S/073/63/029/003/005/009
A057/A126

AUTHOR: Kravets, V. P., Chervenyuk, G. I.

TITLE: On the condensation of 1-methyl-4-acetyl naphthalene with formaldehyde

PERIODICAL: Ukrainskiy khimicheskiy zhurnal, v. 29, no. 3, 1963, 318 - 321

TEXT: The present work was carried out in the Chernovitskiy gosudarstvennyy universitet (Chernovits State University) in continuation of a long time research program (ZhVKhO im. D. I. Mendeleyeva, v. 4, 1960, 479) on the condensation of aliphatic-aromatic ketones with formaldehyde, in which condensed aromatic radicals are the aryl groups. The condensation of 1-methyl-4-acetyl naphthalene (MAN) with formaldehyde is described for the first time. 0.14 mole(MAN), 100 ml 0.38 N alcoholic KOH solution, and 0.2 mole formaldehyde was stirred in a flask with reflux condenser at 60 - 65°C for about 40 min. After washing and purification a transparent, polydisperse yellowish resin was obtained with a melting point of 80 - 95°C. The resin was fractionated by precipitation from isobutanol and 6 fractions were obtained with different characteristics. The

On the condensation of...

lower fractions, containing OH-groups, show a lower melting point. The following observations were made by varying the conditions of the condensation: With the rise in concentration of formaldehyde and a decreasing quantity of the solvent the molecular weight and melting point of the resins decreases. The resin with the highest molecular weight was obtained by condensation at 60°C. The yield of the resin is little depending on the time of condensation, but the temperature of the falling-drop test rises. This indicates an increase of the molecular weight. The condensation occurs with a maximum rate at 40 - 60°C and KOH concentration in the alcoholic solution of 0.3 - 0.5 g.equiv/l. It was observed that only part of the carbonyl groups of the polymer enters into the compound with 2,4-dinitro-phenylhydrazine which is in agreement with corresponding literature data. The presence of a considerable number of OH-groups in the lower fractions of the polymer proves that the primary condensation process is the formation of methylol derivatives, which dehydrate forming vinyl derivatives. The latter polymerize to the polymer resins. From toluene solutions of the resins coatings with good adhesive properties to metal and glass were prepared.

On the condensation of...

S/073/63/029/003/005/009
A057/A126

ASSOCIATION: Chernovitskiy gosudarstvennyy universitet (Chernovits State University)

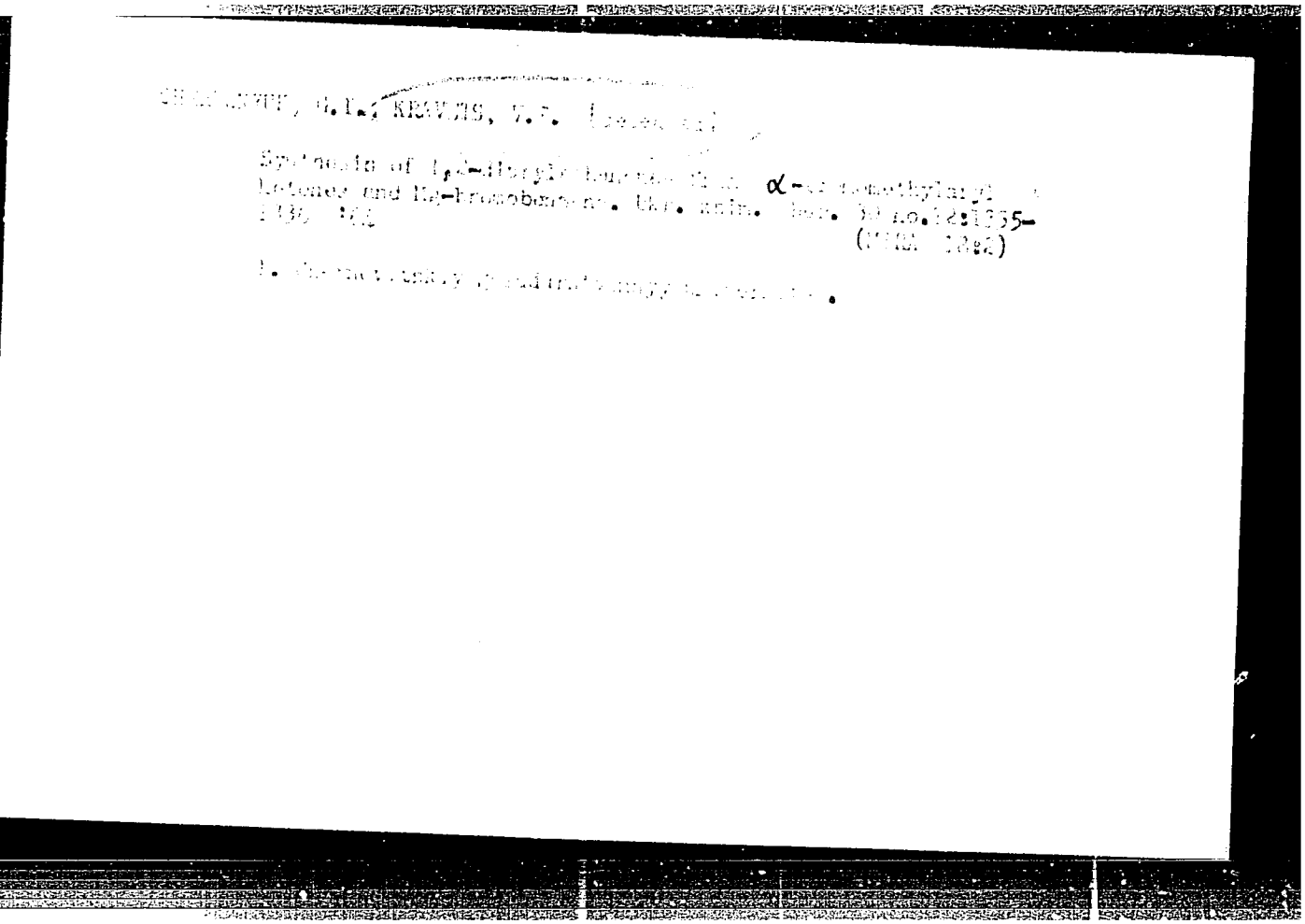
SUBMITTED: February 12, 1962

Card 3/3

KRAVETS, V.P.; CHERVENYUK, G.I.

Condensation of aliphatic-aromatic ketones with formaldehyde.
Zhur. prikl. khim. 36 no.5:1106-1112 My '63. (MIRA 16:8)

1. Chernovitskiy gosudarstvennyy universitet.
(Ketones) (Formaldehyde)
(Condensation products (Chemistry))



ROMANENKO, V.D. (Volgograd); KRAVETS, V.F., inzh. (Volgograd)

Overhead washing apparatus for box car cleaning. Zhel.dor.transp.44 no.12:72-73 D '62. (MIRA 15:12)

1. Glavnyy inzh. Volgogradskogo otdeleniya Privolzhskoy dorogi (for Romanenko).

(Railroads—Freight cars—Cleaning)

ROMANENKO, V.D., inzh.; KRAVETS, V.P., inzh.

Automation of the casting of lead seals. Zhel.dor.transp. 45 no.7: 81 Jl '63. (MIRA 16:9)
(Molding(Founding)) (Automatic control)

KHARSHAK, Ye.M., dotsent; YEDOSHCHENKO, Ye.A., kand.med.nauk (Kiyev)
ANDRUSHCHENKO, Ye.V., kand.med.nauk; KRAVETS, V.S., kand.med.nauk
(Kiyev); SPIROV, M.S., prof. (Kiyev); SLYUSAREV, A.A., dotsent;
SAMSONOV, A.V. (Donetsk)

Congresses, conferences, meetings. Vrach.delo no.9:151-153 S '62.
(MIRA 15:8)
(MEDICINE--CONGRESSES)

BAIARANOVA, T.F.; GALERKINA, S.G.; GRIBKOV, V.V.; DERVIZ, T.L.; KIRINA, T.I.; KRAVETS, V.S.; LIDER, V.A.; MESEZHNIKOV, M.S.; RABINOVICH, S.D.; UMOVA, L.A.

Mesozoic and Cenozoic facies of the western part of the West Siberian Plain. Trudy VNIGRI no.140:183-227 '59. (MIRA 13:6)
(West Siberian Plain--Geology, Stratigraphic)

KRAVETS, V.S.

Jurassic sediments in the Uvat-Tobol'sk area. Trudy VNIGRI no.140:110-119 '59. (MIRA 13:6)
(West Siberian Plain--Geology, Stratigraphic)

KRAVETS, V.V.

Adjustment of horizontal dislocations in a shot point while making seismic explorations by the correlation method of wave refraction. Dop. AN URSR no.5:471-474 '56. (MLRA 10:2)

1. Institut geologichnikh nauk Akademii nauk URSR. Predstavleno akademikom Akademii nauk USSR V.G. Bondarchukom.
(Prospecting--Geophysical methods)
(Seismic waves)

LEBEDEV, P.S.; KRAVETS', V.V.

P.T. Pasal's'kyi, outstanding scientist and geophysicist of the latter part of the 19th century. Geol.zhur. 16 no.2:78-79 '56. (MLRA 9:9)

(Pasal's'kyi, Pavel Tymofiiovych, 1871-1956)

KRAVETS, Valentin, Vasil'yevich [Kravets', V.V.]; SOLLOGUB, V.B., kand. geol.-min.nauk, otv.red.; MEL'NIK, G.F., red.izd-va.; SKLYAROVA, V.Ye. [Skliarova, V.IE.], tekhn.red.

[Using the high-frequency seismic prospecting method for studying the tectonics of the western part of the Ovruch Ridge] Zastosuvannia vysokochastotnoi seismichnoi rozvidky dlia vyvchennia tektoniky zakhidnoi okrainy Ovruts'koho masyvu. Kyiv, Vyd-vo Akad. nauk Ukr. URS., 1958. 31 p. (Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. [Trudy], Seriia geotektoniky i geofizyky, no.6) (MIRA 12:9)

(Ovruch Ridge--Geology, Structural) (Seismic waves)

KRAVETS, V. V. Cand Geol-Min Sci -- (diss) "Seismic studies of the tectonic structure of the ~~outlying~~ western ~~area~~ of the Ovruch massif." Kiev, 1956. 16 pp (Kiev State Univ im T. G. Shevchenko), 150 copies (KL, 36-58, 110)

AUTHOR: Kravets, V.V. SOV/21-58-11-17/28

TITLE: Some Formulae for Calculating the Amplitude Coefficient of Absorption of Refracted Waves in Crystalline Rocks (Nekotoryye formuly dlya vychisleniya amplitudnogo koeffitsiyenta pogloshcheniya prelomlennykh voln v kristallicheskikh porodakh)

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1958, Nr 11, pp 1225-1229 (USSR)

ABSTRACT: The role played by the amplitude coefficient of absorption in dynamics of elastic waves was dealt with by Yu.I. Vasil'yev, A.M. Yepinat'yeva, I.S. Berzon and Yu.V. Riznichenko [Ref 3, 4, 2, 5] as a means of interpreting the data of seismic surveys. The formulae, however, yield satisfactory results only when the value of the amplitude coefficient remains constant along the profile under investigation. The author discusses some analytical relations which make it possible to calculate the coefficient of absorption of the energy of an elastic impulse by the change in the observed values of the amplitudes of the soil displacement velocity He proposes two methods for calculating this amplitude coefficient from the amplitude graphs obtained as a result of

Card 1/2

Some Formulae for Calculating the Amplitude Coefficient of Absorption of Refracted Waves in Crystalline Rocks

analyzing seismograms. The first method makes use of two points of a graph, and the second makes use of the tangent to the curve of amplitudes. The application of the methods proposed to the analysis of seismograms obtained in high-frequency seismic surveys by the Institute of Geological Sciences yielded satisfactory results.
There are 2 graphs and 5 Soviet references.

ASSOCIATION: Institut geologicheskikh nauk AN UkrSSR (Institute of Geological Sciences of the AS UkrSSR)
PRESENTED: By Member of the AS UkrSSR, V.G. Bondarchuk
SUBMITTED: June 7, 1958
NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration.

LEBEDEV, T.S. [Lebedev, T.S.], kand. geol.-min. nauk; KRAVETS, V.V. [Kravets', V.V.], kand. geol.-min. nauk

Geophysical research in Hungary. Visnyk AN URSR 30 no.8:60-66 Ag '59. (MIRA 13:1)

(Hungary--Geophysics)

KRAVETS, V.V. [Kravets', V.V.]

Elastic properties of rocks of the sedimentary complex of the Chernigov main borehole. Dop.AN URSR no.11:1505-1508 '60. (MIRA 13:11)

1. Institut geologicheskikh nauk AN USSR. Predstavleno akademikom AN USSR V.G.Bondarchukom.
(Chernigov--Rocks, Sedimentary)
(Seismic prospecting)

28701
S/021/61/000/003/005/013
D274/D301

3.9300 (1019)
9.9865 (1327)

AUTHOR: Kravets', V.V.

TITLE: On the velocity of elastic oscillations and the anisotropy of metamorphic rocks

PERIODICAL: Akademiya nauk UkrSSR. Dopovidi, no. 3, 1961, 295-298

TEXT: A detailed knowledge of the velocity of elastic waves, characterizing the type of rocks, can be obtained by laboratory ultrasound investigations. Such work was carried out in 1959 by the seismological expedition of the Institute of Geological Sciences of the AS UkrSSR. The measurements were conducted by means of the series-produced device IKL-5 with a modified radio-circuit, which permitted generating strong pulses which penetrate the piezocrystal. As emitters and receivers, Rochelle-salt crystals served. Each specimen underwent 3 measurements: The first - normal to the stratification, and the other two - parallel to it. About 800 specimens

Card 1/3

On the velocity...

were measured. The relative error of each measurement did not exceed 6%. For some rocks, the velocity of the longitudinal waves turned out to be unequal. Other rocks yielded results which agreed well. A table shows the results of measurements, under the following headings, type of rock, thickness of layer, mean velocity, coefficient of anisotropy, ratio of wavelength to average size of base. For the majority of the rocks, given in the table, the velocity of the waves along the stratification is higher than that across the stratification. The difference is particularly great for ferrous quartzes and greatly modified amphibole shales. For such rocks, the coefficient of anisotropy reaches maximum value. Considerable anisotropy of martite-hematite rocks was noted, their coefficient of anisotropy reaching (on the average) the value 1.2; for some specimens, a much higher value is reached. Further, the coefficient of anisotropy of other types of rocks is analyzed. It can be assumed that the difference in velocity and anisotropy-coefficient for the same type of rock is due to structural differences. In seismological surveys, the change in the velocity of elastic

Card 2/3

On the velocity...

oscillations has to be taken into account as an indication of the deviation of the angles of stratified rocks from the vertical. Unbroken rock-massifs can be studied on the basis of data on elastic anisotropy of metamorphic rocks. The velocity of longitudinal waves in the specimens can be regarded, in the first approximation, as the velocity in the massif. There are 1 table and 1 Soviet-bloc reference.

ASSOCIATION: Instytut geologichnykh nauk (Institute of Geological Sciences) AS UkrSSR

PRESENTED: by Academician V.G. Bondarchuk, AS UkrSSR

SUBMITTED: October 20, 1960

Card 3/3

KRAVETS, V.V. [Kravets', V.V.]; KHARCHENKO, F.M.

Transient processes in the seismology of refracted waves. Dop. AN URSR no.11:1466-1470 '61. (MIRA 16:7)

1. Institut geofiziki AN UkrSSR. Predstavleno akademikom AN UkrSSR V.G.Bondarchukom [Bondarchuk, V.H.].
(Seismic prospecting)

S/021/61/000/012/010/011
D251/D305

AUTHORS: Kravets', V.V., and Kharchenko, F. M.

TITLE: An idealized model of the distribution of displacement amplitudes in a vertically laminar medium

PERIODICAL: Akademiya nauk Ukrayins'koyi RSR. Dopovidi, no. 12, 1961, 1597-1601

TEXT: On the basis of the asymptotic formula of A. M. Yepinat'yeva Ref. 2: Trudy In-ta fiziki Zemli AN SSSR, 6 (173), 39 (1959)) the authors construct a mathematical model for the distribution of the amplitudes of elastic oscillations in a vertically laminar medium. It is assumed that there are no transitional processes on the boundary. The following formula is derived for the amplitude in the case of n contacts

Card 1/ 3

An idealized model ...

$$A_n = \frac{k}{x^m\Big|_0^n\left(1-\frac{x_n}{x}\right)^{3/2}}\frac{\omega_0}{\omega_p}\frac{Q_0V_0}{Q_pV_p}\,||1+W_1|\ldots|1+W_p||\times$$
$$\times\left\{\exp\left[-\alpha_0 x\Big|_0^{x_1}\frac{\cos(i\pm\varphi)}{\cos i}\pm\alpha_{\text{scatt}}x\Big|_0^{x_1}\frac{\sin\varphi}{\cos i}\right]\ldots\right.$$
$$\left.\ldots\exp\left[-\alpha_p x\Big|_{n-1}^{n}\frac{\cos(i\mp\varphi)}{\cos i}\pm\alpha_{\text{scatt}}x\Big|_{n-1}^{n}\frac{\sin\varphi}{\cos i}\right]\right\}. \qquad (15)$$

and for A_1

$$A_1 = kd\,|1+W|\frac{\omega}{\omega_1}\frac{\rho V}{\rho_1 V_1}\exp\left[-\alpha x\Big|_0^{x_1}\frac{\cos(i\mp\varphi)}{\cos i}\pm\alpha_{\text{scatt}}x\Big|_0^{x_1}\frac{\sin\varphi}{\cos i}\right]\times$$
$$\ldots\times\exp\left[-\alpha_1 x\Big|_{x_1}^{\infty}\frac{\cos(i\mp\varphi)}{\cos i}\pm\alpha_{\text{scatt}}x\Big|_{x_1}^{\infty}\frac{\sin\varphi}{\cos i}\right]. \qquad (14)$$

Card 2/ 3

Here A_i are amplitudes, V is the velocity of expansion of the elastic deformation, m is the index of the divergence function, x is the current coordinate, p - the current number of the boundary and other terms are defined for Yepinat'yeva's formula or else in the work of L. M. Brekhovskikh (Ref. 3: Volny v sloistykh sredakh (Waves in Laminar Media), Izd-vo AN SSSR, 1957, p. 24). Examination of (14) shows that it is possible to use the formulae derived by this method to determine the elastic parameters of such media. There are 3 Soviet-bloc references.

ASSOCIATION: Instytut heofizyky AN URSR (Institute of Geophysics AS UkrSSR)

PRESENTED: by V. H. Bondarchuk, Academician AS UkrSSR

SUBMITTED: April 28, 1961

[illegible]

[illegible] gas [illegible] of the [illegible] field. Neft.
[illegible] (MIRA 18:8)

ACC NR: AT6032746 SOURCE CODE: UR/0000/66/000/000/0166/0177

AUTHOR: Kravets, V. V.; Myachkin, V. I.; Solov'yeva, R. P.

ORG: none

TITLE: Ultrasonic pulse investigations in the Krivoy Rog iron mines

SOURCE: AN SSSR. Institut fiziki Zemli. Geoakustika; ispol'zovaniye zvuka i ul'trazvuka v seysmologii, seysmorazvedke i gornom dele (Geoacoustics; the use of sound and ultrasound in seismology, seismic prospecting, and mining). Moscow, Izd-vo Nauka, 1966, 166-177

TOPIC TAGS: ultrasonic logging, acoustic logging, elastic wave propagation, seismic wave propagation, ultrasonic inspection, elastic wave, seismologic instrument

ABSTRACT: The results of the first attempts by the Institute of Physics of the Earth of the Academy of Sciences USSR and the Institute of Geophysics of the UkrSSR to use the ultrasonic pulse method in iron mines of the Krivoy Rog basin are described. Experiments were conducted to determine the physicomechanical parameters and the ore and the surrounding rock, to establish the dependence of elastic-wave velocity on the pressure in the ore blocks, and to test the method of observing changes in the state of the ore block during operations. The OP-55 mine seismoscope, the IKL-5 device, piezoelectric transducers, and the transport-

Card 1/2

ACC NR: AT6032746

able. IPA device were used in the tests. As a result of the tests, this method of determining elastic wave velocities in ore blocks as well as studying their dependence on external loading was further developed. Data was obtained on elastic-wave velocities in the ores and enclosing rocks, and the nature of velocity change near the walls of excavated surfaces was established. The power distribution characteristics of an explosion in the mine were analyzed. Orig. art. has 10 figures.

SUB CODE: 08,20/ SUBM DATE: 28Mar66/ ORIG REF: 006/ OTH REF: 002

Card 2/2

KRAVETS, T.P.

P.N.Lebedev and light pressure. Trudy Inst.ist.est.i tekh. 28:45-65 '59. (MIRA 13:5)
(Lebedev, Petr Nikolaevich, 1866-1912) (Light)

KRAVETS, Ya. [Kravets', IA.]

Airplane looks for treasures. Znan.ta pratsia no.6:8-9 Je '59. (MIRA 12:11)
(Aeronautics in geology)

KRAVETS, Ya.O.

Assembly line for boxes. Sakh.prom. 34 no.5:25-27 My '60.
(MIRA 14:5)

1. Cherkasskiy sakharo-rafinadnyy zavod.
(Cherkassy--Sugar industry--Equipment and supplies)

KRAVETS, Ya.O.

Mechanical washing of drying boards. Sakh.prom. 34 no.9:33-34 S '60. (MIRA 13:9)

1. Cherkasskiy refinadnyy zavod.
(Sugar--Drying)

LEONT'YEV, M.N.; prinimali uchastiye: BAKINA, K.V.; KISELEVA, O.M.; KRAVETS, Ye.A.; KARLOVA, S.A.; DUBNOVA, S.S.; SEMENYAKO, A.G.; ZAMORINA, Z.T.; MILANINA, Ye.F.; KOZEL'SKAYA, O.P.; VASIL'KOVA, Z.I.; ZOTOV, S.N.; YERMOLOV, A.I.; BEZLYUDNAYA, V.V.; NAZAROV, B.A.; ASHIKHMINA, V.M.; ASYAKINA, A.N.; TROITSKAYA, B.I.; SKVORTSOV, A.V., red.; LESHAKOV, I.T., tekhn. red.

[The economy of Orlov Province; a statistical manual] Narodnoe khoziaistvo Orlovskoi oblasti; statisticheskii sbornik. Orel, Gosstatizdat, 1960. 281 p. (MIRA 14:5)

1. Orel(Province) Statisticheskoye upravleniye. 2. Zamestitel' nachal'nika statisticheskogo upravleniya Orlovskoy oblasti (for Leont'yev). 3. Statisticheskoye upravleniye Orlovskoy oblasti (for all except Leshakov) 4. Nachal'nik statisticheskogo upravleniya Orlovskoy oblasti (for Skvortsov)
(Orlov Province—Statistics)

KRAVETS, Ye. M.; KUVENEVA, A. F.

"Osnovnye problemy izucheniya obshchestvennogo i semeynogo byta kolkhoznogo krest'yanstva Ukrainy."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences, Moscow, 3-10 Aug 64.

KRAVETS, Yuzef. Cand Tech Sci -- (diss) "Regulation of tension in unified power systems." Len, 1959. 15 pp (Min of Higher and Secondary Specialized Education RSFSR. Len Polytechnic Inst im M. I. Kalinin), 150 copies (KL,50-59, 127)

GRIBOV, A.N., kand.tekhn.nauk; KRAVETS, Yu., inzh.

Forced component of commutative overvoltages in long distance electric transmissions and ways of limiting it. Izv. vys.ucheb.zav.; energ. 2 no.11:13-25 N '59.
(MIRA 13:4)

1. Leningradskiy politekhnicheskiy institut imeni M.I. Kalinina. Predstavlena kafedroy tekhniki vysokogo napryazheniya.
(Electric lines)

L 25678-66 EWT(l)/EWA(h)
ACC NR: AM6013362 Monograph UR/

Kaplan, Aleksandr YEfimovich; Kravtsov, YUriy Aleksandrovich; Rylov, Vladimir Nikolayevich

Parametric oscillators and frequency dividers (Parametricheskiye generatory i deliteli chastoty) Moscow, Izd-vo "Sovetskoye radio", 1966. 333 p. illus., biblio. 11,500 copies printed.

TOPIC TAGS: parametric oscillator, frequency divider, semiconductor diode

PURPOSE AND COVERAGE: This book is intended for specialists in the fields of radiophysics and electronics, for scientific and technical personnel, and for aspirants and students in schools of higher education concerned with the problems of parametric generation and the theory of nonlinear reactive parameter systems. The book presents the theory of parametric oscillators and frequency dividers with a nonlinear semiconductor-diode capacitance. Various lumped parameter generation systems-oscillators with one degree of freedom and oscillators with numerous degrees of freedom, both with multiple and nonmultiple oscillation frequencies-are investigated. Part of paragraph 7 of chapter 1 was written by Yu. V. Grigor'yev and paragraphs

Card 1/4 UDC 621.373.93

7 and 8 of chapter 2 were written by K. K. Likharev. The authors express their gratitude to Professor M. Ye. Zhabotinskiy, Professor V. V. Migulin, Professor S. M. Rytov, Professor R. V. Khokhlov, Yu. Ye. D'yakov, S. A. Akhmanov, V. P. Botavin, L. L. Goryshnik, Ye. M. Gershenzon, V. V. Grigor'yan, L. M. Kuzovkov, Yu. V. Ponomarev, O. K. Slavinskiy, V. S. Tsarenkov and V. S. Etkin.

TABLE OF CONTENTS:

L 25678-66
ACC NR: AM60013862

SUB CODE: 09/ SUBM DATE: 03Jan66/ ORIG REF: 070/ OTH REF: 020

Card 4/4 clb

KRAVETS, Yu.M. [Kravets', IU.M.]; DANILKO, G.V. [Danylko, H.V.]

Anticorrosive protection of equipment in the sodium glutamate factories of the Chinese People's Republic. Khar.prom. no.2: 94-95 Ap-Je '62. (MIRA 15:9)

1. Ukrainskiy nauchno-issledovatel'skiy institut spirtovoy promyshlennosti.
(China--Corrosion and anticorrosives)

KRAVETS, Yu.M.

Heat capacity of methane distiller's beer. Ferm. i spirt. prom. 31 no.7:26-28 '65. (MIRA 18:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut spirtovoy i likero-vodochnoy promyshlennosti.

SKIRSTYMONSKIY, A.I.; KRAVETS, Yu.M.

Evaporation of methane distiller's wort in the production of vitamin B_{12}. Ferm. i spirt. prom. 31 no.6:29-30 '65. (MIRA 18:9)

1. Ukrainskiy nauchno-issledovatel'skiy institut spirtovoy i likero-vodochnoy promyshlennosti.

[redacted]

Development of the technology for the production of vitamin B_{12} from a concentrate from natural sources. Trudy [illegible] no.9:130-139 '64. (MIRA 17:10)

SKIRSTYMONSKIY, A.I.; KRAVETS, Yu.M.; KOTENKO, S.I.; ERLIKH, M.Ya.; NIKIFOROV, L.Ye.; BOYARSKAYA, G.V.

Experiment in industrial production of the fodder concentrate of vitamin B 12. Form.i spirt.prom. 31 no.1:29-31 '65. (MIRA 18:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut spirtovoy i likero-vodochnoy promyshlennosti (for Skirstymonskiy, Kravets, Kotenko). 2. Ivan'kovskiy spirtozavod (for Erlikh, Nikiforov, Boyarskaya).

ANTONOV, P.; KRAVETS, Z.

Multiple machining of parts. Prof.-tekh. obr. 18 no.2:17-21 F '61. (MIRA 14:3)

(Metal cutting—Study and teaching)

KRAVETS, Zyama Isaakovich, inzh.; TROFIMOV, Sergey L'vovich, inzh.; FIL'KOV, Nikolay Iosifovich, inzh.; KHUTORYANSKIY, N.M., red.; BOBROVA, Ye.N., tekhn.red.

[Repair of air compressors of locomotives] Remont vozduhoduvok teplovozov. Moskva, Gos.transp.zhel-dor.izd-vo, 1957. 50 p. (MIRA 10:12)
(Air compressors--Maintenance and repair)

KRAVETS, Z.I., inzh.

Basic equations of the gas exchange process in four-cycle diesel engine operating under supercharging and counterpressure at exhaust. Trudy MIIT no.130:122-127 '60. (MIRA 14:3)
(Diesel engines)

KRIVETS, Z.I., inzh.; MAKHAN'KO, M.G., kand.tekhn.nauk

Analytical study of the scavenging and filling of a four-cycle gas turbine supercharged engine. Trudy MIIT no.130:128-135 '60. (MIRA 14:3)

(Diesel engines)

KRAVETS, Z. I., Cand Tech Sci, "Improvement of the ~~operation~~ of a locomotive diesel engine under partial loads or idle ~~run~~." Leningrad, 1961. (~~MPS SSSR~~ [Min of Railways USSR], Leningrad Order of Lenin Inst of Engineers of Railroad Transport im Acad V. N. Obraztsov). (KL, 3-61, 216).

MAKHAN'KO, M.G., kand.tekhn.nauk; KRAVETS, Z.I., inzh.

Studying the gas exchange process in a four-stroke diesel engine by means of the analogy method. Trudy MIIT no.141: 61-68 '61. (MIRA 15:2)
(Diesel engines--Electromechanical analogies)
(Gases--Thermal properties)

PANOV, N.I., prof.; TRET'YAKOV, A.P., dotsent; KRAVETS, Z.I., kand. tekhn.nauk; KOROLEV, N.I., inzh.

Studying the cooling system of the TGK diesel locomotive. Trudy MIIT no.151:65-74 '62. (MIRA 16:2)
(Diesel locomotives--Cooling)

PANIV, N.I., prof.; TRET'YAKOV, A.P., dotsent; KRAVETS, Z.I., kand. tekhn. nauk

Investigating the shortened standard sections of the cooler for the TFK2 switch diesel locomotive. Trudy MIIT no.169:16-27 '63. (MIRA 17:6)

MAKHAN'KO, M.G., dotsent; TIKT'YEKOV, A.I., dotsent; K[illegible], [illegible]., kand. tekhn. nauk

Analyzing the external coefficient of heat transfer by the corrugated surface of diesel locomotive coolers. Trudy M.IT no.169:81-92 '63. (MIRA 17:6)

KRAVETS, Z.I., kand. tekhn. nauk

Pressure charging of diesel locomotive engines. Trudy MIIT no. 169:93-105 '63. (MIRA 17:6)

KRAVETSKIY- G. A.

AUTHORS: Guzov, S.G., and Kravetskiy, G.A., Engineers 135-58-5-12/17

TITLE: Oxygen-Cutting Without Burrs (Kislorodnaya rezka bez grata)

PERIODICAL: Svarochnoye Proizvodstvo, 1958, Nr 5, pp 36-39 (USSR)

ABSTRACT: Practical recommendations are given on how to eliminate the formation of burrs in oxygen-cutting of 5 to 100 mm thick low-carbon steel and how to make a burr readily removable without the common chipping. The recommendations concern the proportion of oxygen and acetylene, the nozzle diameter, the gas pressure, the cutting speed, the attack angle of the gas jet, and the condition of the surface of the cut metal. It was revealed in investigations that scale and rust on the surface prevent the fusion of the burr to the surface. In certain cases it can be practicable to cover the bottom side of the sheet with insulating material like graphite, aluminum, chromium oxide, chalk, etc, diluted with water, machine oil or water glass. The best results were obtained with aluminum powder in water glass, and for metal over 8 mm thickness water glass alone was sufficient. The cutting parameters for thin-sheet steel cutting given on table 3 were tried under workshop

Card 1/2

conditions and resulted in burrless edges, a burr on one side only, or burrs on both edges.
There are 6 figures and 3 tables.

ASSOCIATION: VNIIAvtogen

AVAILABLE: Library of Congress

Card 2/2

SOV/135-59-10-20/23

25(1), 28(1)

AUTHORS: Kravetskiy, G.A., and Raykov, N.D., Engineers

TITLE: Tape Control Machines for Oxygen Cutting

PERIODICAL: Svarochnoye proizvodstvo, 1959, Nr 10, pp 43-46 (USSR)

ABSTRACT: The authors present a report on tape-control machines for oxygen cutting, constructed by the British firms Ferranti, British Oxygen Co and the firm EMI. There are 2 photographs, 2 diagrams and 5 English references.

Card 1/1

GUZOV, S.G., inzh.; KRAVETSKIY, G.A., inzh.

Investigating the conditions of formation and possibility of reducing burrs at cut edges during oxygen cutting. Trudy VNIIAvtogen no.7:40-66 '60. (MIRA 13:7)
(Gas welding and cutting--Quality control)

KRAVETSKIY, G.A.

New oxygen-cutting machines. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. no.2:26-29 '63. (MIRA 16:2)
(Gas welding and cutting--Equipment and supplies)

ASINOVSKAYA, Gnesya Abramovna; ZELIKOVSKAYA, Nataliya Mikhaylovna; KOROVIN, Andrey Ivanovich; KRAVETSKIY, G.A.; NEMKOVSKIY, I.A.; OFITSEROV, D.M.; TESMENITSKIY, D.I.; FISHKIS, M.M.; SHAPIRO, I.S.; GLIZMANENKO, D.L., kand. tekhn. nauk, red.; KLIMOVICH, Yu.G., red.; DORODNOVA, L.A., tekhn. red.

[Flame metalworking processes]Gazoplamennaia obrabotka metallov. [By] G.A.Asinovskaia i dr. Moskva, Proftekhizdat, 1962. 556 p. (MIRA 16:3)
(Gas welding and cutting) (Flame hardening) (Metal spraying)

MATYAKH, F.A.; TSYBUL'SKAYA, Z.I.; KRAVETSKIY, L.I.; ISAYENKO, O.F.

Determining the technological parameters of injection mixers for deep thermal chlorination of methane. Khim. prom. 41 no.5:347-352 My '65. (MIRA 18:6)

B[illegible], [illegible]

[illegible] technique in perforating ulcers of the stomach and duodenum. Vest. khir. 94 no.2:105-106 F '65. (MIRA 18:5)

1. Iz Kutaisskoy respublikanskoy klinicheskoy bol'nitsy (glavnyy vrach - zasluzhennyy vrach [illegible] [illegible]) Ministerstva zdravookhraneniya Gruzinskoy [illegible].

S/262/62/000/001/003/010
I014/I252

AUTHOR: Krávits, Arthur

TITLE: Valve pump

PERIODICAL: Referativnyy zhurnal, Silovyye Ustanovki, no. 1, 1962, 72, abstract 42.1.381. (Hung. patent, class 46c^2, 100-115, No. 144840, May 31, 1959)

TBXT: The patented fuel pump has an inlet valve and a delivery valve. The pump piston is hollow. The fuel enters the delivery chamber through side openings in the cylinder liner and piston as well as through the interior cavity of the latter. The flat admission valve is of larger diameter than the piston and has a stem which enters the channels of the piston and is drawn towards the base of the latter by means of a spring mounted inside the channels. As the piston moves downwards until its inlet channels are flush with the openings in the liner, the inlet valve is held back by the base of the liner. This enables the fuel to pass from the cavity of the piston into a space bounded by the bases of the piston and liner. When the piston motion is reversed the valve sits on the base of the piston and the fuel is forced into the delivery chamber. The delivery valve is flat and presses against the seat by means of a spring. It is lifted by means of a lobe in the centre of the inlet valve. The piston is detached from the inlet valve by means of a small-angle groove on the cam profile.

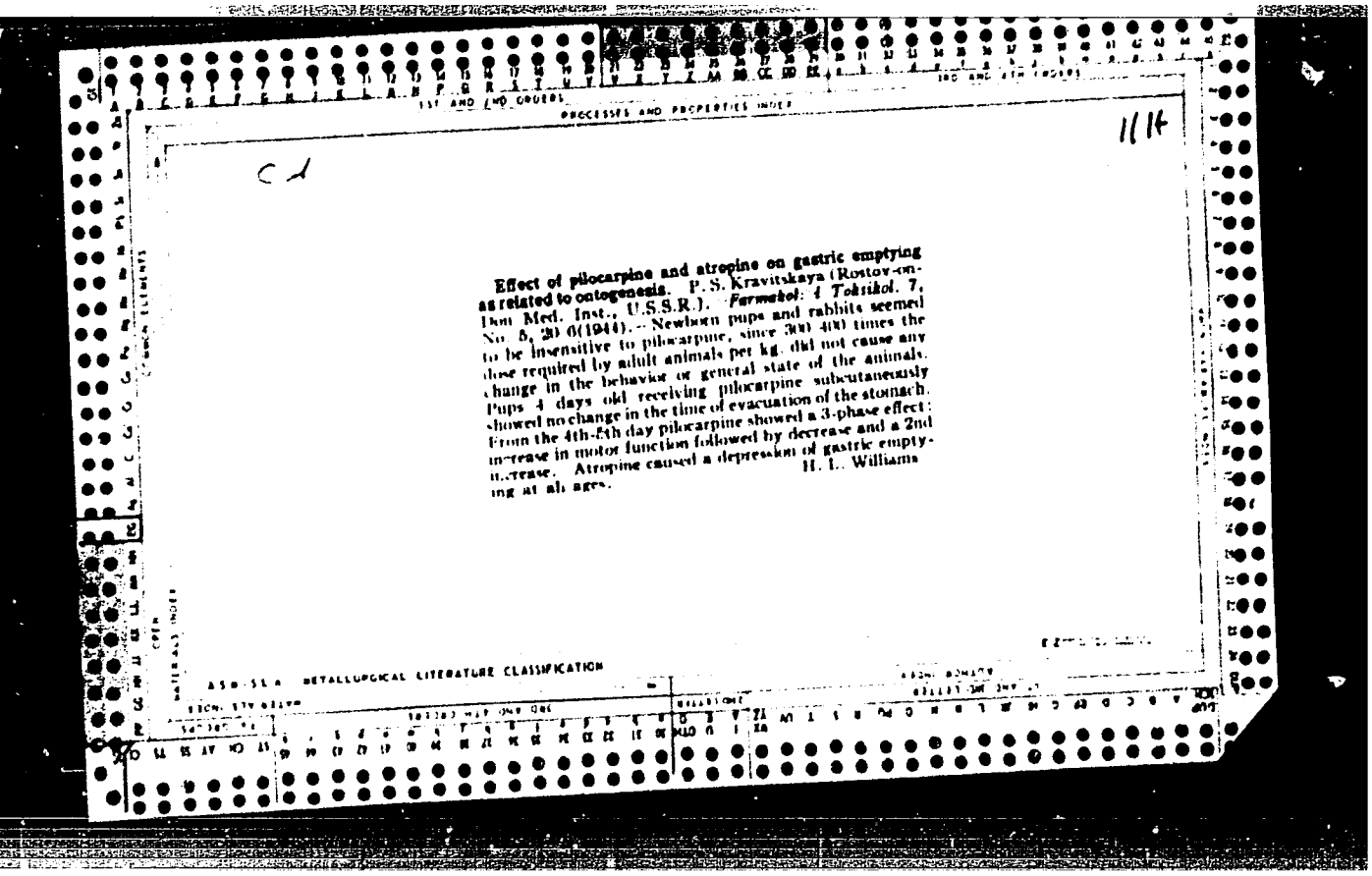
[Abstracter's note: Complete translation.]

Card 1/1

KRAVITS, Artur; ADLER, Gyorgy, dr., tudomanyos munkatars

Application of the Kravits feed pump in fast-running diesel engines. Jarmu mezo gep 6 no.12:376-381 '59.

1. Magyar Tudomanyos Akademia Matematikai Kutato Intezete (for Adler).



Effect of pilocarpine and atropine on gastric emptying as related to ontogenesis. P. S. Kravitskaya (Rostov-on-Don Med. Inst., U.S.S.R.). *Farmakol. i Toksikol.* 7, No. 5, 28-30(1944).—Newborn pups and rabbits seemed to be insensitive to pilocarpine, since 300-400 times the dose required by adult animals per kg. did not cause any change in the behavior or general state of the animals. Pups 4 days old receiving pilocarpine subcutaneously showed no change in the time of evacuation of the stomach. From the 4th-5th day pilocarpine showed a 3-phase effect: increase in motor function followed by decrease and a 2nd increase. Atropine caused a depression of gastric emptying at all ages. H. L. Williams

KRAVITSKAYA, P.S.

Physiologic mechanisms of periodic functioning of the digestive center during breast feeding. Fiziol.zh.SSSR 37 no.1:47-51 Jan-Feb 51.
(CLML 20:8)

1. Laboratory of Age-Group Physiology, Institute of Pediatrics of the Academy of Medical Sciences USSR.

KRAVITSKAYA, P.S.; KHYUCHKOVA, A.P.

Periodic gastric function during fast and in various stages of growth. Fiziol.zh.SSSR 37 no.3:329-335 May-June 51. (CIML 21:1)

1. Laboratory of Age-Group Physiology, Institute of Pediatrics of the Academy of Medical Sciences USSR, Moscow.

KRAVITSKAYA, P. S.

Kravitskaya, P. S. -- "Aspects of the Regulation of the Function of the Digestive Center and Digestion in Very Young Children in Connection with the First Feeding of the Newborn Child." Acad Med Sci USSR. Moscow, 1956. (Dissertation For the Degree of Doctor in Medical Sciences).

So: Knizhnaya Letopis', No. 11, 1956, pp 103-114

KRAVITSKAYA, P. S. Doc Med Sci -- "Mechanisms of the regulation of secretory and motor functions of the stomach in various periods of age. (Data for the substantiation of the principle of intrauterine feeding of the newborn)." Alma-Ata, 1960 (Kazakh State Med Inst) .(KL, 1-61, 204)

SKOVRONSKIY, A., starshiy prepodavatel'; KRAVETSKIY, Ya., khudozhnik-model'yer

New raglan design. Mest.prom. i khud.promys. 4 no.4:17-19 Ap '63. (MIRA 16:10)

1. Moskovskiy tekhnologicheskiy institut mestnoy promyshlennosti (for Skovronskiy).

HROMADKA,L.; KRAVKA,A.

Czechoslovakian standard for electrocardiography. Cas.lek.cesk. 103 no.12:319-321 20 Mr'64.

1. Chirana, n.p., zavod 10, Praha.

*

ARBUZOV, A.Ye., akad.; VAVILOV, S.I., akad.; VOL'FKOVICH, S.I., akad.; KOCHINA, P.Ya., akad.; LANDSBERG, G.S., akad.; LEYBENZON, L.S., akad.; PORAY-KOSHITS, A.Ye., akad.; SMIRNOV, V.I., akad.; FESENKOV, V.G., akad.; CHERNYAYEV, V.I., akad.; KAPUSTINSKIY, A.F.; KORSHAK, V.V.; KRAVKOV, S.V.; NIKIFOROV, P.M.; PETROV, A.D.; PREDVODITELEV, A.S.; FRISH, S.E.; CHETAYEV, N.G.; CHMUTOV, V.K.; SHOSTAKOVSKIY, M.F.; KUZNETSOV, I.V., red.; MIKULINSKIY, S.R., red.; MURASHOVA, N.Ya., tekhn.red.

[Men of Russian science; essays on prominent persons in natural science and technology: Mathematics, mechanics, astronomy, physics, chemistry] Liudi russkoi nauki; ocherki o vydaiushchikhsia deiateliakh estestvoznaniia i tekhniki: matematika, mekhanika, astronomiia, fizika, khimiia. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 599 p. (MIRA 14:10)

1. Chleny-korrespondenty AN SSSR (for Kapustinskiy, Korshak, Kravkov, Nikiforov, Petrov, Predvoditelev, Frish, Chetayev, Chmutov, Shostakovskiy). (Scientists)

PAVLOV, S.A., prof., doktor tekhn.nauk; KRAVKOVA, I.A., mladshiy nauchnyy sotrudnik

Effect of the manufacturing method on the microstructure of synthetic rubber kersey. Kozh.-obuv.prom. 2 no.10:17-21 O '60. (MIRA 13:11)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.
(Leather, Artificial)

KRAVKOVA, I.A., mladshiy nauchnyy sotrudnik; PAVLOV, S.A., doktor tekhn. nauk, prof.

Microstructure of artificial leather of the coated fabric type. Kozh.obuv.prom. 4 no.11:33-34 N '62. (MIRA 15:11)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.
(Leather, Artificial) (Microscopy)

RUNSTUKOVA, J.; KRAVKOVA, L.; VITEK, J.; ROZMARICOVA, K.

Typhoid complications and chloramphenicol. Lek. listy, Brno 7 no.19:470-473 1 Oct 1952. (CLML 23:2)

1. Of the Second Internal Clinic (Head--Prof. J. Polcak, M.D.) of Masaryk University, Brno.

KRAVKOVA, L.A., mladshiy nauchnyy sotrudnik; PAVLOV, S.A., doktor tekhn.nauk, prof.

Microstructure of the various kinds of SK(synthetic rubber)kersey under the effect of mechanical actions. Kozh.-obuv.prom. 5 no.3:24-28 Mr '63. (MIRA 16:3)

(Artificial leather—Testing)

OVECHENKO, N.G., kand. tekhn. nauk; KRAVKOVA, I.A., mladshiy nauchnyy sotrudnik; PAVLOV, S.A., doktor tekhn. nauk, prof.

Microstructure of nonwoven fibrous film systems and the effect exerted on it by the technological procedures. Tekst. prom. 23 no.9:27-30 S '63. (MIRA 16:10)

1. Sotrudniki Moskovskogo tekhnologicheskogo instituta legkoy promyshlennosti (MTILP).
(Nonwoven fabrics)

KHAVKOVA, Ye. V.

Dissertation: "Morphological Picture of the Blood of a Human Fetus in Different Periods of Intrauterine Life." Cand Med Sci, First Moscow Order of Lenin Medical Inst, 16 Jun 54. (Vechernyaya Moskva, Moscow, 7 Jun 54)

SO: SUM 318, 23 Dec. 1954

KRAVKOVA, Ye.V.

Morphological picture of blood in the human fetus at various stages of intrauterine life. Akush. i gin. no.5:16-25 S-O '54. (MLRA 7:12)

1. Iz kafedry akusherstva i ginekologii (zav. prof. K.N.Zhmakin, nauchnyy rukovoditel' prof. V.I.Bodyazhina) I Moskovskogo ordena Lenina meditsinskogo instituta.

(FETUS, physiology,
blood picture in various stages of develop.)
(BLOOD,
in fetus, changes of blood picture in various stages of develop.)

BODYAZHINA, V.I., prof.; KRAVKOVA, Ye.V., kand.med.nauk

Some data on the course of labor and the state of newborn in anemias of pregnancy. Sov.med. 22 no.2:104-109 F '58. (MIRA 11:4)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. K.N.Zhmakin) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

(PREGNANCY, compl.
anemia, eff. on course of labor & newborn (Rus))
(ANEMIA, in pregn.
eff. on course of labor & newborn (Rus))
(INFANT, NEWBORN
eff.of maternal anemia (Rus))
(LABOR
eff. of anemia on course (Rus))

KRAVKOVA, Ye. V., kand. med. nauk (Moskva)

Hypotonic and atonic postpartum hemorrhages. Fel'd. i akush. 27 no.5:20-23 My '62. (MIRA 15:7)

(HEMORRHAGE, UTERINE)

KRAVKOVA, Ye.V., kand. med. nauk

Diagnosis and treatment of obstetrical hemorrhages associated with disorders of the blood coagulation system. Akush. i gin. 40 no.2:48-55 Mr-Ap '64. (MIRA 17:11)

1. Kafedra akusherstva i ginekologii (zav. - prof. K.N. Zhmakin) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

KRAVLIYA, E. K.

1300. Kravliya, E. K. Rol'udarov vtorogo roda pri fluorestsentsii smesi parov rtuti i natriya. L., 1954. 8s. 20 sm. (Leningr. gos. ordena Lenina un-t im. A. A. Zhdanova). 200 ekz. B. ts. (54-51628)

SO: Knizhnaya Letopis, Vol. 1, 1955

KRAVLJANAC, Milan, inz.

Selecting width of the track. God zbor teh Univ Skopje 4:81-99 '59/61.

GONCHAROV, V., tekhn.-elektrik; SHRAMKOV, G. [illegible] (Tashkent); KRAVCHENKO, V., [illegible] (Kiyev); [illegible], [illegible]; [illegible], [illegible]; KRAVNIKOV, V.; [illegible], P., [illegible], V., aviatekhnik (Dushanbe)

Readers' letters. Grazhd. av. 22 no.5:24-11 '12 F '65. (MIRA 18:5)

1. Nachal'nik Kiyevskogo [illegible] dispetcherskogo punkta (for [illegible]). 2. Nachal'nik [illegible] radionavigatsii, g. L'vov (for Kravnikov). 3. [illegible] aeroporta (for [illegible]).

MIKHAYLOV, A.F., inzh.; KRAVSTSOV, Yu.A.

Analyzing the control operations in the circuit track. Vest. TSNII MPS 23 no.8:46-47 '64. (MIRA 18:2)

SELYUTIN, V.; LESNIKOV. N.; RAYEVICH, V.; GUREVICH, V.; KRAVTSEV, A. (Bryansk); REVUNOV , M. (g. Ramenskoye, Moskovskoy oblasti); NAZAROV, P.; RYKOV, Yu.; MIN, A.; IGNATENKO, N.

Letters on various subjects. Mest. prom. i khud. promys. 3 no.8:30-31 Ag '62. (MIRA 15:10)

1. Starshiy inzhener Glavbelmostproma, g. Minsk (for Selyutin).
2. Glavnyy inzhener shveynogo kombinata "Pobeda", g. Ulan-Ude (for Gurevich).

(Industries)

VDOVENKO, V.M.; KRAVCHATSIY, A.S.; GUSEV, Yu.K.

Extraction of nitrates of different metals with mixed solvents.
Radiokhimiia 2 no.5:531-536 '60. (MIRA 13:10)
(Nitrates) (Extraction (Chemistry))

ISLAMOV, B. (Ufa); URIN, L. (Dnepropetrovsk); KROSHCHKIN, V. (g. Yegor'yevsk); KRAVTSEV, A. (Bryansk)

In trade-union organizations. Sov. profsoiuzy 6 no.1:95 Ja '58. (MIRA 11:1)

(Trade unions)

KRAVTSEV, A., rabochiy

"Working conditions are not the weather; they are created by people." Okhr. truda i sots. strakh. 3 no. 12:18-19 D '60.
(MIRA 13:12)

1. Bezhitskiy staleliteynyy zavod.
(Steel industry--Technological innovations)

KRAVTSEV, A., rabochiy; BELYAYEV, I.; BRYLYAKOV, V.; RYZHKOV, F.; SEMENENKO, B.

Correspondence conference of our readers. Okhr.truda i sots.strakh. 5 no.1:26 Ja '62. (MIRA 15:2)

1. Bezhitskiy stalelitoynyy zavod, g. Bryansk (for Kravtsev).
2. Laboratoriya ventilyatsii i obspylivaniya vozdukha Ural'skogo nauchno-issledovatel'skogo i proyektnogo instituta mednoy promyshlennosti (for Belyayev, Brylyakov, Ryzhkov, Semenenko).

(Industrial hygiene—Periodicals)

KRAVTSEV, B.I. DECEASED 1962/4

c1961

SEE ILC

BOTONY

1. LANGE, G. A. and KRAVTSEV, D. I.

2. USSR (600)

4. Latitude Variation-Kitab

7. Latitude variation at Kitab in 1950. Astron.tsir. no. 110, 1952.

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

LAWS, C.A.; [illegible], F.I.

Latitude Variation

Latitude variations of Kitab in 1951., Astron. zair., no. [illegible], 1[illegible].

Monthly List of Russian Accessions, Library of Congress, April 1[illegible]. UNCLASSIFIED

1. LANGE, G. A.: KRAVTSEV, D. I.

2. USSR (600)

4. Kitab - Latitude Variation

7. Latitude variation of Kitab in the first quarter of 1952. Astron. tsir., no. 126 1952.

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

1. KRAVTSEV, D. I.

2. USSR (600)

4. Latitude Variation - Kitaba

7. Variation in the latitude of Kitaba in the period 1950. 2-1952. 0. Astron. tsir., No. 127, 1952.

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

1. LANGE, G. A., KRAVTSEV, D. I.

2. USSR (600)

4. Kitaba - Latitude Variation

7. Latitude variation at Kitaba from April to June 1952. Astron. tsir., No. 130, 1952

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

LANGE, G.A.; KRAVTSEV, D.I.

Latitude variation of Kitab in 1952. Astron.tsir. no.134:4-6 F '53.
(MLRA 6:6)
(Kitab--Latitude variation)

LANGE, G.A.; KRAVTSEV, D.I.

Variation of the latitude of Kitab in 1948-1949. Trudy Tashk. astron.obser.Ser.2 4:102-122 '54. (MIRA 13:4)
(Kitab--Latitude variation)