VAKHTEL', V.Yu.; BALYUK, B.K.; KARAS', L.M.; PETUSHKOV, V.Ye.; SHCHARENKO, V.P.; GORELYY, A.V.

Hardening of crankshafts by the method of stamping. Trakt. i sel'khozmash. no.11:7-8 N '65. (MIRA 1[illegible]

YEVDOKIMENKO, A.I.; [illegible], I.I.; POLYVYANNYY, I.N.; AGAPOV, Yu.A.; KALNIN, Ya.I.; [illegible], A.N.; KOVGAN, P.A.; OVCHARENKO, V.V.; SHUPCHENSKIY, V.V.

Natural gas and hot blowing in shaft furnace lead smelting. Tsvet. met. 38 no.2:32-35 F '65. (MIRA 18:3)

BESPYATOV, M.P., kand.tekhn.nauk; ZHOLOBOVA, V.; OVCHARENKO, V.Ye., inzh.

Determining the moisture content of fat-containing products with the aid of Fischer's reagent. Masl.-zhir. prom. 25 no.11:21-24 '59. (MIRA 13:3)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina (for Bespyatov). 2. Ukrainskiy nauchno-issledovatel'skiy institut maloshirovoy promyshlennosti (for Ovcharenko). (Oils and fats--Analysis) (Moisture)

OVCHARENKO, V.Ye., inzh.; LESYUIS, A.A., kand.tekhn.nauk; KICHIGIN, V.P., inzh.

Possibility of a combined extraction of essential and fixed oils from coriander seeds. Masl.-zhir.prom. 25 no.8:31-33 '59. (MIRA 12:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut maslozhirovoy promyshlennosti (for Ovcharenko, Lesyuis). 2. Gosplan USSR (for Kichigin).

(Coriander)

OVCHARENKO, V.Ye., inzh.; BORISOVA, V.F., inzh.

Evaluation of oil characteristics in oil containing materials. Masl.-zhir.prom. 28 no.12:6-9 D '62. (MIRA 16:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut maslozhirovoy promyshlennosti.

(Oils and fats)

OVCHARENKO, V.Ye. [Ovcharenko, V.IE.], inzh.

Self-regulating spray nozzle for micelle atomization. Khar.prom. no.3:41-42 Jl-S '62. (MIRA 15:8)
(Nozzles) (Oils and fats)

OVCHARENKO, V.Ye. [Ovcharenko, V.IE.], inzh.

Self-regulating spray nozzle for micelle atomization. Khar.prom. no.3:41-42 Jl-S '62. (MIRA 15:8)
(Nozzles) (Oils and fats)

OVCHARENKO, V.Ye. [Ovcharenko, V.IE.]

Development work of the Ukrainian Scientific Research Institute of the Oils and Fats Industry. Khar.prom. no.1:57-58 Ja-Mr '62. (MIRA 15:8)

(Ukraine—Oils and fats) (Ukraine—Research)

DVCHARENKO, V.Ye., inzh.; NECHAYEVA, A.V., inzh.

Evaluating the quality of the crushing of oilseeds or their kernels. Masl.-zhir. prom. 29 no.10:8-10 O '63. (MIRA 16:12)

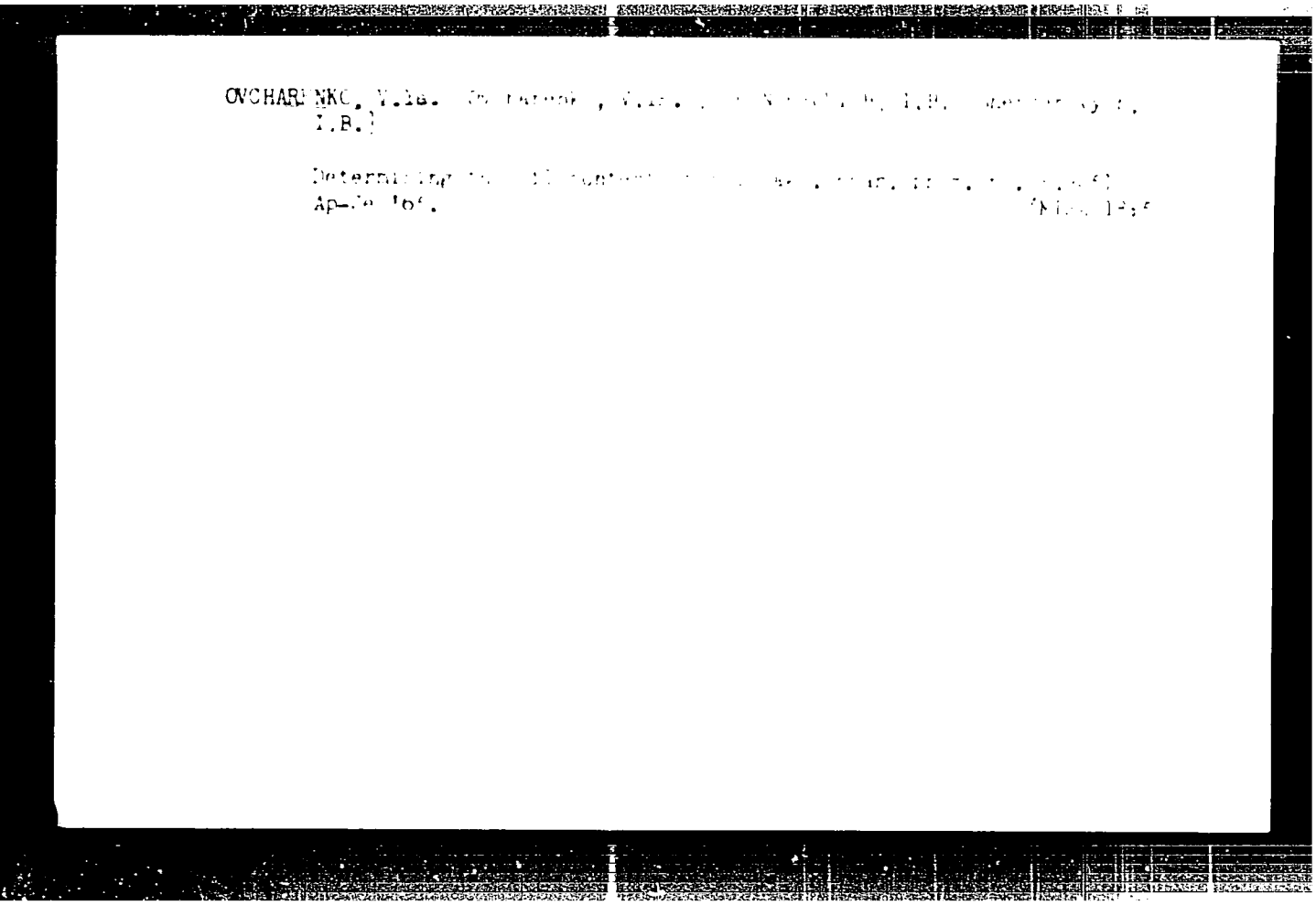
1. Ukrainskiy nauchno-issledovatel'skiy institut maslozhirovoy promyshlennosti.

BESPYATOV, M.P., kand.tekhn.nauk; [illegible], O.V., inzh.; VOYEVODINA, M.V., inzh.; OVCHARENKO, V.Y., [illegible].

Analysis of soap [illegible] for plant saponification. Mas.-zhir. prom. 27 no. 3:17-19 '61. (MIRA 14:3)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina (for Bespyatov, [illegible], Voyevodina). 2. Ukrainskiy nauchno-issledovatel'skiy institut [illegible] sbornirovoy promyshlennosti (for Ovcharenko).

(Soap)



OVCHARENKO, V.Ia. [illegible] , V.I. [illegible] , I.B. [illegible] , I.B.)

[illegible]
Ap[illegible]'61. [illegible]

OVCHARENKO, Ye.

Aleksandr Georgievich Arenberg; obituary. Radiotekh.i elektron 2 no.3:352-354 Mr '57. (MLRA 10:5)
(Arenberg, Aleksandr Georgievich, 1905-1957)

OVCHARENKO, Ye., inzh.

Alternating current. Radio no.8:37-41 Ag '62. (MIRA 15:8)
(Electromagnetism) (Electric networks)

OVCHARENKO, Ye., inzh.

Alternating current. Radio no.9:29-32 S '62. (MIRA 15:9)
(Electromagnetism)

OVCHARENKO, Ye., inzh.

Waves and oscillations. Radio no.10:32-36 O '62.
(MIRA 15:10)

(Radio)

PA - 2600

AUTHOR: OVCHARENKO, E.

TITLE: Aleksandr Georgiyevich ARENBERG (Obituary) (Russian)

PERIODICAL: Radiotekhnika i Elektronika, 1957, Vol 2, Nr 3, pp 352-354 (U.S.S.R.)

Received: 5 / 1957 Reviewed: 7 / 1957

ABSTRACT: Professor Dr. tech. A.G.ARENBERG, born in 1905, finished his studies at the Technical Highschool of Moscow with honors in 1929. His dissertation on radiology was considered to be excellent. Besides scientific research work he lectured at several Universities. With his direct participation the first transportable ultra-short-wave radiostations were developed and tested. In 1928 he carried out observations of the ultra-short-wave field from airplanes and balloons. In 1934 he was head of the department for the construction of a stationary apparatus for decimeter waves and since 1936 he has been a member of the Brigade for Electroconnections within the organization of the Academy of Science of the U.S.S.R. In 1940 he took the degree of doctor of technical science and professor, and in 1949 he was promoted to the rank of colonel engineer.
He participated in the work of the All Union Scientific Soviets for Radiotechnics and Radiophysics of the Academy of Science

Card 1/2

OVCHARENKO, Ye., inzh.

Problems of bionics. Radio no.1:16 Ja '65.

SHEYNERMAN, M.D.; OVCHARENKO, Ye.P.; SOF[redacted]

Problem of optimal prophylactic doses of vitamin D; experimental study. Vopr. pediat. 20 no.4:42-44 July-Aug 1952. (CLML 23:2)

1. Docent for Sheynerman; Candidate Medical Sciences for Ovcharenko and Sofiyenko. 2. Of Khar'kov Scientific-Research Institute for the Care of Mother and Child (Director -- Candidate Medical Sciences -- A. G. Ingunova).

BELKINA, G.L.; KUROYEDOV, V.A.; LAPOVOK, V.I.; LIKHTEROV, I.M.; MERMEL'SHTEYN, G.R.; OVCHARENKO, Ye.Ya.; PONOMAR', V.I.; SABAYEV, V.I.; SOTNIKOV, V.A.; FAYNBERG, L.I.; FEOKTISTOVA, N.D.

X-ray spectral analysis of brass in the process of smelting. Zav.lab. 31 no.4:427-428 '65. (MIRA 18:12)

1. Konstruktorskoye byuro "TSvetmetavtomatika" i Artemovskiy zavod tsvetnykh metallov im. E.I.Kviringa.

BLOKHIN, M.A.; OVCHARENKO, Ye.Ya.; MYAGKOV, P.I.; SOTNIKOV, V.A.; MAMONOV, Yu.M.; BELKINA, G.L.

Improving the accuracy of X-ray spectral analysis by a dual channel method. Zav.lab. 31 no.4:423-426 '65. (MIRA 18:5)

1. Konstruktorskoye byuro "Tsvetmetavtomatika" i Rostovskiy gosudarstvennyy universitet.

ACC NR: AP7000338 SOURCE CODE: UR/0413/66/000/022/0098/0099

INVENTOR: Blinov, D. P.; Ovcharenko, Ye. Ya.; Sazhayev, V. G.; Feygin, V. I.; Shleyfman, Kh. M.

ORG: none

TITLE: Device for automatic detection of flaws on a moving surface. Class 42, No. 188685 [announced by the Design Bureau of Automation in the Nonferrous Industry (Konstruktorskoya byuro "Tvetmetavtomatika")]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 22, 1966, 98-99

TOPIC TAGS: metal surface, flaw detection, metal inspection, optic method, optic instrument

ABSTRACT: This Author Certificate introduces an automated flaw detector for the inspection of a moving surface of an article such as a metal strip. The detector contains a source of light and an optical system for the concentration of luminous flux, which is placed in front of a panel with light guides and with light-sensitive elements connected to the electronic inspection device. To increase the sensitivity to small flaws and to facilitate the inspection of wide strips, the instrument has branched light guides which ensure an optical connection between the source of light, the inspected surface, and the light sensitive elements. In a variant, the adverse effect of vibration of the inspected surface on the instrument performance is reduced by

Card 1/2 UDC: 620.179

SOV/86-58-8-18/37

AUTHOR: Ovcharov, V.I., Capt of Tec Service

TITLE: Many Times Faster (Mnogo raz bystreye)

PERIODICAL: Vestnik vozdushnogo flota, 1958, Nr 8, p 48 (USSR)

ABSTRACT: The article describes briefly how innovators of an air force unit designed and built a special control-measuring device for checking the proper functioning of the automatic meter for mass flow rate of air AVR (avtomat vesovogo raskhoda), without removing it from the aircraft. The device consists of the following parts: a relief valve, three inlet valves (two for wing meters and one for the tail meter), vacuum manometer, mercury gage, three inlet hoses of 6 m length each, and a table of temperature corrections. The checking device is connected by a hose to the AVR of one of the wings. Then the engine is started, and at 9000 rpm the heating system of the wings is switched on. After that one

Card 1/2

IVANOV, Fedor Mikhaylovich; OVCHAROV, Valentin Ivanovich; IVANOV, S.S., redaktor; GALAKTIONOVA, Ye.N., tekhnicheskiy redaktor

[Highway concrete with an admixture of chlorite] Dorozhnyi beton s dobavkami khloristykh solei. Moskva, Nauchno-tekhn. izd-vo avtotransp.lit-ry, 1956. 59 p. (MLRA 9:8)
(Roads, Concrete) (Chlorites)

OVCHARENKO, Valentina Semenovna; MILOV, Aleksandr Pavlovich; SHEIN, Mikhail Kuz'mich; NOVOZHILOVA, Pobeda Semenovna; OSIPOV, M.I., red.; KOTLYAR, B.S., red.; DORODNOVA, L.A., tekhn.red.

[Training construction workers] Podgotovka rabochikh-stroitelei. Moskva, Vses.uchebno-pedagog.izd-vo Proftekhizdat, 1960. 34 p. (MIRA 13:11)

(Building trades--Study and teaching)

OVCHARENKO, Ya. S.

L2004. OVCHARENKO, Ya. S.-- Issledovaniye nekotorykh svoystv integrala volnovogo soprotivleniya na melkoy vode. Po povody raboty L. N. Sretenskogo "Teoreticheskoe issledovanie o volnovom soprotivlenii". Nauch. Trudy [illegible]. In-t inzh. Mor. Flota). Vyp. 7, 1948. s. 31-40

SO: Letopis' Zhurnal'nykh Statey, Vol. [illegible], 1948

OVCHARENKO, Ye.; SVOREN', R.

Cathode-ray tubes. Radio no.9:49-52 S '56. (MLRA 9:11)
(Cathode ray tubes)

SOTSIKOV, Sergey Kus'mich; OVCHARENKO, Ye.P., red.; BORUNOV, N.I., tekhn.red.

[Long-distance television reception] Sverkhdal'nii priem televideniia. Moskva, Gos.energ.izd-vo, 1958. 62 p. (Massovaia radiobiblioteka, no.312) (MIRA 12:2)
(Television--Receivers and reception)

FEDOROV, Leonid Vasil'yevich; OVCHARENKO, Ye.P., red.; VORONIN, K.P., tekhn. red.

[Television equipment at the 1960 Exhibition of the Achievements of the National Economy of the U.S.S.R.] Televizionnaia apparatura na VDNKh; ekspozitsiia 1960. Moskva, Gos. energ. izd-vo, 1960. 79 p. (Massovaia radiobiblioteka, no.403) (MIRA 14:7)
(Television—Exhibitions) (Moscow—Exhibitions)

OVCHARENKO, Ye.P.

ZAGIK, Semen Yefimovich; KAPCHINSKIY, Lev, Mikhaylovich; HERG, A.I., redaktor; DZHIGIT, I.S., redaktor; KULIKOVSKIY, A.A., redaktor; SMIRNOV, A.D., redaktor; TARASOV, F.I., redaktor; TRAMM, B.F., redaktor; CHECHIK, P.O., redaktor; SHAMSHUR, V.I., redaktor; OVCHARENKO, Ye. P., redaktor; VORONIN, K.P., tekhnicheskiy redaktor

[Television reception antennas] Priemnye televizionnye antenny. Moskva, Gos. energ. izd-vo, 1956. 47 p. (MLRA 10:4)
(Television--Antennas)

[redacted], D. M., docent; [redacted]; [redacted], T. V.

Vitamins

Optimal preventive [redacted]

9. Monthly List of Russian Accessions, Library of Congress, December 1958, Uncl.

SHEYNERMAN, M. D., Docent; OVCHARENKO, YE. P.;
SOFIYENKO, T. G.

Vitamins

Optimal preventive doses of vitamin d. Vop. pediat. i okhr. mat. i det. 5 No. , 19..

9. Monthly List of Russian Accessions, Library of Congress, December 1952 XXX, Uncl.

OVCHARENKO, Ye. Ya.

"Light Guides Scintillation Counters in Instruments of Technological Control"

paper presented at the All-Union Seminar on the Application of Radioactive Isotopes in Measurements and Instrument Building, Frunze (Kirgiz SSR), June 1961)

So: Atomnaya Energiya, Vol 11, No 5, Nov 61, pp 468-470

OVCHARENKO Ye. Ya.

SOV/135-58-6-3/21

AUTHORS: Averbukh, M.A., Burnashev, A.A., Birger, G.I., Baysh, L.S., Zubkov, G.A., Zhiryakov, N.I., Isayev, D.V., Ovcharenko, Ye.Ya., Fromberg, A.B. and Shneyerov, M.S.

TITLE: New Means for Automatic Testing and Control in Non-ferrous Metallurgy (Novyye sredstva avtomaticheskogo kontrolya i regulirovaniya v tsvetnoy metallurgii)

PERIODICAL: Tsvetnyye Metally, 1958, Nr 6, pp 15 - 25 (USSR)

ABSTRACT: Many processes in non-ferrous metallurgy involve corrosive media and the Konstruktorskoye byuro (Design Bureau) Tsvetmetavtomatika (KB TsMA) have since 1955 been working on pneumatic control methods, which are especially suitable for such conditions. Other organisations named by the authors as some of those working in the same field are: Institut avtomatiki i telemekhaniki AN SSSR (Institute of Automation and Telemechanics of the Ac. Sc. USSR), NIITeplopribor, TsLA of the "Energochermet" Trust and the "Tizpribor" Works. A wide range (Table 1) is covered by the pneumatic transducers, produced by the KB TsMA (Figures 1 and 2) in which use is made of a corrosion-resistant Soviet plastic. A series of corrosion-resistant valves have also produced (Table 2), including a diaphragm type with a position indicator

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New Means for Automatic Testing and Control in Non-ferrous Metallurgy

(Figure 3). For the continuous analysis of hydrometallurgical solutions, the KB TsMA in 1957 developed (Figure 4) an automatic polarographic concentrationmeter, type KAP-225, with a transducer type DAPK-226: this device has been successfully used at the "Elektrotsink" works for analysing for cadmium in zinc electrolyte and is based on alternating-current polarography. The KB TsMA have developed a series of radioactive methods, particularly for level indication over a wide (type URP) (Figure 5) and a relatively narrow (type URPR) (Figure 6) range. A radioactive density-meter, type PR-150, independent of the mineralogical and size composition of pulp over a wide range has been successfully tested at the Zolotushinskaya obogatitel'naya fabrika (Zolotushinskaya Beneficiation Works) (ranges 1.5-2.5 and 1-2 kg/litre). Work is proceeding on other radioactive meters including a moisture meter, for concentrates and similar materials. Based on a corrosion-resistant, differential, thermoelectric anemometer (electrical circuit proposed by engineers V.A. Drozdov and A.M. Listov), a flowmeter for pure or air-diluted chlorine has been developed by the

Card 2/3

New Means for Automatic Testing and Control in Non-ferrous Metallurgy

KB TsMA: They have also developed an analyser (type GAKh-239) for chlorine which is accurate to ± 3% and these two instruments are to be used in an integrated automation system being devised for the magnesium industry. The KB TsMA have developed an automatic installation for (Figures 7 and 8) controlling a single pump in relation to the liquid level. Another recent activity of this organisation has been the development of the type ATV-229 overheating protective device (Figure 9) and a twelve-point temperature signalling device (Figure 10). The ATV-229 device is to be produced by the Tsvetmetpribor works. In collaboration with the Institut gigiyeny truda i profzabolevaniy AMN SSSR (Institute of Work Hygiene and Occupational Diseases of the AMS USSR), the KB TsMA have developed a device (Figure 11) for continuous measurement and recording of mercury-vapour concentration in air in the range 0.1 - 0.6 mg/m3 . This instrument (IKRP-445) (Figure 11) also gives an alarm signal if the concentration becomes excessive and its range is being extended in both directions.

Card 3/ 3

[illegible] copies printed.

Spon. [illegible] ncies: [illegible] Glavnoye upravleniye po ispol'zovaniyu atomnoy energii, and Akademiya nauk SSSR.

Editorial Board of Set: V.I. Dikushin, Academician (Resp. Ed.), N.N. Shumilovskiy (Deputy Resp. Ed.), Yu. S. Zaslavskiy (Deputy Resp. Ed.), L.K. Tatochenko, B.I. Verkhovskiy, S.F. Nazarov, L.I. Petrenko and N.O. Zelevinskaya (Secretary).

Ed. of Publishing House: P.N. Belyanin; Tech. Ed.: T.F. Poleneva.

PURPOSE: This book is intended for specialists in the field of machine and instrument manufacture who use radioactive isotopes in the study of materials and processes.

COVERAGE: This collection of papers covers a very wide field of the utilization of tracer methods in industrial research and control techniques. The topic of this volume is the use of radioisotopes in the machine- and instrument-manufacturing industry. The individual papers discuss the applications of radioisotope techniques in the study of metals and alloys, problems of friction and lubrication, metal cutting, engine performance, and defects in metals. Several papers are devoted to the use of radioisotopes in the automation of industrial processes, recording and measuring devices, quality control, flowmeters, level gauges, safety devices, radiation counters, etc. These papers represent contributions of various Soviet institutes and laboratories. They were published as Transactions of the All-Union Conference on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy and Science, April 4-12, 1957. No personalities are mentioned. References are given at the end of most of the papers.

Birger, G.I., B.I. Verkhovskiy, and Ye. Ya. Ovcharenko (Fizicheskiy institut imeni P.N. Lebedeva AN SSSR i Konstruktorskoye byuro "Tsvetmetavtomatika" MTsM SSSR – Institute of Physics imeni P.N. Lebedev, Academy of Sciences, USSR, and Design Bureau "Tsvetmetavtomatika" MTsM USSR). New Type of a Radioactive Densimeter 159

Ovcharenko, Ye.Ye. (Konstruktorskoye byuro "Tsvetmetavtomatika" MTsM SSSR – Design Engineering Office of "Tsvetmetavtomatika", USSR). Use of Scintillation Counters With Electron Modulation for Gamma Radiation Recording [illegible]

Val'ter, A.K., and M. L. Gol'din (Fiziko-tekhnicheskiy institut Akademii nauk USSR i Zavod kontrol'no-izmeritel'nykh priborov – Institute of Physics and Technology, Academy of Sciences, Ukr.SSR, and Monitoring and Metering Instrumentation Factory). Calculation and Study of the Density of Iron-ore Slurry on the Basis of Gamma-ray Absorption 170

Vlasnyak, G.B. (Ministerstvo stroitel'stva elektrostantsiy SSSR – Ministry for the Construction of Electric Power Stations in the USSR). Performance of Gamma-ray Spoil Meters on Dredges 176

Lobanov, Ye. M. (Leningradskiy fiziko-tekhnicheskiy institut Akademii nauk SSSR – Leningrad Institute of Physics and Technology, Academy of Sciences, USSR). Application of the Gamma Densimeter Designed by LFTI, Academy of Sciences, USSR 180

Dedyukov, S.M. (Ministerstvo rechnogo flota SSSR – Ministry of the River Fleet, USSR). Use of Radioactive Radiation in River Transport 184

Vaynberg, A.Ye. (Vsesoyuznyy nauchno-issledovatel'skiy institut molochnoy promyshlennosti – All-Union Scientific Research of the Dairy Industry). Use of Radioactive Radiation in the Automatic Control and Regulation of Technological Processes of Dairy Production 190

Shirnos, S.S. (Tsentral'nyy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promyshlennosti – Central Scientific Research Institute of the Leather and Shoe Industry). Use of Radioactive Isotopes in the Leather Industry 192

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OVCHARENKO, Ye.Ya.; KOTIK, U.I.; FAYNBERG, L.I.

The PR-150 noncontact radioactive densimeter. Sbor.mat.po avtom. proizv.prots.i disp. no.5:5-18 '60. (MIRA 14:4)

1. Konstruktorskoye byuro "TSvetmetavtomatika".

(Radioactive substances--Industrial applications)
(Electronic instruments)

AMFILOV, A A., inzh ; BARALEYNIK, Ya.M., inzh.; [illegible], inzh.; BRIK, ..S., inzh.; BU[illegible], A.I., inzh.; [illegible], inzh.; ZABELIN, V.L., inzh.; ZAPLECHNYY, Ye.S., inzh.; ISAYEV, L.V., inzh.; KLIMOVITSKIY, A.M., inzh.; KA[illegible], V.V., inzh.; KOTOV, V.A., inzh.; LEYDERMAN, A.Ye., inzh.; [illegible], M.L., inzh., SAZHAYEV, V.I., inzh.; SEVAST'YAN[illegible], V.V., inzh.; FILIPPOV, S.P., inzh.; FROMBERG, A.b., inzh.; SHNEYEROV, M.S., inzh.; ERLIKH, G.M., inzh.; VERKHOVSKIY, [illegible], red.; [illegible], G.A., red.; KA KLINA, T.G., red.; OVCHARENKO, Ye.Ya., [illegible]; ANTONOV, S.I., ved. red.

[New means of automatic and centralized control for nonferrous metal mines] Novye sredstva avtomatizatsii i dispetcherskogo upravleniia dlia rudnikov tsvetnoi metallurgii. Moskva, Nedra, 19[illegible]. [illegible] p. (MIRA 18:4)

OVCHARENKO, Ye.Ya.; SHELKOV, L.S.

Automatic X-ray spectral analysis of processed materials (a survey of foreign materials). Zav.lab. 31 no.4:430-435 '65. (MIRA 18:12)

L 25572-66 EWT(m)/EWP(t)/EWA(h) DIAAP JD

ACC NR: AM6013004 Monograph UR/

Shumilovskiy, Nikolay Nikolayevich; Betin, YUriy Pavlovich; Verkhovskiy, Boris Isaakovich; Kalmakov, Andrey Alekseyevich; Mel'ttser, Lel' Vladimirovich; Ovcharenko, XEvgeniy YAkovlevich

Radioisotope and X-ray spectral methods (Radioizotopnyye i rentgenospektral'nyye metody) Moscow, Izd-vo "Energiya", 1965. 190 p. illus., biblio. 4500 copies printed. Series note: Fizicheskiye i fizikokhimicheskiye metody kontrolya sostava i svoystv veshchestva

TOPIC TAGS: x-ray analysis, x-ray spectroscopy, x-ray technique, messbauer effect, radiation detection, neutron source

PURPOSE AND COVERAGE: The book is intended for people interested in radioisotopes and x-ray spectroscopy. It may also be useful for students specializing in spectroscopy and radioisotopes at technical schools of higher education. The first part of the book deals with the principles of operation, calculation methods, and design of radioisotope instruments, based on use of absorption and scattering effects of beta and gamma radiation, excitation of secondary radiation, and the use of neutron sources. The second part is devoted to methods of x-ray spectroscopy. Physical fundamentals of these methods are reviewed, ways for reducing measurement errors given,

Card 1/3 UDC 543.422.8:543.52

and examples of the industrial use of x-ray spectral analyzers discussed.

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ACC NR: AM6013004

SUB CODE: 18/ SUBM DATE: 25Oct65/ ORIG REF: 109/ OTH REF: 081

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PA 67T58

USSR/Medicine - Plants, Physiology May 1948
Medicine - Variation

"Formation Variations in Cotton Plants Under the Influence of 2,4-Dichlorophenolhydroxyacetic Acid," Yu. V. Rakitin, K.Ye. Ovcharev, Ye.K. Mizkovskaya, Inst of Plant Physiol imeni K.A. Timiryazev, Acad Sci USSR, 5 pp

"Dok Ak Nauk SSSR, Nov Ser" Vol LX, No 6

Results of studies conducted to determine the formation variations in cotton plants that are the result of the administration of 2,4-dichlorophenolhydroxyacetic acid (DU). Tests were conducted in 1947 at the Perm Imeni Kirov. Submitted by Academician N.A. [redacted] 67T58

USSR/Medicine - Plants, Physiology (Contd) May 1948

Maksimov 22 Mar 1948.

67T58

OVCHAREV, K. YE. [redacted]

OVCHAROV, A.; KRISTIN, M.

"Some shortcomings in projecting woven fabrics."

p.16 (Leka Promishlenost, Vol. 6, no. 8, 1957, Sofiia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

OVCHAROV, Angel

Sewing findings. Tekstilna prom 12 no.3:14-16 '63.

OVCHAROV, Angel

Manufacture of terrylene fabrics. Tekstilna prom 11 no.4:13-16 '62.

OVCHAROV, Angel

Aesthetics of industrial products. Tekhnika Bulg 12 no.5: 31-32 '63.

OVCHAROV, Angel

Assortment of [illegible] fabrics for 1962. Tekstilna prom 10 no.2: 2-4 '61.

CVCHAROV, Angel

Th fashion in 1965. Tekstilna prom 14 no.1:44-46 '65.

1. Chief Engineer, Center for New Commodities and Fashion, Sofia.

OVCHAROV, A.K., inshener.

Efficient method of washing and drying rolling stock. Zhel.dor. transp. 37 no.10:77-78 O '55. (MLRA 9:1)

(Railroads--Rolling stock)

OVCHAROV, B.Z., inzh.

Selection of efficient parameters for the cross section of KLTs-1P conveyors. Izv. vys. ucheb. zav.; gor. zhur. 6 no.8: 45-53 '63. (MIRA 16:10)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki i vychislitel'noy tekhniki. Rekomendovana kafedroy gornykh mashin i rudnichnogo transporta.

OVCHAROV, B.Z., inzh.

Experimental studies of the parts of the KLTs belt-chain conveyor.
Vop. rud. transp. no.6:103-117 '62. (MIRA 15:8)

1. Khar'kovskiy gornyy institut.
(Conveying machinery)

OVCHAROV, D.M.

Labor heroism of the working class. Trudy LIAP no.25:6-26 '58.
(MIRA 11:10)

(Labor and labering classes)

BALYUK, S.T.; OVCHAROV, E.A.

Developing the standard for metallurgical dolomite.
Standartizatsiia 25 no.12:39-40 D '61. (MIRA 14:11)
(Dolomite—Standards)

OVCHAROV, E.A.; BALYUK, S.T.

Plants producing refractory materials should be specialized.
Standartizatsiia 25 no.8:53 Ag '61. (MIRA 14:7)
(Refractories industries)

OVCHAROV, F.

Commerce and inspection. Sov.shakht. 10 no.4:40-41 Ap '61.
(MIRA 14:9)

1. Zamestitel' predsedatelya shakhtkoma shakhty "Proletarskaya diktatura" tresta Shakhtantratsit Rostovskoy oblasti.
(Commodity exchanges--Quality control)

OVCHAROV, F.F.

AZBUKIN, Yu.I., inzhener; OVCHAROV, F.F., inzhener.

Damage to fitting surfaces and bindings of turbogenerator rotors. Elek. sta. 24 No.4:31-33 Ap '53. (MLRA 6:5)
(Dynamos)

OVCHAROV, F.F., inzhener; PETRAKOV, A.G., inzhener.

Heat-resistant insulation for rotor windings of large turbo-generators. Elek.sta. 25 no.7:30-31 Jl '54. (MLRA 7:8)
(Dynamos) (Electric insulators and insulation)

OVCHAROV, Fedor Filaktovich; VUL'MAN, G.L., red.; BORUNOV, N.I., tekhn. red.

[Standard repairs of turbogenerators] Tipovye remonty turbogeneratorov. Moskva, Gosenergoizdat, 1963. 93 p. (Biblioteka elektromontera, no.108) (MIRA 17:3)

ANTONOV, Gleb Vasil'yevich; OVCHAROV, Fedor Filaktovich; KOMAR, M.A., red.

[Repair of the magnetic circuits of transformers] Remont magnitoprovodov transformatorov. Moskva, Energiia, 1965. 215 p. (Transformatory, no.14) (MIRA 18:3)

OVCHAROV, I.

Extension of upper full prosthesis in the region of the A-line and displacement of edges into the region of tuber at a polyclinic. Stomatologiia, Sofia No.1:59-60 1955.

1. Is Okruzhnata stomatologichna poliklinika - gr. Khaskovo.
(DENTAL PROSTHESIS, FULL,
upper, extension & displacement of edges)

GONCHAROV, V.I.; OVCHAROV, I.E.

[Our experience in raising winter wheat] Nash opyt vyrashchivaniia ozimoi pshenitsy. Rostov-na-Donu, Rostovskoe kn-vo, 1954. 37 p. (Rostov Province--Wheat)) (MLRA 10:2)

USSR/Cultivation - Cereals. Sugar-beets.

Abs Jour :

Author :
Inst :
Title :

Orig Pub :

Abstract :

Card 1/2

OVCHARV, Khuben, inzh.

Unification of electric-power systems of the members of the Council for Economic Assistance, and establishment of the Central Dispatching Administration. Elektroenergiia 13 no.1: 8-10 Ja '62.

OVCHAROV, K.; SKOGOREV, V., gornyy inzhener.

Mines of the Donets Basin on a shorter workday. Sots.trud no.2: 113-122 F '57. (MLRA 10:5)

1.Nachal'nik shakhty no.1 imeni Chelyuskintsev. (for Ovcharov)
2.Shakhta "Oktyabr'skaya" (for Skogorev)
(Donets Basin--Coal mines and mining)

OVCHAROV, K.Ya.

Miners of the "Cheliuskintsy" Mine No.1 fight to fulfill the instructions of the 21st Congress of the CPSU. Ugol' 36 no.3: 41-43 Mr '61. (MIRA 14:5)

1. Nachal'nik shakhty No.1 im. Chelyuskintsev kombinata Stalinugol'.
(Donets Basin--Coal mines and mining--Labor productivity)

OVCHAROV, K., doktor biol. nauk

Activator of root hair. IUn. nat. no.4:29 Ap '63. (MIRA 16:7)

(Growth promoting substances)
(Tree planting)

OVCHAROV, K., doktor biolog. nauk

Chemistry in weeding. IUn. nat. no.5:10-11 My '63. (MIRA 16:7)

(Herbicides)

KOLEK, Yu.; OVCHAROV, K.

Interaction between vitamins and growth promoting substances. Fiziol. rast. 10 no.1:84-89 Ja-F '63. (MIRA 16:5)

1. Institute of Biology, Slovak Academy of Sciences and K.A. Timiriazev Institute of Plant Physiology, U.S.S.R. Academy of Sciences, Moscow.
(Growth promoting substances) (Plants, Effect of vitamins on)

OVCHAROV, Khuben, inzh.

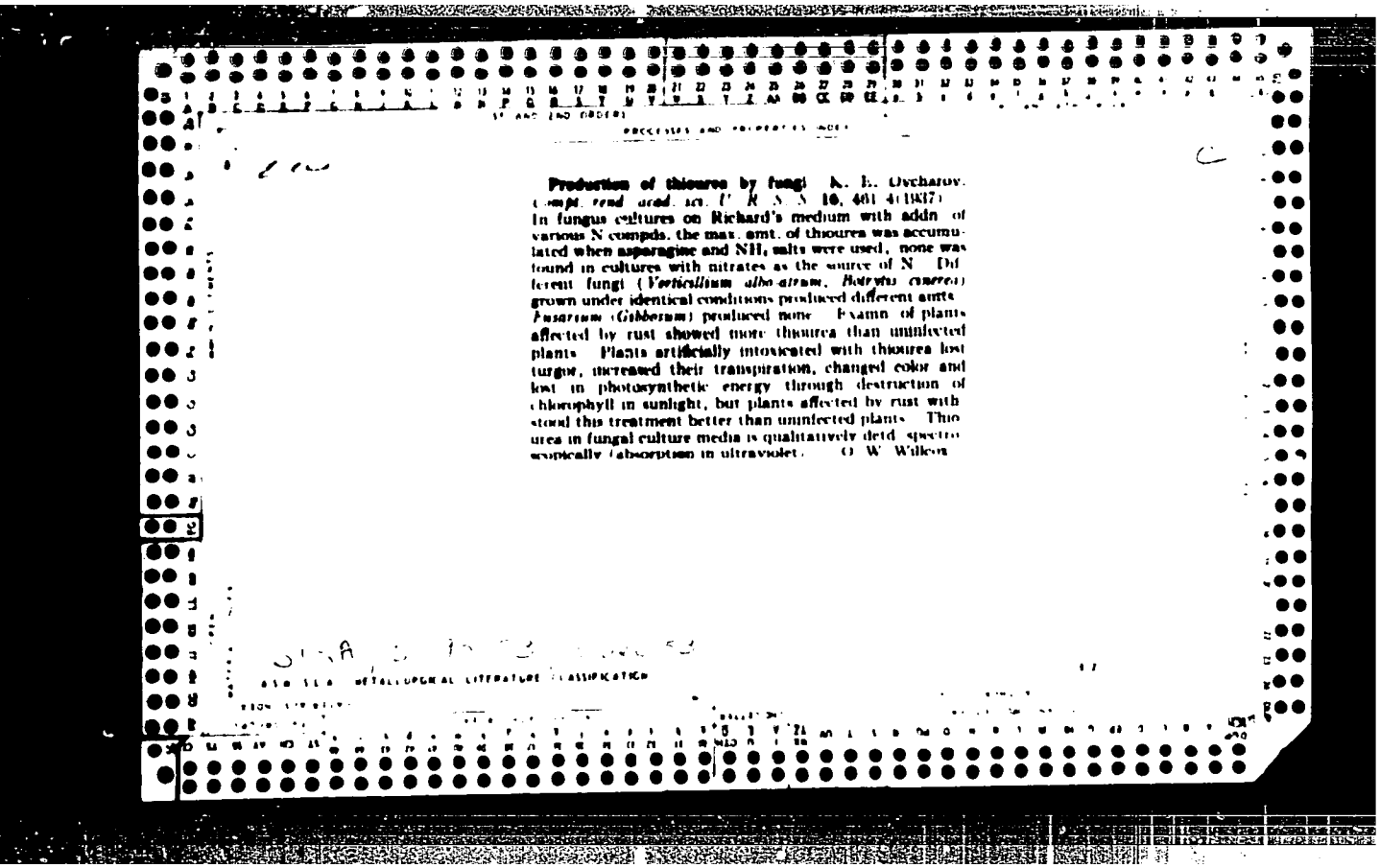
A graphic method of determining the most economic ra[illegible] of the jointly working elements in an electric power system. Elektroenerg..a 15 no. 7/8:35-39 Jl-Ag '64.

1. Machinery and Electrotechnical Institute, Sofia.

OVCHA[illegible], V. T.

and SUKHORUK[illegible], V. T. "On the Nature of Immunity to [illegible]," Comptes [illegible] (Doklady) de l'Academie des Sciences de l'URSS, vol. [illegible], no. [illegible], [illegible], pp. 393-396, 51[illegible] Pa[illegible]

So: Sira SI-90-53, 15 Dec. 1953

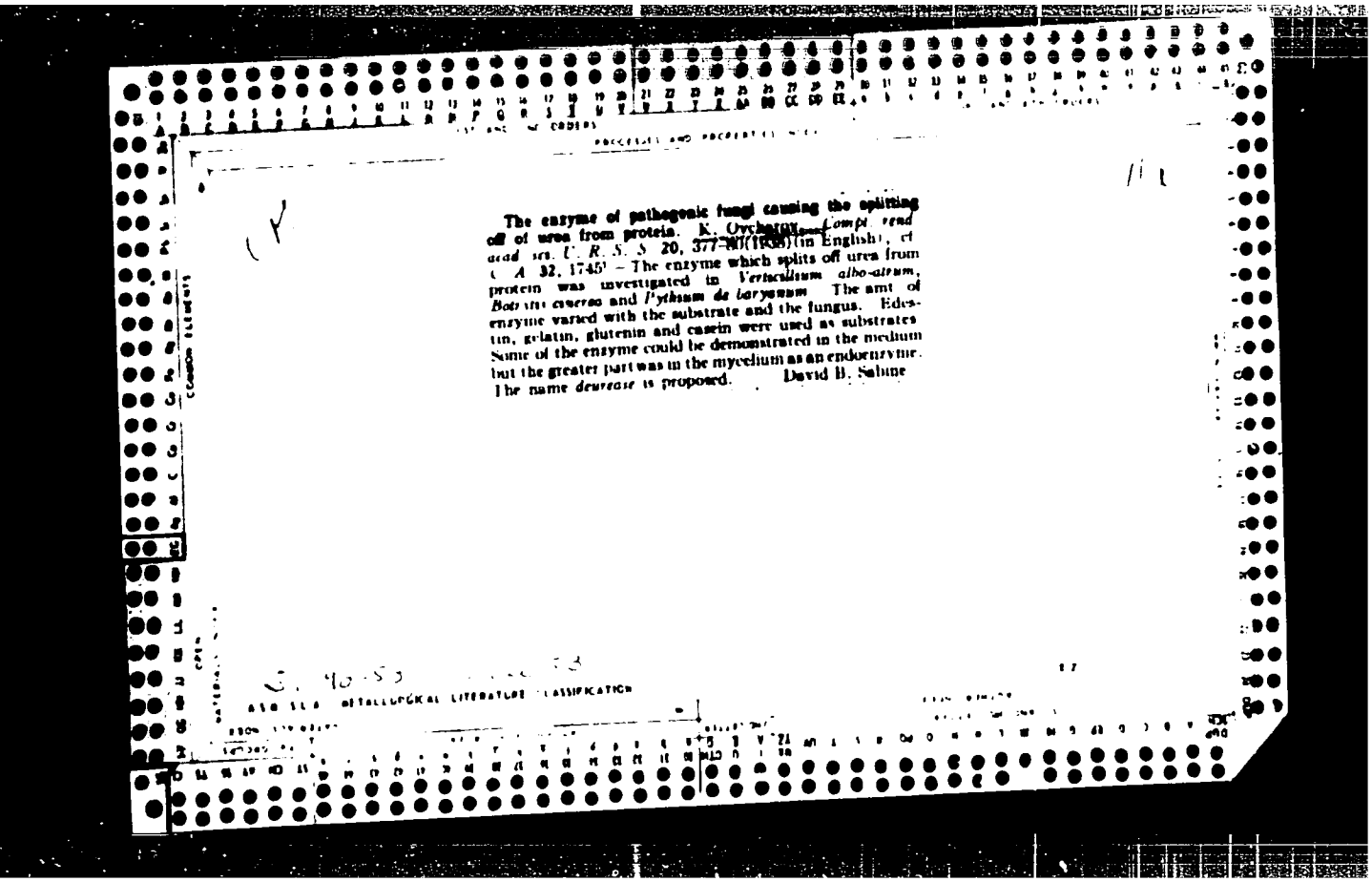


Production of thiourea by fungi K. E. Ovcharov. *Compt. rend. acad. sci. U. R. S. S.* 10, 461-4 (1937). In fungus cultures on Richard's medium with addn. of various N compds. the max. amt. of thiourea was accumulated when asparagine and NH_4 salts were used, none was found in cultures with nitrates as the source of N. Different fungi (*Verticillium albo-atrum*, *Botrytis cinerea*) grown under identical conditions produced different amts. *Fusarium* (*Gibberum*) produced none. Examn. of plants affected by rust showed more thiourea than uninfected plants. Plants artificially intoxicated with thiourea lost turgor, increased their transpiration, changed color and lost in photosynthetic energy through destruction of chlorophyll in sunlight, but plants affected by rust withstood this treatment better than uninfected plants. Thiourea in fungal culture media is qualitatively detd. spectroscopically (absorption in ultraviolet). O. W. Wilcox

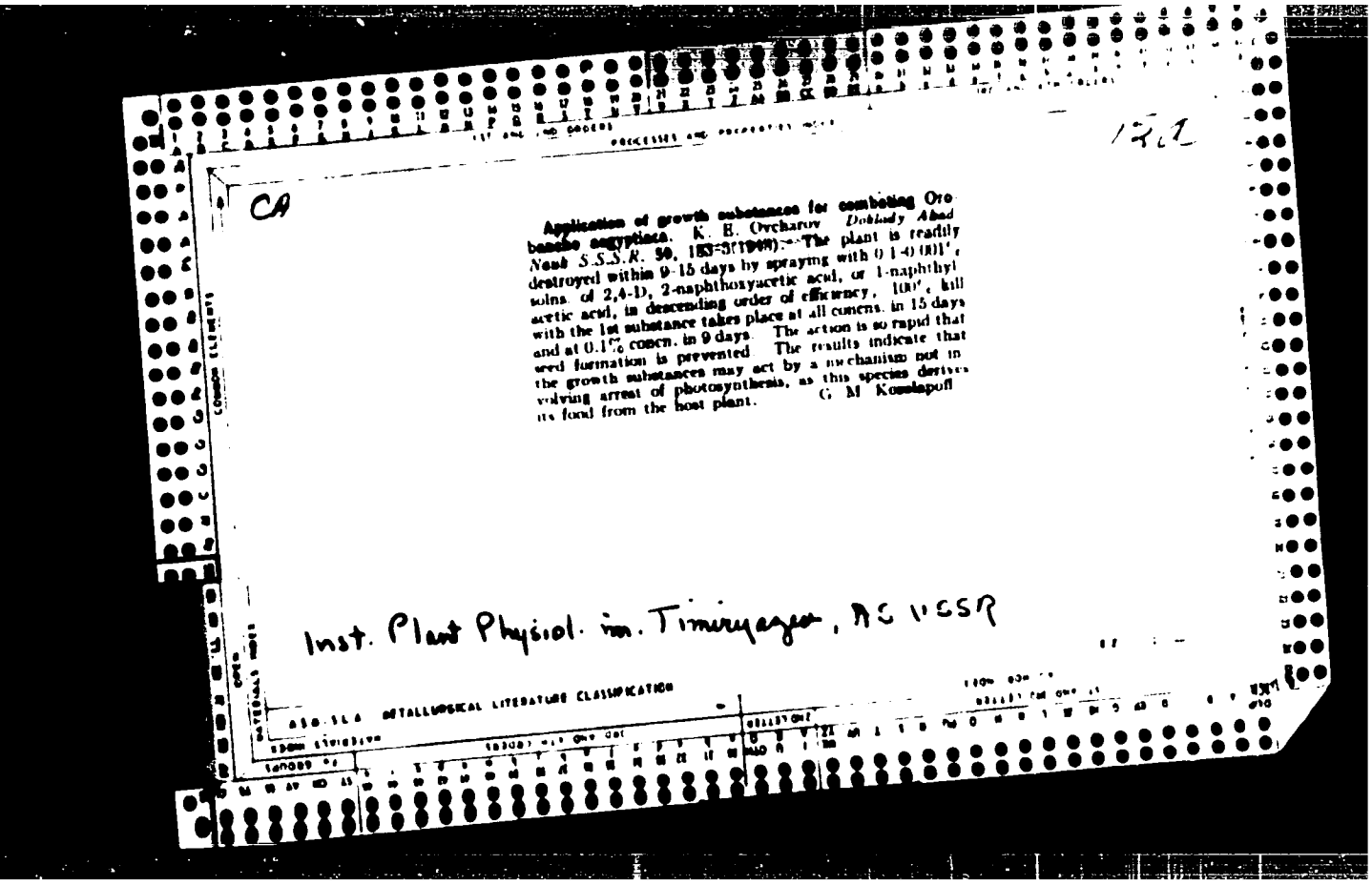
OVCHAROV, K. E.

SUKHORUKOV, K. T., KLING, E., and OVCHAROV, K. E. "The Effects of Phytophthora infestans de Bary on the Ferments of Affected Plants," Comptes Rendus (Doklady) de l'Academie des Sciences de l' URSS, vol. 18, no. 8, 1938, pp. 597-602.
511 P444

So: SIRA SI-90-53, 15 Dec. 1953



The enzyme of pathogenic fungi causing the splitting off of urea from protein. K. Ovchinnikova. *Compt. rend. acad. sci. U. R. S. S.* 20, 377–80 (1938) (in English); cf. *C. A.* 32, 1745⁹. – The enzyme which splits off urea from protein was investigated in *Verticillium albo-atrum*, *Botrytis cinerea* and *Pythium de baryanum*. The amt. of enzyme varied with the substrate and the fungus. Edestin, gelatin, glutenin and casein were used as substrates. Some of the enzyme could be demonstrated in the medium but the greater part was in the mycelium as an endoenzyme. The name *deurease* is proposed. David B. Sabine



CA

1721

Application of growth substances for combating Orobanche aegyptiaca. K. B. Ovcharov *Doklady Akad Nauk S.S.S.R.* 90, 183-5(1953).—The plant is readily destroyed within 9–15 days by spraying with 0.1–0.01% solns. of 2,4-D, 2-naphthoxyacetic acid, or 1-naphthylacetic acid, in descending order of efficiency. 100% kill with the 1st substance takes place at all concns. in 15 days and at 0.1% concn. in 9 days. The action is so rapid that seed formation is prevented. The results indicate that the growth substances may act by a mechanism not involving arrest of photosynthesis, as this species derives its food from the host plant. G. M. Kosslapoff

Inst. Plant Physiol. im. Timiryazev, AS USSR

OVCHAROV, K. Ye.

"Growth Substances as Possible Agents in Combatting the Loss of Pods in Cotton Plants," Dok AN SSSR, 59, No 9, 1948

CA

PROCESSES AND PROPERTIES INDEX

Formative changes in cotton plant under action of 2,4-dichlorophenoxyacetic acid. Yu. V. Rakitin, K. F. Ovcharov, and K. K. Nizhovskaya. *Doklady Akad. Nauk S.S.S.R.* 60, 1073-6(1948). — Cotton plants sprayed with 0.0001% solns. of this growth stimulant in the flowering stage showed that the lowest concn. failed to change the structure of the plants, although the falling of the bolls was reduced. At 0.001%, however, the flowers already in existence were destroyed and the growth processes were retarded for 2 weeks; all new parts of the plant were different in appearance from normal (pictures are appended): leaves were smaller and had more sharply defined veins, the flowers were compressed and the bolls attenuated. At 0.01% the results were more pronounced: most leaves and almost all flowers were destroyed and growth was resumed only after 2-3 weeks; the new flowers contained up to 12 petals, while some had no petals and consisted only of the reproductive organs; the stems were greatly thickened, especially in the lower parts of the plants; bolls did not usually form from such flowers, and those which did form were small, attenuated, and contained fewer seeds than normal. G. M. Kosolapoff

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

USSR/Medicine - Nicotinic Acid Aug 48
Medicine - Cotton

"Action of Adenine and Nicotinic Acid on the Growth and Reproductivity of the Cotton Plant," Yu. V. Rakitin, K. Ye. Ovcharov, Inst of Plant Physiol imeni K. A. Timiryazev, Acad Sci USSR, 2 pp

"Dok Ak Nauk SSSR" Vol LXI, No 5

Finds subject action to be positive and explains it by the fact that this plant, for some reason, lacks physiologically active substances.

24/AST 31

OVCHAROV, K. Ye.

"Review of Professor G.M. Vayndrakh and O.M.Knyazhanskiy's Book 'Ivanonskiy and the Discovery of Virus;'" Nauka i Zhizn', No 6, 1949.

Cand. Biol. Sci.

OVCHAROV, N. YE.

FA 39/49T70

USSR/Medicine - Trees
Medicines - Nicotinic Acid

Mar 49

"The Influence of Adenine and Nicotinic Acid on the Secondary Vegetation of Bokhara Almond Trees (Amygdalus Bucharia Korsh.)," N. I. Matveyev, K. Ye. Ovcharov, Bot Inst, Tadzhik Affiliate, Inst Plant Physiol imeni K. A. Timiryazev, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXV, No 3

Concludes that adenine and nicotinic acid stimulate opening of leaf buds and growth of leaves and sprouts in Bokhara almond trees, which allows the plant to

39/49T70

USSR/Medicine (Contd) Mar 49

continue vegetation through the second half of the summer. Action on growth processes of almond trees differs slightly, but both may be used to change the established biological rhythm of the trees. Submitted by Acad N. A. Maksimov, 27 Jan 49.

39/49T70

CA

1A

Action of adenine and nicotinic acid on secondary vegetation of Bokhara almond (Amygdalus bucharica). M. I. Matveev and K. E. Ovcharov (Timiryazev Plant Physiol. Inst., Acad. Sci. U.S.S.R.). *Doklady Akad. Nauk S.S.S.R.* 65, 373-6 (1949). Removal of all leaves from the naturally growing specimens and spraying them with 0.01% nicotinic acid or 0.001% adenine solns. gave new buds opening within 8 days after adenine treatment or 9 days after nicotinic acid treatment; controls showed only individual bud openings after 12 days. A 4-fold increase in leaf no. over controls was observed after nicotinic acid treatment (2 weeks after beginning), while adenine treatment gave a somewhat smaller number of leaves. The size of the leaves was much greater than controls in both cases, and showed more vigor. The length of the vegetation period was also extended by 3-4 weeks over controls, while new shoots readily sprouted in the treated plants in early fall, an event unobserved in the controls. G. M. Kosolapoff

CA

11B

The possibility of application of color test for carotenoids in plant tissues. E. V. Budnitskaya and K. E. Oycharov. *Doklady Akad. Nauk S.S.S.R.* 74, 779–80 (1950).—The Carr-Price reagent (satd. $SbCl_3$ in $CHCl_3$) for analogs of vitamin A was tried in direct applications to plant tissue slices. Dog rose fruit gave good pos. test (blue) in the peripheral portions. Begonia pistils gave pos. test but petals were neg.; lily gave similar results; koli-saghyz and krym-saghyz gave pos. tests even in leaf specimens, while tomato plants gave pos. tests with petal and pistils; etiolated pumpkin seeds gave pos. test, carrot slices gave neg. test on direct treatment, but a 5–10 min. treatment with 96% EtOH followed by drying gave excellent pos. results.

G. M. Kosolapoff

OVCHAROV, K.Ye.

The significance of potassium and light in the synthesis of thiamine in plants and the role of the latter in material metabolism in plant organism. Trudy Inst. Fiziol. Rastenii im. K.A. Timiryazeva 7,242-51 '51. (MLRA 4:12)
(CA 47 no.15:7603 '53)

RAKITIN, Yu. V.; OVCHAROV, K.E.

The increase of the productivity of a cotton plant by the removalof buds and by the prevention of the growth of shoots in the autumn

Dok AN SSSR, Vol 80, No 1, 1 Sep 51, p. 117

OVCHAROV, K.Ye.

OVCHAROV, K.Ye. (Moskva)

Significance of vitamins in the life of plants. Usp. sovr. biol. 36 no.3:315-331 N-D '53. (MLRA 8:3)
(PLANTS, metabolism, vitamins)
(VITAMINS, metabolism, plants)

OVCHAROV, K.Ye.

Role of vitamins in the fertilization of plants. Zhur. ob. biol. 15 no.5:353-361 S-O '54. (MLRA 7:12)
(FERTILIZATION OF PLANTS) (VITAMINS)

OVCHAROV, K. E.

(4)

Physiological changes in cotton plant with a fall chemical treatment. Yu. V. Rakitin, K. E. Ovcharov, V. V. Grinenko, and V. F. Shcheglova. *Doklady Akad. Nauk S.S.S.R.* 95, 1337–40(1954).—Spraying cotton plants in the fall with 0.5% 2,4,5-trichlorophenoxyacetic acid (Na salt) reduces the CO_2 assimilation by the younger leaves and greatly stimulates CO_2 assimilation by the older, already-formed leaves, with a similar alteration of chlorophyll content. Oxidative processes, in general, are suppressed in the very young leaves, with reduction of the reduced form of ascorbic acid. This, with the consequent suppression of growth of plant tips and buds, leads to a higher cotton crop from the pods developed in the older parts of the plant.
O. M. Kosolapoff

Inst. Plant Physiology im. K. A Timiryazev Acad Sci USSR and Botany Inst., Acad Sci Tadzhik SSR.

RAKITIN, Yu.V.; OVCHAROV, K.Ye.; BREGETOVA, L.G.

New chemicals for cotton defoliation. Fiziol.rast.2 no.2:177-181 Mr-Ap '55. (MLRA 8:10)

1. Institut fiziologii rasteniy imeni K.A.Timiryazeva Akademii nauk SSSR, Moscow
(Cotton) (Agricultural chemicals)

OVCHAROV, K.Ye.

"Chemistry of herbicides and plant growth promoting substances." N.N. Mel'nikov, IU.A. Baskakov, K.S. Bokarev. Reviewed by K.E. Ovcharov. Fiziol.rast. 2 no.6:589-590 N-D '55. (MLRA 9:5)
(Growth promoting substances) (Herbicides) (Mel'nikov, N.N.) (Baskakov, IU.A.) (Bokarev, K.S.)

OVCHAROV, K.Ye.

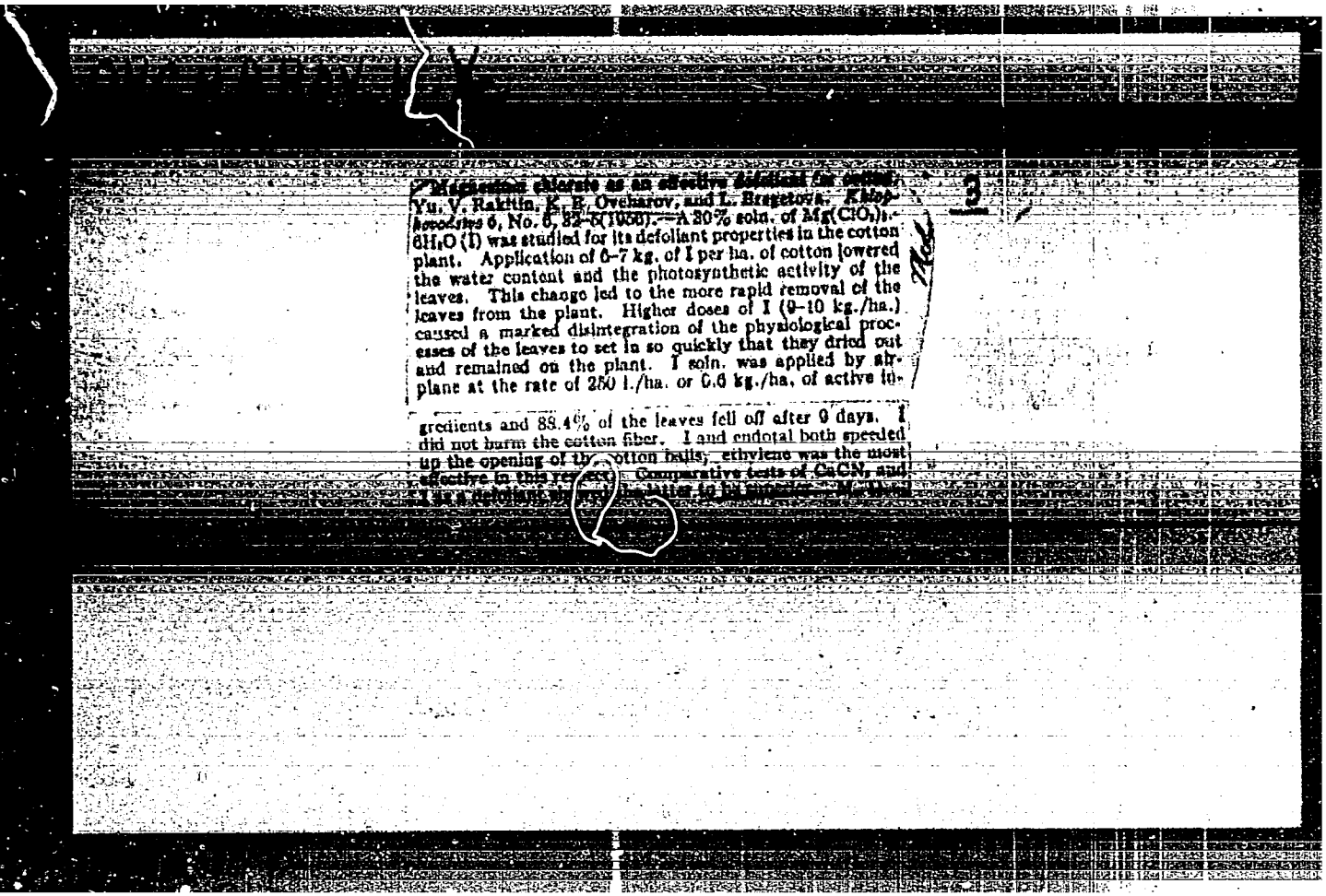
Practical use of growth promoters and herbicides. Est.v shkole no.3: 27-31 My-Je '56. (MLRA 9:8)

1. Institut fiziologii rastenly Akademii nauk SSSR.
(Growth (Plants))

OVCHAROV, K.Ye., kandidat biologicheskikh nauk.

Vitamin requirements of plants. Est. v shkole no.6: 19-20 N-D '56. (MLRA 9:12)

1. Institut fiziologii rasteniy Akademii nauk SSSR.
(Plants--Nutrition) (Vitamins)



Magnesium chlorate as an effective defoliant for cotton. Yu. V. Rakitin, K. B. Ovcharov, and L. Bragetova. *Khoprokhimiya* 6, No. 6, 32-5(1958).—A 20% soln. of $Mg(ClO_3)_2 \cdot 6H_2O$ (I) was studied for its defoliant properties in the cotton plant. Application of 6–7 kg. of I per ha. of cotton lowered the water content and the photosynthetic activity of the leaves. This change led to the more rapid removal of the leaves from the plant. Higher doses of I (9–10 kg./ha.) caused a marked disintegration of the physiological processes of the leaves to set in so quickly that they dried out and remained on the plant. I soln. was applied by airplane at the rate of 250 l./ha. or 0.6 kg./ha. of active ingredients and 88.4% of the leaves fell off after 9 days. I did not harm the cotton fiber. I and endotal both speeded up the opening of the cotton balls; ethylene was the most effective in this respect. Comparative tests of $CaCN_2$ and I as a defoliant showed the latter to be superior. M. Hoch

RAKITIN, Yu.V., doktor biologicheskikh nauk; OVCHAROV, K.Ye., kandidat biologicheskikh nauk.

Effectiveness of cotton defoliants. Dokl.Akad.sel'khoz. 21 no. 10:9-13 '56. (MLRA 9:11)

1. Institut fiziologii rasteniy imeni K.A. Timiryazeva Akademii nauk SSSR. Predstavleno akademikom I.S. Varuntayanom.
(Cotton growing)

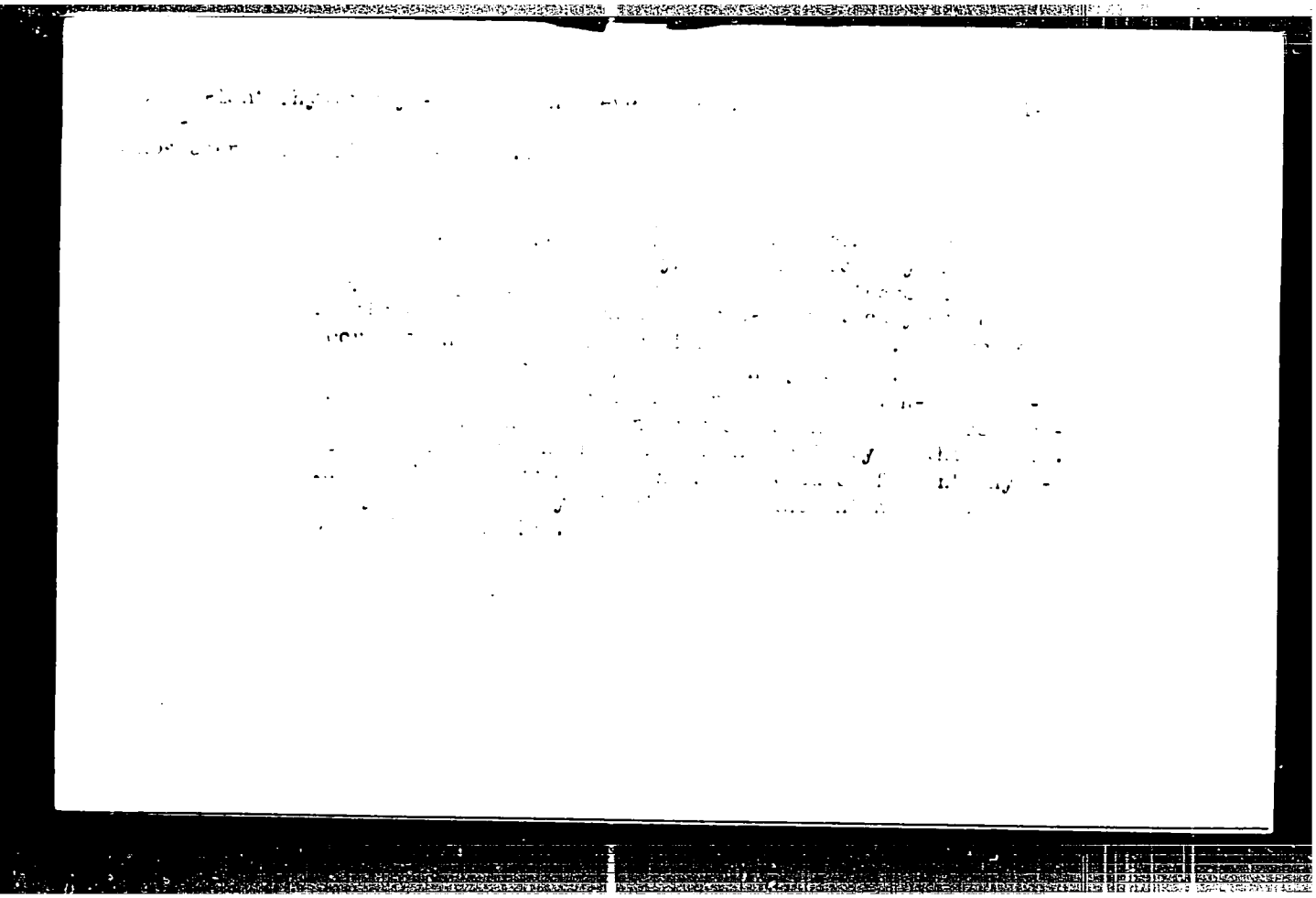
OVCHAROV, K.Ye., kandidat biologicheskikh nauk (Moskva)

Defoliation of cotton. Priroda 45 no.6:99-101 Je '56. (MLRA 9:8)

1. Institut fiziologii rasteniy imeni K.A. Timiryazeva.
(Cotton growing)

RAKITIN, Yuriy Vladimirovich; OVCHAROV, Konstantin Yefremovich; KURSANOV, A.L., akademik, otvetstvennyy red.; TERSIT'YEVA, M.I., red.izd-va; POLESITSKAYA, S.M., tekhnicheskiy red.

[Growth promoting substances and herbicides in cotton growing] Stimuliatory i gerbitsidy v khlopkovodstve. Moskva, Izd-vo Akad. nauk SSSR, 1957. 146 p. (MIRA 11:3)
(Cotton growing)
(Growth promoting substances)
(Herbicides)



RAKITIN, Yu.V., prof., otv. red.; IMAMALIYEV, A.I., kand. biol. nauk, zam. otv. red.; SADYKOV, S.S., red.; TSUKERVANIK, I.P., red.; OVCHAROV, K.Ye., doktor biol. nauk, red.; ALEYEV, L.G., kand. sel'khoz. nauk, red.; KAMILOVA, ...M., kand. bil. nauk, red.; ASTAKHOV, A.N., red. ; KARABAYEVA, Kh.U., tekhn. red.

[Materials of the Uzbek Conference on the Methods and Study of the Use of Defoliants, Desiccants, and Herbicides in Cotton Growing]Materialy Respublikanskogo nauchno-metodicheskogo soveshchaniia po primeneniiu defoliantov, desikantov i gerbitsidov v khlopkovodstve. Tashkent, Izd-vo Akad. nauk UzSSR, 1962. 202 p. (MLuA 15:7)

1. Respublikanskoye nauchno-metodicheskoye soveshchaniye po primeneniyu defoliantov, desikantov i gerbitsidov v khlopkovodstve, Tashkent, 1960. 2. Chlen-korrespondent Akademii nauk Uzbekskoy SSR (for Sadykov, TSukervanik). 3. Institut fiziologii rasteniy im. K.A.Timiryazeva Akademii nauk SSSR (for Rakitin, Ovcharov). 4. Institut genetiki i fiziologii rasteniy Akademii nauk Uzbekskoy SSR (for Sadykov, Imamaliyev, Kamilova). 5. Institut zashchity rasteniy Ministerstva sel'skogo khozyaystva Uzbekskoy SSR (for Aleyev).
(Uzbekistan--Cotton research--Congresses)

OVCHAROV, K.Ye. (Moskva)

Role of vitamins in the allelopathy of plants. Usp. sovr. biol. 51 no.1:50-61 Ja-F '61. (MIRA 14:3)
(VITAMINS) (ALLELOPATHY)

SMIRNOV, A.M.; OVCHAROV, K. Ye.

Biosynthesis of ascorbic acid in isolated plant roots. Fiziol. rast. 7 no.2:240-242 '60. (MIRA 14:5)

1. K.A. Timiriazev Institute of Plant Physiology, U.S.S.R Academy of Sciences, Moscow.
(Ascorbic acid)
(Roots (Botany))

OVCHAROV, K.Ye.

Inhibiting the development of growing plants. Itogi nauki: Biol. nauki no.2:449-455 '58. (MIRA 12:4)

(Growth inhibiting substances)