the enol, and no direct relation could be traced between these frequencies and the stabilities of Cu complexes with various ligands. A linear relation does exist for chelate compds. of salicylaldehyde (single peak at 1585–1081) with different bivalent metals. The CO frequencies for acetylacetone chelate compds. are nearly the same for all metals.

Robert S. Rouse

BATISHCHEVA, M.G.

Structure of bands of associated OH-molecules of some alcohols [with summary in English]. Inzh.-fiz.zhur. no.1:101-104 Ja '59. (MIRA 12:1)

1. Leningradskiy ordena Lenina universitet im. A.A.Zhdanova, Leningrad.

(Spectrum, Molecular) (Alcohols)

SOV/170-59-5-15/18

24(4)

AUTHOR: Batishcheva, M.G.

TITLE: Spectroscopic Investigation of an OH Monomer Group of Pure Alcohols in Infrared Region (Spektroskopicheskoye issledovaniye monomernoy gruppy OH chistykh spirtov v infrakrasnoy oblasti)

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1959, Nr 5, pp 107-109 (USSR)

ABSTRACT: The author investigated absorption spectra of some pure high-molecular and low-molecular alcohols in the region of the first overtone of OH vibrations. The spectral curves of alcohols studied are presented in Figures 1 and 2, in which wave numbers are plotted versus optical densities. It is seen on the curves, that the monomer OH-band is distinctly observed in the first overtone of valency vibration for the whole group of pure alcohols and some alcohol solutions. For six pure alcohols, absorption spectra were obtained also in the region of the fundamental tone of valency vibrations. A comparison of these frequencies with those of monomer bands in the region of the first overtone makes it possible to determine the values of anharmonicity coefficient for these alcohols which are given in Table 2. A displacement of 30 cm^{-1} of the monomer band of the alcohol $C_{14}H_{29}OH$ toward lower frequencies in respect to

Card 1/2

BATISHCHEVA, R.I.

Our studies on the animal world of the Darwin State Preserve. Sbor. stud. nauch. rab. Nauch. stud. ob-va IAr. gos. ped. inst. no.3:111-116 '59. (MIRA 14:7)

1. Nauchnyy rukovoditel' dotsent A.A. Kulemin.
(Darwin Preserve--Zoological research)

S/137/61/000/006/052/092
A006/A101

AUTHORS: Batist, A.I., Zhdanov, S.A., El'bert, S.M.

TITLE: Development and assimilation of a technology for manufacturing capillary "10" grade steel tubes of 1.0 x 0.1 mm dimension

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 6, 1961, 37, abstract 6D302 ("Byul. nauchno-tekhn. inform. Ukr. n.-i. trubn. in-t", 1959, no. 6 - 7, 209 - 215)

TEXT: Drawing of tubes with a hollow head (jug - "kuvshintchik") is performed by 7 passes: 4 passes on a long mandrel, and 3 passes without a mandrel. The mean coefficient of extrusion during drawing on a long mandrel was 2.00 and 1.38 without a mandrel. It was established that the formation of "pinchers" during mandrelless drawing was caused not so much by high deformation as by the conditions of the rolls and the quality of burnishing the tubes. To eliminate obstruction in the tubes, they were blown through with compressed air after the last annealing process.

V. Pospekhov

[Abstracter's note: Complete translation]

Card 1/1

FINKEL'SKTEYN, Ya.S.; GLADKOVSKIY, V.A.; BATIST, G.S.

Heat-treatment hardening of pipe manufactured by the furnace welding method. Metalloved. i term. obr. met. no.3:33-35 Mr '63. (MIRA 16:3)
(Pipe, Steel—Welding) (Steel—Hardening)

L 57535-65 EWT(m)/EWA(d)/EWP(v)/T/ EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c)
PT-4 MJW/JD/HM/HW

ACCESSION NR: AR5015179 UR/0137/65/000/005/D037/D037

40
B

SOURCE: Ref. zh. Metallurgiya, Abs. 5D223

AUTHOR: Batist, U. I.; Grinberg, S. A.; Klekovkina, N. F.

TITLE: Cold drawing of electrowelded stainless tubes

CITED SOURCE: Sb. Proiz-vo svarn. i bessbovn. trub. Vyp. 1. M., Metallurgiya, 1964, 67-73

TOPIC TAGS: metal tube, stainless steel, cold drawing, drawing, weld seam, electrowelding, metal deformation, heat treatment, thin tube/ Kh18N10T stainless steel

TRANSLATION: The article describes an experimental investigation of the process of drawing welded stainless tubes made of Kh18N10T with dimensions of 2 x 38, 2 x 51, and 2.5 x 38 mm. It presents different conditions for drawing tubes. A study was made of the effect of deformation and heat treatment on the structure of the welded seam. Conditions for heat treatment of tubes are considered. On the basis of the investigation, the engineering economics for production of thin walled tubes are worked out. A. Leont'yev.

Card 1/1 SUB CODE: MM, IE ENCL: 00

BATIST, V.I., inzh.; KHUDYAKOVA, R.M., inzh.

"Light streak" in furnace welded pipe seams. Svar. proizv. no.3: 12-14 Mr '64. (MIRA 18:9)

1. UralNITI.

KUZNETSOV, B.N., inzh.; BATIST, U.I., inzh.; ZUBAREVA, V.A., inzh.; MALKOVA, R.K., inzh.

Pipe for the petroleum refining industry. Stal' 25 no.5:446-447 My '65. (MIRA 18:6)

L 42037-66 EWT(m)/T/EWP(t)/ETI/EWP(k) LJP(c) JD/HW/DJ

ACC NR: AR6005804 SOURCE CODE: UR/0137/65/000/010/D030/D030

AUTHOR: Kuznetsov, B. N.; Batist, U. I.; Zubareva, V. A.; Malkova, R. K.; Vovsina, A. D.

TITLE: Development of production technology for tubes of OKh13 and 1Kh13 steels for the petroleum refining industry

SOURCE: Ref. zh. Metallurgiya, Abs. 10D222

REF SOURCE: Sb. Proizv. svarn. i besshovn. trub. Vyp. 3. M., Metallurgiya, 1965, 110-115

TOPIC TAGS: petroleum refinery equipment, chromium steel, metal tube, metal rolling, corrosion resistance / OKh13 steel, 1Kh13 steel

ABSTRACT: The steels OKh13 and 1Kh13, when performing at elevated temperatures and in sulfur-containing media, display a corrosion resistance that is three times as high as that of Kh5M steel. The flowsheet of production of tubes of OKh13 and 1Kh13 steels is as follows: hot rolling-warm rolling-hot rolling. The regimes of the hot, warm and cold rolling of tubes as well as of the chemical treatment of warm- and cold-rolled tubes and of the heat treatment of tubes in the intermediate and finished sizes are worked out. 7 illustrations, 4 tables. L. Kochenova. [Translation of abstract]

SUB CODE: 13, 11

Card 1/1 af

UDC: 621.774.35

BATISTA, Marko, dipl. inz. strojnistva

Diagrams of hydraullic computation bases. Stroj vest 10 no.6: 192-196 D '64.

1. "Litostroj" Tito's Works, Ljubljana.

BATISTIC, B.

Sacrosporidiosis in some animals and in man on the territory of Bosnia and Hercegovina. Bul sc Youg 7 no.6:174-175 D '62.

1. Zavod za parazitologiju i Zavod za patolosku anatomiju, Veterinarski fakultet, Sarajevo.

BATI[illegible]Yu.Yu., uchitel' geografii

Tests on outline maps in evening schools. Geog. v shkole 25 no.4:58-60 Jl-Ag '62. (MIRA 15:8)

1. 84-ya vechernyaya shkola Leningrada.
(Geography--Study and teaching)

BATIY, Yu.Yu.

Practice of Lipetsk Province schools helped us to change to measuring the knowledge on every topic. Geog. v shkole 25 no.6:50-53 N-D '62. (MIRA 15:12)

1. 84-ya vechernyaya shkola Leningrada.
(Geography—Study and teaching)

BATIY, Yu.Yu.

Use of outline maps during oral quizzes. Geog. v shkole 26 no.4:51 Jl-Ag '63. (MIRA 17:1)

1. '4-ya vechernyaya shkola Leningrada.

BATIYENKO, S. Ya.

21800 BATIYENKO, S. Ya. Batareynyy sposob lit'ya umyval'nykh stolov. Steklo i keramika, 1949, No. 5, s. 16-17.

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949

1. BATIYENKO, S.YA., KOZLOV, S.YA., CHERNYAK, N.

2. USSR (600)

4. Hollow Brick, Tile, Etc.

7. Hollow ceramic blocks made from clays of the Moscow region, S.YA. Batiyenko, S.YA. Kozlov, YA. N. Chernyak, Biul.stroi.tekh. 10 no. 8, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

BATIYENKO, S.Ya., inzhener; KOZLOV, S.Ya., inzhener; CHERNYAK, Ya.E., kandidat tekhnicheskikh nauk.

Decorative ceramic brick for wall construction. Gor.khoz.Mosk. 27 no.12:29-30 D '53. (MLRA 6:12)
(Bricks) (Walls)

KIBARDIN, E.A., inzh.; BATIYENKO, S.Ya., inzh.

Two-layer ceramic facing products made by the method of guniting.
Stroi.mat. 6 no.5:21-23 My '60. (MIRA 13:7)
(Gunite) (Ceramics)

BATIYEVA, I. D.

USSR/Geology - Ore Deposits
Thorium Ore
Rare Earths

1 May 1947

"A New Lode of 'Stenstrupin' in the Lovozero Tundras," A. A. Chumakov, I. V. Bel'kov, I. D. Batiyeva, 4 pp

"Dok Akad Nauk USSR Nov Ser" Vol LVI, No 4

'Stenstrupin' is described as a thoro-titano-silicate hydrate of rare earths and manganese. It is known only in southern Greenland and the above area.

PA 1T88

BATIYEVA, I.D.; BEL'KOV, I.V.

Problem of the genesis of accessory minerals in granite. (In: Akademiia nauk SSSR. Voprosy petrografii i mineralogii. Moskva, 1953. Vol. 1, p.167-178) (MLRA 7:4)

(Mineralogy) (Granite)

BATIYEVA, I.D.; BEL'KOV, I.V.

The Sakharyok alkali massif. Izv. Kar. i Kol'. fil. AN SSSR no.2: 40-46 '58. (MIRA 11:9)

1.Geologicheskiy institut Kol'skogo filiala AN SSSR.
(Sakharyok Valley--Syenite)

BATIYEVA, I.D.; BEL'KOV, I.V.

Basal conglomerates of the Keyvy sedimentary and metamorphic series in the western Keyvy region. Izv.Kar. i Kol'.fil.AN SSSR no.4:48-53 '58. (MIRA 12:5)

1. Institut geologii Kol'skogo filiala AN SSSR.
(Keyvy Upland--Conglomerate)

BATIYEVA, I.D.; BEL'KOV, I.V.

Indications of primary sedimentary orgin of crystalline schists and gneisses of the Keyvy Upland. Vop. geol. i min. Kol'. poluos. no.3:219-233 '60. (MIRA 13:9)
(Keyvy Upland--Schists)

BATIYEVA, I.D.; BERGMAN, I.A.

Quantitative mineral composition of alkali granites of the western Keyvy Upland. Mat. po min. Kol'. poluost. 2:143-148 '62. (MIRA 16:4)

(Keyvy Upland--Granite--Analysis)

BATIYEVA, I.D.

Augite- and picrite-porphyrites in the western Keyvy Upland region of the Kola Peninsula. Mat. po min. Kol'. poluost. 3:200-203 '62. (MIRA 17:3)

BATIYEVSKAYA-SHAFRANOVA, V.P. (Krasnodar, ul. Sedina, 60, kv.1)

Clinical aspects, treatment and outcome of jaw fractures in children. Vest. khir. 92 no.1:95-97 Ja '64. (MIRA 17:11)

1. Iz stomatologicheskoy kliniki (zav. - dotsent V.A. Kiselev) Kubanskogo meditsinskogo instituta (rektor - dotsent V.A. Latyshev, nauchnyy rukovoditel' prof. Yu.I. Bernadskiy).

L 4432-66 EPA/EPA(s)-2/EWT(m)/EPF(c)/EWA(c) WW/JWD/GS

ACC NR: AT5027202 SOURCE CODE: UR/0000/65/000/000/0168/0175

AUTHOR: Batiyevskiy, A. L.; Mosse, A. B.; Tarasevich, L. I.

ORG: none

TITLE: Nonsteady-state powder combustion under the action of pressure pulses

SOURCE: AN BSSR. Institut teplo- i massoobmena. Teplo- i massoobmen tel s okruzhayushchey gazovoy sredoy (Heat and mass exchange of bodies with the surrounding gaseous medium). Minsk, Nauka i Tekhnika, 1965, 168-175

TOPIC TAGS: solid propellant, combustion, nonsteady state combustion, combustion instability

ABSTRACT: An analysis was made of the nonsteady-state combustion of solid propellants induced by rectangular or triangular pressure pulses. Combustion of a semi-infinite charge was analyzed on the basis of the Zel'dovich theory of powder combustion. The nonlinear equations of heat conduction were solved through the use of integral relationships. As a result, a diagram was obtained which shows the regions of flame extinction as a function of the intensity and duration of the pressure pulses. The optimum condition for extinction exists when the duration of the pressure pulse is of the same order of magnitude as the thermal relaxation time of the heated propellant layer. With very short pressure pulses, the theoretical results do not correspond to the experimental results because the processes in the

Card 1/2 UDC: 536.46+532.501.32

L 4432-66
ACC NR: AT5027202

gas and condensed phases are not quasi-steady state as assumed in the analysis. [PV]
Orig. art. has: 20 formulas and 3 figures.

SUB CODE: FP / SUBM DATE: 02Jul65/ ORIG REF: 006/ OTH REF: 009/ ATD PRESS: 4125

Card 2/2

L 31315-66 EWP(m)/EWP(n)-2/EWT(l)/EWT(m)/ETC(f)/EWG(m)/T/EWA(d)/EWA(l)/EWP(e)/
ACC NR: AT5027202 SOURCE CODE: UR/0000/65/000/000/0168/0175
EWP(t) RM/WW/JW/JWD/WE/JD

AUTHOR: Batiyevskiy, A. L.; Mosse, A. L.; Tarasevich, L. I. 30 B+1

ORG: none

TITLE: Convective heat and mass transfer in combustion of chemically active substances in the boundary layer on a porous surface

SOURCE: AN BSSR. Institut teplo- i massoobmena. Teplo- i massoobmen tel s okruzhayushchey gazovoy sredoy (Heat and mass exchange of bodies with the surrounding gaseous medium). Minsk, Nauka i Tekhnika, 1965, 168-175

TOPIC TAGS: combustion, heat transfer, cooling, transpiration cooling, combustion chamber, aerodynamic boundary layer

ABSTRACT: Thermal protection of walls by injection of a liquid or gaseous coolant through the porous wall was analyzed on the basis of experimental data obtained previously by N. G. Kulgein (Journal of Fluid Mechanics, 13, 3, 1962) with methane injected through the wall into an air stream. In the present article, methane, oxygen, and carbon dioxide concentration profiles in the boundary layer with and without combustion were plotted. The validity of analytical solutions is discussed on the basis of a plot of the skin friction coefficient, Stanton number, and mass

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L 21930-66 EWP(c)/EWP(k)/EWP(h)/EWT(d)/T/EWP(l)/EWP(v)

ACC NR: AP6014626 SOURCE CODE: UR/0118/65/000/003/0005/0006

AUTHOR: Alalykin, G. S. (Engineer); Batiyevskiy, M. M. (Engineer)

ORG: none

TITLE: Automated weighing line for powdered substances

SOURCE: Mekhanizatsiya i avtomatizatsiya proizvodstva, no. 3, 1965, 5-6

TOPIC TAGS: automation equipment, pneumatic device, electric circuit/KEP-12U pneumatic device, DP-20 automation equipment

ABSTRACT: Several factories within the Soviet Union utilize automated weighing and mixing devices for the preparation of powdered substances used in the production of electrodes and wires. Here are utilized automatic weighing devices DP-20 produced by the Nizhnedneprovskiy zavod metalloizdeliy (Nizhnedneprovsk Factory of Metallic Products). The article describes the completed line which is controlled by an electropneumatic device KEP-12U, and which after selecting portions weighing between 3 and 20 kg mixes (using vibrating techniques) up to 11 components. According to certain programs, some components may require the addition of up to 8 consecutive portions. A detailed description of the electrical circuit of the control is also given. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 13, 09 / SUBM DATE: none

Card 1/1 nst UDC: 681.26.66.099.5.002.5

BATIYEVSKIY, P.A.

Use of diadynamotherapy in stomatology. Stomatologiia 42 no.2: 10-13 Mr-Ap'63 (MIRA 17:3)

1. Iz stomatologicheskoy kliniki (zaveduyushchiy - kand. med. nauk V.A.Kiselev) kafedry gospital'noy khirurgii (zaveduyushchiy - zasluzhennyy deyatel' nauki prof. G.N.Luk'yanov) Kubanskogo meditsinskogo instituta.

BATIZ, P.

That is not the way to select the best workers. p. 70. (Zeleznice, Praha, Vol. 4, no. 3, Mar. 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6, June 1955, Uncl

L 10417-66 EWT(d)/EWT(m)/EWP(w)/EWP(v)/EWP(j)/T/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(l) UR
ACC NR: AM5023882 EWA(c) BOOK EXPLOITATION
JD/WW/HW/EW/RM

Mikhalev, Ivan Ivanovich; Koloboya, Zoya Nikolayevna; Batizat, Viktor Panteleyevich

Technology of the bonding [cementing] of metals (Tekhnologiya skleivaniya metallov) 1965, 278 p. illus., biblio., Errata slip inserted. 9,550 copies printed.

TOPIC TAGS: adhesive, alloy, steel, bonding material, foam plastic synthetic material

PURPOSE AND COVERAGE: This monograph discusses the technology of bonding various metals to themselves and also to nonmetallic construction materials. Special features involved in devising the methods (a course of action) for the formation of adhesive joints, and the advisability of their use are considered. Principal attention is paid to the selection, preparation, application, heating, and also to the quality control of the starting material and of the resulting joints. The book is intended for the mechanical engineer.

TABLE OF CONTENTS [abridged]:

UDC:621.792

Card 1/2

L 10417-66

ACC NR: AM5023882

SUBMITTED: 15Apr65 SUB CODE: MT, MM NO REF SOV: 042

OTHER: 034

glued joints

QC

Card 2/2

BATIZFALVY, J.

Acute postoperative intestinal disorders. Orv. hetil. 94 no.30:813-823 28 July 1953. (CIML 25:1)

1. Doctor. 2. Obstetric and Gynecological Clinic (Director -- Prof. Dr. Janos Batizfalvy), Szegad Medical University.

BATIZFALVY, Janos, dr.

Identification and therapy of initial carcinoma of the cervix uteri. Orv. hetil. 96 no.36:981-991 4 Sept 55.

1. A Szegedi Orvostudomanyi Egyetem Szuleszetti es Nogyogyaszati Klinikajarol (igazgato: Batizfalvy Janos dr. egyet tanar) kozlemenye.
(CERVIX, UTERINE, neoplasms, diag. & ther.)

BATIZFALVY, Janos, dr.

Ovarian actinomycosis. Orv. hetil. 96 no.5:137-139 30 Jan 55.

1. A Szegedi Orvostudomanyi Egyetem Szuleszeti es Nogyogyaszati Klinikajanak (Igazgato: Batizfalvy Janos dr. egyetemi tanar) kozlemenye.

(OVARIES, diseases,
actinomycosis)
(ACTINOMYCOSIS,
ovaries)

BATIZFALVY, Janos, dr.; BOROS, Imre, dr.

Therapy of bladder fistula. Magy. noorv. lap. 19 no.2:65-83 Mar 56

1. Kozlemeny a Szegedi Orvostudomanyi Egyetem Szuleszeti es Nogyogyaszati Klinikajarol (Igazgato: Batizfalvy Janos dr. egyetemi tanar)

(BLADDER, fistula
in women, surg.(Hun))
(FISTULA
bladder, in women, surg.(Hun))

BATIZFALVY, J., Prof.

Genital tuberculosis of the female, Ther. hung. 6 no.1:8-15 1958.

1. Department of Gynaecology and Obstetrics (Director: Prof. Janos Batizfalvy), Medical University of Szeged.
(TUBERCULOSIS, FEMALE GENITAL)

BATIZFALVY, Janos, dr.; PIUKOVICH, Istvan, dr.; FOLDES, Jozsef dr.; JAKOBOVITS, Antal, dr.

Experimental tuberculosis of the uterus in rabbits. Tuberkulosis 13 no.9:264-269 S '60.

1. A Szegedi Orvostudomanyi Egyetem Szuleszeti es Nogyogyaszati Klinikaja (igazgato: Batizfalvy Janos dr. egyetemi tanar) es Mikrobiologiai Intezete (igazgato: Ivanovics Gyorgy dr. egyetemi tanar) kozlemenye
(TUBERCULOSIS, FEMALE GENITAL exper.)
(UTERUS dis.)

BATIZI, Laszlo, dr.

"Historical atlas, 2d rev.ed." Reviewed by Dr. Laszlo Batizi. Foldr kozl 10 no.2:213-214 '62.

BATKA, I. AND OTHERS.

Development of technological structures of building enterprises in the county. p. 130. Vol. 4, No. 3, 1955. MAGAR EPITOIPAR. Budapest, Hungary.

SOURCE: East European List, (EEAL) Library of Congress Vol. 6, No, 1 January 1956.

BATKA, Michal, promovany matematik; VOCETKA, Jaroslav, promovany matematik

Technical calculation on the automatic computers Ural 1 and Ural 2.
Doprava no.10:346-347 '62.

BATKA, V.

"Glass vessel rectifiers (these were previously bought from foreign firms, now certain types are being manufactured in Czechoslovakia)."

SO: Elektrotechnik, Czechoslovakia, Vol. 9, No. 1, Jan. 1954 (Air, AA London, IR-755-54, 12 April 1954, Unclassified. [redacted] # D-13366)

BATKA, V.

"Glass switches." Elektrotechnik, Praha, Vol. 9, No. 2, Feb. 1954, p. 52.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

BATKA, V.

The most outstanding . p. 295.
(ELEKTROTECHNICKY OBZOR, vol. 44, no. 6, May 1955, Praha)

SO: Monthly List of East European Accession,(EEAL), LC, Vol. 4, No. 11, Nov. 1955, Uncl.

BATKA, V.

Batka, V. Electricity in mines. p.217

Vol. 10, no. 9, Sept. 1955 ELEKTROTECHNIK Praha, Czechoslovakia

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 2 February, 1956

BATKA, V.

Introduction of new technique increases labor productivity p. 345.
Czechoslovak-Soviet Friendship Month; our cooperation with Soviet technology. p. 346.

ELEKTROTECHNIK Vol. 10, No. 11, Nov. 1955

Czechoslovakia

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

BATKA, V., AND OTHERS.

BATKA, V., AND OTHERS. New elements in the construction of machine tools at the 2d Exhibit of the Machinery Industry in Brno. p. 383

Vol. 4, no. 9, Sept. 1956
STROJIRENSKA VYROBA
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

Batka, V.

On the threshold of the second Five Year Plan. p.1. ELEKTROTECHNICKY OBZOR. (Ministerstvo strojirenstvi a Ministerstvo paliv a energetiky) Praha. Vol.45, no. 1, Jan. 1956

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

Batka, V.

They were decorated. p. 272. ELEKTROTECHNICKY OBZOR.
(Ministerstvo strojirenstvi a Ministerstwo paliv a energetiky)
Praha. Vol. 45, no. 6, June 1956.

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

BATKA, V.

After the National Conference of the Party. p. 387.
(Elektrotechnicky Obzor, Vol. 45, no. 8, August 1956. Czechoslovakia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 6, June 1957. Uncl.

BATKA, V.

BATKA, V. Czechoslovak,Soviet Friendship M nth. p. 537

Vol. 45, No. 11, Nov. 1956
ELEKTROTECHNICKY OBZOR.
TECHNOLOGY
Praha, Czechoslovakia

so; East European Accessions, Vol. 6, No. 3, March 1957

BATKA, V.

BATKA, V. The impertance of a technical press. p. 1.

Vol. 46, no. 1, Jan 1957
ELEKTROTECHNICKY OBZOR
TECHNOLOGY
Czechoslovakia

Se: East European Accession, Vol. 6, No. 5, May 1957

BATKA, V.

Solution of the problems of the electric field by the method of electric pictures.

P. 230, (Elektrotechnicky Obzor) Vol. 46, no. 5, May 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

BATKA, V.; KVET, K.

Deserved distinction of electrical engineers. p. 283.

ELEKTROTECHNICKY OBZOR. (Ministerstvo tezkeho strojirenstvi a Ceskoslovenske vedecka technicka spolecnost pro elektrotechniku pri Ceskoslovenske akademii ved) Praha, Czechoslovakia
Vol. 48, no. 6, June 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959
Uncl.

BATKA, V.

For the fourteenth time. p. 565.

ELEKTROTECHNICKY OBZOR. (Minsterstvo tezkeho strojirenstvi a Ceskoslovenske vedecka technicka spolecnost pro elek trotechniku pri Ceskoslovenske akademii ved) Praha, Czechoslovakia. Vol. 48, no. 11, Nov. 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960.

Uncl.

BATKA, Vilem, inz., kandidat technickych ved

The 44th anniversary of the October Socialist Revolution. Mlynska obzor 50 no.11:605 N '61.

BATKA, V., inz., kandidat technickych ved.

Stable temperature keeping cables and electric conduits with butyl gum insulation. El tech obzor 51 no.1:41-42 Ja '62.

1. Ustav pro elektrotechniku, Ceskoalovenska akademie ved