The VIS-80 Input-Testing Rack

RA-350 gaps. The measuring circuit in the rack, for measuring the insulation resistance and the ohmic resistance of aerial and cable circuits connected to the rack as well as the station battery voltage, is described and illustrated (Fig 3); its functions are outlined. At present the VIS-80 rack is produced without this circuit. The construction and layout of the rack is described and illustrated (Fig 4). There are 3 electrical diagrams and 1 mechanical drawing.

ASSOCIATION: Tsentral'noye konstruktorskoye byuro ministerstva svyazi SSSR (Central Design Office of the Ministry of Communications of the USSR)

Filippov, V.N.

PAGE 1 BOOK EXPLOITATION SOV/5897

USSR. Ministerstvo svyazi. Tekhnicheskoye upravleniye

Knopy apparatury elektropitaniya i informatsionnyy sbornik. (New Electro-Communication and Power Supply Equipment; Collection of Information) Moscow, Svyaz'izdat, 1959. 100 p. (Series: Tekhnika svyazi) 13,500 copies printed.

Resp. Ed.: V.A. Lipkina; Eds.: Ye.S. Novikova and K.M. Kondrashina; Tech. Ed.: E.P. Kashkina.

PURPOSE: This collection of articles is intended for technical personnel of the Ministry of Communications USSR and its subordinate telecommunication establishments.

COVERAGE: The articles in this collection describe various new pieces of Soviet equipment used in electrical communication systems. These include: broadcast studio equipment, mobile audio amplifiers, transformers, cable racks, converters, rectifiers, and switchboards. No personalities are mentioned. References accompany the articles in footnotes.

Meyer, Ch.K., and B.K. Baranovskiy. A-9/6a. "Talking Clock" Unit 26
This article provides telephone time service. The authors describe its principle of operation, and the block diagram of the unit

Meyer, Ch. K. TT - 200 Line Transformer with Lightning Arrester. 31
This power transformer is designed for operation with overhead transmission lines or wire broadcasting systems. The author describes the diagram and design of the transformer

Filippov, V.N. Subscribers Telegraph Station of the AKA-M Low Capacity System 34
This station is designed for installation in cities or rayon communication centers of the subscribers' automatic telegraph system. Its capacity is 10 subscribers' installations and 3 voice-frequency channels

Fryd, V.G. VK Lead-In Cable Cabinet Racks 41
The author lists a variety of racks for connecting balanced cables of varying capacity. A table indicates the types of mounting plates for each rack. The author also describes circuit diagrams and operation of the rack assemblies.

Filippov, V.N. VS-60 Lead-In Rack 46
The author briefly describes the structure and operation of this rack, which serves for connection and commutation cables and over-head lines, and for protection of station equipment.

Brodskiy, M.V., G.A. Volfson, and V.D. Shoshenkov. Constant Voltage Direct Current Converters with Transistor Triodes 49
These converters provide power supply for communication equipment by means of a single battery. The article also describes converter operating principle, advantages and disadvantages, field of application and components. The results of experiments with 3 types of converters are shown in a table.

Gelfer, L.S. VSS-36/30 Rectifier Assembly 60
The rectifier serves as a power supply for equipment used in intrarayon and intra-oblast telecommunications and in dial telephone systems. The author gives the circuit diagram and design of the assembly. diagram and structural details of the new board.

Konstantinova, L.S. BKK-1 Combined Switchboard 86
The switchboard connects local subscribers among themselves and connects long distance lines with local telephone network subscribers and with those of the automatic telephone system. The article describes circuit diagrams of various combinations of connections, structural details of the components and the assemblies as the whole.

Vigdorchik, M.M. MSK-1 Drilling Rig 96
The rig drills the holes for overhead line poles. The author describes the functional diagram, design, and operation of the assembly.

AVAILABLE: Library of Congress

Card 2/2

S/182/60/000/005/004/006
A161/A029

1.1200

AUTHOR: Filippov, V.N.

TITLE: New Horizontal Hydraulic Tube Press

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, 1960, No. 5, pp. 27 - 31

TEXT: Up to now horizontal hydraulic presses were used for non-ferrous metals. For pressing steel, such presses have been primitively rearranged. This article gives detailed engineering information on a new 3,150-ton press, designed for producing tubular work from steel and other materials. It has been designed by SKB-4 of Moscow oblast' sovnarkhoz and built at Kolomenskiy zavod tyazhelogo stankostroyeniya (Kolomna Heavy Machine Tool Works). The press has a work capacity of 40 - 50 pressings per hour; the container accommodates billets up to 900 mm long and 200 - 280 mm in diameter. The container is heated by induction to 500°C and switches off automatically when overheated. The work pressure of the main and the piercing cylinders adds when both cylinders are used. Remote control for all mechanisms is from the main control board, and a second control board is provided on the other side of the press for control of separate

Card 1/3

85127

S/182/60/000/005/004/006
A161/A029

New Horizontal Hydraulic Tube Press

operations. Work feed is adjustable from 4 - 100 mm/sec. The hydraulic control system for the nine distributers of the press consists of a pump station working with oil (grade "20"), nine electro-hydraulic 4Г-73-13 (4Э-73-13) slide valves and nine servo drives. The distributers controlling the press cylinders, the container and the pressing and piercing system are fitted with selsyns switching off the electromagnets controlling the slide valves when the distributer camshaft turns an angle set by the operator at the main control board. This control system is used for the first time on this press and has been previously described by N.I. Zarankin and R.S. Kitain (Ref. 1). The auxiliary press mechanisms are working with air from the shop main with 4 - 6 kg/cm^2 pressure driven by four pneumatic cylinders with four "pneumopilots", a water separator, a cock, a manometer, an oil can and eight throttle valves for controlling the motion rate. Hydraulic strokes in pipelines are prevented by a stroke compensator. Idle run of the main piston and of the piercing system is actuated by low-pressure water from the filling tank. Water level in this tank is controlled automatically, the control system has been described by I.V. Kononov (Ref. 2). The following pressing process operations are shown: 1) Ingot moved into pressing line; 2) Ingot being pushed into the container; 3) Pressing; 4) Retraction of the container

Card 2/3

85127

S/182/60/000/005/004/006
A161/A029

New Horizontal Hydraulic Tube Press

with the press washer and remaining billet end from the dies, and approach of the saw disk; 5) Separation of the press washer with the billet waste end from the pressed work, and retraction of the saw blade; 6) Pushing the work out by the waste billet end; 7) Retraction of the container; 8) Pushing the press washer with waste billet end out of the container. The press is 41.420 m long and weighs 470 tons. The operation is described in full detail and the general view photo and the diagram of the hydraulic system are accompanied by legends. There are 3 figures and 2 Soviet references.

Card 3/3

FILIPPOV, V.P.

SKINDER, I.B., kandidat tekhnicheskikh nauk; FILIPPOV, V.P.

Stands used in testing automobile shock absorbers. Avt. i trakt. prom. no.5:25-28 My '57. (MLRA 10:6)

1. Nauchno-issledovatel'skiy avtomotornyy institut i Moskovskiy zavod malolitrazhnykh avtomobiley.
(Automobiles--Shock absorbers)

FILIPPOV, V. P.

"Wintering Bees in Trenches," Pchelovodstvo, 29, No.9, 1952

BOGUSH, L.K.; FILIPPOV, V.P.

Use of the UKL-60 apparatus in lung resections. Trudy NIIEKHAI no.5:23-27 '61. (MIRA 15:8)

1. Iz khirurgicheskoy kliniki Instituta tuberkuleza AMN SSSR.
(LUNGS--SURGERY) (SUTURES)

FILIPPOV, V. P.

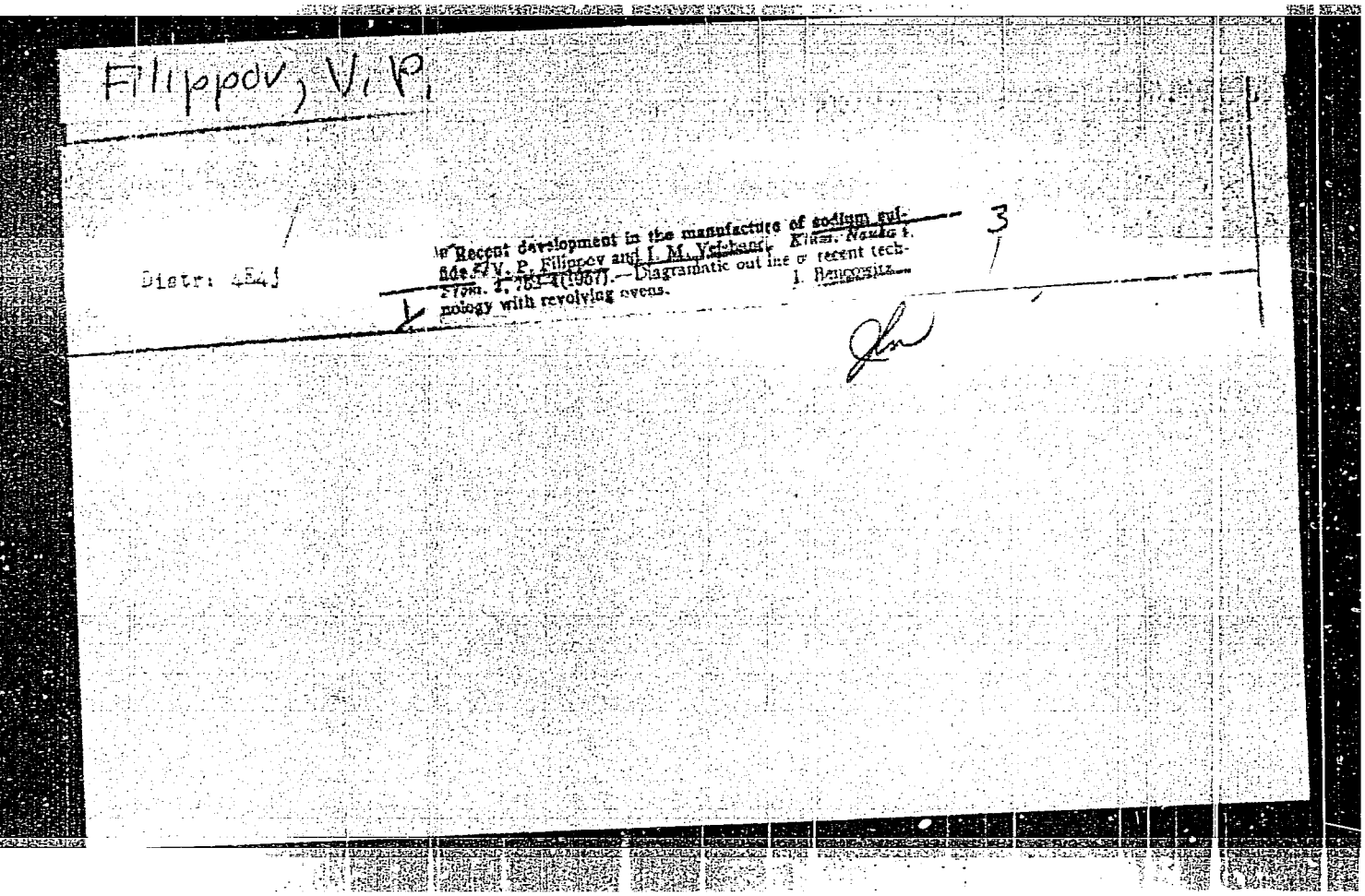
Bronchoscopy and bronchography during anesthesia with controlled respiration. Probl. tub. no.2:43-48 '62. (MIRA 15:2)

(ANESTHESIA) (TUBERCULOSIS) (BRONCHOSCOPY)
(BRONCHI—RADIOGRAPHY)

FILIPPOV, Viktor Pavlovich

VASILEVSKIY, Kazimir Valentinovich; FILIPPOV, Viktor Pavlovich; PASHCHINSKAYA, G.N., redaktor; VOLYNTSEVA, V.A., tekhnicheskiy redaktor

[Rule casting machine] Material'no-liteechnaia mashina. Moskva, Gos. izd-vo "Iskusstvo," 1955. 55 p. (MLRA 8:7)
(Leningrad--Type and type founding)



Filippov, V. P.

Distr: 4E4J

"Recent development in the manufacture of sodium sulfide." V. P. Filippov and I. M. Yelshanr. Khim. Nauka i Prom. 4, 783-4(1959).—Diagrammatic outline of recent technology with revolving ovens. 1. Benzenesulfonic

3

SOV/137-57-10-19375

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 10, p 133 (USSR)

AUTHOR: Filippov, V.P.

TITLE: On the Problem of Die Casting of Printing Type (K voprosu o lit'ye pod davleniyem v poligrafii)

PERIODICAL: Sb. tr. Mosk. zaochn. poligr. in-t, 1957, Nr 5, pp 89-97

ABSTRACT: A classification of die-casting machines is given and their individual peculiarities are described. Formulae are presented which permit determining the cooling period of metal in the molds and the amount of losses in the flow of metal. Certain aspects of designing machines with hot pressure chambers are discussed.

M.Z.

Card 1/1

FILIPPOV,V.P., Cand Tech Sci--(diss) " Study of casting systems of ~~the~~ machines." ~~of the~~ typesetting ~~equipment~~ Mos, 1958. 19 pp (Min of Higher Education USSR. Mos Polygr Inst), 150 copies (KL,46-58,141)

FILIPPOV, V. P.

BOV/144-58-9-18/18

AUTHOR: Gikis, A. F., Candidate of Technical Sciences, Docent

TITLE: Inter-University Scientific Conference on Electric Measuring Instruments and Technical Means of Automation (Mezhvuzovskaya nauchnaya konferentsiya po elektroizmeritel'nym priboram i tekhnicheskim sredstvam avtomatiki)

PERIODICAL: Izvestiya Vysshikh Uchebnykh Zavedeniy, Elektromekhanika, 1958, Nr 9, pp 130-135 (USSR)

ABSTRACT: The conference was held at the Leningradskiy elektrotekhnicheskiy institut imeni V. I. Ul'yanova (Lenina) (Leningrad Electro-technical Institute imeni V. I. Ul'yanov (Lenin)) on November 11-15, 1958. The representatives of eleven higher teaching establishments and three research institutes participated and a large number of specialists of various industrial undertakings were present.

Docent Ya. V. Novosel'tsev (Leningrad Electrotechnical Institute) presented the paper "Averaging, differentiation and smoothing of time functions reproduced by electric signals".
B. S. Ryabyshkin and V. P. Filippov (Siberian Physico-Technical Scientific Research Institute) presented the paper "Electronic analogue correlator"; this was developed at the Tomsk Ionospheric Station for calculating the correlation functions in studying the winds in the ionosphere.
Docent L. I. Stolov (Kazan' Aviation Institute) presented the paper "Certain characteristics of asynchronous micro-motors" (see pp 38-44 of this issue) in which he considers motors with symmetrical windings. The mechanical and the speed characteristics of such motors are investigated on the basis of equations of a 4-pole.

At the closing session the results were summarised of this conference and resolutions were passed. In particular it was decided to publish the transactions

Card 12/13

FILIPPOV, V.P. (Moskva)

Rare case of a bronchial adenoma and a congenital pulmonary polycystoma. Grud. khir. 6 no.4:120 Jl-Ag '64.
(MIRA 18:4)

FILIPPOV, V.P.

Two cases of atelectasis following partial resection of the lung by means of the UKL-60 apparatus. Khirurgiia no.10:134-136 '64. (MIRA 18:8)

1. Khirurgicheskaya klinika (zav. - prof. L.K.Bogush) Instituta tuberkuleza Ministerstva zdravookhraneniya SSSR (dir. - prof. N.A. Shmelev), Moskva.

FILIPPOV, Vasiliy Rodionovich

[Mixed business accounting brigades in collective farms and state farms of Buryatia] Khozraschetnye kompleksnye brigady v kolkhozakh Buriatii. Ulan-Ude, Buriatskoe izd-vo, 1961. 169 p. (MIRA 17:5)

FILIPOV, V. N.

"The effect of potassium-aluminum alums on increasing the titration standard of agglutinines in rabbits," Trudy Buryat-Mongol. Zoovet. in-ta, Issue 4, 1948, p. 60-67- Bibliog: 6 items

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

FILIPPOV, V. R.

Filippov, V. R. - "On Kurunga," Acidulous milk beverage), Trudy Buryat-Mongol. zoovet. in-ta, Issue 4, 1948, p. 104-07.

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

USSR/General Problems of Pathology - Cytotoxins. U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4102

Author : Filippov, V.R.

Inst : Buryat-Mongolian Zoovoterinary Institute.

Title : The Action of the Antituberal Neurotoxic Serum upon the Process of Formation of Hemolysins.

Orig Pub : Tr. Buryat-Mong. Zoovet. in-ta, 1956, vyp. 10, 79-107

Abstract : Rabbits were immunized with erythrocytes of a ram (first group), and part of them received a supplementary intravenous injection of sheep serum (second group). Rabbits of the third group received a supplementary antituberal neurotoxic serum for cattle (A T S), The fourth group was injected intravenously with A T S specific for rabbits, and the fifth group - intracerebrally. The maximal group average titer of hemolisin in rabbits of the first

Card 1/2

USSR/General Problems of Pathology - Cytotoxins.

Abs Jour : Ref Zhur Biol., No 1, 1959, 4102

and second groups was 1:800, third - 1:5,000, fourth - 1:10,000, fifth - 1:20,000. -- A.Ya. Sinay.

Card 2/2

FILIPPOV, V.R., prof.

Veterinary services in the Buryant-Mongolian A.S.S.R. Veterinariia 35 no.9:11-14 S '58. (MIRA 11:9)

1. Predsedatel' Soveta Ministrov Buryat-Mongol'skoy ASSR.
(Buryat-Mongolia--Veterinary medicine)

FILIPPOV, Vasiliy Rodionovich, prof.; MAKAROV, K.Kh., spets. red.; IL'INA, N.N., red.; BERKOVICH, M.Z., tekhn. red.

[Cytotoxic stimulation of immunity]TSitotoksicheskaia stimuliatsiia immuniteta. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960. 276 p. (MIRA 15:12)
(IMMUNITY) (SERUM)

GOSTEV, M.M.; FILIPPOV, V.S., redaktor; MIRONTSEV, M.I., tekhnicheskiy redaktor.

[Programs for schools and other institutions; topic plan for extracurricular projects in chemistry in secondary schools] Programmy vneshkol'nykh uchrezhdenii i shkol; tematika vneklassnykh zaniatii po khimii v srednei shkole. Moskva, Ges. uchebno-pedagog. izd-vo Ministerstva Prosveshcheniia RSFSR, 1955. 59 p. (MLRA 9:5)

1.Russia (1917- R.S.F.S.R.) Glavnoyeupravleniye shkol.2.Starshiy nauchnyy sotrudnik sektora vneklassnoy i vneshkol'noy raboty Instituta metodov obucheniya Akademii pedagogicheskikh nauk RSFSR (for Gostev). (Chemistry--Study and teaching)

FILIPPOV, V.S.

Manufacture of the principal sections of the main structure.
Energ. stroi. no.37:50-56 '63. (MIRA 17:6)

1. Nachal'nik konstruktsionnogo byuro zavoda "Stroydetal'."

KALUZHSKIY, Ya.A., prof.; FILIPPOV, V.V., inzh.

Theory of mass service in the investigation of traffic current.
Avt.dor. 27 no.12:4-5 D '64. (MIRA 18:2)

FILIPPOV, V.V.

Elimination of self-excitation in UIS-II type amplifiers.
Prib. i tekh. eksp. 9 no.2:171 Mr-Ap'64. (MIRA 17:5)

1. Fiziko-tekhnicheskiy institut AN SSSR.

SOV/86-59-1-26/39

AUTHOR: Filippov, V.V., Engr Col

TITLE: How Should a Pilot Counteract the Negative Thrust of Turboprop Engines? (Kak letchiku borot'sya s otritsatel'noy tyagoy TVD?)

PERIODICAL: Vestnik vozdushnogo flota, 1959, Nr 1, pp 63-69 (USSR)

ABSTRACT: The article describes the operation of turboprop engines equipped with reversible-pitch propellers. The author states that a sudden creation of negative thrust in flight may lead to grave consequences, if a crew has not acquired the necessary knowledge and adequate practical habits in operating such engines and propellers during the flight. There are three diagrams.

Card 1/1

Filippov, V.V.

28(1) PHASE I BOOK EXPLOITATION SOV/2156

Soveshchaniye po kompleksnoy mekhanizatsii i avtomatizatsii tekhnologicheskikh protsessov. 2nd, 1956.

Avtomatizatsiya mashinostroitel'nykh protsessov; /trudy soveshchaniya/, tom. 1: Goryachaya obrabotka metallov (Automation of Machine-Building Processes; Proceedings of the Conference on Over-All Mechanization and Automation of Technological Process, Vol 1: Hot Metal-Forming) Moscow, 1959. 394 p. 5,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut mashinovedeniya. Komissiya po tekhnologii mashinostroyeniya.

Resp. Ed.: V.I. Dikushin, Academician; Compiler: V.M. Rakatov; Ed. of Publishing House: V.A. Kotov; Tech. Ed.: I.P. Kus'min.

PURPOSE: The book is intended for mechanical engineers and metallurgists.

COVERAGE: The transactions of the Second Conference on the Over-All Mechanization and Automation of Industrial Processes, September 25-29, 1956, have been published in three volumes. This book, Vol. I, contains articles under the general title, Hot Working of Metals. The investigations described in the book were conducted by the Sections for Automation and Hot Working of Metals, under the direction of the following scientists: casting - A.I. Tsellikov, F.M. Aksenov, D.F. Ivanov and G.M. Orlov; forging - A.D. Tolstenov and V.T. Mashcherin; welding - G.A. Nikolayev, A.I. Proloy and G.A. Marlov. There are 183 references: 142 Soviet, 34 English, 6 German, and 1 French.

TABLE OF CONTENTS:

Manurov, A.M. Automation of Industrial Processes in a Forge Shop	148
Tolstenov, A.D. The Value of Shrinkage Force in Steel Ingots	160
Filippov, V.V. Technical and Economic Efficiency of Automation of Stamping from Sheet Steel	165
Mavrotskiy, G.A. Investigation of Operating Conditions of Cold-Upsetting Automatic Presses	169
Popov, V.A. Automation of the Production of Fastening Articles	183
Kopytov, V.P. New Methods for Heating with Gas in Automated Production	189
Chukhanov, N.P. Use of High-Frequency Currents for Heating Billets for Plastic Deformation	197
Filippov, V.V., V.Ya. Shekhter, and V.I. Olenev. Automation of Cold Stamping of Automobile Parts from Sheet Steel	204
Burshteyn, D.Ye. Automation Processes in Stamping Production Parts from Sheet Steel	219
Leonov, V.A. Some Problems in Automating the Trimming of Pressed Shapes from Aluminum Alloys	228
PART III. AUTOMATION OF WELDING PROCESSES	
Nikolayev, G.A. The Problem of Automating Industrial Welding Processes	237
Rats, Z.Ya. Electric Slag Welding of Large Constructions from Castings, Forgings, and Rolled Stock	243
Rykalin, N.N., and A.I. Pugin. Regularities in Heating Cores during Resistance Butt-Welding	252

Card 6/8

FILIPPOV, Valentin Vasil'yevich; BAYEV, Yevg., red.; FISENKO, A., tekhn. red.

[In the main direction]Na glavnom napravlenii. Simferopol', Krymizdat, 1961. 27 p. (MIRA 15:11)

1. Sekretar' partiynogo komiteta kolkhoza "Rossiya" Krasnogvardeyskogo rayona (for Filippov).
(Krasnogvardeyskoye District--Collective farms--Management)

FILIPPOV, Vasiliy Vasil'yevich, inzh.-polkovnik; SHEVEL'KO, P.S., inzh.-polkovnik, retsenzent; DRUZHINSKIY, M.V., inzh.-podpolkovnik, red.; SRIBNIS, N.V., tekhn. red.

[Fighting negative thrust occuring in turbo-prop engines; characteristics of the operation of an airplane with a turbo-propengine] Kak letchiku borot'sia s otritsatel'noi tiagoi TVD; ob osobennostiakh raboty i ekspluatatsii na samolete turbovintovogo dvigatelia. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 57 p. (MIRA 14:9)

(Airplanes—Turbine-propeller engines)

KON'KOV, N.G., inzhener-podpolkovnik; NECHAYEV, M.M., inzhener-polkovnik, SHLYAKHTUROV, V.I., inzhener-podpolkovnik, Prinimali uchastiye: FILIPPOV, V.V., inzhener-polkovnik, PANOV, N.N., inzhener-podpolkovnik

Transport planes prepare for flight. Vest.Vozd.Fl. no.1:60-69 Ja '61. (MIRA 13:12)

(Transport planes)

FILIPPOV, V.V., kand.tekhn.nauk, dotsent

Representation of some thermal processes in a three-dimensional coordinate system. Izv.vys.ucheb.zav.; mashinostr. no.6:132-147 '63. (MIRA 16:10)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni Baumana.

TIMOKHIN, D.I., starshiy nauchnyy sotrudnik; FILIPPOV, V.V., mladshiy nauchnyy sotrudnik

Effectiveness of dust control by preliminary moistening of coal beds. Gig. i san. 28 no.1:108-110 Ja'63. (MIRA 16:7)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta gigiyeny imeni F.F.Erismana.
(MINE DUSTS--PREVENTION)

PERMINOV, N.I.; FILIPPOV, V.V.; KHODOROVSKIY, B.I.; BIRYUKOV, A.A.; SAL'TSOVSKAYA, D.G.; TATARINTSEV, P.T.

Ways to improve the wearing characteristics of boots made from Russian leather. Kozh.-obuv.prom. 6 no.11:9-14 N '64. (MIRA 18:4)

FILIPPOV, V.V.

Variability of the mean air temperature depending on the direction and velocity of the wind in the Barents Sea. Trudy NIIAK no.20: 3-29 '63. (MIRA 16:12)

ACCESSION NR: AP4006632 S/0089/63/015/006/0493/0498

AUTHORS: Nikolayev, M. N.; Filippov, V. V.

TITLE: Measuring the parameters of the total-cross-section resonance structure for certain elements in the neutron energy region 0.3-2.7 Mev

SOURCE: Atomnaya energiya, v. 15, no. 6, 1963, 493-498

TOPIC TAGS: neutron cross section, neutron scattering, reactor shielding, resonance effect, total cross section, transmission method, magnesium, cross section, resonance structure, aluminum, phosphorus, neutron, sulfur, iron, copper, nickel, shielding, reactor, zirconium, niobium, lead, bismuth

ABSTRACT: The information offered on the neutron cross-sections of 11 elements (Mg, Al, S, Fe, Cu, Ni, Zr, Nb, P, Pb and Bi) was obtained by way of analyzing the transmission curves. It is shown that in the elements having atomic weight, up to and including Niobium, a resonance cross-section was found in the entire investigated enemy spectrum, but could not be found in molybdenum, thorium

Card 1/43

ACCESSION NR: AP4006632

and uranium. A weak spot in the experimental method under consideration was the problem of the transition cross sections from one subgroup to another. In a number of cases, the difficulty of obtaining such information can be avoided, as in the frequent situations wherein the average loss of energy in the neutron scattering process exceeds the distance between the energy levels. In such a case, the cross-section of the transition from one subgroup to another would be proportional to the width of the subgroup in which the transition occurs. The experimental installation used for measuring the transmission curves is described in Atomnaya Enegiya, 11, 445 (1961) by M. N. Nikolayev, V. V. Filippov and I. I. Bonderenko, and Doklad No. 65 na mezhdunarodnom simpoziume po fizike reaktorov na bystrykh i promezhutochnykh neytronakh (Vena, 1961); the expansion of the transmission curve into separate components is shown in the enclosure. The results of the graphic analysis of the transmission curves of the 11 elements are tabulated. In the case of uranium, the transmission curves are based on the use of neutrons with energies of 1-480 kev, and an average energy of 350 kev (a heavy tritium target was used near the reaction threshhold $T(p, n) He_3$

Card 2/43

ACCESSION NR: AP4006632

with E = 1,320 kev). Orig. art. has: 2 Figures, 9 Formulas and 1 table.P

ASSOCIATION: None

SUBMITTED: 21Feb63 DATE ACQ: 07Jan64 ENCL: 01

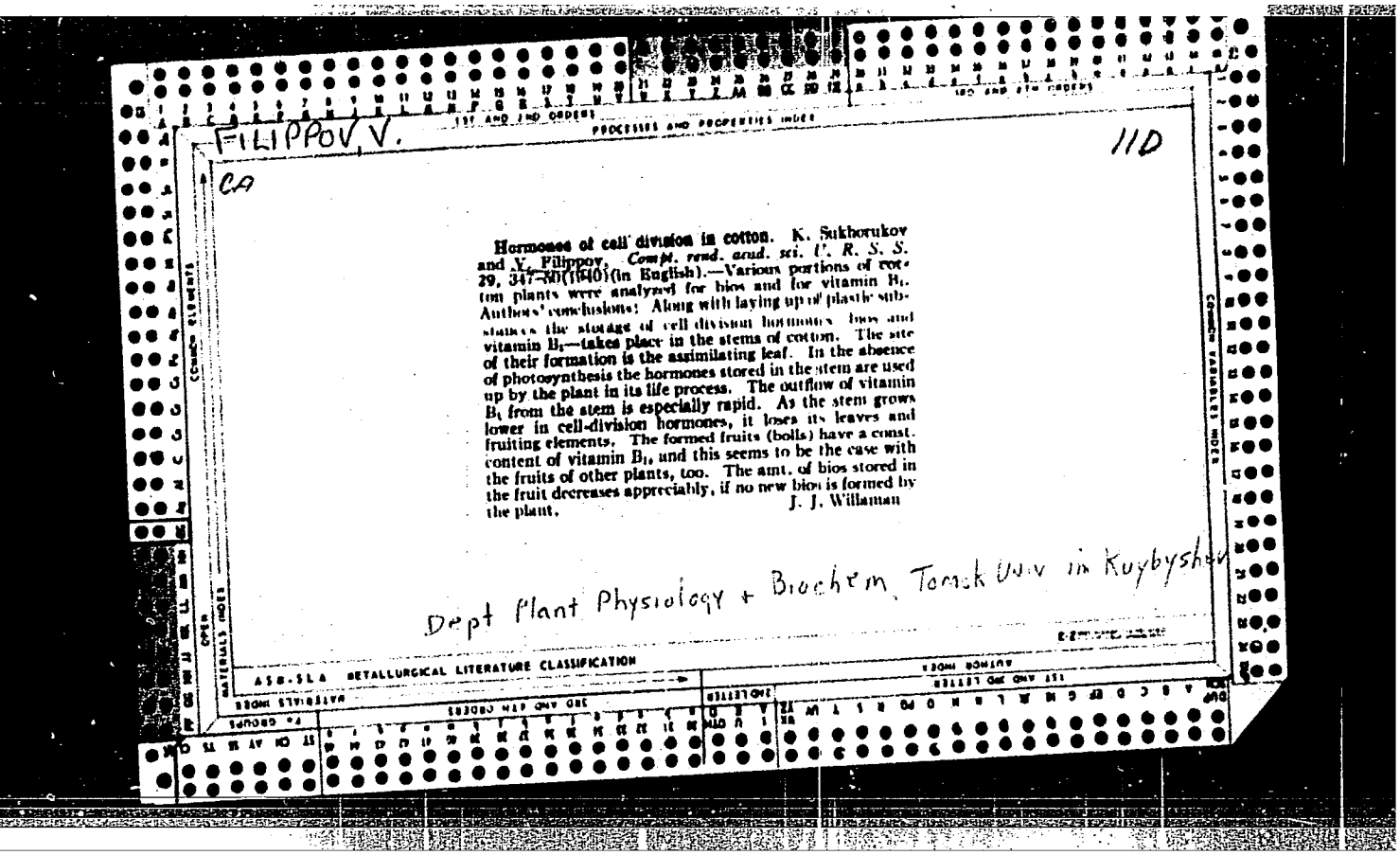
SUB CODE: NS NR REF SOV: 003 OTHER: 002

Card 3/43

FILIPPOV, V.V.

Schematics for organizing telegraph communications according to a system of straight connections. Vest. sviazi 25 no.9:5-8 S '65.
(MIRA 18:9)

1. Starshiy inzhener Tyumenskogo telegrafa.



FILIPPOV, V.

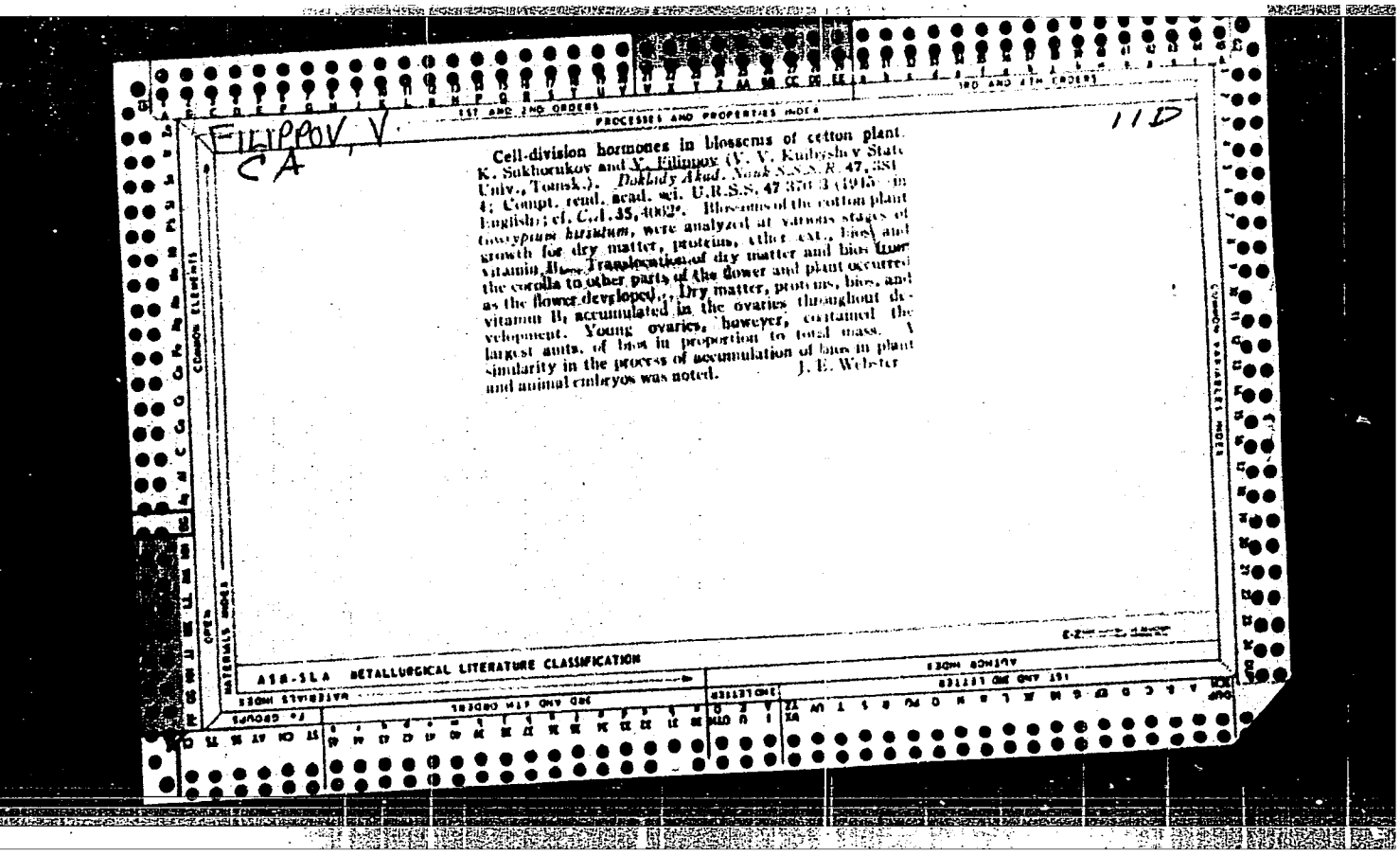
CA

11D

Hormones of cell division in cotton. K. Sukhorukov and V. Filippov. *Compt. rend. acad. sci. U. R. S. S.* 29, 347–50(1940)(in English).—Various portions of cotton plants were analyzed for bios and for vitamin B_1. Authors' conclusions: Along with laying up of plastic substances the storage of cell division hormones bios and vitamin B_1—takes place in the stems of cotton. The site of their formation is the assimilating leaf. In the absence of photosynthesis the hormones stored in the stem are used up by the plant in its life process. The outflow of vitamin B_1 from the stem is especially rapid. As the stem grows lower in cell-division hormones, it loses its leaves and fruiting elements. The formed fruits (bolls) have a const. content of vitamin B_1, and this seems to be the case with the fruits of other plants, too. The amt. of bios stored in the fruit decreases appreciably, if no new bios is formed by the plant.

J. J. Willaman

Dept Plant Physiology + Biochem, Tomsk Univ in Kuybyshev



FILIPPOV, V.
CA

11D

Cell-division hormones in blossoms of cotton plant. K. Sukhorukov and V. Filippov (V. V. Kuibyshev State Univ., Tomsk.). *Doklady Akad. Nauk S.S.S.R.* 47, 381-4; Compt. rend. acad. sci. U.R.S.S. 47 376-3 (1945) (in English); cf. *C.A.* 35, 4002⁹. Blossoms of the cotton plant (*Gossypium hirsutum*, were analyzed at various stages of growth for dry matter, protein, ether ext., fiber and vitamin B_1. Translocation of dry matter and bios from the corolla to other parts of the flower and plant occurred as the flower developed. Dry matter, proteins, bios, and vitamin B_1 accumulated in the ovaries throughout development. Young ovaries, however, contained the largest amts. of bios in proportion to total mass. A similarity in the process of accumulation of bios in plant and animal embryos was noted. J. E. Webster

A 1 S - S L A METALLURGICAL LITERATURE CLASSIFICATION

FILIPPOV, V. V.

"Biotin in Higher Plants." Thesis for degree of Candi. Biological Sci. Sub 14 Nov 49, Moscow State Pedagogical Inst imeni V. I. Lenin

Summary 82, 18 Dec 52, Dissertations Presented For Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

CA

17-E

The role of light in formation of biotin. V. V. Filippov (V. V. Kuibyshev State Univ., Tomsk). *Trudy Inst. Fiziol. Rastenii im. K. A. Timiryazeva* 7, No. 1, 229–41 (1950).—Rapts. with leaves of *Lappa major* or *Helianthus annuus* show increased production of biotin upon exposure to light, although "dark" synthesis occurs as well; the latter takes place at the expense of intermediates stored during illumination. G. M. Kosolapoff

FILIPPOV, V.V., red.; RYABOVA, Ye.A., red.

[Methodology of planning labor productivity in industry] Metodika planirovaniia proizvoditel'nosti truda v promyshlennosti. Moskva, Ekonomika, 1964. 79 p. (MIRA 17:10)

VASIL'YEVA, Yelena Vladimirovna; KOMAROV, Vasiliy Yefimovich;
FILIPPOV, V.V., red.

[Labor conditions and the improvement in the national welfare] Usloviia truda i rost narodnogo blagosostoianiia. Moskva, Ekonomika, 1964. 181 p. (MIRA 17:10)

FILIPPOV, V.

(2)

The state of biotin in plant material. V. Filippov and M. Il'ina (State Pedagog. Inst., Khabarovsk). *Doklady Akad. Nauk S.S.S.R.* 95, 1207-70(1954).—Biotin was detd. in various plants by extn. with hot H_2O in the presence of varying amts. of H_2SO_4. The usual extn. procedures indicate only the free biotin. Autoclaving the plant matter with dil. H_2SO_4 led to almost complete extn.; the recommended method is extn. for 3 hrs. at 115° with *N* H_2SO_4. As detd. by this method, the representative high-biotin specimens were: peanuts 1110 mγ/g., soybeans 750, black tea 825, cacao powder 940, wheat 210, peas 244. Garlic bulb contained 22, beet root 19, bread (wheat) 91, cucumber 21 mγ/g. G. M. Kosolapoff

FILIPPOV,V.V.

Biotin in higher plants. Fiziol.rast.2 no.2:105-112 Mr-Ap'55.
(MLRA 8:10)

1. Gosudarstvennyy pedagogicheskiy institut, Khabarovsk
(Biotin) (Plants--Chemical analysis)

USSR

A yeast method for biotin determination. V. V. Rappov. *Biokhimiya* 20, 89-7(1955).—Another variant of biotin detn. with the aid of yeast. B. S. Levine

FILIPPOV, V.V.; MILICH, R.N.; TARASIK, G.S.

Distribution of biotin in the vegetative organs of plants.
Biul. Glav. bot. sada no.24:31-42 '56. (MLRA 9:11)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR, i Khabarovskiy pedagogicheskiy institut.
(Biotin) (Plants--Chemical analysis)

FILIPPOV, V. V.

20-5-44/48

AUTHORS: Filippov, V. V. and Andreyev, L. N.

TITLE: Dynamics of the Vitamin Content in the Leaves of Wheat, as Affected With Rust (Dinamika soderzhaniya vitaminov v list'yakh pshenitsy porazhennykh rzhavchinoy)

PERIODICAL: Doklady AN SSSR, 1957, Vol. 116, Nr 5, pp. 879 - 881 (USSR)

ABSTRACT: The need of phytopatogenic fungi of vitamins can reflect the degree to which these vitamins of the host plants are obtainable for the parasite. This depends on the need of the parasite of exogenous absorption of only such vitamins it finds in the host plant. For this reason the investigation of the dynamics of the vitamins of the affected plants is very important for the knowledge of their rôle in the interactions between plant and parasite. The authors have observed the content of thiamine, pantothenic acid, and biotine in the wheat leaves. The material to be observed was collected in the region of Przhevalsk, a station of the Kirghiz Institute for Agriculture; the material was in the flower- and ear stage. It was fixed at 75°. The summary of the investigations of the authors is the following: The thiamine-, pantothenic acid-, and biotine content increases in the wheat leaves affected by rust. There is

Card 1/2

20-5-44/48

Dynamics of the Vitamin Content in the Leaves of Wheat, as Affected With Rust

a constant dependence of the degree of affectedness on the biotine content. The spores of the yellow rust (Puccinia glumarum) contain the highest biotine- and pantothenic acid content observed for the vegetable- and animal kingdom. The thiamine- and pantothenic acid content is by 1,5 - 2 times lower in the case of resistant (obtained by means of selection) wheat species than in the case of contagious hybrids. The yellow rust with spores rich in vitamins developed on a substratum rich in vitamins (young plants). The gray-brown rust (Puc. triticina) which spores are poorer in vitamins attacks plants in higher stages of development, i.e. it prefers a substratum poorer in vitamins. There are 4 tables, 7 references, 3 of which are Slavic.

ASSOCIATION: Main Botanic Garden (Glavnyy botanicheskiy sad Akademii nauk SSSR)

PRESENTED: May 10, 1957, by N. V. Tsitsin, Academician

SUBMITTED: May 9, 1957

AVAILABLE: Library of Congress

Card 2/2

FILIPPOV, V.V.

Antagonistic effect of vegetable extracts on vitamins [with summary in English]. Biokhimiia 23 no.3:461-470 My-Je '58 (MIRA 11:8)

1. Glavnyy botanicheskiy sad AN SSSR, Moskva.
(PANTOTHENIC ACID, metabolism.
Saccharomyces cerevisiae, antag. eff. of various plants extracts (Rus))
(PLANTS, extracts,
eff. on Saccharomyces cerevisiae pantothenic acid (Rus))
(SACCHAROMYCES CEREVISIAE, metabolism,
pantothenic acid, eff. of various plants extracts (Rus))

FILIPPOV, V.V.

Distribution of biotin and pantothenic acid in reproductive organs of plants. Biul.Glav.bot.sada no.33:94-101 '59.
(MIRA 12:10)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR i Khabarovskiy pedagogicheskiy institut.
(Biotin) (Pantothenic acid) (Plants--Chemical composition)

FILIPPOV, V.V.

Dynamics of biotin and pantothenic acid in plants in relation to growth and respiration. Vitaminy no.4:193-198 '59.
(MIRA 12:9)

1. Pedagogicheskiy institut, Khabarovsk.
(BIOTIN) (PANTOTHENIC ACID) (PLANTS, EFFECT OF VITAMINS ON)

FILIPPOV, V. V.

Operation and repair of single-shoveled exacavators Moskva, Gos. Transp. zhel-dor izd-vo, 1952. 350 p. (53-16773)

TA735.F53

FILIPPOV, V. V. and GORODINOV, P. T.

"Hard Soldering of Stamped Steel Products," Avt. trakt. prom., No.8, 1952

GALANIN, K.P.; FILIPPOV, V.V., inzhener, redaktor; VERINA, G.P., tekhnicheskiy redaktor

[Stone-cutting machine for underground quarrying of stone blocks] Kamnereznaia mashina dlia podzemnoi dobychi shtuchnykh kamnei. Moskva, Gos. transp.zhel-dor. izd-vo, 1954. 78 p. (MLRA 10:1)
(Stonecutting)

FILIPPOV, V. V.

7646. FILIPPOV, V. V. -- Kholodnaya shtampovka v mashinostroyenii. pod red. V. D. Golovleva. M., mashgiz, 1954. 280 s. s ill. 27 sm. 8.000 ekz. 13 R. 50K. v per. -- pered zagl. avt: G. N. Rovinskiy, S. V. Alabin, V. V. Filippov, K. A. Kalachev I V. G. Zybin. -- Bibliogr: s. 278(30 nazv.) -- (55-3908)P
621.96 & (016.3)

SO: Knizhnaya Letopsis', Vol. 7,1955

TROITSKIY, Vladimir Vasil'yevich; IVANOVA, M.N., inzhener, redaktor; FILIPPOV, V.V., inzhener, redaktor; YUDZON, D.M., tekhnicheskiy redaktor

[Design, operation and repair of single-shovel excavators (E-505, OM-201, E-1004)] Ustroistvo, ekspluatatsiia i remont odnokovshovykh ekskavatorov (E-505, OM-201, E-1004). Moskva, Gos. transp. zhel-dor. izd-vo, 1954. 436 p. [Microfilm] (MLRA 8:3)

(Excavating machinery)

FILIPPOV, V. V. and YEVENKO, V. I.

"Processes of Intake and Exhaust in Steam Engines," State-Scientific-Technical Publishing House for Literature on Machine Building, Moscow, 1955

This book contains equations establishing the relation between pressure and volume in steam engine cylinders during intake and exhaust of steam. Examples of designing intake and exhaust lines are given.

D 492027

Filippov, V.V.

ISTOMIN, Georgiy Petrovich, inzh.; RESH, Fridrikh Frantsevich, inzh.; FILIPPOV, V.V., inzh., retsenzent; MELKYEV, A.S., inzh., red.; MATVEYEVA, Ye.N., tekhn.red.

[Cranes on rubber-tired wheels and railroad cranes] Pnevmokolesnye zheleznodorozhnye kranv. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1958. 326 p. (MIRA 11:7)
(Cranes, derricks, etc.)

MEYNERT, Vladimir Adamovich; FILIPPOV, V.V., inzh., retsenzent; NIKITIN, A.G., inzh., red.; UVAROVA, A.F., tekhn.red.

[Wheel-type excavators] Rotornye ekskavatory. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 156 p. (MIRA 12:5)
(Excavating machinery)

25(1)
12(2)

SOV/113-59-6-2/21

AUTHORS: Filippov, V.V., Glebkin, P.M.

TITLE: Selecting the Optimum Variants for the Mechanization and Automation of Cold Pressing

PERIODICAL: Avtomobil'naya promyshlennost', 1959, Nr 6, pp 2-5 (USSR)

ABSTRACT: The article contains formulae for calculating the economic effectiveness of mechanizing and automating cold-pressing of automobile parts. In the USSR cold-pressed parts constitute 65% of the weight of sedans and 40% of trucks, but at many plants the presses are only used to 35% of their capacity. The formulae mentioned are as follows:

$$= K_n(H_c T_1 + Y_c T_2 + A_{ap})$$

where
= the annual saving in rubels

Card 1/4

Selecting the Optimum Variants for the Mechanization and Automation of Cold Pressing

K_n = the number of batches of articles pressed annually

= the number of articles in each batch

H_o = the difference in the labor needed to produce the article before and after introduction of the suggested measures (in hours)

T_1, T_2 = the hourly tariff rate of pay for pressing and adjustment work of the corresponding category, increased by 13.5% (extra pay and social insurance) in rubels

Y_o = the difference in the labor needed to mount and adjust the press (including social insurance) in rubels

A_{np} = savings on the depreciation deductions from the cost of the press from the pressing of one batch in rubels

Selecting the Optimum Variants for the Mechanization and Automation of Cold Pressing

$$A_{np} = \frac{C_{np}\ 8,7}{100} (H_1 \quad Y_1)$$

where

C_{np} = the prime cost of the press in rubels

8,7 = the annual depreciation norm in % of the prime cost

= the actual operation time of the press in hours

H_1 = the difference in the machine time taken to press one part before and after introduction of the suggested measures in hours

U_1 = the difference in the machine time taken for installation and adjustment of the press before and after the introduction of the suggested measures in hours.

Card 3/4

Selecting the Optimum Variants for the Mechanization and Automation of Cold Pressing

Formulae are also given for calculating the expenditure on automation and mechanization, and the period needed to recoup expenditure. Examples of the application of these formulae are given. There are 4 tables.

ASSOCIATION: NIITAvtoprom

Card 4/4

FILIPPOV, Vladimir Vladimirovich, kand.tekhn.nauk; PUL'MANOV, N.V., kand.tekhn.nauk, retsenzent; BASENTSYAN, A.A., red.izd-va; SOROKINA, G.Ye., tekhn.red.

[Intake and outlet processes in piston compressors; calculating valve motion and intake and outlet processes] Protsessy vpuska i vypuska v porshnevykh kompressorakh; raschety dvizheniia klapanov i protsessov vpuska i vypuska. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 140 p.
(Compressors) (MIRA 13:11)

PHASE I BOOK EXPLOITATION SOV/3937

Filippov, Viktor Vasil'yevich, Viktor Yakovlevich Shekhter, and Vladimir Ivanovich Olenev

Mekhanizatsiya i avtomatizatsiya listovoy shtampovki (Mechanization and Automation of Cold Stamping) Moscow, Mashgiz, 1960. 184 p. Errata slip inserted. 5,000 copies printed.

Ed.: Yu. V. Beyer, Engineer; Tech. Ed.: Z. I. Chernova; Managing Ed. for Literature on Heavy Machine Building (Mashgiz): S. Ya. Golovin, Engineer.

PURPOSE: The book is intended for technical personnel and may also be used by students of tekhnikums and schools of higher technical education.

COVERAGE: The book deals with experience acquired in the mechanization and automation of cold-stamping processes. The problems of automation and mechanization in the stamping of both small and large pieces are discussed in detail. A special section deals with the determination of the technical and economic effectiveness of mechanization and automation. Data was provided by the Gor'kovskiy avtozavod (Gor'kiy Automobile Plant), the Moskovskiy avtozavod imeni Likhacheva

Card 1/3

(Moscow Automobile Plant imeni Likhachev), the Nauchno-issledovatel'skiy institut tekhnologii avtomobil'noy promyshlennosti (Scientific Research Institute of Technology for the Automobile Industry), and non-Soviet publications. No personalities are mentioned. There are 100 references: 76 Soviet, 20 English, and 4 German.

TABLE OF CONTENTS:

Mechanization and Automation (Cont.) SOV/3937

AVAILABLE: Library of Congress
Card 3/3

VK/pw/fal
8-31-60

BONDARENKO, N.A., inzh.; RATNER, A.M., inzh.; SOKOLOV, K.A., inzh.; GUBANOV, N.P., inzh.; SORIN, N.M., inzh.; TARAKANOV, G.P., inzh.; IVANOV, S.M., inzh.; NIRK, A.D., inzh.; ROVKAKH, S.Ye., kand.tekhn.nauk; FILIPPOV, V.V., inzh.; KHAYKIS, L.B., kand.tekhn.nauk; LEBEDEV, V.I., inzh.; VELICHKIN, Ye.A., inzh., red.; KHITROV, P.A., tekhn.red.

[Handbook for machinery operators of construction areas] Spravochnik mekhanika stroitel'nogo uchastka. Moskva, Vses.izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 619 p.
(MIRA 14:1)

(Building machinery--Maintenance and repair)

DOBROKLONSKIY, S.V.; FILIPPOV, V.V.

Absolute calibration of large hydrophones in the subsonic frequency region by the pistonphone method. Trudy MGI 20:3-19 '60.
(MIRA 13:10)

(Underwater acoustics--Apparatus)
(Calibration)

FILIPPOV, V.V.

Conference of press manufacturers. Kuz.-shtam. proizv. 3 no. 2:48 F '61. (MIRA 14:1)
(Machinery industry--Congresses)

FILIPPOV, V. V., FOMDARENKO, I. I., NIKOLAYEV, M. N.

"Measurement of Resonance Parameters of Cross-Sections affecting Fast-neutron propagation in Various media.

report submitted for the IAEA Seminar on the Physics of Fast and Intermediate Reactors, Vienna, 3-11 Aug 1961.

Acad. Sci. USSR, Moscow

Automation of Cold [Metal] Stamping Production SOV/5560

COVERAGE: The collection contains reports delivered at the Kiyev Scientific and Technical Conference by workers of machine and instrument plants, design organizations, and scientific research and educational institutes. The Conference was sponsored by the Kiyevskoye oblastnoye Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti (Kiyev Oblast Administration of the Scientific and Technical Society of the Machine-Building Industry) and by the Ukrainskoye respublikanskoye pravleniye Nauchno-tekhnicheskogo obshchestva priborostroitel'noy promyshlennosti (Ukrainian Republican Administration of the Scientific and Technical Society of the Instrument-Making Industry). The purpose of the Conference was to discuss the achievements and practical experience (especially at the Gor'kiy Automobile Plant, the VEF Plant, and Leningrad factories) in the automation of stamping production. The Conference also served to acquaint a wide number of machine and instrument builders with the present state of automation in these fields and with the prospects for its further development. Papers dealing with experience in the design and operation of automatic devices, presses, and rotomatic production lines used in stamping production were discussed. No personalities are mentioned. References accompany most of the articles.

TABLE OF CONTENTS:

21

PHASE I BOOK EXPLOITATION SOV/5560

Colubev, F.N., Doctor of Technical Sciences, Professor, and I.F. Tarkhovskiy, Candidate of Technical Sciences, Docent, eds.

Avtomatizatsiya kholodnoshtampovochnogo proizvodstva (Automation of Cold [Metal] Stamping Production) Moscow, Mashgiz, 1961. 282 p. 6,000 copies printed.

Sponsoring Agency: Gosudarstvennyy nauchno-tekhnicheskiy komitet Soveta Ministrov RSFSR. Institut tekhnicheskoy informatsii. Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Kiyevskoye oblastnoye pravleniye. Nauchno-tekhnicheskogo priborostroitel'noy promyshlennosti. Ukrainskoye respublikanskoye pravleniye.

Ed.: M.S. Sorokin; Tech. Ed.: N.S. Gorokstaypol'skaya; Chief Ed.: (Southern Dept. Mashgiz): V.K. Serdyuk, Engineer.

PURPOSE: This collection of articles is intended for workers at machine and instrument plants and scientific research and design institutes.

Card 1/5

BELYAKOV, Vladimir Trofimovich; PANOV, Nikolay Nikolayevich; FILIPPOV, Vasiliy Vasil'yevich; DRUZHINSKIY, M.V., inzh.-podpolkovnik, red.; KRASAVINA, A.M., tekhn. red.

[Maintenance of helicopters] Tekhnicheskaia ekspluatatsiia vertoletov. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 311 p. (Helicopters--Maintenance and repair) (MIRA 15:2)

FILIPPOV, Vladimir Vasil'yevich; SUKHORUKOV, K.T., doktor biol. nauk, otv. red.; MIKHLIN, E.D., red.izd-va; KASHINA, P.S., tekhn. red.

[Biotin in plants and animals] Biotin v rastitel'nom i zhivotnom organizmakh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 231 p. (MIRA 15:2)

(Plants--Biotin content) (Animals--Biotin content)

FILIPPOV, Vasiliy Vasil'yevich; ROVKAKH, S.Ye., kand. tekhn. nauk, retsenzent; SOKOLOV, K.A., inzh., retsenzent; VELICHKIN, Ye.A., inzh., red.; KHITROVA, N.A., tekhn. red.

[Operation and repair of a bucket excavator] Ekspluatatsiia i remont odnokovshovykh ekskavatorov. 2., perer. izd. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 383 p. (MIRA 15:3)

(Excavating machinery)

FILIPPOV, Viktor Vasil'yevich; SHEKHTER, Viktor Yakovlevich; OLENEV, Vladimir Ivanovich; ROMANOVSKIY, V.P., kand. tekhn. nauk, red.; LISITSYN, V.D., kand. tekhn. nauk, red.; KUREPINA, G.N., red. izd-va; BARDINA, A.A., tekhn. red.

[Fully and semiautomated sheet metal working lines] Avtomaticheskie i avtomatizirovannye kholodnoshtampovochnye linii. Pod obshchei red. V.P.Romanovskogo. Moskva, Mashgiz, 1962. 81 p. (Bibliotechka shtampovshchika, no.1) (MIRA 15:9)
(Automation) (Assembly line methods) (Sheet-metal work)

ACCESSION NR: AT4003122 S/2667/63/000/020/0003/0029

AUTHOR: Filippov, V. V.

TITLE: Variability of mean air temperature with wind direction and velocity on the Barents Sea

SOURCE: Moscow. Nauchno-issledovatel'skiy institut aeroklimatologii, Trudy*, no. 20, 1963, 3-29

TOPIC TAGS: climatology, meteorology, air temperature, mean air temperature, wind, wind direction, wind velocity, Barents Sea climatology, air temperature variability, temperature wind relationship, temperature dispersion, heat radiation, heat transfer, advection, evaporation, condensation, evaporation heat transfer, condensation heat transfer, transpiration, advective heat transfer, temperature rose

ABSTRACT: The process of radiation transfer depends mainly on the quantity and forms of clouds which are in turn determined by the direction and intensity of the wind. The heat transfer becomes stronger when the wind, independent of the direction of heat transfer, begins the formation of foam. This foam increases the reflectivity of the sea surface, causing the albedo to reach 40-50% and increasing the heat radiation from the sea surface. Local temperature variability can be considered a function of two variables: the "generalized wind factor" which includes all processes depending on the wind velocity and direction, and

ACCESSION NR: AT4003122

the "non-wind factor", which includes all other processes considered as sources of accidental air temperature variability. Tests have been made with 8 wind directions and 32 velocities and, by the method of dispersion analysis, some conclusions were reached: The yearly air temperature variations were recorded according to wind directions for the regions located at different distances from the shore: the open sea, the shore waters, and the coast. In the yearly cycle the heat advection on the Barents Sea was influenced by S.W. winds, the cold advection by N.E. winds. In the coastal zone the influence of wind on the air temperature depended chiefly on the thermal contrast between the sea and the continent. In the open sea region, northern winds had the greatest influence. In general, it is emphasized that the influence of the wind on the air temperature is determined by the existence of seasonal and constant thermal contrasts and their intensity. Orig. art. has: 5 figures, 7 tables, and 24 formulas.

ASSOCIATION: Nauchno-issledovatel'skiy institut aeroklimatologii (Scientific Research Institute of Aeroclimatology)

SUBMITTED: 00 DATE ACQ: 14Jan64 ENCL: 00

SUB CODE: ES NO REF SOV: 010 OTHER: 002

Card 2/2

S/182/63/000/001/011/012
A004/A126

AUTHOR: Filippov, V. V.

TITLE: All-Union scientific and technical conference on remote control and program control in forging and stamping production

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, no. 1, 1963, 47 - 48

TEXT: A scientific and technical conference on the above subject was convened in June, 1962, by the Metal Pressure-Working Section of the Central Administration NTO Mashprom, Gosudarstvenny komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (State Committee on Automation and Machine Building at the Council of Ministers USSR) and Moskovskiy Dom nauchno-tekhnicheskoy propagandy im. F. E. Dzerzhinskogo (Moscow House of Scientific and Technical Propaganda im. F. E. Dzershinskiy). Some 400 persons from 69 Soviet Union towns and 5 countries of People's Republics participated. 16 papers were read and 7 reports presented. The Director of ENIKMASh, N. T. Deordiyev, read a paper "Using remote- and program control in forging and stamping production"; a representative of ENIKMASh, Yu. K. Puzyrevskiy, read the paper "Program control of steam-air drop-forging hammers based on the impact energy"; the representative of ENIKMASh,

Card 1/2

All-Union scientific and technical conference on... S/182/63/000/001/011/012
A004/A126

N. S. Kotel'nikov, read a paper with the title "Program-controlled turret-type K0126 piercing press for sheet material". The representatives of the Moskovskiy stankoinstrumental'nyy institut (Moscow Institute of Machine Tools and Instruments), A. E. Artes, M. V. Polonskiy and Z. Myuller reported on the application of radioactive isotopes in forging practice. The representative of NIITraktorosel'khozmash, N. S. Derevyanko, read a paper with the title "Program-controlled installation for laying out rolled metal". V. N. Shubin read a paper "Program-controlled tube bending equipment". V. S. Vikhman reported on "Cutting bars into forging blanks according to given weight or metal volume". L. D. Gol'dman (VNIIMETMASh) read a paper with the title "Some problems concerning the remote- and program control of forging and horizontal hydraulic presses". The author enumerates the recommendations made and the resolutions passed by the conference.

Card 2/2

BLYAKHMAN, L.S.; ZDRAVOMYSLOV, A.G.; SHKARATAN, O.I.; FILIPPOV, V.V., red.

[Movement of personnel in industrial enterprises] Dvizhenie rabochei sily na promyshlennykh predpriiatiiakh. Moskva, Ekonomika, 1965. 149 p. (MIRA 18:7)

KASIMOVSKIY, Ye.V.; BRAGINSKIY, B.I.; BUKHANEVICH, B.A.; MANEVICH, Ye.L.; SHKURKO, S.I.; KAPUSTIN, Ye.I.; MAYYER, V.F.; MIL'NER, G.V.; GOTLOBER, V.M.; CHUFAROVA, G.P.; RIMASHEVSKAYA, N.M.; MARKOV, V.I.; MIRKIN, V.D.; FILIPPOV, V.V., red.

[Problems of labor economics] Problemy ekonomiki truda. Moskva, Ekonomika, 1965. 309 p. (MIRA 18:8)

L 4871-66 EWT(m)/EPF(c)/T DJ

ACC NR: AP5026563 SOURCE CODE: UR/0286/65/000/019/0126/0126

INVENTOR: Andrusenko, P. I.; Dolganov, K. Ye.; Kislov, V. G.; Koshman, E. I.; Filippov, V. V.; Shukshin, N. P.

ORG: none

TITLE: All-speed hydraulic governor. Class 60, No. 175396

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 19, 1965, 126

TOPIC TAGS: hydraulic rpm governor, internal combustion engine component, slide valve

ABSTRACT: An Author Certificate has been issued for an all-speed hydraulic rpm governor (see Fig. 1) for the internal-combustion engine covered in Author Certificate No. 147453. To prevent sticking of the actuator piston and the weighted slide valve, radial channels have been incorporated in the sensor housing and rotor, which periodically connect the internal cavity of the housing to a low-pressure cavity, thus pro-

Card 1/2 UDC: 621.43-552.8

ACC NR: AP5026563

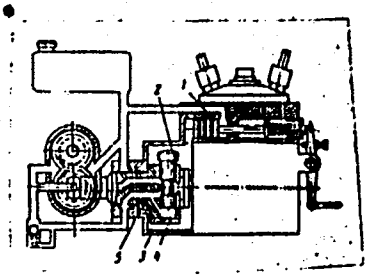


Fig. 1. All-speed hydraulic governor

1 - Actuator piston; 2 - weighted slide valve; 3 - housing; 4 - rotor; 5 - radial channels.

viding for oscillating motion of the piston and weighted slide valve. Orig. art. has: 1 figure. [LB]

SUB CODE: PR, IE/ SUBM DATE: 04Mar64/ ATD PRESS: 4136

Card 2/2

(A) L 11646-66 EWT(d)/EWT(m)/EWP(f)/T/EWA(c) DJ

ACC NR: AP6002953 SOURCE CODE: UR/0286/65/000/024/0124/0125

INVENTOR: Dolganov, M. S.; Milyayev, G. G.; Kotov, A. G.; Filippov, V. V.; Gus'kov, N. G.; Koshman, E. I.

ORG: none

TITLE: Rotary fuel pump. Class 46, No. 177228 [announced by Noginsk Fuel Equipment Factory (Noginskiy zavod toplivnoy apparatury)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 124-125

TOPIC TAGS: fuel pump, internal combustion engine

ABSTRACT: The proposed pump for internal combustion engines contains a pressure valve, a measuring device, and a rotor-distributor with pressure pistons positioned opposite one another which are driven by a fixed cam plate (see figure). To improve the engine's operation by improving the cut-off at the end of the injection, the measuring device is made in the form of a sliding sleeve with an internal annular groove radially located in the rotor. The piston also has an annular groove whose position, relative to the sleeve groove, determines the piston's stroke.

Card 1/2 UDC: 621.43.031

L 11646-66

ACC NR: AP6002953

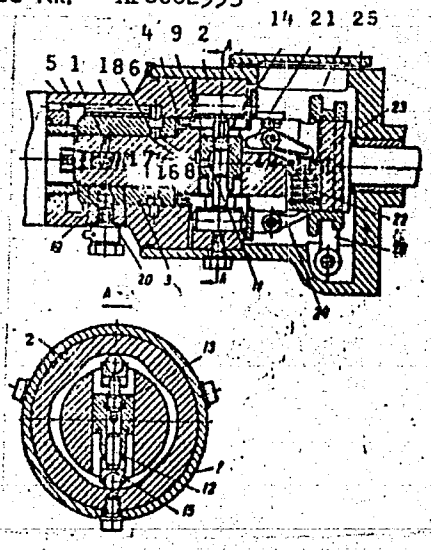


Fig. 1. Fuel pump

1 - Pump housing; 2 - cam plate; 3 - bearing sleeve; 4 - rotor; 5 - chamber; 6,7,8 - fuel feed channels; 9 - sliding sleeve; 10 - annular groove; 11 - openings; 12 - smooth piston; 13 - piston with annular groove; 14 - piston port; 15 - roller tappet; 16 - central rotor channel; 17 - pressure valve; 18 - distribution channel; 19 - fuel outlet channel; 20 - outlet to fuel injector; 21 - double-arm lever; 22 - spring; 23 - corrector; 24 - pressure arm; 25 - clutch; 26 - control lever.

In a variation of this pump, a double-arm lever is mounted in the rotor groove; one arm is connected to the sliding sleeve and the other, to the regulator spring. Orig. art. has: 1 figure. [TN]

SUB CODE: 21/ SUBM DATE: 03Jul64/ ATD PRESS: 4175

Card 2/2

FILIPPOV, V.V.

Experience in multifactor dispersion analysis of air temperature according to ship observations. Trudy NIIAK no.33:133-166 '65.

Experience in using sorting machines for random selection from a set of meteorological observations. Ibid.:167-172 (MIRA 18:12)

L 9452l-67 EWT(l) GW

ACC NR: AT6013755 (N) SOURCE CODE: UR/2667/65/000/033/0133/0166

6
B+1

AUTHOR: Filippov, V. V.

ORG: none

17

TITLE: Experimental use of analysis of variance of air temperature based on ship observations

SOURCE: Moscow. Nauchno-issledovatel'skiy institut aeroklimatologii. Trudy, no. 33, 1965. Voprosy klimatologii (Problems in climatology), 133-166

TOPIC TAGS: climatology, atmospheric temperature, wind direction, wind velocity, cloud cover, computer application, research ship

ABSTRACT: The method of analysis of variance is used to estimate the levels of essentiality of the influence of three factors on air temperature in the near-water layer: direction and velocity of wind and lower cloud cover, with consideration of the contrast of temperatures with the water surface. The influence is investigated for each factor separately and for their natural combinations. The essentiality of the effect of individual gradations of each factor and their natural combinations is elicited by a detailed analysis. The investigation was carried out by using the punched cards of ship observations in one of the open regions of the Sea of Japan. A schematic description of the technology of calculations on computers is given.

Card 1/2

L 04521-67

ACC NR: AT6013755

The average values of the essential anomalies are used for the climatological conclusions. By using analysis of variance, data are obtained which give a new concept on the variability of climatological characteristics on the basis of only essential variations with consideration of the meteorological conditions which generate them. It was possible to elicit by this method certain local characteristics of the climatic variability of air temperature near the water surface and, in particular, to establish characteristic changes relative to local development of a monsoon climate; to show the exceptional influence of the subjacent surface owing to intense radiation into the atmosphere, against a background of which it is difficult to detect radiation changes of temperature from the cloud cover; and to reveal that essential variations of temperature depend primarily on circulation conditions, which are manifested in the predominating influence of the factors of wind velocity and direction and their combinations. The results of this work can serve as grounds for the further development of the principles of analysis of variance in climatology by using computers, particularly for investigating the significance of climatological characteristics. If there is a sufficient volume of information the factors should be taken into account by types of circulation. Orig. art. has: 12 tables, 3 figures, and 18 formulas.

SUB CODE: ~~12~~, 04/ SUBM DATE: none/ ORIG REF: 006

Card 2/2

L 05247-67 EWT(1) GW
ACC NR: AT6013756 (N) SOURCE CODE: UR/2667/65/000/033/0167/0172

AUTHOR: Filippov, V. V.

37
B+1

ORG: none

TITLE: Use of sorting machines for random sampling of the population of meteorological observations

12

SOURCE: Moscow. Nauchno-issledovatel'skiy institut aeroklimatologii. Trudy, no. 33, 1965. Voprosy klimatologii (Problems in climatology), 167-172

TOPIC TAGS: data sampling, meteorologic observation, punched card

ABSTRACT: This article discusses the criteria of random sampling from a population of meteorological observations stored in the form of punched cards. Two methods of sampling are proposed: mixing of the punched cards with respect to a sign which does not depend upon the studied element, such as the last figure of an observational data or the average of three figures of an observational period, with an arbitrary sampling of a prescribed volume of data and, by dividing the punched cards into two parts made up of alternating cards with an arbitrary selection of a prescribed volume of sampling. An example of random sampling of a prescribed volume from the population of ship-board meteorological observations is examined.

Card 1/2

L 05247-67
ACC NR: AT6013756

The author states that on the basis of the data presented in this article it is difficult to make generalizing conclusions, however it is stated that if the frequency of a sign in the starting population is close to 1%, the sampling with respect to this sign from a population comprising 1.5-3.0 of the volume of the sample itself can be nonrepresentative with a sufficiently high probability. It is pointed out in conclusion that a further improvement of the mechanized method of random data sampling is desirable in order to eliminate manual operations and to develop special randomizing devices adapted to operations with punch cards. Orig. art. has: 2 formulas and 1 table.

SUB CODE: 04, 09/ SUBM DATE: none/ ORIG REF: 003/ OTH REF: 001

Card 2/2

L 31090-66

ACC NR: AP6025467 SOURCE CODE: UR/0108/66/021/004/0040/0048

AUTHOR: Terent'yev, B. P. (Active member); Shteyn, B. B. (Active member); Filippov, V. V. (Active member); Kokin, L. B. (Active member)

ORG: Scientific-Technical Society of Radio Technology and Electrocommunications im. A. S. Popov (Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi)

TITLE: Suppression of harmonics in radio transmitters with symmetrical transformers

SOURCE: Radiotekhnika, v. 21, no. 4, 1966, 40-48

TOPIC TAGS: electric transformer, radio transmitter, harmonic analysis, electric capacitance, electronic component

ABSTRACT: An analysis of the possibility of weakening single-cycle harmonics in a transmitter by connection of symmetrical transformer between the coupling condensor and the antenna feedor. The expression for the transmission coefficient of the transformer is analyzed. Experimental material is presented. Proper design of the transformer used can not only suppress the higher harmonics, but also reduce the influence of paracitic capacitance between windings. The parameters of the transformer suggested (compare schematics below with and without) are such that normal loading of the transformer is retained in the operating frequency range. A. P. Nosov, O. V. Bobov, Yu. B. Shumov, V. V. Furduyev and V. K. Alekseyev took part in the carrying out of the experimental measurements. Orig. art. has: 15 figures and 16 formulas. [JPRS: 36,087]

SUB CODE: 09 / SUBM DATE: 14Dec64 / ORIG REF: 003

Card 1/1

UDC: 621.396.61

FILIPPOV, Ya. G.

99-7-12/14

SUBJECT: USA, ENGLAND, AUSTRALIA/Plastic Pipes

AUTHOR: Filippov, Ya.G., Engineer.

TITLE: "Plastic Pipes used by the Farming Industry Abroad" (Gibkiye plastmassovyye truby v sel'skom khozyaystve za rubezhom)

PERIODICAL: "Gidrotekhnika i Melioratsiya", 1957, # 7, pp 58-60, (USSR)

ABSTRACT: Plastic pipes are being widely used in the USA, England and Australia for water supply and melioration. Two types of plastic tubes are in use: soft (flexible) made of polyethylene, and semi-rigid, made of butirate. The semi-rigid tubes are used for piping of crude oil, saline water and natural gas, and for sewage and drainage purposes. The flexible pipes are mainly used for general water supply and irrigation. Innovations are the double pipe "Twin-du-it" and the steel cable reinforced pipe "Sub-du-it". Lately, plastic pipes are being used in the USA for subsurface drainage.

The article contains 3 photographs, and 4 references.

Card 1/2

FILIPPOV, Ya., K.

FILIPPOV, Ya. K., PERZADAYEV, O. P., ZHIRKOVA, Z. Ye.

"Identification of salmonella in Chkalov Oblast' and their pathogenicity in the young of farm animals"

Veterinariya, Vol 28, no 1, 1950.

FILIPPOV, YA. K.

Ya. K. FILIPPOV, author of Yashchur sel'skokhozyaystvennykh zhivotnykh ("Hoof and Mouth Disease in Farm Animals") Chkalov, Chkal. izd., 1951. 7 pages. (Chkal. obl. Administration of Agriculture. Administration of Agricultural Propaganda. Veterinary Division). Unbound. 1,500 copies.

SO: [redacted] Report U-4502; 28 August 1953. [redacted].

(From: NEW BOOKS ON VETERINARY MEDICINE Veterinariya, No. 11, pp. 63,64, Nov. 1951, Moscow, Russian mo per.)

FILIPPOV, Ye., kapitan

Evaluation of physical training. Voen. vest. 39 no.6:80 Je '59.
(MIRA 12:9)
(Physical education and training, Military)