Klokner, F.

Permanent and dignified home must be provided for scientific-technological societies. p. 253. INZENYRSKE STAVBY. (Ministerstvo stavebnictvi) Praha. Vol. 4, no. 6, June 1956.

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

Automatic determination of carbon dioxide concentration in the atmosphere. M. [illegible], A. [illegible], and O. Klokner ([illegible], Bratislava, Czech.). Chem. zvesti 15, 465-75(1960)(German summary).—An instrument based on the principle of photocolorimetry is described.

Jan Micka

KLOKNER, CRANTISEK.

Staticke tabulky. 5. prepracovane a roxsirene vyd. Praha, Statni nakl. technicke literatury, 1954. 433 p. (Technicky pruvoduce, sv. 19, II) /Static tables. 5th rev. and enl. ed. bibl., index/

SOURCE: East European List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

KLO'KO-ZHOVNIR, YU. F.

26944

Issle Dovanie Fazovykh Ravnovesiy. Binarnykh Sistem: Atsenaften—Fluoranten, Fenantren—Fluoranten, Flurorei—Fluoranten I Naftalin—Fenantren. (Soobshch.2) Zhurnal Prikl. Khinii, 1949, No. 8, S. 848-52.

SO: LETOPIS NO. 34

L 09169-67 EWT(m)/EWP(t)/ETI/EWP(k) IJP(c) JD

ACC NR: AP7002300 SOURCE CODE: UR/0133/66/000/001/0046/0049

AUTHOR: Dubrovin, A. S.; Agarkova, N. A.; Shestakov, S. S.; Lastovitskaya, K. S.; Klokotina, L. I.

ORG: Chelyabinsk Scientific Research Institute of Metallurgy and Chelyabinsk Electrometallurgical Combine (Chelyabinskiy n.-i. institut metallurgii i Chelyabinskiy elektrometallurgicheskiy kombinat)

TITLE: Optimal conditions for melting ferromolybdenum

SOURCE: Stal', no. 1, 1966, 46-49

TOPIC TAGS: iron alloy, molybdenum alloy, metal melting

ABSTRACT: The optimal average temperature for melting ferromolybdenum is 1850-1950°C in which the heating process is determined to a large degree by duration of the process.
Control of process rate and, consequently, process temperature for metallothermal melting of ferromolybdenum can be achieved by changing size of charge components. Grinding ferrosilicon to less than 0.1 mm helps to accelerate the process and to reduce consumption of aluminum by a factor of 1.5-2. Maximum extraction of molybdenum into an ingot of suitable metal (up to 97.5%) and a significant lowering of the amount of tailings are simultaneously during grinding of the concentrate. Optimal conditions of the melting process

Card 1/2

0935 0570

L 09169-67

ACC NR: AP7002300

are insured at a concentrate particle size to ferrosilicon particle size ratio of 1.5-1.7. Orig. art. has: 4 figures, 8 formulas and 1 table. [JPRS: 35,526]

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 006 / OTH REF: 002

Card 2/2 nst

L 27304-65 EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JG
ACCESSION NR: AP4047951 S/0020/64/158/005/1183/1185

AUTHOR: Gorokh, A.V.; Klokotina, L.I.; Rispel', K.N.

TITLE: The behavior of molybdenite and the products of its dissociation during heating

SOURCE: AN SSSR. Doklady*, v. 158, no. 5, 1964, 1183-1185, and insert facing p. 1184

TOPIC TAGS: molybdenite, molybdenum refining, sintered molybdenite, molybdenum sulfide

ABSTRACT: Five samples of powdered Balkhash molybdenite concentrate were heated for 1 to 7 hrs. at 760C and 1-37 mm Hg and the oven temperature was gradually raised to 1170-1200, 1450-1520, 1470-1550, 1540-1650, and 1500-1700C, using alundum and molybdenum crucibles, in a study of the mechanism of molybdenite thermal dissociation. The sintered products, found to be in different stages of decomposition, were investigated microscopically, chemically and with the use of x-ray structural analysis. Thermal decomposition of molybdenite to Mo_2S_3, found to be complete in a reducing atmosphere at 760 mm and 1500C, was intensified by high-vacuum at lower temperatures. The Mo_2O_3 began to dissociate at temperatures in excess of 1500C at atmospheric pressure and at 1250-1300C at 1 mm Hg. The samples melted as the Mo/S ratio approached unity, and the

Card 1/2

L 27304-65

ACCESSION NR: AP4047961

formation of a metallic phase of dendritic or irregular form, the final product of dissociation, was observed as the ratio reached a value of 4:3. In a high vacuum of 1×10^{-2} to 1×10^{-4} mm Hg, dissociation of Mo_2S_3 was also found to take place in the solid phase at 1100 - 1200C. Orig. art. has: 8 photomicrographs and 1 table.

ASSOCIATION: Chelyabinskiy nauchno-issledovatel'skiy institut metallurgii (Chelyabinsk metallurgical scientific research institute)

SUBMITTED: 09May64 ENCL: 0 SUB CODE: IC, MM

NO REF SOV: 003 OTHER: 000

Card 2/2

CHERNYSH, V.; BABAKHADZHAYEV, A. (st.Kagan Tashkentskoy zheleznoy dorogi); FEDOTOV, G. (Penza); KLOKOV, A. (Yaroslavl'); SKVORTSOV, A. (Yaroslavl'); CHISTYAKOV, M. (Tula); SEROV, B. (poselok Nizhneangarsk, Buryatskaya ASSR); SANAKOYEV, I. (Magadanskaya oblast'); AGAFONOV, G., instruktor profilaktiki (Yegor'yevsk, Moskovskaya obl.); MALANOV, V. (Chelyabinsk)

Readers' letters. Pozh.delo 7 no.9:31 S '61. (MIRA 14:11)
(Fire prevention)

KLOKOV, A.; SERGEYEV, A.

The plant was saved. Pozh.delo 9 no.2:19 F '63. (MIRA 16:3)
(Yaroslavl—Firemen)

BAB'IKHADIYA, V.I., kand. med. nauk; KLOKOV, A.K.

Experience in organizing control of the mortality of mothers. Akush. i gin. no.6:122-125 N-D '63. (MIRA 17:12)

1. Glavnyy akusher-ginekolog Chernigovskogo oblastnogo otdela zdravookhraneniya (for Babukhadiya). 2. Nachal'nik oblastnogo byuro sudebnomeditsinskoy ekspertizy, Chernigovsk (for Klokov).

KLOKOV, A.L.

Significance of investigations of the function of the cardiopulmonary system in early diagnosis of asbestosis. Sov. med. 24 no. 10:98-101 O '60. (MIRA 13:12)

1. Iz klinik gospital'noy fakul'tetskoy terapii (zav. - prof. M.E. Vasilevskiy i dotsent V.D. Dubinin) Yaroslavskogo meditsinskogo instituta i kafedry professional'nykh bolezney i gigiyeny truda s ekspertizoy trudosposobnosti (zav. - prof. I.G. Fridlyand) Leningradskogo instituta usovershenstvovaniya vrachey.
(LUNGS—DUST DISEASES) (CARDIOVASCULAR SYSTEM)

KLOKOV, A. L.

Cand Med Sci - (diss) "Significance of functional disorders of the pulmonary-heart apparatus in early diagnostics of asbestosis." Leningrad, 1961. 17 pp; (Leningrad State Order of Lenin Inst for Advanced Training of Physicians imeni S. M. Kirov); 300 copies; price not given; (KL, 5-61 sup, 203)

KLOKOV, A.N., inzhener.

Sectional multipurpose attachments work experience of the Kolomna Textile Machinery Construction Plant. Proizv.-tekh.inform. no.3:47-64 '51. (MLRA 10:3)

(Machine tools--Attachments)

KLOKOV, B. K.

112-1-708

Translation from: Referativnyy Zhurnal, Elektrotekhnika, 1957, Nr 1, p. 119 (USSR)

AUTHOR: Klokov, B. K.

TITLE: Nomograph for the Determination of the Number of Turns and the Current of the Magnetizing Winding in Tests of Armature Cores of Electric Machines (Nomogramma dlya opredeleniya chisla vitkov i toka namagnichivayushchey obmotki pri ispytanii serdechnikov elektricheskikh mashin)

PERIODICAL: Sbornik rats. predlozheniy. M-vo elektrotekhn. prom-sti SSSR, 1955, Nr 58, pp. 14-15

ABSTRACT: It is proposed to determine from the nomograph the ampere-turns of the magnetizing winding (of armature cores of electric machines) in relation to selected feeding voltage. The cross-sectional area of the armature core and its average diameter must be known. The magnetizing current can be determined from the nomograph with a ±15% accuracy. D.N.M.

Card 1/1

KLOKOV, B.K.

112-2-3282

Translation from: Referativnyy Zhurnal, Elektrotekhnika, 1957, Nr 2, p. 110 (USSR)

AUTHOR: Klokov, B. K.

TITLE: A Device for Winding Double Coils of the Split-Winding Stator of High Voltage Electric Machines (Prisposobleniye dlya namotki dvoynykh zagotovok katushek razreznoy obmotki statora vysokovol'tnykh elektricheskikh mashin) (Proposed by V. P. Elisov) (Predlozheniye V. P. Elisova)

PERIODICAL: Sb. rats. predlozheniy. M-vo elektrotekhn. prom-sti SSSR, 1955, Nr 58, pp. 23-24

ABSTRACT: The device facilitates quick winding and coil forming of high-voltage electric machine split-winding stators during repairs. The coil forms are wound on a removable former set up on former board. The former board is set in movement by a pedal-switch-actuated drive. The former is fabricated from a model of the old coil winding or from calculations.

L.A. Ya.

Card 1/1

KLOKOV, B.K., insh.

On the level of test voltages during change of rod windings in high-voltage electric machines. Vest.elektroprom. 28 no.8:66-67 Ag '57. (MIRA 10:10)

1.Byuro kontrolyalektricheskikh mashin Vsesoyuznogo elektrotekhnicheskogo tresta.
(Electric machines)

SOV/144-58-7-5/15

AUTHORS: Lopukhina, Yelena Moiseyevna, Cand.Tech.Sci., Lecturer, and Klokov, Boris Konstantinovich, Aspirant.

TITLE: Determination of the Parameters of an Induction Motor with Non-magnetic Hollow Rotor by Means of a Phase Rotating Amplifier (Opredeleniye parametrov asinkhronnoy mashiny s nemagnitnym polym rotorom s pomoshch'yu fazovrashchatelya-usilitelya)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Elektromekhanika, 1958, Nr 7, pp 42-56 (USSR)

ABSTRACT: It is very difficult to calculate the parameters of an induction motor with hollow non-magnetic rotor. It is accordingly important to be able to determine experimentally the parameters of the equivalent circuit shown in Fig 2. Unfortunately these parameters are not constant but depend on the saturation, the speed and the temperature of the machine. Methods of determining these parameters that have been described hitherto either require that the machine be dismantled or have other disadvantages. This article describes determination of the parameters by means of a phase rotating amplifier described in the articles of Suhr and Hupp Transactions

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Determination of the Parameters of an Induction Motor with Non-Magnetic Hollow Rotor by means of a Phase Rotating Amplifier

A.J.E.E. Vol 71, Part 3, 1952. The phase rotating amplifier is described in appendix 1, the phase rotator serves to adjust the phase of the output voltage relative to the input voltage so that the equipment can be used for power measurement. The instrument is a further development of that used by Suhr and Rupp; it is described as a circuit diagram given in Fig 10 and the method of adjustment is described in appendix 2. In view of the special features of machines with hollow non-magnetic rotors the procedure described by Suhr was modified and new formulae were derived for machines of this type. The basis of the method is the equivalent circuit of a single-phase machine shown in Fig 2a and the simplifying assumptions made in the work are stated. The simplified equivalent circuit derived from the original circuit and simplifying assumptions is given in Fig 2b. The parameters of the equivalent circuit are determined from two single-phase tests: synchronous no-load and short circuit. For these test conditions the equivalent circuit can be still further simplified

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Determination of the Parameters of an Induction Motor with Non-Magnetic Hollow Rotor by means of a Phase Rotating Amplifier

as shown in Figs 3 and 4. From the synchronous no-load test there may be determined the mutual reactance; the leakage reactance of the stator winding and the referred rotor resistance at double frequency. The basic equations used in determining the parameters in the synchronous no-load test are equations (6) and (10); the corresponding vector diagram is given in Fig 5a. The voltage applied to the control winding during short circuit is given by expression (11); see also vector diagram 5b. When the no-load and short circuit test results are available expression (11) may be used to determine the active resistance of the rotor. Tests can then be made using the phase rotating amplifier and a wattmeter to determine all the impedances entering into the three main equations (6), (10) and (11). The phase rotating amplifier can be used to measure power whilst taking practically no power from the measured circuit. The test circuit used is shown in Fig 6 and a series of equations is then given for the various determinations that have to be made. The values

Determination of the Parameters of an Induction Motor with Non-Magnetic Hollow Rotor by means of a Phase Rotating Amplifier

required for determining the characteristics of the equivalent circuit of the hollow rotor machine are found from two tests: synchronous no-load and short circuit with single-phase supply. In carrying out the tests it is necessary that the stator temperature should be the same in all cases and that the no-load and the short circuit tests should be carried out at the same current equal to the synchronous no-load current at rated voltage. The tests are all made on a test bench, a schematic circuit diagram of which is given in Fig 7. The test procedure is described. To illustrate the method numerical test results are given for a hollow rotor motor type ADP-362 with a useful output of 19 W on a 110 V supply. Tests were made at both normal and double frequencies. It is concluded that the active resistance of the rotor is not much affected by the frequency and, therefore, it is often sufficient to use the equivalent circuit parameters obtained from a single synchronous no-load test. The equivalent circuit obtained for the motor ADP-362 is shown in Fig 8. The

Determination of the Parameters of an Induction Motor with Non-Magnetic Hollow Rotor by means of a Phase Rotating Amplifier

correctness of the results may be judged by comparing the mechanical characteristic calculated from the experimentally determined equivalent circuit with that determined experimentally. This comparison is made in Fig 9 and the agreement is shown to be very satisfactory; the greatest difference between the torques is 8% and the starting torque as calculated differs from the experimental value by only 0.5%. It is concluded that the method can be used to determine the parameters of the equivalent circuit without dismantling the machine, that the accuracy is high and hardly any power is drawn from the measured circuit; the synchronous no-load and short circuit tests are easily usable; the necessary formulae are very simple and the method can conveniently

SOV/144-58-7-5/15

Determination of the Parameters of an Induction Motor with Non-Magnetic Hollow Rotor by means of a Phase Rotating Amplifier

be used to investigate the influence of various factors on the parameters of the machine.
There are 12 figures and 8 references, 6 of which are Soviet and 2 English.

ASSOCIATION: Kafedra elektricheskikh mashin Moskovskogo energeticheskogo instituta (Chair of Electrical Machinery, Moscow Power Institute)

SUBMITTED: May 22, 1958

Card 6/6

KAGANOV, Lev Mendelevich; KLOKOV, B.K., nauchnyy red.; KULIKOV, V.N., red.; BARANOVA, N.N., tekhn. red.

[Technology of random windings]Tekhnologiia vsypnykh obmotok. Moskva, Proftekhizdat, 1962. 139 p. (MIRA 15:8)
(Electric machinery--Windings)

MAMONTOVSKIY, Ivan Aleksandrovich; SHMAYEVKA, Semen Matveyevich; KLOKOV, B.K., nauchn. red.; SOROKINA, M.I., red.; NESMYSLOVA, L.M., tekhn. red.

[Mechanization of winding, insulating, and stamping operations in the manufacture of asynchronous motors] Mekhanizatsiia obmotochno-izoliatsionnykh i shtampovochnykh rabot pri proizvodstve asinkhronnykh elektrodvigatelei. Moskva, Proftekhizdat, 1963. 109 p. (MIRA 17:1)

KLOKOV, Boris Konstantinovich, starshiy prepodavatel'

Picture of the leakage field of the air gap of an electrical machine. Izv. vys. ucheb. zav.; elektromekh. 6 no.10:1198-1211 '63. (MIRA 17:1)

1. Kafedra elektricheskikh mashin Moskovskogo energeticheskogo instituta.

KOKOREV, Aleksandr Sergeyevich, inzh.; NAUMOV, Igor' Nikolayevich, inzh.; KLOKOV, B.K., nauchn. red.; SIL'VESTROVICH, G.A., red.

[Handbook for beginning electrical machinery winding repairmen] Spravochnik molodogo obmotchika elektricheskikh mashin. Izd.2., ispr. i dop. Moskva, Vysshaia shkola, 1964. 399 p. (MIRA 18:1)

KLOKOV, O.N. (s.Mamolayevo)

Thunderstorms in Mordovia. Priroda 50 no.5:127 My '61.
(MIRA 14:5)

(Mordovia—Thunderstorms)

KLOKOV, G.N. (s. Mamolayevo, Rybkinskogo rayona, Mordovskoy ASSR)

Unusual development in plants. Priroda 51 no.8:128 Ag '62.
(MIRA 15:9)
(Mamolayevo region--Plants, Flowering of plants)
(Mamolayevo region--Abscission (Botany))

MIOKOV, I. P., Engineer

"The Geometrical Principles of a Cutting Tool and the Working Conditions in Drilling Extremely Hard Steel." Stanki I Instrument Vol. 15, Nos. 7-8, 1944.

BR 52059019

KLOKOV, I.V.

KLOKOV, I.V.

The U.S.S.R. is the land of long-distance communication. Vest. sviazi 17 no.10:5-10 O '57. (MIRA 10:11)

1. Zamestitel' ministra svyazi SSSR.
(Telecommunication)

KLOKOV, I.V.

Use every means to develop and improve technical communication means. Vest. sviazi 20 no.10:1-2 O '60. (MIRA 13:11)

1. Zamestitel' ministra svyazi SSSR.
(Telecommunication)

KLOKOV, I.V.

Features of the automation of telegraph communications using a system of direct connections. Vest. sviazi 21 no.1:1-2 Ja '61. (MIRA 15:5)

1. Zamestitel' ministra svyazi SSSR.
(Telegraph) (Automatic control)

L 31985-65 EWT(d)/FSS-2/EEC-4/EEC(t) Pn-4/Pp-4/Pac-4

ACCESSION NR: AP5008995 S/0106/64/000/011/0001/0004

AUTHOR: Klokov, I. V.; Tyulyayev, A. N.

32
B

TITLE: Forty-seven years of soviet communications

SOURCE: Elektrosvyaz', no. 11, 1964, 1-4

TOPIC TAGS: communication network, telegraph system, telephone system, TV system

ABSTRACT: In 1939 the world's longest overland telephone link (6,500 km) 3-channel system began its operation between Moscow and Khabarovsk. A 12-channel link was put in operation between Moscow and Leningrad in 1941. During the last ten years the total length of long-distance links grew from 2.2 to 9.7 million kilometers. In 1963 alone, 1.7 mil. km of communication links went into operation, which is equal to the length of the total network existing in 1951. Two-hundred-twenty million long-distance calls took place in 1960. The telegraph service is equipped with start-stop devices with automated transducing systems (direct coupling, code commutation). The complete long-distance exchange is processed automatically increasing the efficiency and trasfer speeds. The first photo-telegraphic (facsimile) link was established between Moscow and Leningrad in 1929. At the present time Moscow is connected by photo-telegraphic links with all principal cities of the Soviet Republics and with 65 other centers. The number of urban telephone

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L 31985-65
ACCESSION NR: AP5008595

subscribers reached 5.1 million. Seventy-six % of all the telephone stations are automatic. Moscow, Leningrad, and Kiev are already incorporated into an automatic dialing system. Kharkov will be incorporated soon. Radio programs are received by 79 mil. receivers. Television is transmitted by 150 powerful television stations and 270 weak relay stations covering a territory inhabited by 90 mil. people. Programs are received on 11 mil. television sets. In the future, magnetically shielded coaxial cables should be used as the basic link for long-distance operations. Needed are also improvements in related equipment, the completion of designs and production of communication links utilizing small diameter K-300 coaxial cables, the development of a two-pole system utilizing a monoaxial cable, and the increased use of synthetic resins and plastics in place of costly metallic components. Future urban and other telephone networks will be equipped with the ATSK 100/2000 and ATSK 50/200 stations.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: EC

NO REF SOV: 000 OTHER: 000 JPRS

Card 2/2

KLOKOV, K.

Collective Farms

"Organizational-financial structure of the collective farm." L. Ya. Florent'yev. Reviewed by K. Klokov. Kolkh. proizv., 12, No. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952 1977, Uncl.

OSIPOVA, Ye.N.; KLOKOV, K.P., redaktor; TSVETKOVA, V.A., redaktor; SOKOLOVA, N.N., tekhnicheskiy redaktor

[Green fallows and row crops to precede winter crops] Zaniatye pary i neparovye predshestvenniki; sbornik statei. Pod red. K.P.Klokova. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 159 p. (MLRA 9:11)
(Rotation of crops)

KLOKOV, K.P.

Feeding and Feeding Stuffs

Crop rotations for feed. Korm. baza 3, No. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED

KLOKOV, K.P., agronom; BARANOV, M.F., red.; KORNYSHO, Ye.G., red.; DEYNEVA, V.M., tekhn.red.

[Crop rotations] Sevooboroty; sbornik statei. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 285 p. (MIRA 14:2)
(Rotation of crops)

BORISOV, Sergey Sergeyevich; GORNOVOY, Boris Aleksandrovich; KLOKOV, Mikhail Pavlovich. GELYUTA, Ye.Z., dots. kand. tekhn. nauk retsenzent; KOVALEV, I.A., otv. red.

[Mining] Gornoe delo. Moskva, Nedra, 1964. 426 p. (MIRA 18:3)

KOMAROV, V.L., akademik, glavnyy red.;SHISHKIN, B.K., red. izdaniya;
BOBROV, Ye.G., doktor biol.nauk, prof.red.; VASIL'CHENKO, I.T.,
red.; GORSHKOVA, S.G., red.; GRIGOR'YEV, Yu.S., red.; GRUBOV, V.I.,
red.; DOROFEYEV, P.I., red.; IL'INSKAYA, I.A., red.; KLOKOV, M.Y.,
red.; KUPRIYANOVA, L.A., red.; LINCHEVSKIY, I.A., red.; NOVOPOKROV-
SKIY, I.V., red.; POBEDIMOVA, Ye.G., red.; POPOV, M.G., red.;
POYARKOVA, A.I., red.; SHERYERBRO, Ye.I., red.; TSVELEV, N.N., red.;
SMIRNOVA, A.V., tekhn.red.

[Flora of the U.S.S.R.] Flora SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1958. 775 p. (MIRA 12:7)

1. Chlen-korrespondent AN SSSR (for Shishkin).
(Botany)

BOBROV, Ye.G., doktor biol.nauk, prof.; VASIL'CHENKO, I.T.; GORSHKOVA, S.G.; GRIGOR'YEV, Yu.S.; GRUBOV, V.I.; DOROFEYEV, P.I.; IL'INSKAYA, I.A.; KLOKOV, M.V.; KUPRIYANOVA, L.A.; LINCHEVSKIY, I.A.; NOVOPOKROVSKIY, I.V.; POBEDIMOVA, Ye.G.; POPOV, M.G.; POYARKOVA, A.I.; SHTEYNBERG, Ye.I.; TSVELEV, N.N.; SHISHKIN, B.K., red. izdaniya; SMIRNOVA, A.V., tekhn.red.

[Dicotyledons] Dicotyledons. Moskva, Izd-vo Akad.nauk SSSR, 1959. 775 p. (Akademiia nauk SSSR. Botanicheskii institut. Flora SSSR, vol.23) (MIRA 13:4)

(Dicotyledons)

KLOKOV, M.V., professor.

New and little known species of the genus Centaurea L. from the Ukraine. Nauk.zap.Kiev.un. 7 no.6:67-83 '48. (MLRA 9:10)

(Ukraine--Thistle)

Compilers: KLOKOV, M. V.; MALEYEV, V. P.; MURAV'YEV, O. A.; POBEDIMOVA, Ye. G.; POYARKOVA, A. I.; PROKHANOV, Ya. I.; SHISHKIN, B. K.; SHTEYNBERG, Ye. I.; YUZEPCHUK, S. V.; AFANAS'YEV, K. S.; BORISOVA, A. G.; VASIL'YEV, V. N.; GORSHKOVA, S. G.; ILIN, M. M.; KOMAROV, V. L. (Acad.); Editors: SHISHKIN, B. K.; BOBROV, Ye. G.

Flora of the USSR, Vol 15, Moscow-Leningrad, 743 pp., 1950

Book W-22202, 7 Apr 52

KLOKOV, M.V.

Botany - Ukraine

Determination of new species of plants described in volume three of "Flora of the Ukrainian S.S.R." Flora URSR 3:405-408 '50.

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED

1. KLOKOV M.V.

2. USSR (600)

4. Ukraine-Jurinea

7. Genus Jurinea Cass and its role in the history of flora of the Ukrainian SSR; Cyanoides Iljin group. Bot.zhur. (Ukr.) 8 no.1, 1951.

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

KLOKOV, M.V.

Buckwheat family (Polygonaceae Lindl.). Flora URSR 4:190-259 '52.
(Ukraine--Buckwheat) (MLRA 7:12)

KLOKOV, M.I.

Pink family (Caryophyllaceae Juss.). Flora URSR 4:421-646 '52.
(Ukraine--Pinks) (MLRA 7:12)

KLOKOV, M.Y.

Addendum 2: Diagnosis of new plant species described in volume 4 of "Flora of the Ukrainian S.S.R." Flora URSR 4:650-660 '52. (MLRA 7:12)
(Ukraine--Botany)

ORIN', P.O.; KLOKOV, M.V.

New species of hawthorn, Crataegus Helenae Orynj et Klok. sp.n., from the lower Dnieper sands. Bot.shur.[Ukr.] 9 no.2:56-61 '52. (MLRA 6:11)

1. Institut botaniki Akademii nauk Ukrains'koi SSR.
(Dnieper Valley--Hawthorn) (Hawthorn--Dnieper Valley)

KLOKOV, M.V.; ARTEMCHUK, I.V.

New endemic species of the borage family. Bot.zhur.[Ukr.] 9 no.3:81-85 '52. (MLRA 6:11)

1. Chernivets'kyy dershavnyy universytet, Kafedra systematyky roslyn. Institut botaniky Akademiyi nauk Ukrayins'koyi RSR, Viddil vyshchykh roslyn. (Stickseeds)

KLOKOV, M.V.

Diagnosis of new species. Flora URSR 5:502-506 '53.
(Ukraine--Botany) (MLRA 7:12)

KLOKOV, M.V.

A study on some critical species of lotus. Bot.mat.Gerb. 15: 145-149 '53. (MLRA 7:2)
(Lotus)

KLOKOV, M.V.

Some Ukrainian Astragalus. Bot.mat.Gerb. 15:150-154 '53.
(MLRA 7:2)

(Ukraine--Fabaceae) (Fabaceae--Ukraine)

KLOKOV, M.V.

New species of the genus Onosma L. Bot.mat.Gerb. 15:229-247 '53.
(MLRA 7:2)
(Boraginaceae)

ZEROV,D.K., redaktor; KOTOV,M.I., professor, doktor biologichnikh nauk; KLOKOV,M.V., professor, doktor biologichnikh nauk; VISYULINA,O.D. kandidat biologichnikh nauk; BARBARICH,A.I., kandidat biologichnikh nauk; KRILOVS'KA,N.S., tekhredaktor

Rose family. A.I.Barbarich and others. Flora URSR no.6:5-300 '54. (MLRA 8:11)

1. Diysniy chlen Akademii nauk URSR (for Zerov)
(Ukraine--Roses)

ZERCV,D.K., redaktor; KOTOV,M.I., professor, doktor biologichnikh nauk; KLOKOV,M.V., professor, doktor biologichnikh nauk; VISTULINA,O.D., kandidat biologichnikh nauk; BARBARICH,A.I., kandidat biologichnikh nauk; KRILOVS'KA,N.S., tekhredaktor

Legume family. A.I.Barbarich and others. Flora URSR no.6:301-573 '54. (MLRA 8:11)

1. Diysniy chlen Akademii nauk URSR (for Zerov)
(Ukraine--Leguminosae)

KLOKOV, M.V.

New species of the genus Thymus L. in the U.S.S.R. Bot. mat.Gerb. no.16:293-318 '54. (MLRA 8:9)
(Thyme)

KLOKOV, M.V.

New species of dead nettle. Bot.mat.Gerb. no.16:319-320 '54.
(Dead nettles) (MLRA 8:9)

KLOKOV, M.V.

New Ukrainian Compositae. Bot.mat.Gerb. no.16:355-368 '54.
(MLRA 8:9)
(Ukraine--Wormwood) (Ukraine--Yarrow)

KLOKOV, M.V.

BALKOVSKIY, B.Ye.

Some observations on "Guide to plants of the Ukrainian S.S.R" [in Ukrainian], [doktor biologicheskikh nauk] Klokov, M.V., ed. B.E.Balkovskii. Bot.zhur. 39 no.2:266-269 Mr-Ap '54. (MLRA 7:6)
(Ukraine--Botany) (Botany--Ukraine)

KLOKOV, M.Y.

Spurge family. Flora URSR 7:114-176 '55. (MLRA 9:7)
(Ukraine--Spurge)

KLOKOV, M.V.

Violet family. Flora URSR 7:337-381 '55. (MIRA 9:7)
(Ukraine--Violets)

KLOKOV, M.V.

Diagnosis of new plant species described in volume 7 of "Flora URSR".
Flora URSR 7:628-636 '55. (MIRA 9:7)
(Ukraine--Botany)

KLOKOV, M.V.

Eurasiatic species of the genus Polemonium L. Bot.mat.Gerb. 17: 273-323 '55. (MLRA 9:5)

(Polemonium)

KLOKOV, M.V.

Leadwort family - Plumbaginaceae Lindl. Flora URSR 8:128-180 '57.
(MIRA 11:6)
(Ukraine--Leadwort)

KLOKOV, M.V.

Addenda No.6: Diagnosis of new plant species described in vol. 8 of the "Flora URSR" [in Latin]. Flora URSR 8:521-528 '57.
(MIRA 11:6)

(Ukraine--Botany)

KLOKOV, M.V.

Brief survey of the genus Melittis L. Bot. mat. Gerb. 18:183-217 '57.
(Mint (Botany)) (MLRA 10:6)

KLOKOV, M.V.

Steppe species of the genus Asperula L. Bot. mat. Gerb. 18:225-230 '57. (MIRA 10:6)

(Madder)

KLOKOV, M.V.

European spindle tree in the flora of the U.S.S.R. Bot.mat. Gerb. 19:274-314 '59. (MIRA 12:8)
(Spindle tree)

KONDRATYUK, Yevgeniy Nikolayevich [Kondratyuk, IE.M.]; KLOKOV, M.V., doktor biol. nauk, otv. red.; KOVAL', V.A., red.; MATVIICHUK, O.O., tekhn. red.

[Wild conifers of the Ukraine] Dykorostuchi khvoini Ukrainy. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 118 p. (MIRA 14:7)
(Ukraine—Coniferae)

KLOKOV, M.V.

The mint family (Labiatae Juss.) Flora URSR 9:5-364 '60.(MIRA 13:11)
(Ukraine--Mint (Botany))

KLOKOV, M.V.

Critical study of higher plants in the flora of the Ukrainian S.S.R. and its methodological foundations. Ukr. bot. zhur. 17 no.5:103-112 '60. (MIRA 13:12)

(Ukraine--Botanical research)

KLOKOV, M. V.

Species of the genus Corispermum L. occurring in the Dnieper Valley and other habitats. Bot.mat.Gerb. 20:90-136 '60.
(MIRA 13:7)

(Dnieper Valley--Corispermum)

KLOKOV, M.Y., prof., dokt biolog.nauk

Madder family(Rubiaceae Juss.). Flora URSR 10:90-249 '61. (MIRA 14:3)
(Ukraine--Madder)

KLOKOV, M.V., prof. doktor biolog. nauk

Diagnoses of new plant species described in vol. 10 of "Flora U.R.S.R." [in Latin]. Flora URSR 10:454-475 '61. (MIRA 14:3)
(Ukraine--Botany)

KLOKOV, M.V.

New Ukrainian papilionaceous plants. Bot. mat. Gerb. 21:233-242 '61. (MIRA 14:10)

(Ukraine--Papilionaceae)

AFANAS'YEV, D.Ya.; BARBARICH, A.I.[Barbarych, A.I.]; ZEROV, D.K., akad.; KLOKOV, M.Y.; OKSIYUK, P.F.[deceased]; SHCHITKOVSKAYA, V.L.[Shchitkivs'ka, V.L.]; BILOSHTAN, A.P., red.-leksikograf; SKUTSKAYA, N.P.[Skuts'ka, N.P.], red.; KADASHEVICH, O.O.[Kadashevych, O.O.], tekhn. red.

[Russian-Ukrainian dictionary of botanical terminology and nomenclature] Rosiis'ko-ukrains'kyi slovnyk botanichnoi terminologii i nomenklatury. Kyiv, Vyd-vo Akad. nauk USRS, 1962. 340 p. (MIRA 16:4)

1. Akademiya nauk Ukr. SSR (for Zerov).
(Botany--Dictionaries)
(Russian language--Dictionaries--Ukrainian)

BORISOVA, A.G.; IL'IN, M.M.; KLOKOV, M.V.; LINCHEVSKIY, I.A.; POBEDIMOVA, Ye.G.; SEMIDEL, G.L.; SOSKOV, Yu.D.; SOSNOVSKIY, D.I.; TAMAMSHYAN, S.G.; KHARADZE, A.L.; TSVELEV, N.N.; CHEREPANOV, S.K.; SHOSTAKOVSKIY, S.A.; BOBROV, Ye.G., doktor biol. nauk, prof., red. toma; SHISHKIN, B.K., red. izd. [deceased]; SMIRNOVA, A.V., tekhn. red.

[Tribes Cynareae and Mutisieae.] Kolena Cynareae i Mutisieae. Moskva, 1963. 653 p. (Akademiia nauk SSSR. Botanicheskii institut. Flora SSSR, vol.28). (MIRA 16:12)

KLOKOV, M., shofer.

Operating the MAZ-200 truck with three trailers. Avt.transp.34 no.2:20-21 F '56. (MLRA 9:7)

1.28-ya avtokolonna Mosoblavtotresta.
(Motortrucks--Trailers)

SHESTAKOV, A., tekhnik-stroitel'; DIKIY, V.; TUMASYAN, I.; KLOKOV, N., inzhener-stroitel'; POPOV, F., insh.

Readers' letters. Sel'. stroi. 15 no.4:27 Ap '61. (MIRA 14:6)

1. Sel'khozinspektsiya Orshanskogo rayona, Mariyskoy ASSR (for Shestakov). 2. Predsedatel' kolkhoza imeni Kirova Yegorlykskogo rayona, Rostovskoy oblasti (for Dikiy). 3. Sekretar' partiynoy organizatsii kolkhoza imeni Kirova Yegorlykskogo rayona, Rostovskoy oblasti (for Tumasyan). 4. Sel'khozinspektsiya Khorol'skogo rayona, Primorskogo kraya (for Klokov).
(Farm buildings)

KLOKOV, M. I.

178731

Electricity - Traction, Electric Cables Dec 50

"Types of Cable Needed for Electric Tractors," M. I. Klokov, Engr, All-Union Inst for Electrification of Agr

"Elektrichestvo" No 12, pp 55-59

Tractors operating on 1,000 v are supplied by multi-strand flexible cables which are subjected to very severe operating conditions. Describes typical breakdowns in cables now in use and their causes. Makes suggestions for manufacture of better cables. Submitted 29 Jul 50.

178731

KLOKOV, M. I.

KLOKOV, M. I. -- "Investigation of the Performance of Electric Tractor Cables." Sub 20 May 52, VIM and VIESKh. (Dissertation for the Degree of Candidate in Technical Sciences).

SO: Vechernaya Moskva, January December 1952

KLOKOV, N.I., kand. tekhn. nauk

Calculations for mechanical distributors of feeds. Trakt. i sel'khozmash. no.5:28-29 My '65. (MIRA 18:6)

KLOKOV, P. V.

RYABTSEV, L.N.; KARPETA, D.I.; MOREV, I.I.; RAYEV, Yu.O.; KLOKOV, P.V.; ZHEMBUS, M.D.; YEVSEYEV, A.M.; TKACHENKO, V.K.

Young blast furnace operators are exchanging work practices. Metallurg no.12:7-10 D '56. (MLRA 10:1)

1. Master domennoy pechi no.7 Magnitogorskogo metallurgicheskogo kombinata (for Ryabtsev). 2. Master domennoy pechi no.7 Magnitogorskogo metallurgicheskogo kombinata (for Karpeta). 3. Master Magnitogorskogo metallurgicheskogo kombinata (for Morev). 4. Pomoshchnik mastera Kuznetskogo metallurgicheskogo kombinata (for Rayev). 5. Master metallurgicheskogo zavoda imeni Serova (for Klokov). 6. Master metallurgicheskogo zavoda imeni Petrovskogo (for Zhembus). 7. Master Chusovskogo metallurgicheskogo zavoda (for Yevseyev). 8. Master Makeyevskogo metallurgicheskogo zavoda (for Tkachenko).

(Magnitogorsk--Blast furnaces)

KLOKOV, S., insh.

Device for checking and classifying resistors. Radio no.10:28 O '63. (MIRA 16:11)

KLOKOV, V., insh.

Transporting silicate bricks in series. Na stroi. Mosk. 1 no.2:19-21 F '58. (MIRA 11:9)

(Bricks--Transportation)

SEREBRYAKOV, V., mayor; KLOKOV, V., kapitan, instruktor

Great achievements of the Communist Youth Leaguers. Komm.Vooruzh.Sil 1 no.6:37-39 Mr '61. (MIRA 14:8)

1. Pomoshchnik nachal'nika politupravleniya po komsomol'skoy rabote (for Serebryakov). 2. Komsomol'skiy otdel politupravleniya (for Klokov).

(Russia--Army)

KLOKOV, V.

Indissoluble military cooperation. Komm.Vooruzh.Sil 2 no.19: 76-78 O '61. (MIRA 14:9)

1. Instruktor komsomol'skogo otdela politicheskogo upravleniya Gruppy sovetskikh voysk v Germanii.
(Russia--Relations (Military)) with East Germany)

ACC NR: AT7005057 SOURCE CODE: UR/2649/66/000/232/0050/0055

AUTHOR: Gordeyev, A. S. (Doctor of technical sciences, Professor); Klokov, V. G. (Engineer); Yanovskiy, M. F. (Engineer)

ORG: None

TITLE: Effect of the shape of blade profiling on the characteristics of a type TP-1000 hydraulic coupling

SOURCE: Moscow. Institut inzhenerov zheleznodorozhnogo transporta. Trudy, no. 232, 1966. Gidroperedachi teplovozov i gruzopod"yemnykh mashin (Hydraulic transmissions of diesel locomotives and hoisting machines), 50-55

TOPIC TAGS: hydraulic engineering, hydraulic device, blade profile, sheet metal

ABSTRACT: The article is a report on experiments conducted in the Hydraulic Transmission Laboratory of the Moscow Institute of Transportation Engineers in conjunction with the Kaluga Machine Building Plant to determine the effect which the shape of blade profiling in the pump runner and two reactor wheels has on the characteristics of a type TP-1000 hydraulic coupling. Comparative tests of conventional blades made according to plant drawings and blades of constant thickness notched on the input and output edges without mechanical finishing of the working surfaces, as well as experiments on a hydraulic converter model with artificial distortion of the blade profiles showed

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ACC NR: AT7005057

the possibilities for effective use of constant-thickness blades. The experimental TP-1000 hydraulic converter is made in two versions--one with a standard blade system and the other with blades in the form of arcs of constant thickness with notches on the input and output edges--so that the two blade systems may be subjected to comparative tests while eliminating the effect of other factors on the hydraulic characteristics. Tests at pump speeds of 1000-4500 rpm using DT GOST 4749-49 diesel fuel as the working fluid showed that the profiling of the blades in the pump runner and reactors has an insignificant effect on the external characteristics of the hydraulic coupling. This conclusion is important from the standpoint of technological economy since considerable savings can be realized by using blades pressed from sheet steel in hydraulic couplings of this type. Orig. art. has: 3 figures.

SUB CODE: 13/ SUBM DATE: None/ ORIG REF: 03

Card 2/2

ACC NR: AR6019256 SOURCE CODE: UR/0124/66/000/002/B034/B035

AUTHOR: Klokov, V. V.

TITLE: The solution of F. I. Frankl's generalized shock-wave problem by the method of integral equations

SOURCE: Ref. zh. Mekhan, Abs. 2B254

REF SOURCE: Tr. Seminara po obratn. krayev. zadacham. Kazansk. un-t, vyp. 2, 1964, 42-71

TOPIC TAGS: shock wave, integral equation, boundary value problem, Fredholm equation

TRANSLATION: In a region Δ, bounded by the line *ABDPKCHA*, a solution is sought for Trikomi's equation $\eta\psi_{\theta\theta} + \psi_{\eta\eta} = 0$ with the following boundary properties: on *BDPK* $\psi = 0$, on *BAH* $\psi_\theta = 0$, $\psi(0,\eta) = \psi(0,-\eta)$, at point *D* there is a singularity of form

$$\psi = \rho^{-1/2} \sin\frac{t}{2} + O(\rho^{1/2}),$$

where

$$\rho = [(\theta-\theta_D)^2 + (s-s_D)^2]^{1/2}, \quad s = 2/3\,\eta^{3/2},$$

The solution $t = \arcsin \theta - \theta_D/\rho$. ψ should be continuous in Δ, except at point *D*, with

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Card 2/2

L 05680-67 EWP(m)/EWT(1) WW

ACC NR: AR6023240 SOURCE CODE: UR/0044/66/000/003/B070/B070

AUTHOR: Klokov, V. V.

56

B

REF SOURCE: Tr. Seminara po obratn. Krayev. zadacham. Kazansk. un-t, vyp. 2, 1964, 42-71

TITLE: The solution of a generalized shock wave problem of F. I. Frankl by the method of integral equations

SOURCE: Ref. zh. Matematika, Abs. 3B359

TOPIC TAGS: shock wave, integral equation, boundary value problem, Fredholm equation

TRANSLATION: The Frankl problem considered here consists in solving the Trikomi equation

$$\eta\psi_{\theta\theta} + \psi_{\eta\eta} = 0$$

in the region D of the plane (η, θ), the boundary of which consists of the segment ΠAB of the axis η symmetric with respect to the origin A, of the smooth arc BDF in an elliptical region and such that η_D is maximal on this arc and $\eta_F = 0$, and of the segment of the characteristic FC, the spatially similar arc CK and segments of the characteristic KG and GH (G is an internal point of the segment AP). The boundary conditions are as follows: $\psi=0$ on $BDFCK$, $\psi_\theta=0$ on BAH, $\psi(0, \eta) = \psi(0, -\eta)$, $\eta_B > \eta > 0$, and at

Card 1/2 UDC: 517.9:533.7

L 05580-67

ACC NR: AR6023240

point D a singularity of the following form holds

$$\psi = \rho^{-1/2} \sin \frac{t}{2} + O(\rho^{1/2}),$$

where

$$\rho^2 = (\theta - \theta_D)^2 + \frac{4}{9}\left(\eta^{3/2} - \eta_D^{3/2}\right)^2, \quad t = \arcsin \frac{\theta - \theta_D}{\rho}.$$

The author indicates how this problem may be reduced to the Fredholm equation of the second order. N. Kuznetsov.

SUB CODE: 12/ SUBM DATE: none

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L 54897-65 EWT(1)/EWP(m)/EPR/FCS(k)/EWA(1) Pd-1/Ps-4 WW

ACCESSION NR: AR5016314 UR/0044/65/000/006/B039/B039
517.53:532/.533

SOURCE: Ref. zh. Matematika, Abs. 6B179

AUTHOR: Klokov, Yu. V.

31
B

TITLE: One type of inverse boundary problem in gas dynamics

CITED SOURCE: Tr. Seminara po obratn. krayev. zadacham. Kazansk. un-t, vyp. 1, 1964, 36-44

TOPIC TAGS: integral equation, fluid mechanics, boundary problem, supersonic flow, transonic flow

TRANSLATION: In §1 the problem of determining the protrusion of a horizontal surface in a plane subsonic flow according to a given distribution of velocity of the contour is reduced, with the aid of the theory of generalized analytic functions, to an integral equation which can be solved by successive approximations. In §2 the Frankel boundary value problem is somewhat modified in order to determine, in transonic flow, a profile with a local supersonic zone completed by a shock wave. There are no examples of solutions. I. Yur'yev

SUB CODE: MA ME ENCL: 00

Card 1/1 fpl

ACC NR: AR6020065 SOURCE CODE: UR/0124/66/000/001/B032/B032

AUTHOR: Klokov, V. V.

TITLE: On generalization of F. I. Frankel's impact problem

SOURCE: Ref. zh. Mekhanika, Abs. 1B232

REF SOURCE: Sb. aspirantsk. rabot. Kazansk. un-t. Matem., mekhan., fiz., Kazan', 1964, 83-94

TOPIC TAGS: boundary value problem, gas dynamics, shock wave physics

ABSTRACT: The author considers the boundary problem for the Trikomi equation which differs from Frankel's well-known shock problem (Prikl. matem. i mekhan., 1956, 20, No. 2, 196-202 - RZhMekh, 1957, No. 8, 8735) in the fact that the stream function $\psi=0$ is given on curve *FK* (see figure) in place of the stream function on the segment *FC*. An investigation of auxiliary problems in regions *ABDF* and *GKF* leads to a system of integral equations. The gasdynamic premises for the proposed formulation of the problem are given in a previous work by the author (Tr. Seminara po obratn. krayev. zadacham. Kazansk. un-t, 1964, vyp. 1, 36-44 - RZhMekh, 1965, 5B259). R. G. Barantsev. [Translation of abstract]

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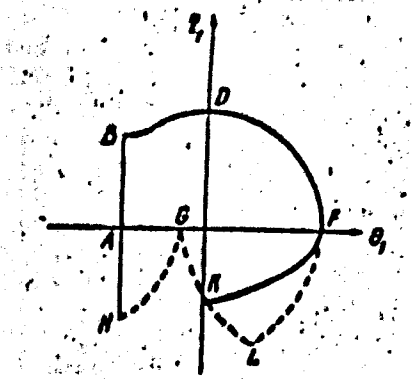
ACC NR: AR6020865



SUB CODE: 20, 12

Card 2/2 1b

KLOKOV, Ye. V.

COUNTRY : USSR
CATEGORY : General and Specialized Zoology. Insects. Crop Pests

ABS. JOUR. : RZhBiol., No. 22 1958, No. 1[illegible]

AUTHOR : Klokov, Ye. V., Susicko, P.I.
INST. : All-Union Scientific Research Institute of Corn
TITLE : The Role of Certain Details of Agrotechnics in Diminishing the Corn Borer

ORIG. PUB. : Sbor. Vses. n.-i. in-ta kukuruzy. 1957, vyp. 1, 1-17

ABSTRACT : [illegible] measures of combating the corn borer have not been very effective, and the chemical methods are not available in all cases; the basic measures are the destruction of corn in silos and post-harvesting measures. At the stage of milk-wax ripeness, caterpillars (C) are concentrated in the middle and upper parts of the plant (less than half are in the stalk, the others being in the panicles, ears, and leaves). With harvesting ensilage by a [illegible] cut on the stalk, almost all of

CARD: 1/3

NEMLIYENKO, Fedor Yevdokimovich[Ne mlienko, F.IE.]. doktor sel'-khoz. nauk; KLOKOV, Yevgeniy Vasil'yevich, kand. sel'-khoz. nauk; ZADONTSEV, A.I., akademik, zasl. deyatel' nauki URSR, red.; LIVENSKAYA, O.I.[Livens'ka, O.I.], red.; GLUSHKO, O.I.[Hlushko, H.I.], tekhn. red.

[Control of corn pests and diseases] Borot'ba z shkidnykamy ta khvorobamy kukurudzy. Dnipro-petrovs'k, Dniprotetrovs'ke knyzhkove vyd-vo, 1961. 21 p. (MIRA 15:7)

1. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta kukuruzy i Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Zadontsev).
(Dnepropetrovsk Province--Corn (Maize))--Diseases and pests)

~~16(1)~~ 16.3400

AUTHOR: Klokov, Yu.A.

SOV/155-58-4-9/34

TITLE: Some Theorems on the Boundedness and Stability of Solutions of Systems of Differential Equations of the Form

$$\ddot{x}_i + a_i(t) \sum_{k=1}^{n} b_{i,k}(t)\, \dot{x}_k + a_i(t) \frac{\partial P}{\partial x_i} = 0$$

(Nekotoryye teoremy ob ogranichennosti i ustoychivosti resheniy sistem obyknovennykh differentsial'nykh uravneniy vida .....)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Fiziko-matematicheskiye nauki, 1958, Nr 4, pp 55 - 58 (USSR)

ABSTRACT: Theorem : Let $F(x_1,..,x_n)$ be a continuous, twice differentiable function with

$$\min_{\sum x_i^2 \leq r^2} F(x_1,..,x_n) = m(r) \to \infty \quad \text{for} \quad r \to \infty \ .$$

Let $a_i(t)$ be positive, nondecreasing functions being continuous together with their first derivatives ;

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