

NAVASARDOV, S.M. (Magadan)

American expansion and the condition of the smaller nations in extreme northeastern Asia during the second half of 19th and the beginning of 20th century. Sov. zdrav. 19 no.11:49-53 '60.
(MIRA 13:11)

1. In kafedry organizatsii zdravookhraneniya (zav. - prof. N.A. Vinogradov) Tsentral'nogo instituta usovershenstvovaniya vrachey.
(SIBERIA, EASTERN--PUBLIC HEALTH)
(UNITED STATES--FOREIGN RELATIONS--RUSSIA)
(RUSSIA--FOREIGN RELATIONS--UNITED STATES)

NAVASARDYAN, A.A.

Effect of penicillin on agglutinin formation in brucellosis.

Izv. AN Arm. SSR. Biol. nauki 15: no. 5: 89-94 My '62.

(MIRA 17:6)

1. Kafedra mikrobiologii Yerevanskogo zooveterinarnogo instituta.

SHAKARYAN, G.A.; NURAZYAN, A.G.; SURIASYAN, A.O.; NAVABEKIAN, A.A.

Effect of penicillin on the formation of agglutinins after the immunization of rabbits with paratyphoid vaccine. Izv. Ak. Arm. SSR Biol. nauki 16 no.3:3-7 Mr '63. (MIWA 17:10)

1. Kafedra mikrobiologii Yerevanskogo zootehnicheskovo-veterinarnogo instituta.

NAVASARDYAN, A.A.

Effect of penicillin and streptomycin on the process of the formation of complement-fixing antibodies in brucellosis.

Izv. AN Arm. SSR. Biol. nauki 16 no.9:47-54 1963

(MIRA 17:7)

1. Kafedra mikrobiologii Yerevanskogo zooveterinatnogo instituta.

ACCESSION NR: AP4021554

S/0298/64/017/002/0055/0062

AUTHOR: Shakaryan, G. A.; Nurazyan, A. G.; Navasardyan, A. A.;
Oganasyan, M. A.; Martirosyan, R. Z.

TITLE: Effect of antibiotics on antibody production in sheep
immunized with Brucella vaccine

SOURCE: AN ArmSSR. Izv. Biologicheskiye nauki, v. 17, no. 2, 1964,
55-62

TOPIC TAGS: antibiotic effect, antibody production, Brucella
vaccine immunization, penicillin, streptomycin, biomycin, monomycin,
agglutination reaction, fixation of complement

ABSTRACT: Six groups of sheep (10 each) were immunized with single
subcutaneous injections of Brucella live vaccine (strain No. 19,
series No. 1803). Penicillin, streptomycin, biomycin, monomycin, and
monomycin combined with penicillin were administered twice the first
day and twice daily the six subsequent days to 5 groups, with the
sixth group serving as a control. Animal blood was tested before
immunization for agglutination reaction and fixation of complement

Card: 1/2

ACCESSION NR: AP4021554

and after immunization was tested every 7 days for a 42 day period. Results show that penicillin does not depress the production of agglutinins or complement fixation antibodies. Agglutinin production is slightly depressed by streptomycin and monomycin combined with penicillin, and is sharply depressed by biomycin and monomycin. Production of complement fixation antibodies is also depressed by biomycin, streptomycin, and especially by monomycin. Orig. art. has: 2 figures.

ASSOCIATION: Kafedra mikrobiologii Yerevanskogo zooveterinarskogo instituta (Microbiology Department of the Erevan Zooveterinary Institute)

SUBMITTED: 25Sep63

DATE ACQ: 31Mar64

ENCL: 00

SUB CODE: LS

NR REF SOV: 028

OTHER: 000

Card 2/2

SHAKARYAN, G.A.; NAVASARDYAN, A.A.

Effect of monomycin on preventive properties of the serum.
Izv. AN Arm. SSR. Biol. nauki 18 no.8:56-60 Ag '65.

(MIRA 18:9)

1. Kafedra mikrobiologii Yerevanskogo zooveterinarnogo
instituta.

L 37671-66 EWT(1)/T JK

ACC NR: AP6028847

SOURCE CODE: UR/0427/66/019/004/0009/0014

AUTHOR: Shakaryan, G. A.; Nurazyan, A. G.; Navasardyan, A. A.ORG: Department of Microbiology, Yerevan Zooveterinary Institute (Kafedra mikrobiologii yerevanskogo zooveterinarnogo instituta)

TITLE: Effect of monomycin on immunogenesis in brucellosis

SOURCE: Biologicheskij zhurnal armenii, v. 19, no. 4, 1966, 9-14

TOPIC TAGS: brucellosis, immunization, rabbit, vaccine, drug effect, blood serum, antibiotic

ABSTRACT: Monomycin ($C_{28}H_{56}O_{17}$ - related to neomycin and kanamycin) in a dose of 20,000 units/kg/day administered to rabbits simultaneously with brucellosis vaccine or 7 days later inhibited the formation of specific agglutinins and complement-fixing antibodies. The inhibitory effect was more pronounced when the antibiotic was combined with the vaccine.

The same dose of monomycin also inhibited the complement activity of blood serum. The degree of inhibition was greater in the animals receiving only the antibiotic. It seems that monomycin suppresses the mechanism of nonspecific defense, thereby preventing its activation. Subsequently, when the organism is completely freed from the effect of monomycin and there is no longer anything to prevent triggering of the above mechanism, the complement titer again rises. Orig. art. has: 3 figures and 2 tables. [JPRS: 36,932]

SUB CODE: 06 / SUBM DATE: 14 Nov 64 / ORIG REF: 029 /

Card 1/1

NACHSARDYAN, A. G.

PETROSYAN, A.P., NACHSARDYAN, A.G.

Effect of developmental phases and age in leguminous plants on the activity of nodule bacteria. Report no.1. *Izv.AN Arm.SSR.Biol. 1 sel'khoz.nauki 9 no.11:45-56 N'56.* (MLRA 10:1)

1. Sektor mikrobiologii Akademii nauk Arмянskoy SSR.
(Micro-organisms, Nitrogen-fixing)
(Alfalfa)

NAVASARDYAN, G.S.; KUKROV, R.A.

Improving the heat insulation shielding of drying machinery.
Tekst.prom. 23 no.1:20-22 Ja '63. (MIRA 16:2)

1. Nachal'nik Spetsial'nogo konstruktorskogo byuro po
proyektirovaniyu sushil'nogo oborudovaniya dlya tekstil'noy
i legkoy promyshlennosti (for Navasardyan). 2. Iсполняющий
obyazannosti nachal'nika otdela avtomatizatsii Spetsial'nogo
konstruktorskogo byuro po proyektirovaniyu sushil'nogo
oborudovaniya dlya tekstil'noy i legkoy promyshlennosti
(for Kukrov).

(Drying apparatus)

ACCESSION NR: AP4037620

S/0252/64/038/003/0149/0151

AUTHOR: Kocharyan, N. H. (Corresponding member); Bezirganyan, P. A.; Navasardyan, M. A.

TITLE: Crystallinity of Nairit rubber

SOURCE: AN ArmSSR. Doklady*, v. 38, no. 3, 1964, 149-151

TOPIC TAGS: polychloroprene, Nairit, amorphous Nairit, crystalline Nairit, Nairit stretching, Nairit crystal formation, Nairit crystal orientation

ABSTRACT: In the opinion of numerous Soviet and foreign authors: 1) polychloroprene rubber is amorphous at room temperature and its crystallinity below 15C is negligible; 2) on stretching there is no orientation of already existing crystals but a spontaneous formation of crystals oriented in the direction of the stretch takes place. An x-ray study of Nairit rubber showed that: 1) depending on the polymerization method, Nairit can exist at room

Card 1/2

ACCESSION NR: AP4037620

temperature in an amorphous state, a partly crystalline state with small crystals, and a partly crystalline state with large crystals; 2) stretching of Nairit results in an increase of the dimensions and/or perfection of the existing small crystals, or results in the formation of oriented crystals and the orientation of a portion of the existing crystals in the direction of the stretch. Such an orientation can take place only when the crystals are sufficiently small. Orig. art. has: 3 figures.

ASSOCIATION: none

SUBMITTED: 12Oct63

DATE ACQ: 03Jun64

ENCL: 00

SUB CODE: MT

NO REF SOV: 004

OTHER: 000

Card 2/2

YAROSHENKO, G.D.; KAVASARDYAN, O.A.; GRIGORYAN, Ye.A.

**Results of introducing certain trees and shrubs in the Erivan
Botanical Garden. Biol.Bot.sada [Eriv.] no.10:5-15 '50. (MLRA 9:8)
(Erivan--Plant introduction)**

BELYAYEV, A.M.; IOFFE, E.I.; PERVOZVANSKIY, A.I.; NAVASARDYAN, Y.N.;
BLIOKH, S.S.; REVAZASHVILI, B.I.; PROTOPOPOV, M.M.; RAKHMATULLIN,
K.Kh.; SEMENOV, V.I.; KRIVOSHEIN, S.S.; SHVETSOV, A.P.; MAKANOV, M.P.;
OTROZHENNOV, A.I.; ZHUKOV, D.D.; BELYAYEV, A.M.

Speeches. Trudy Mekhanobr. no.93:122-173 '56. (MIRA 11:6)
(Ore dressing--Equipment and supplies) (Waste products)

NAVASHIN, Mikhail Sergeevich; MAKSUTOV, D.D., otv. red.; BRONSHTEYN,
V.A., red.

[Instructions for constructing a reflecting telescope] In-
strutsiia i izgotovleniiu samodel'nogo teleskopa-reflektora.
Moskva, Izd-vo Akad. nauk SSSR, 1962. 49 p. (MIRA 15:6)

1. Chlen-korrespondent Akademii nauk SSSR (for Maksutov).
(Telescope, Reflecting)

~~NAVASHIN, Mikhail Sergeyevich; MAKSUTOV, D.D., red.; KULIKOV, G.S.,
red.; PLAKSEEV, L.Yu., tekhn. red.~~

[Telescope of an amateur astronomer] Teleskop astronoma-
liubitelia. Pod red. D.D.Maksutova. Moskva, Fizmatgiz, 1962?
375 p. (MIRA 15:1:1)

1. Chlen-korrespondent Akademii nauk SSSR (for Maksutov).
(Telescope, Reflecting)

NAVASHIN, S., kandidat meditsinskikh nauk

Immortal cells. Znan.sila 35 no.7:13-14 JI '60.
(MIRA 13:7)

(Poliovylitis) (Cells)

NAVASHIN, M.

"On the Proportions of "Primary" and "Secondary" cells in the Dermatogene of the embryonic root in relation to cell differentiation." (p. 377) by Kirnossova, L. J.; and Navashin, M.

SO: Biological Journal (Biologicheskii Zhurnal) Vol. V, 1936, No. 2

NAVASHIN, M. S.

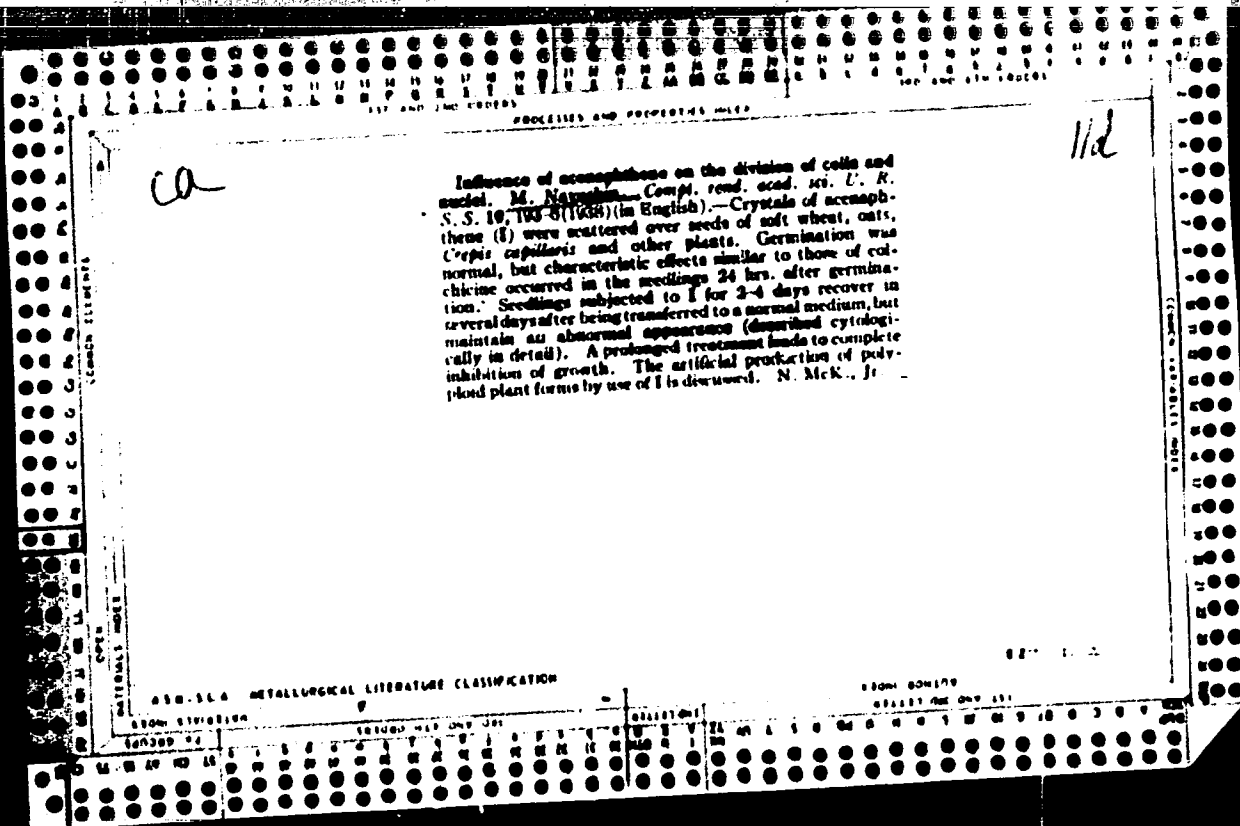
"The influence of increased temperature on the frequency of chromosomal mutations in Crepis under different conditions of relative humidity of the air." *Cytology laboratory* (Chief: M.S. Navashin), K. A. TIMIRYAZEV Biological Institute (Dir: B. P. Tokin), No. 100. (p. 887) by Shkvarnikov, P. K.

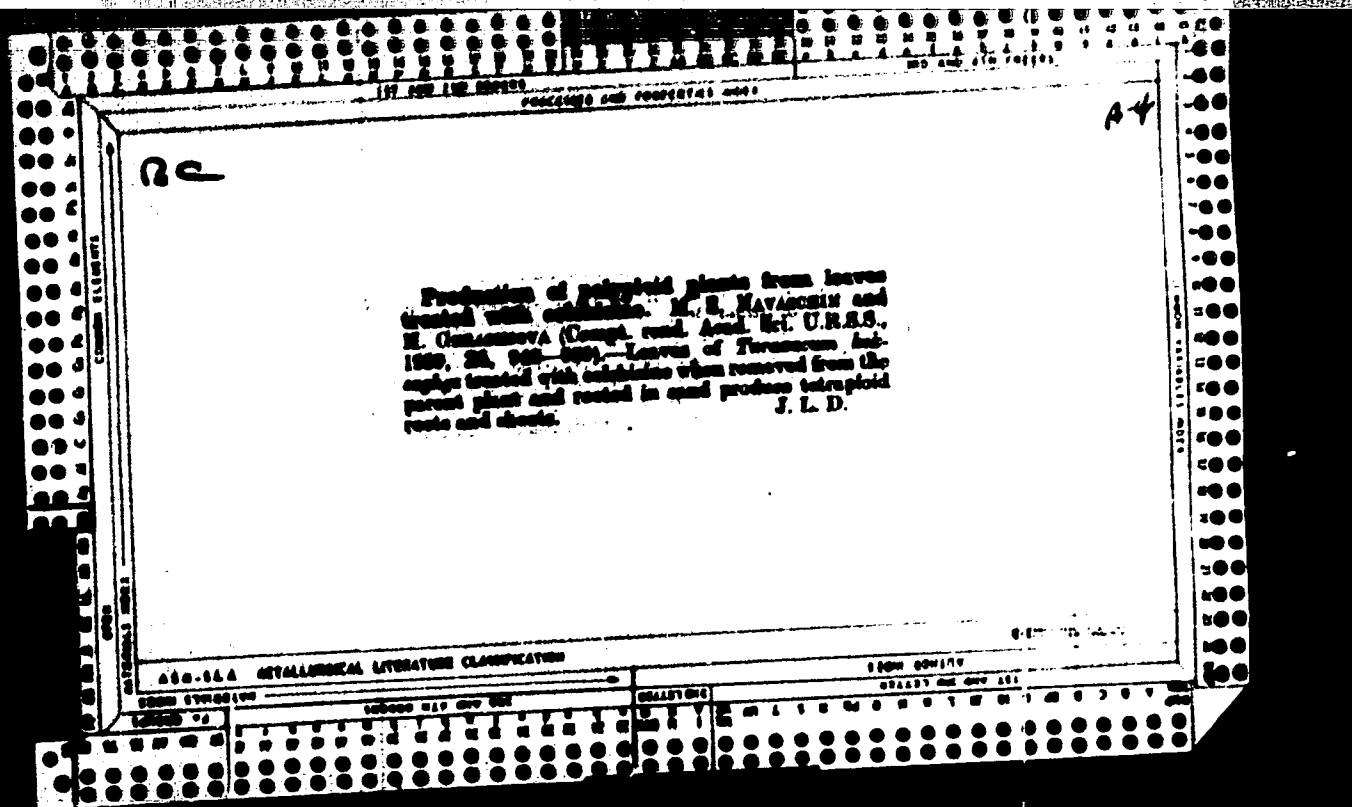
SO: Biological Journal (Biologicheskii Zhurnal) Vol. V, 1936, No. 5

NAVASHIN, M. S.

"Experimentally produced haploid plant in Crepis Tectorum L." Cytology Laboratory
(Chief: Prof. M. S. Navashin), K. A. Timiryazev Biological Institute (Dir: B.P. Tokin),
Moscow. (p. 895) by Gerasimova, E. (Holon) N.

SO: Biological Journal (Biologicheskii Zhurnal) Vol. V, 1936, No. 5

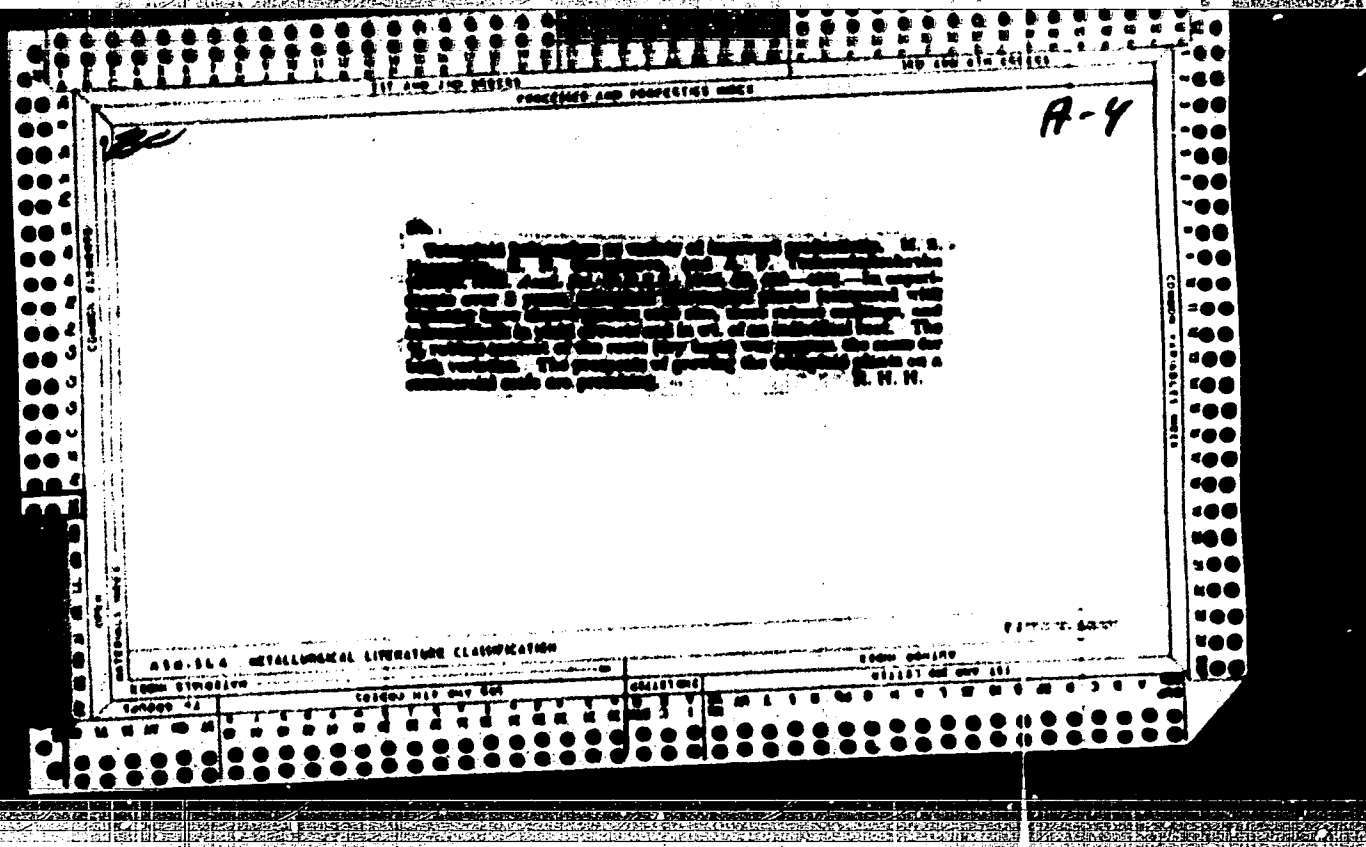




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BII. -1

[REDACTED]



110

CA

PROCESSES AND PROPERTIES INDEX

A field method for estimating rubber content of live roots of rubber plants. M. S. Navashin and A. F. Chernichenko (Inst. Cytology, Histology, Embryology, Acad. Sci. U.S.S.R.). *Compt. rend. acad. sci. U.S.S.R.* 48, 294-295 (1945) (in English). - The opalescence of the H₂O soln. of the latex was used to select tetraploid kok-saghyz plants with high rubber content. Fifteen mg. or more of latex from the surface of a freshly cut root was diluted with H₂O in a large test tube until it became possible to read printed characters by reflected light through the opalescent liquid. The no. of ml. of H₂O used in diln. divided by the no. of mg. of latex was called "opalescence no."; this was directly proportional to the total solids and pure rubber content of the latex; values from 1.0 to 1.9 corresponded to 2.2% rubber and 0.9 to 4.9 equald 5.5% (air dry basis). For use in the field, a test tube with a strip of pre-printed text fastened to it was filled with H₂O to a pre-deterd. mark and a drop of latex added. If the text was readable, the plant was rejected; if illegible, it was considered worthy of propagation. The time required for the detn. was about 1 minute. Carl S. Gilbert

METALLURGICAL LITERATURE CLASSIFICATION

ASS-150

10000 50000 100000 150000 200000 250000 300000 350000 400000 450000 500000 550000 600000 650000 700000 750000 800000 850000 900000 950000 1000000

f. Planting

S.C.L.

Improved L.A. rubber variety: N.S. Krasovskiy
(Soviet News, 1946, Oct. 31).—Scientists working at the Soviet Academy of Sciences, after many years' experiments, have developed a highly productive variety of latex rubber with seeds twice as big and yielding 60% more latex than the common variety. The first consignments of this special variety are being delivered to factories of the Ministry of the Rubber Industry. 1946

1946

NAVASHIN, M. S.

"Chromosome Distribution in the Metaphase and the Dynamics of the
Nucleus Dok. AN, 57, No. 6, 1947

NAVASHIN, M. S.; GERASIMOVA-NAVASHINA, YE. N.

Kok-saghyz.....

Tetraploidy and tetraploid kok-saghyz., Agrobiologiya, no. 6, 1951.

SO: Monthly List of Russian Accessions, Library of Congress, April ² 1957, Uncl.

NAVASHIN, M. S.

Plant Cells and Tissues

Significance of size of meristematic cells to growth and development. Trudy Bot.inst.
AN SSSR, Ser. 7, No. 2, 1951.

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

KAVASHIN, M.S.

Striking of roots. Trudy Bot.inst. Ser.7 no.3:226-240 '52.

(Roots (Botany))

(ICRA 8:4)

NAVASHIN, M.S.; MAKUTOVA, D.D. [redaktor].

[Homemade reflector telescopes] Samodel'nyi teleskop-reflektor. Pod red.
D.D. Maksutova. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry. 1953. 239 p.
(MLRA 6:10)
(Telescope. Reflecting)

MAVASHIN, M.S.

LEBEDEV, D.V.; MAVASHIN, M.S.; OLENOV, Yu.M.

Soviet students need a good textbook of genetics. Vest. *Gen.*
un. 11 no.21:135-143 '56. (MLBA 10:2)

(GENETICS)

USSR / General Biology. Cytology. General Cytology. B-2

Abs Jour: Ref Zhur-Biol., No 18, 1958, 80936.

Author : Navashin, M. S.

Inst : Not given.

Title : Chromosomes and Species Formation.

Orig Pub: Botan. zh., 1957, 42, No 11, 1615-1634.

Abstract: Fundamental features of the composition of a normal chromosome apparatus were investigated, as well as numerical and structural changes of chromosomes. The meaning of the study of comparative cytology for the solution of problems of systematism and evolution of species were indicated. On the basis of ascertaining the brief relations among kindred polyploids, it was possible to determine the relative size of the species. The author explained the genesis of pro-

Card 1/2

Card 2/2

NAVASHIN, M.S.; GERASIMOVA-NAVASHINA, Ye.N.

Studying cellular processes on fixed material [with summary in English]. Bot. zhur. 43 no.2:167-177 F '58. (MIRA 11:5)

1. Botanicheskiy institut im. V.L. Komarova Akademii nauk SSSR, Leningrad.
(Plant cells and tissues) (Microscopy--Technique)

MAVASHIN, M.S.

Recollections about Vladimir Vil'gel'movich Finn. Bot. zhur.
43 no.9:1353-1356 S '58. (MIRA 11:10)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR, Leningrad.
(Finn, Vladimir Vil'gel'movich, 1878-1957)

NAVASHIN, S.M.; FOMINA, I.P.; TERENT'YEVA, T.G.

Effect of some microbial polysaccharides on transplanted tumors
in animals. Dokl. AN SSSR 158 no.4:981-983 0 '64.

(MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
Predstavleno akademikom A.A. Imshenetskim.

NAVASHIN, S.M.

YERMOL'YENVA, Z.V., professor; NAVASHIN, S.M.

Antibiotics in medicine. Priroda 44 no.12:47-50 D '55. (MLRA 9:1)
(Antibiotics)

NAVASHIN, S.M.

Effect of antibiotics on the course of experimental dysentery intoxication
[with summary in French, p.64] Antibiotiki 1 no.4:44-48 J1-Ag '56.

(NIRA 9:11)

1. Laboratoriya izucheniya lechebnykh svoystv novykh antitiotikov
(sav. - doktor meditsinskikh nauk V.A.Shorin) Instituta po izyucheniyu
novykh antibiotikov ANU SSSR i laboratoriya fiziologii immunitete (sav.
doktor biol. nauk D.F.Pletsitsyy) Instituta normal'noy i patalogiches-
skoy fiziologii ANU SSSR.

(ANTIBIOTICS, eff.

on exper. intoxication caused by complete antigen of
Shigella flexneri)

(DYSENTERY, BACILLARY, exper.

eff. of antibiotics on intoxication caused by complete
antigen of Shigella flexneri)

MAYASHIN, S.M.

Intramuscular administration of biomyacin and terramycin in experimental dysentery [with summary in French, p.58]. Antibiotiki 1 no.6:48-51 M-D '56. (MLIA 10:3)

1. Kafedra mikrobiologii (sav. - chlen-korrespondent AMN SSSR prov. Z.V.Yermol'eva) Tsentral'nogo instituta usovershenstvovaniya vrachey i Mediko-biologicheskaya stantsiya AMN SSSR (Sukhumi)

(SHIGELLA, DYSENTERIAE,

toxin, pos. in animals, eff. of intramusc. chlortetracycline & oxytetracycline (Rus))

(CHLORTETRACYCLINE, effects,

on exper. Shigella dysenteriae toxin pos., intramusc. admin.)

(OXYTETRACYCLINE, effects,

same)

NAVASHIN, S.M.

Scientific center in the subtropics. Edorov's no.10:22-24 0 '56.

(SUKHUMI--APES)

(MLRA 9:11)

NAVASHIN, S. M. Cand Med Sci -- (diss) "Study of the effect of tetracyclines
~~and upon~~ treatment of various types of experimental dysentery."

Mos, 1957. 13 pp (Min of Health USSR. Central Inst for the Advanced Training
of Physicians), 200 copies. List of author's works, p 13 (10 titles).

(KL, 5-58, 103)

RAVICHIN, S.M.

YERMOL'YEVA, Zinaida Vissarionovna; RAVICH, Isabella Vladimirovna;
~~RAVICHIN, S.M.~~ redaktor; BUL'DYAYEV, N.A., tekhnicheskiy redaktor

[Antibiotics] Antibiotiki. Moskva, Gos.izd-vo med. lit-ry,
1957. 29 p. (MIRA 10:9)
(ANTIBIOTICS)

NAVASHIN, S.M.: VED'MINA, Ye.A., (Cand. of Med. Sci.)

"Administration of Biomycin and Terramycin in Combination With Ecmolin in the Treatment of Experimental Dysentery,"

p. 163 Ministry of Health USSR Proceedings of the Second All-Union Conference on Antibiotics, 31 May - 9 June 1957. p. 405, Moscow, Medgiz, 1957.

NAVASHIN, S.M.
SAZYKIN, Yu.O.; NAVASHIN, S.M.

Second All-Union Conference on antibiotics. Vest. AMN SSSR 12 no. 5:
76-83 '57. (MIRA 11:1)
(ANTIBIOTICS)

YERMOL'YEVA, Z.V., RAVICH, I.V., BRAUDE, A.I., NAVASHIN, S.M. (Moskva)

Effect of penicillin, streptomycin and tetracycline on tumor
growth. Antibiotiki 3 no.4:115-123 JL-Ag '58 (MIR/ 11:10)
(ANTIBIOTICS)
(TUMORS)

YERMOL'YEVA, Z.V., prof. ~~CHAYASHIN, S.M.~~ kand.med.nauk

Microbes against microbes. Zdorov'e 4 no.11:10-12 # '58.
(MIFA 11:11)

1. Chlen-korrespondent AMN SSSR (for Yermol'yeva).
(ANTIBIOTICS)

NAVASHIN, S. M., VED'MINA, YE. A.

"Study of the effect of antibiotics in an experimental dysentery infection."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

NAVASHIN, S.M.

"Hindustan Antibiotics Bulletin" [in English], vol.1, no.1,
August '58. Reviewed by S.M.Navashin. Antibiotiki 4
no.1:119-120 Ja-F '59. (MIRA 12:5)
(INDIA--ANTIBIOTICS--PERIODICALS)

NAVASHIN, S.M.

In English scientific institutions. Antibiotiki 4 no.5:120-125

S-0 '59.

(MIRA 13:2)

(GREAT BRITAIN--ANTIBIOTICS)

MAVASHIN, S.M.; STEPANOVA, L.G.

Effect of certain antibiotics on the development of monolayer tissue cultures (HeLa and H. Ep. 2 strains) of human neoplasms. Antibiotiki 38-44 N-D '59. (MIRA 13:3)

1. Laboratoriya novykh antibiotikov kafedry mikrobiologii (zaveduyushchiy - chlen-korrespondent AMN SSSR prof. S.B. Yerem'yeva) Tsentral'nogo instituta usovershenstvovaniya vrachey i laboratoriya immunobiologii Moskovskogo instituta preparatov protiv poliomyelita.

(ANTIBIOTICS pharmacol.)

(NEOPLASMS exper.)

MAVASHIN, S.M.; BRAUDE, A.I.

On the detoxifying effect of antibiotics of the tetracycline group
in experimental dysenterial intoxication. *Biul. eksp. biol. i med.*
47 no.8:39-43 Ag '59. (MIRA 12:11)

1. Iz laboratorii novykh antibiotikov kafedry mikrobiologii (sav. -
chlen-korrespondent AMN SSSR prof. Z.V. Yernol'yeva) Tsentral'nogo
instituta usovershenstvovaniya vrachey, Moskva. Predstavlera deyst-
vitel'nykh chlenov AMN SSSR G.P. Rudnevym.

(SHIGELLA)

(TOXINS AND ANTITOXINS)

(TETRACYCLINE pharmacol.)

NAVASHIN, S.M.; FOMINA, I.P.; THERENT'YEVA, T.G.

Dehydrogenase activity inhibition test for certain strains of human cancer cells in selecting antitumor antibiotics. Antibiotiki 5 no. 5:53-58 S-0 '60. (MIRA 13:10)

1. Laboratoriya novykh antibiotikov kafedry mikrobiologii (zav. - chlen-korrespondent AMN SSSR prof. Z.V. Yermol'yeva) Tsentral'nogo instituta usovershenstvovaniya vrachev.
(ANTIBIOTICS) (CYTOTOXIC DRUGS) (TUMORS)

SOLOV'YEVA, N.K.; DELOVA, I.D.; GERMANOVA, K.I.; SAVEL'YEVA, A.M.; KHOKHLOV,
A.S.; MAMIOFE, S.M.; SINITSYNA, Z.T.; PETROVA, M.A.; KOROLEVA, V.A.;
NAVASHIN, S.M.; FOMINA, I.P.; BUYANOVSKAYA, I.S.; VASILENKO, O.S.;
YEFREMOVA, S.A.; BEREZINA, Ye.K.; VEYS, R.A.; DMITRIYEVA, V.S.;
SEMENOV, S.M.; SHNEYERSON, A.N.

Polymycin, a new antibiotic from the streptotricin group. Antibiotiki
5/no.6:5-10 N-D 160. (MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov,
kafedra mikrobiologii Tsentral'nogo instituta usovershenstvovaniya
vrachey.

(ANTIBIOTICS)

NAVASHIN, S.M., kand.med.nauk

Life outside the body. Zdorov'e 6 no.7:6-7 Je '60.

(MIRA 13:7)

(CELLS)

HAYASHIN, S.M., kand.med.nauk

Notes on Great Britain. Nauka i shisn' 27 no.8:67-71 Ag
60. (MIRA 13:9)
(Great Britain--Description and travel)

NAVASHIN, S.H., kand.med.nauk

Remedies borrowed from nature. Znan.sila 35 no.5:18-19 My '60.
(MIRA 13:7)

(CANCER)

(ANTIBIOTICS)

(BOTANY, MEDICAL)

NAVASHIN, S.M., kard.med.nauk (Moskva)

"Physics and chemistry of life"; articles translated from the English.
Reviewed by S.M.Navashin. Priroda 49 no.10:105-106 0 '60.

(MIRA 13:10)

(BIOCHEMISTRY)

(BIOPHYSICS)

NAVASHIN, S. M., RAVICH, V. V., VEDMINA, YE. A., GOLOSOVA, I. V.,
YERMOLYEVA, Z. V., VAYSBERG, G. YE., BRAUD, A. I., AFANASYEVA, I. I.,
GIVENTAL, N. I., FURER, H. M., and FOMINA, I. P. (USSR)

"Biological Effects of some Polysaccharides of Bacterial Origin."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 Aug 1961

FOMINA, I.P.; NAVASHIN, S.M.

Comparative studies on antibiotic toxicity in cultures of transplatable human amnion cells. Antibiotiki 6 no.4:319-324 Ap '61.

(MIRA 14:5)

1. Laboratoriya novykh antibiotikov kafedry mikrobiologii (sav. - chlen-korrespondent AMN SSSR prof. Z.V.Yermol'yeva) Tsentral'nogo instituta usovershenstvovaniya vrachey.

(ANTIBIOTICS—TOXICOLOGY)

NAVASHIN, S.M.

"Principal manifestations of the U.A. Askarov side effects of antibiotics in clinical practice." Reviewed by S.M. Navashin.
Antibiotiki 6, no. 6: 567-569 J. '61. (MIRA 15:1)
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YERMOL'YEVA, Z.V.; VAYSBERG, G.Ye.; BRAUDE, A.I.; AFANAS'YEVA, T.I.;
GIVENTAL', N.I.; FURER, N.M.; FOMINA, I.P.; ~~NAVASHIN, S.M.~~;
RAVICH, I.V.; VED'MINA, Ye.A.; GOSOLOVA, T.V.; ZABOLOTSKAYA, N.N.

Biological action of some polysaccharides of microbial origin.
Antibiotiki 6 no.7:618-623 JI '61. (MIRA 15:6)

1. Kafedra mikrobiologii (zav. - chlen-korrespondent AMN SSSR
prof. Z.V. Yermol'yeva) Tsentral'nogo instituta usovershenstvovaniya
vrachey.

(POLYSACCHARIDES)

NAVASHIN, S.M.; FOMINA, I.P.; KORELEVA, V.G.

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in a culture of human cancer cells. Antibiotiki 6 no. 10:912-918
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1. Laboratoriya novykh antibiotikov kafedry mikrobiologii (zav. -
chlen-korrespondent AMN SSSR prof. Z.V. Yermol'yeva) Tsentral'nogo
instituta usovershenstvovaniya vrachey, otdel eksperimental'noy
terapii Vsesoyuznogo nauchno-issledovatel'skogo instituta
antibiotikov.

(CANCER) (ACTINOMYCES) (POLYMYXIN)

NAVASHIN, S.M., kand.med.nauk

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(MIRA 14:6)

(MICRO-ORGANISMS)

NAVASHIN, S.M., kand.med.nauk [translator]

Fleming's lysozyme (from "Scientific American," no.6, 1960).
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YERMOL'YEVA, Z.V.; RAVICH, I.V.; LAVASHIN, S.M.; BRAUDE, A.I.; FOMINA, I.P.;
TERENT'YEVA, T.G.; POKIDOVA, N.V.; BOYKO, V.I.

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of natural origin. Antibiotiki 7 no.7: 571-581 J1'62.
(MIRA 16:10)

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TSentral'nogo instituta usovershenstvovaniya vrachey.
(CYTOTOXIC DRUGS) (POLYSACCHARIDES) (PEPTIDES)
(VIRUSES)

NAVASHIN, S.M.; FOMINA, I.P.

/ Effect of some high-molecular polypeptides on cultures of human tumor cells. Antibiotiki 7 no.7:594-597 JI.'62.

(MIRA 15:10)

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TSentral'nogo instituta usovershenstvovaniya vrachey.
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NAVASHIN, S.M.

"Allergy to medicinal substances. Reviewed by S.M.Navashin.
Antibiotiki 7 no.9:853-854 S '62. (MIFA 15:12)
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YERMO~~L~~'YEVA, Z.V., prof.; NAVASHIN, S.M., kand.med.nauk

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(MIRA 15:3)

1. Chlen-korrespondent AMN SSSR (for Yermol'yeva).
(ANTIBIOTICS)

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"A timely detected danger" by P.A.Petrishcheva. Zdorov'ie 8 no.2:
27 F '62. (MIRA 15:4)

(PARASITOLOGICAL RESEARCH) (PETRISHCHEVA, P.A.)

NAVASHIN, S.M., kand.med.nauk

A delegate's notes. Zdorov'e 8 no.10:7-8 0 '62. (MIRA 15:10)
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NAVASHIN, S.M.; BRAUDE, A.I.; Primali uchastiye: FOMINA, I.P.; TERENT'YEVA, T.G.

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1. Laboratoriya novykh antibiotikov kafedry mikrobiologii Tsentral'nogo
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(CANCER) (POLYSACCHARIDES) (ACETOBACTER)

YERMOL'YEVA, Z.V.; FURER, N.M.; RAVICH, I.V.; MAVASHIN, S.M.; BRAUDE, A.I.;
FOMINA, I.P.; ZHUKOVSKAYA, N.A.; BALEZINA, T.I.; VED'MINA, Ye.A.;
GOLOSOVA, T.V.; NEMIROVSKAYA, B.M.; TERENT'YEVA, T.G.

Experimental study and clinical use of lysozyme. Antibiotiki
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Antibiotiki 9 no. 10: 11-15, 1964. (MIRA 18: 1)

I. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov,
Moskva.

ZHUKOV, V. G.; NAVASHIN, S. M.

"Comparative evaluation of antimicrobial effect of some semisynthetic penicillins
in vitro and in vivo."

report submitted for Antibiotics Cong, Prague, 15-1, Jun 64.

All-Union Res Inst of Antibiotics, Moscow.

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report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

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KRASIL'NIKOV, N.A.; SKRYABIN, G.K.; NAVASHIN, S.M.

Reviews and bibliography. Antibiotiki 9 no.12:1111-1119 D '64.
(MIRA 18:7)

L 24106-66 EWT(1)/T JK

ACC NR: AP6014660

SOURCE CODE: UR/0297/65/01C/002/0141/0147

AUTHOR: Zhukov, V. G.; Navashin, S. M.ORG: All-Union Scientific Research Institute of Antibiotics, Moscow (Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov)TITLE: Investigation of the toxicity of certain semisynthetic penicillins^{to} in tissue culture⁶

SOURCE: Antibiotiki, v. 10, no. 2, 1965, 141-147

TOPIC TAGS: penicillin, toxicology, nonmetallic organic derivative

ABSTRACT: A comparative study of the toxicity of oxacillin, ampicillin, and methycillin -- semisynthetic penicillins, and a comparison of their toxicity with that of the sodium and potassium salts of benzylpenicillin and phenoxymethylpenicillin were conducted. The following tissue cultures were used in the investigations: a) transplantable strains of the cells of human amnion and the epithelium of the renal organs of a human embryo; b) preliminarily trypsinized cultures of fibroblast cells of a hen's embryo and the kidney of a primate. The cells in test tubes were incubated for a period of 48 hours and were then replaced by fresh cells with the serum removed and antibiotics in various concentrations added. The results were calculated within one to four days after the addition of the antibiotics by counting the cells removed from the surface of the glass tubes. The investigations established that the semisynthetic penicillins -- oxacillin, ampicillin, and methycillin -- are little toxic in human tissue culture.

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UDC: 615.779.932-099-092.18

L 24106-66

ACC NR: AP6014660

ampicillin and methycillin are considerably less toxic than the Na salt of benzylpenicillin; oxacillin is close to the sodium salt of benzylpenicillin in toxicity, but is considerably less toxic than the K salt of either benzylpenicillin or phenoxymethylpenicillin. It is the authors' opinion that the method of evaluating the toxicity of the antibiotics in tissue culture described in the article could be applied for the differentiation of relatively close properties of semisynthetic penicillins. Orig. art. has: 2 figures and 4 tables. [JPRS]

SUB CODE: 06, 07 / SUBM DATE: 19May64 / ORIG REF: 008 / OTH REF: 006

Card 2/2 *lu*

SAZYKIN, Yu.O.; NAVASHIN, S.M.

Penicillamine and its use in medical practice. Antibiotiki 10 no.6;
562-573 Je '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov, Moskva.

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Induced tolerance to the antineoplastic effect of bacteria.
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(MIRA 19:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov,
Moskva. Submitted May 3, 1965.

NAVATNIKOV, G.I.

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no.4:39 Ap '60. (MIRA 13:6)
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NAVAYCHIK, N.M. Cand Ped Sci -- (diss) "^{Factoring} development of
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Ped Inst). 100 copies. (KL, 23-57, 118)

139
-147-

3/115/60/000/05/21/074
2007/B011

AUTHORS: Malitov, R. A., Vikhrov, G. F., Nayderov, V. E.

TITLE: Some Cases of the Use of Electronic Pulse Counters in Measuring Technology

PERIODICAL: Izmeritel'naya tekhnika, 1960, No. 5, pp 41-44

TEXT: The principles underlying the construction of electronic measuring devices with digital indication, based on the use of pulse counters, had been described in the papers of Refs. 1, 2, 3. The authors examined several special cases in which electronic pulse counters were used in calibration test systems. Frequency dividers with adjustable dividing ratio are first dealt with, and the two possible types of construction are shown in this connection. The block diagram relating to the second type is shown in Fig. 1 and explained. This method is based on the possibility of availing oneself of a pulse to bring an n-chain of series-connected binary cells into such a position as corresponds to an arbitrary number of stored pulses smaller than 2^n . Diagrams of the conditions with time in the

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Card 1/3

Some Cases of the Use of Electronic
Pulse Counters in Measuring Technology

S/115/60/000/05/21/034
B007/B011

divider are shown in Fig. 2. On the basis of the divider shown here, circuits can be set up for the conversion and the production of electric oscillations. The production of delayed pulses is investigated next. The principle consists in the separation of 2 pulses from their periodic sequence, with these 2 pulses standing apart from one another by M discrete periods of this sequence. The block diagram of a variant of such a system is shown in Fig. 3 and explained. The deficiencies exhibited by this circuit are pointed out, and a block diagram free of these deficiencies is shown in Fig. 4. It features additional cascades for the selection of the pedestal pulse and of the delayed output pulse. The mode of selection of these two pulses is shown here. To produce groups of pulses with a precisely known number of pulses as well as a determined repetition frequency of such groups, the circuits given here can be used. It is pointed out that such circuits can be also utilized for the production of rectangular pulses of a controllable and adjustable duration. For this purpose, a forming trigger with a cascade at the output must be introduced into the circuits given in Figs. 3 and 4, respectively. A simplified block diagram for the production of rectangular pulses is shown in Fig. 7 and explained.

Card 2/3

Some Cases of the Use of Electronic
Pulse Counters in Measuring Technology

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It is stated in conclusion that the circuits dealt with here can be utilized for the construction of calibration test devices for various purposes. The use of semiconductors is recommended for such devices to increase their reliability and economy, and to reduce dimensions and weight. There are 7 figures and 5 references: 3 Soviet and 2 German. ✓

Card 3/3

UNCLASSIFIED

Klimov, A.N.

25(5)

FRASE I BOOK EXPLOITATION NOV/1978

Leningrad. Leningradskoe khimicheskoye Institut

Organizatsiya i planirovaniye razvnoyernoy raboty mashinostroitel'nykh predpriyatiy; Mashinostroyeniye. Doklady (Organization and Planning of Uniform Work in Machine-building Enterprises) Conference of Vses. Svyaz' Moscow, Minsk, 1978. 48 (Series: [ig: Trudy, vyp.22] 4,000 copies printed.

Ed.: S.A. Volkov, and E.G. Petrovov. Tech. Ed.: L.V. Sokolova; Managing Ed. for Literature on Machine-building Technology (Mashgiz): Ye.P. Nuzov, Engineer.

PURPOSE: This collection of articles is intended for engineering and technical personnel in machine-building establishments, and for scientific workers and students of institutes and departments of engineering and economics.

COVERAGE: This collection of articles contains reports by workers from vuses, scientific research institutes, and industrial establishments presented at the conference of vuses on the subject: "Organization and Planning of Uniform Operations in Machine-building Establishments." These reports discuss general problems encountered in organization, analysis, and theory of uniform production, as well as problems in schedule planning, technical preparation, and production specialization.

Card 1/8

Gol'tis, Ye.E., K.I. Shvachkin and B.V. Pashkevich, Candidates of Economic Sciences (Institut ekonomiki Akademi nauk SSSR [Institute of Economics of the Academy of Sciences of the USSR]). Rhythmic Operation as the Most Important Condition for Transition to New Operating Systems

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ROMANUK, M.; HEROUT, V.; SORM, F.; NAVES, Y.R.; TULLEN, P.;
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Illinois, Urbana, Ill. 2. University of Arizona, Tucson,
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Bulgarian rose oil. Yves Reine Nave. *Act. Chimid* 26, 101-3 (1955) -- Bulgarian rose oils, obtained from the 1953 crop of white rose by direct fire distn. and by direct and indirect steam distn., were found to contain β -citronellol as their main ingredient and to come within the limits of the Bulgarian Government Standard 652:51. The oils showed, for some citronellol contents, olfactory differences depending upon the process of production and owing to the presence of small amounts of other constituents. In the Russian process for making rose oil, the petals were immersed during distn. in a 20% NaCl soln. and the oil was extd. from the waters with active C; it contained 16 times more citronellol than geraniol and was rich in thymylethyl ac. Immersion of the petals and whole flower in salt water between pickling and distn. prevented the loss of the essential oil. 28 references. C. E. Bédard

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