S/138/60/000/005/001/0[illegible]
A051/A029

The Synthetic Rubber Industry in the Czechoslovakian Republik

of selective calcium-nickel-phosphate catalyst for the hydration of butene into butadiene. The catalyst ensures a polymerization depth of 50% in butadiene at a 90% selectivity and will be used in the second stage of the synthetic rubber plant being built in Kralupy. The first stage of plant construction has begun and will be completed by 1963, the second stage by 1965. At the same time, a plant is being designed for the production of chloroprene rubber to be produced from acetylene obtained by the partial oxidation of methane. By 1965, the rubber consumption per head of the population will be brought to 6 kg; by 1970, this figure will reach 10 kg. In order to develop the rubber-manufacturing industry in Czechoslovakia further, it is important to investigate some of the problems involved in the production of stereo-regular types of rubber.

ASSOCIATION: Ministerstvo khimicheskoy promyshlennosti Chekhoslovatskoy Respubliki, Nauchno-issledovatel'skiy institut sinteticheskogo kauchuka, g. Gottval'dov (Ministry of Chemical Industry of the Czechoslovakian Republic, city of Gottval'dov, Scientific Research Institute of Synthetic Rubber)

Card 3/3

TREGUBOVA, A.S., st. inzh.; KALAMENKO, A.F., inzh.; MARKOVA, A.V., st. tekhnik; NIKOLAYEVA, Z.A., st. tekhnik; KOVTUNENKO, Zh.I., tekhnik; YEMKAS, Z.F., tekhnik; STOYAN, I.T., tekhnik; CHEZNYACHENKO, V.A., tekhnik; YEFREMOV, N.V., red.; DEREVYANKO, G.S., tekhn. red.

[Manual on the supply of moisture available to basic farm crops in the Ukraine] Spravochnik po zapasam produktivnoi vlagi pod osnovnym sel'skokhozyaystvennymi kul'turami na Ukraine. Kiev, Gosel'khozizdat USSR, 1963. 547 p. (MIRA 16:12)

1. Otdel agrometeorologii Kiyevskoy gidrometeorologicheskoy observatorii (for all except Yefremov, Derevyanko).
(Ukraine—Soil moisture)

L 12/7-66 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(1)
ACC NR: AP5019459 (A) SOURCE CODE: UR/0378/65/000/003/0077/0083

AUTHOR: Rvachev, V. L.; Stoyan, Yu. G.

ORG: none

TITLE: Algorithm for the optimum layout of a pattern with round cutouts under limitations on the distance between pairs of cutouts

SOURCE: Kibernetika, no. 3, 1965, 77-83

TOPIC TAGS: metal stamping, computer programming, computer application

ABSTRACT: An algorithm and specialized digital computer program are developed for the problem of locating round holes of given arbitrary radii on a rectangular blank where there are limitations on the distance between pairs of holes and between the holes and the perimeter of the blank. The general problem and two examples of specific computer solutions are discussed: (1) optimum location of a group of holes of different diameters in the smallest possible rectangular blank when no spacing is required between holes or between them and the perimeter; and (2) the same problem with the holes separated by given distances from each other and the perimeter of the blank. Orig. art. has: 4 figures, 28 formulas.

SUB CODE: 09,13/ SUBM DATE: 23Nov64/ ORIG REF: 005/ OTH REF: 000

Card 1/1 UDC: 519.8

ACCESSION NR: AP5024541 UR/0378/65/000/004/0070/0075
519.8

AUTHOR: Rvachev, V. L.; Stoyan, Yu. G.

TITLE: Optimum distribution of circular patterns

SOURCE: Kibernetika, no. 4, 1965, 70-75

TOPIC TAGS: cybernetics, computer program, probability

ABSTRACT: In an earlier paper (Kibernetika, no. 3, 1965) the authors investigated the problem concerning the optimum distribution of circular patterns of arbitrary radii for given minimum permissible distances between each of the pairs. A solution with a minimum area of the underlying rectangle is sought. In the present problem n circular patterns are given with arbitrary radii and a strip of material (of width l) with n circular openings with arbitrary radii. The n patterns should be distributed across the strip of material in such a way that the length h of the strip is a minimum. The paper outlines the detailed formulation of the problem leading to a computer program. The method of solution, the procedure for the determination of the global maximum, and the generator of random numbers have all been described in the earlier paper. The authors conclude

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L 5052-66
ACCESSION NR: AP5026041

with the presentation of four examples worked out on a digital computer yielding (in the intermediate stages of the calculation) up to 67 local maxima. Orig. art. has: 4 formulas, 6 figures, and 4 tables.

ASSOCIATION: none

SUBMITTED: 01Feb65 ENCL: 00 SUB CODE: DP

NO REF SOV: 004 OTHER: 000

Card 2/2

L 14650-66 EWT(d) IJP(c)
ACC NR: AP6004253 SOURCE CODE: UR/0378/65/000/006/0085/0094

AUTHOR: Rvachev, V. L.; Stoyan, Yu. G.

ORG: none

17
B

TITLE: Recognition of nonintersection of special forms of geometric figures

SOURCE: Kibernetika, no. 6, 1965, 85-94

TOPIC TAGS: geometry, geometric form

16,44,55

ABSTRACT: The author considers necessary and sufficient conditions for nonintersection of various types of geometric patterns. Special cases are considered for the absence of common points in various combinations of line segments, circles and arcs of circles. The following theorems are proposed and proved: 1. a given arc and circle do not intersect when and only when the circle of which the given arc is a part and the given circle do not intersect, or in the case where they do intersect the points of intersection are removed from the midpoint of the given arc by a distance greater than the length of the chord which subtends half the given arc; 2. two arcs do not intersect when and only when the circles of which they are part

UDC: 519.8

Card 1/2

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L 14650-66
ACC NR: AP6004253

do not intersect, or if they do intersect when the points of intersection are removed from at least one of the midpoints of the given arc by distances greater than or equal to the length of the corresponding chords which subtend half the given arc; 3. a given arc and a line segment do not intersect when and only when the straight line of which the segment is a part and the circle of which the arc is a part do not intersect, or if they do intersect when the distances from the points of intersection to the midpoint of the given arc are greater than the length of the chord which subtends half the given arc, or when the points of intersection lie outside the given arc. Examples are given illustrating application of these theorems. Orig. art. has: 7 figures, 2 tables, 51 formulas.

SUB CODE: 12/ SUBM DATE: 22Mar65/ ORIG REF: 005/ OTH REF: 000

Card 2/2

YEFIMOV, A.N., inzh.; STOYAN, Yu.G., inzh.

The use of the electronic digital computers for processing experimental data. Izv. vys. ucheb. zav.; gor. zhur. 6 no.9:181-190 '63. (MIRA 17:1)

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

ACC NR: AP6035587 SOURCE CODE: UR/0378/66/000/005/0082/0092

AUTHOR: Rvachev, V. L.; Stoyan, Yu. G.

ORG: none

TITLE: Algorithms for constructing inequalities which are satisfied by the allocation parameters of intersecting bodies

SOURCE: Kibernetika, no. 5, 1966, 82-92

TOPIC TAGS: ~~cybernetics, matrix, intersection~~, intersection condition, algorithm, coordinate system

ABSTRACT: The problem of the best (in a certain sense) distribution of bodies in a given domain (for example, the problem of miniaturization of electronic equipment) is reduced to establishing algorithms by which the condition for intersection of bodies can be automatically established. The six numbers x, y, z, ψ, ϕ, α (ψ, ϕ, α are Euler angles) which determine the location of the relative coordinate system X' Y' Z' with respect to a fixed coordinate system XYZ are called the parameters of the allocation of the body. The general form of the equation of the allocation of the body and the general conditions for the intersection of two bodies are written. It is pointed out that the application of the derived intersection conditions to particular cases is associated with certain difficulties in connection with calculating the maximum of a certain function. The author describes algorithms for deriving the intersecting conditions for spheres, polyhedrons, right circular

Card 1/2 UDC: 512.25/26+519.3

L 07188-67
ACC NR: AP6035587

cylinders, the right frustum of a cone, and their combinations. For these particular cases, it is shown that the conditions of intersection of two bodies S_i and S_j can be represented by an inequality of the form $f_{ij} \geq 0$, where f_{ij} is an elementary function of allocation parameters of these bodies. Orig. art. has: 66 formulas and 7 figures.

SUB CODE: 12/ SUBM DATE: 21Jun65/ ORIG REF: 006/ ATD PRESS: 5104

Card 2/2

MAKARENKO, S.F., inzh.; STOYANCHENKO, S.I., inzh.; CHERNYSH, O.G., inzh.; SUMTSOV, V.F., inzh.

Melting steel in a converter with side blow stopping at a given carbon content. Mashinostroenie no.4:46-48 Jl-Ag '62. (MIRA 15:9)

1. Luganskiy zavod imeni Parkhomenko.
(Bessemer process)

IL'CHENKO, A.I., inzh.; KRASILOVSKIY, L.S., inzh.; LISOVTSEV, P.A., inzh.; MAKARENKO, S.F., inzh.; STOYANCHENKO, S.I., inzh.; SUMTSOV, V.F., inzh.; CHERTKOV, D.S., inzh.

Investigating the strength of the magnetic field of suspended electromagnetic separators. Ugol.prom. no.5:46-50 S-O '62. (MIRA 15:11)

1. Mashinostroitel'nyy zavod im. Parkhomenko.
(Magnetoelectric machines—Testing)

NOSKOV, B.A., kand.tekhn.nauk; MAKARENKO, S.F., inzh.; SUMTSOV, V.F., inzh.; STOYANCHENKO, S.I., inzh.

Blowing gases through liquid metals. Mashinostroenie no.6: 39-43 N-D '62. (MIRA 16:2)

1. Khar'kovskiy politekhnicheskiy institut (for Noskov). 2. Luganskiy vecherniy mashinostroitel'nyy institut (for Makarenko, Sumtsov). 3. Luganskiy zavod im. Parkhomenko (for Stoyanchenko).

(Metallurgy)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653420002-8"

ACCESSION NR: AP4044902 S/0032/64/030/009/1137/1138

AUTHORS: Cherny*kh, O. G.; Stoyanchenko, S. I.; Sumtsov, V. F.

TITLE: An apparatus for determining the abrasive wearing of alloys at high temperatures

SOURCE: Zavodskaya laboratoriya, v. 30, no. 9, 1964, 1137-1138

TOPIC TAGS: alloy abrasion, metal durability/ Kh25N12T steel, 30Yu6 alloy, 30 Yu16 alloy, 30 Yu 20 alloy, Kh18N9T steel

ABSTRACT: An apparatus, shown in Fig. 1 on the Enclosure, was developed for studying abrasive wearing of alloys at temperatures up to 1200C. Here (1) is a resistance oven, (2) is a cover, (3) is rotating bar, (4) is self-centering disk with three holders (diameter 10.1 mm and depth 10 mm) for three round (diameter 10 mm and length 20 mm) specimens, (5), (6) are chromomagnesium abrasive, (7) is an air-cooled breech, (8) is gearing, (9) is a thermocouple for oven temperatures. The temperatures and rotation velocity for testing can be varied through broad limits. Losses through sample abrasive wearing are determined by the formula: $\Delta G = q\frac{10}{F\tau}$, where

ΔG is the loss in weight of the specimen in grams with 1 m^2 of exposed alloy surface per hour; q - the mean magnitude of abrasive wearing of three specimens

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ACCESSION NR: AP4044902

(loss measured in milligrams), F - area of exposed specimen surface in square centimeters, and τ - time of testing in hours. A plot is presented showing the temperature dependence of abrasive losses for three aluminum alloys tested at fixed rotation velocity, fixed normal load, and through the temperature interval from 700 to 1100C. The tests indicate that increased aluminum content yields better abrasion resistance. Orig. art. has: 2 figures and 1 equation.

ASSOCIATION: Luganskiy mashinostroitel'nyy zavod im. Parkhomenko (Lugan' Machine Construction Factory)

SUBMITTED: 00 ENCL: 01

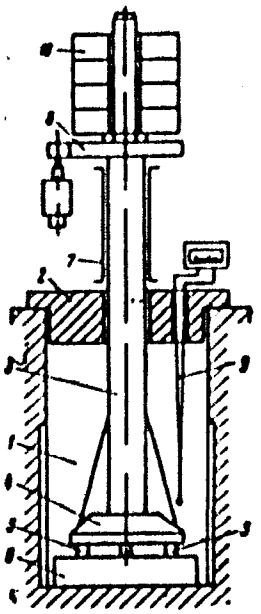
SUB CODE: MM NO REF SOV: 000 OTHER: 000

Card 2/3

ACCESSION NR: AP4044902

ENCLOSURE: 01

Fig. 1. A scheme of the apparatus for determining abrasive wearing of alloys at high temperatures.



Card 1 3/3

[illegible] technical, [illegible]
[illegible], S.I., [illegible]
[illegible] T., [illegible]

[illegible] of and design of suspension-type [illegible]
[illegible] Elektrotekhnika [illegible]

BULGARIA

STOYANOV, Anton, Dr, Chief Veterinarian, Workers' Cooperative Agricultural Enterprise (glaven veterinaren lekar na Trudovo-kooperativnito zemedelsko stopanstvo,) Sekulovo, Silistrensko.

"Aujeszki Disease in Sheep and Lambs."

Sofia, Veterinarna Sbirka, Vol 60, No 6, 1963; pp 10.

Abstract: Description of epizootic in small farm of 11 sheep and 2 lambs; nearly all succumbed. The disease in the ovines was preceded by a milder form in 2 sheep dogs; mice inoculation confirmed diagnosis of Aujeszki Disease with inocula from both sheep and dogs.

1/1

IVANOV, V.I., inzh.; STOYANCHENKO, S.I., insh.; SUMTSOV, V.F., insh.; MAKARENKO, S.F., inzh.; MASLENNIKOVA, G.P., inzh.

Improvement of founding processes and heat treatment of gear wheels. Mashinostroenie no.3:55-56 My-Je '63. (MIRA 16:7)

1. Luganskiy zavod im. Parkhomenko.
(Die casting)

VASHCHENKO, [illegible], doktor tekhn.nauk, [illegible]; [illegible], [illegible], [illegible]; [illegible], [illegible], inzh.

Using magnetic cast iron as a soft magnetic material for casting [illegible] suspended electromagnetic separators. Izv.vys.ucheb. zav.; mashinostr. no.[illegible] (Mine [illegible])

1. Kiyevskiy politekhnicheskiy institut.

CHERNYKH, G.F.; [illegible]YANCHENKO, S.I.; SEMENOV, V.F.

Device for the abrasive wear of alloys at high test temperatures. (MIRA 18:3)
Zav. lab. 30 no.9:1137-1138 '64.

1. Lugansk mashinostroitel'nyy zavod imeni Parkhomenko.

STOYANNOV, N.M., kand.arkhitektury

Aleksei Nikolaevich Beketov, 1862-1946. Izv.ASIA no.3:126 '62. (MIRA 15:11)

(Beketov, Aleksei Nikolaevich, 1862-1946)

STOYANOFF, St.; IVANOFF, IV. (Présentée de l'acad. Tsv.Kristanov le 5. VII. 1954)

Epidermophytosis among workers of public baths in Sofia. Doklady Bolg. akad. nauk 7 no.2:65-67 Apr.Sept. '54.

1. Institut de médecine clinique et sociale de l'Académie des Sciences Bulgare et le dispensaire urbain dérmatovénérologique de Sofia.

(SKIN, diseases,
fungus dis. in pub.bath workers in Bulgaria)
(FUNGUS DISEASES,
skin, in pub.bath workers in Bulgaria)
(OCCUPATIONAL DISEASES,
fungus dis. of skin in pub. bath workers in Bulgaria)

STOYANOFF, St.; IVANOFF, Iv.

Case of chronic benign familial pemphigus (Gougerot-Hailey-Hailey disease) Doklady Bolg.akad.nauk 7 no.2:69-70 Apr-Sept '54.

1. Institut de médicine clinique et sociale de l'academie des Sciences Bulgare et dispensaire urbain dermatovénérologique de Sofia. (Presentée de l'acad. Tsv.Kristanov le 5. VII. 1954)
(PEMPHIGUS,
chronic benign familial, case report)

NIKOLOV,N., cand. med. science; STOYANOV, A.; DRAGIEV, M.

Nervous system alterations after suboccipital administration of ACTH. Folia med. (Plovdiv) 6 no.1:21-26 '64

1. Highner Medical Institute "I.I.Pavlov" in Plovdiv,Bulgaria, Chair of Pathophysiology (Chief: Dr. of med. science, prof. L. Teltcharov) and Chair of Nervous Diseases and Neurosurgery (Chief: Prof. Tr.Zaprianov).

BULGARIA/General Problems of Pathology - Tumors. Hormones. [illegible]

Source : Nef Zbor - Bil., N 2, 1959, 9461

Author : Bolaldanov, K., Stoyanov, A.

Inst : Graduate Medical Institute, Sofia

Title : The Problem of Pre-Malignant Dermatoses

Orig Pub : Nauchni tr. Vissh. med. in-t. Sofiya. Klinich. katedri 1959(1957) 3, No 1, 149-155

Abstract : No abstract.

Card 1/1

KUNETS, G.O., inzh.; DOLINSKIY, N.A., inzh.; STOYANOV, A.T., inzh.

Rapid crosscutting with the use of the PML-9 loading machine. Shakht. stroi. 8 no.5:21-22 My'64 (MIRA 17:7)

1. Nauchno-issledovatel'skiy gornorudnyy institut (for Kunets, Dolinskiy). 2. Rudnik imeni Kominterna tresta Leninruda (for Stoyanov).

[illegible], [illegible], F.I. [illegible], [illegible]

[illegible] of [illegible] yarn [illegible] of [illegible] on the tri-
thal yarn with its [illegible] [illegible] the thermal stabili-
[illegible] (MIRA 1[illegible])

PYASETSKIY, Nikolay Rafailovich; STOYANOV, B.G., redaktor; SACHEVA, A.I tekhnicheskiy redaktor.

[Diabetes] Sakharnaia bolezn'. 3-e perer. i dop.izd.Moskva, Gos. izd-vo med.lit-ry, 1955. 53 p. (MLRA 8:9)
(Diabetes)

ZHDANOV,V.M., professor, redaktor; PLANKINA,Z.A., redaktor; STOYANOV,B.G., redaktor; YEVDOKIMOVA,Z.N., tekhnicheskiy redaktor

[Brucellosis; materials on organization and methodology] Brutsellez; organizatsionno-metodicheskie materialy. Izd.4-oe, dop.i perer. Moskva, Gos.izd-vo meditsinskoi lit-ry, 1955. 116 p. (MLRA 9:4)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR, (for Zhdanov)

(BRUCELLOSIS)

SMELOV, N.S., professor, redaktor; TURANOV, N.M., kandidat meditsinskikh nauk, redaktor; STOYANOV, B.G., redaktor; SACHEVA, A.I., tekhnicheskiy redaktor.

[Pathogenesis and therapy of eczema and pyoderma] O patogenese i terapii ekzem i piodermii. Moskva, Ges.izd-vo med.lit-ry, 1955. 227 p. (ECZEMA) (SKIN--DISEASES) (MLRA 9:4)

KALAMKARIAN, A.A.; STOYANOV, B.G.

A case of multiple superficial flat basaloma of the skin. Sov.med. 20 no.7:66-68 Jl '56. (MIRA 9:10)

1. Iz otdela dermatologii (zav. prof. N.S.Smelov) TSentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. dotsent N.M.Turanov) Ministerstva zdravookhraneniya SSSR.
(CARCINOMA, BASAL CELL
skin)
(SKIN NEOPLASMS
basal cell carcinoma)

KALAMKARYAN, A.A.; STOYANOV, S.G.

Dermatitis caused by aminazine. Sov.med.21 no.9:126-128 S '57. (MIRA 11:1)

1. Iz otdela dermatologii (zav. - prof. N.S.Smelov) TSentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. - kandidat meditsinskikh nauk N.M.Turanov) Ministerstva zdravookhraneniya RSFSR.

(CHLORPROMAZINE, inj. eff.
dermatitis)
(DERMATITIS, MEDICAMENTOSA
chlorpromazine)

STUDNITSIN, Aleksandr Aleksandrovich, prof.; STUKALOV, B.D., red.; BEL'CHIKOVA, Yu.S., tekhn.red.

[Penicillin and pyrotherapy in the treat[illegible] syphilis] Penitsillino-piroterapiia bol'nykh sifi[illegible]. Moskva, Gos. izd-vo med.lit-ry Medgiz, 1958. 204 p. (MIRA 12:12)
(SYPHILIS) (PENICILLIN) (FEVER THERAPY)

PROZOROVSKIY, V.I., prof., zasluzhennyy deyatel' nauki, red.; STOYANOV, B.G., red.; LYUDKOVSKAYA, N.I., tekhn.red.

[Problems in legal medicine] Voprosy sudebnoi meditsiny. Pod red. V.I.Prozorovskogo. Moskva, Gos.izd-vo med.lit-ry Medgiz, 1959. 278 p. (MIRA 12:12)

1. Moscow. Nauchno-issledovatel'skiy institut sudebnoy meditsiny.
(MEDICAL JURISPRUDENCE)

OVCHINNIKOV, N.N., prof.; STOYANOV, B.G., red.; MATVEYEVA, M.M., tekhn.red.

[New serological reactions to syphilis] Novye serologicheskie reaktsii na sifilis. Moskva, Medgiz, 1961. 162 p. (MIRA 15:2)

1. Zaveduyushchiy mikrobiologicheskim otdelom TSentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (for Ovchinnikov).
(SYPHILIS—DIAGNOSIS) (SERUM DIAGNOSIS)

SMELOV, N.S., prof.; ZALKAN, P.M., prof.; BOL'SHAKOVA, G.M.; IYEVLEVA, Ye.A.; STOYANOV, B.G.

Cortisone in the treatment of eczema and neurodermatitis. Sov. med. 25 no.3:91-96 Mr '61. (MIRA 14:3)

1. Iz otdela dermatologii (zav. - prof. N.S.Smelov) TSentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (direktor - kand.med.nauk N.M.Turanov) Ministerstva zdravookhraneniya RSFSR.

(ECZEMA) (CORTISONE) (SKIN—DISEASES)

TUROVA, A.D., doktor med. nauk, prof., ed.; STOYANOV, A.G., red.; ROMANOVA, Z.A., tekhn. red.

[Medicinal substances from plants]Lekarstvennye sredstva iz rastenii. Moskva, Medgiz, 1962. 315 p. (MIRA 15:9)
(MATERIA MEDICA, VEGETABLE)

STOYANOV, P.G.

Effect of corticosteroid hormones on skin reactivity. Vestn. Akad. med. nauk SSSR 18 no.4:28-31 '63 (MIRA 17:4)

1. TSentral'nyy nauchno-issledovatel'skiy kozhno-venerologicheskiy institut Ministerstva zdravookhraneniya RSFSR.

TURANOV, P.G.

Experimental study of the clinical aspects and pathogenesis of eczematous reactions. Sov. med. 26 no.4:33-40 Ap '61. (MIRA 17:2)

1. Iz Sentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. - dotsent N.M. Turanov), nauchnyye rukovoditeli raboty - prof. P.M. Zalkan i prof. A.A. Studnitsin Ministerstva zdravookhraneniya RSFSR.

ZHELTAKOV, Mikhail Mitrofanovich; STOYANOV, B.G., red.

[Skin and venereal diseases] Kozhnye i venericheskie bolezni. Izd.2., perer. i dop. Moskva, Meditsina, 1964. 299 p. (MIRA 17:7)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653420002-8"

MASHKILEYSON, Lev Nikolayevich; STEYANOV, A.G., red.

[Treatment and prevention of skin diseases] Lechenie i profilaktika kozhnykh boleznei. 2., dop. i ispr. izd. Moskva, Izd-vo "Meditsina," 1964. 543 p. (MIRA 17:5)

[illegible], B.S.; [illegible], A.Yu. (Moskva)

Progress of the execution by medical periodicals of the resolutions of the June Plenary Session of the Central Committee of the [illegible] concerning ideological problems. Sov. med. 28 no.4: [illegible] Ap '64. (MIRA 17:12)

[illegible], Ivo Mikhaylovich, pro . Prinimali uchastiye: [illegible], A.G., doktor med. nauk; MASHKILLEYSON, A.L., kand. med. nauk; [illegible], A.G., red.

[Specialized dermatology] Chastnaia dermatologiia. Moskva, Meditsina, [illegible]. [illegible] p. (MIRA 18:9)

SIMYAMOV, B.G.

Reproduction of clinical forms of allergic reactions following sensitization with a chemical allergen. Vest. AMN SSSR no.4:86-91 '65. (MIRA 18:10)

1. TSentral'nyy nauchno-issledovatel'skiy kozhno-venerologicheskiy institut Ministerstva zdravookhraneniya SSSR, Moskva.

STOYANOV, B.G.; SEMENOV, V.A.; GUSEVA, L.L.; IOFFE, Ya.A.

Melkersson—Rosenthal syndrome. Sov. med. 28 no.10[illegible]-67 O '65. (MIRA 18:11)

1. Kafedra kozhnykh i venericheskikh bolezney (zav.- prof. B.M. Pashkov) Moskovskogo meditsinskogo stomatologicheskogo instituta i klinika nervnykh bolezney (zav.- prof. F.A. Poyemnyy) Moskovskogo oblastnogo klinicheskogo instituta imeni Vladimirskogo (dir.- P.M. Leonenko).

PROZOROVSKIY, V.I.; KANTER, E.I.; STOYANOV, B.S., red.; LYUDKOVSKAYA, N.I., tekhn.red.

[Collected material on organization and methodology in forensic Sbornik organizatsionno-metodicheskikh materialov po sudebno-meditsinskoi ekspertize. Izd.2. Moskva, Gos.izd-vo med.lit-ry, 1960. 479 p. (MIRA 14:2)

(MEDICAL JURISPRUDENCE)

2114. POPMICHAILOV D. and STOYANOV D. *X-ray diagnosis of dermoid cysts - teratomas (Bulgarian text) KHIRURGIJA (Sofia) 1956, 9/7-8 (619-628) illus. 8

After a short review of dermoid cysts - teratomas, based on statistical data, the X-ray symptoms are considered and 4 personal cases are described. In 3 patients, the process was previously diagnosed, in 2 it was confirmed by operation. The third patient, whose X-ray picture clearly showed teeth and bones, rejected operation. The difficulties of the differential diagnosis are discussed and it is pointed out that besides the X-ray symptoms, the typical diagnosis is also of great significance. It is emphasized that erroneous conclusions are most frequent in the presence of Echinococcus. It is finally assumed, that the diagnosis of dermoid cyst, in spite of its difficulty, is possible by a methodical X-ray examination.

(XIV, 5, 9, 16)

[illegible], [illegible], [illegible]

[illegible] with [illegible]-
[illegible] in [illegible] [illegible] [illegible]
Ap '63. (MIRA 17:5)

1. [illegible] [illegible] [illegible] [illegible] [illegible],
[illegible] [illegible] [illegible]
institut, [illegible].

STOYANOV, Docho

Desiccation of fruit-bearing shoots of raspberries in Bulgaria. Zashch. rast. ot vred. i bol. 5 no.11:55-56 N '60. (MIRA 16:1)

(Bulgaria—Raspberries—Diseases and pests)

GRIGOROVA, M.D., d-r; STOYANOVA, M. [Stoianova, M.]; STOYANOV, D. [Stoianov, D.]

Experimental streptococcal infection in rabbits. Trudy epidemiol mikrobiol 8:21-30 '61 [publ.'62].

1. Chlen Redaktsionnoy kollegii, "Trudy Nauchno-issledovatel'skogo instituta epidemiologii i mikrobiologii" (for Grigorova).

POLIKAR, A.; TEMCHEV, G.; SOLOMONOVA, K.; STOYANOV, D. [Stoianov, D.]; DITSOV, S.

Tests in a simultaneous immunization against diptheria, tetanus, whooping cough, and tuberculosis. Trudy epidemiol mikrobiol 8: 65-72 '61 [publ.'62].

RODOPSKA, S.G., d-r; MANOLOV, D.; TENCHEV, G.; STOYANOV, D. [Stoianov, D.]

Reimmunization by massive does of BCG. Trudy epidemiol mikrobiol 8:49-53 '61 [publ.'62].

1. Chlen Redaktsionnoy kollegii, "Trudy Nauchno-issledovatel'skogo instituta epidemiologii i mikrobiologii" (for Rodopska).

STOYANOV, D.P. [Stoianov, D.P.]

Correlation between the development of tuberculin sensibility and the immunomorphologic changes in the BCG inoculated guinea pigs. Trudy epidemiol mikrobiol 8:55-64 '61 [publ.'62].

STOYANOV, I.I.

Morphological changes in the peripheral nervous and central nervous system of animals poisoned with DDT vapors. Trudy Inst. Ki [illegible] no.4:[illegible] P. [illegible] 1959

1. In Nauchno-issledovatel'skom institute epidemiologii i mikrobiologii (Dir. V. Kolesnikov). Sofiya.

(Direktor -

ACC NR: [illegible] SOURCE CODE: UR/0016/65/000/011/0667/0673

AUTHOR: Mihailova, L. Yu.; Nikolova, [illegible]; Stoyanov, D. I.

ORG: Medicinal Chemistry Research Institute /Directed by Prof. L. Zhelyazkov/, Sofia (Nauchno-izsledovatelski khimiko-farmatsevticheski institut); Epidemiology and Microbiology Research Institute /directed by [illegible] Naumlova/, Sofia (Nauchno-izsledovatelski institut po epidemiologiya i mikrobiologiya)

TITLE: Effect of some drugs on experimental atherosclerosis

SOURCE: Suvremenna meditsina, no. 11, 1965, 667-673

TOPIC TAGS: drug effect, experiment animal, cardiovascular system, preventive medicine, therapeutic medicine

ABSTRACT: Study of effects of linetol (ethyl ester of higher unsaturated fatty acids of cottonseed oil), hyposterol (phenylethylacetamide) and the pure saponin escin, and the total aqueous extract of wild chestnut, on experimental atherosclerosis in rabbits and rats. All of the above preparations showed varying degrees of effect either preventively, therapeutically or in both ways. Orig. art. has: 2 figures and 1 table. [Based on author's Eng. abst.] [JPRS: 34,520]

SUB CODE: 06 / SUBM DATE: 00Sep64 / SOV REF: 002 / OTH REF: 011

Card 1/1

STOYANOV, Emil

MITEV, Lyubomir BULGARIA

[Academic Degrees]

[Affiliation] The chair of Obstetrics and Gynecology with the Higher Medical Institute (Katedra po akusherstvo i Ginekologiya pri VMI), Sofia; Director: Il. SHTURKALEV

[Source] Sofia, Akusherstvo i Ginekologiya, No 3, 1962, pp 81-83.

[Data] "A Device for the Treatment of Asphyxia of the Newborn."

Co-author:

STOYANOV, Emil

STOYANOV,E.; VULCHANOVA,S.

The clinical application of Nivalin as an antidote of curare. Nauch. tr. vissh. med. inst. Sofiia 42 no.4:45-48 '63

1. Chair of Surgical Diseases with Urology. (Director: Prof. [redacted].Popov), Medical Institute in Sofia.

STOYANOV, Filipp Dmitriyevich, vrach [deceased]; SHUKEVICH, Lidiya Ivanovna, vrach; KHARCHENKO, L.I., red.; STEBLYANKO, T.V., tekhn.red.

[The Pyatigorsk health resort] Kurort Piatigorsk. Stavropol', Stavropol'skoe knizhnoe izd-vo, 1959. 102 p. (MIRA 13:1)
(PYATIGORSK--HEALTH RESORTS, WATERING PLACES, ETC.)

STOYANOV, Georgiy, starshiy serzhant

Both quality and speed. Starsh.-serzh. no.5:33 My '62. (MIRA 15:6)
(Bulgaria—Airplanes, Military—Maintenance and repair)

GAVRILOV, G. A.

Elm

On the pests of elms. Les. Khoz., 5, No. 6, 1952.

G. Monthly List of Russian Accessions. Library of Congress, August 1952 Uncl.

[illegible], G.[illegible].

"Arrow wood (Viburnum lantana L.) on the Vodoldy slopes of the Dnepr," Ir. Ukr. [illegible], 2, 159-161, 1953

Arrow wood, black haw, is considered a representative flora of the Ukraine. (RZBiol, No 1, 1955)

[illegible], 10 Jun 55

STOYANOV, G.A.

Flowering characteristics of the garland flower Daphne caucasum L.
Priroda 45 no.7:114-115 Jl '56. (MLRA 9:9)

1.Botanicheskiy sad Akademii nauk USSR. Kiyev.
(Daphne)

USSR / Forestry. Biology and Typology of the Forest. K-1

Abs Jour: Ref Zhur-Biol., No 6, 1958, 24348.

Author : Stoyanov, G. A.
Inst : Not given.
Title : The Problem of the Role of Fireweed (Chamaenerium angustifolium Isop.) in Reforestation.

Orig Pub: Tr. Botan. sada. AN USSR, 1957, 4, 70-77.

Abstract: The significance of fireweed in the renewal of the growing stock was studied together with a study of the causes of the drying out of pine plantings on the left bank of Poles'. In the "windows", formed in these plantings, fireweed and raspberry proved to be among the pioneers, under the cover

Card 1/3

USSR / Forestry. Biology and Typology of the Forest. K-1

Abs Jour: Ref Zhur-Biol., No 6, 1958, 24848.

Abstract: eaten by the cattle, thanks to which the self-seeding is not trampled down. The area of fireweed is very extensive. Of special interest is the sowing of fireweed as a way to imitate the conditions of natural replantings, on forest clearings and on cuttings.

Card 3/3

STOLYAROV, G.D., inzh.; STOLYAROV, S.K., inzh., otv. red.;

[Handbook on the Mi-1 helicopter] Spravochnik po vertoletu Mi-1. Moskva, Transport, 1965. 167 p. (MIRA 18:12)

1. Russia (1923- U.S.S.R.) Ministerstvo grazhdanskoy aviatsii.

ARGAMAKOV, I. S.; STOYANOV, G.I.; KOROBKOV, A.G.

Cleaning the deposits in tanks with a water spray. Neft.khoz. 41 no.10:54-58 O '63. (MIRA 17:4)

KUROBKOV, A.Ye.; VASIL'YEVA, A.B.; STOYANOV, G.I.

Mobile device for cleaning petroleum tanks from bottom settlings. Transp. i khran. nefti i nefteprod. no.7:25-27 '65. (MIRA 18:9)

1. Nauchno-issledovatel'skiy institut po transportu i khraneniyu nefti i neftepродuktov.

STOYANOV, G.V.

Organizing the territory of the irrigated state grape farms in Rostov Province. Trudy MIIZ no.11:109-125 '61. (MIRA 14:9)
(Rostov Province—Viticulture)
(Rostov Province--Irrigation)

BULGARIA / Chemical Technology. Chemical Products and Their Application. Elements. Oxides. Mineral Acids, Bases, Salts. H

Abs Jour: Ref Zhur-Khimiya, No 12, 1959, 42907.

Author : Dremov P., Stoyanov I.
Inst : Not given.
Title : Concentration of Wash Acid Used in the Manufacture of Sulfuric Acid by the Contact Process.

Orig Pub: Tezhra prom-st, 1957, 6, No 4, 16-17.

Abstract: For a more efficient utilization of SO_2 in the manufacture of contact H_2SO_4 it is desirable to employ an acid in the washing step with its concentration corresponding to a maximum on the solubility isoterm of SO_2 in H_2SO_4. Such a concentration is selected on the basis of a sufficient water absorption

Card 1/2

H-15

ACC NR: [illegible] SOURCE CODE: [illegible]/65/010/011/1035/1[illegible]

AUTHOR: [illegible]

ORG: [illegible] Pathology of Animals, [illegible]

TITLE: [illegible] of the mechanoreceptive reflexes from the rumen and abomasum affecting the blood pressure

SOURCE: [illegible] Fiziologicheskiy zhurnal, v. 51, no. 11, 1965, 1035-1038

TOPIC TAGS: blood pressure, reflex activity, physiologic parameter, neurology, digestive system, animal

ABSTRACT: The complex stomach of the ruminants, the rumen in particular, is an important receptory region. The interoceptive impulses emanating from its stimulation cause a number of reflex changes in other parts of the digestive apparatus, in the blood pressure, respiration rate, etc. Little is known, however, about the afferent routes carrying these interoceptive impulses towards the central nervous system. Consequently, the author investigated such routes along which the mechanoreceptive reflexes from the rumen and abomasum of lambs affect the blood pressure and respiration. He used 30 anesthetized animals 2 to 4 months old. Results show that the complex stomach of ruminants possesses multiple afferent innervations as is the case with the simple stomach of other animals. The interoceptive pulses affecting the blood pressure are transmitted through the afferent fibers of n. vagus and through those of

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ACC NR: [illegible]

n. splanchnicus. [illegible] is transmitted through the perivascular nerves of a. coeliac. [illegible] a discussion of further, not so clear-cut possibilities, and concludes with a discussion of the reasons for the sensitive afferentation disturbances observed. This paper was presented by Corresponding Member T. [illegible] on 7 July 1965. Orig. art. has: 3 figures. [Orig. art. in Eng.] [JPRS: 38,598]

SUB CODE: 06 / SUBM DATE: 07Jul65 / ORIG REF: 001 / SOV REF: 004
OTH REF: 007

Card [illegible]

STOYANOV, I.

Mechanism of reflex influence from the stomach on blood pressure and respiration. Fiziol.zhur. 51 no.11:1323-1326 N '65. (MIRA 18:11)

1. Sektsiya sravnitel'noy fiziologii Instituta sravnitel'noy patologii zhivotnykh Bolgarskoy akademii nauk, Sofiya.

BULGARIA/Human and Animal Physiology. Digestion. The Stomach. T-7

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55718.

Author : Stoyanov, Iv.
Inst : Institute of Experimental Veterinary Medicine, Bulgarian Academy of Sciences.
Title : Mechanical Rumen Receptors in Sheep.

Orig Pub: Izv. In-ta eksperim. vet. med. Bulgar. AN, 1956, 4, 25-42.

Abstract: In 5 sheep and rams with a fistula of the rumen (R) and of the duodenum (D), in two of which the carotid artery has been placed under the skin, D measurements were registered with the aid of a rubber ball. Peristaltic D movements, in a rhythm of 11-18 contractions which lasted for 15 minutes, alternated with rest

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BULGARIA/Human and Animal Physiology. Digestion. The Stomach. T-7

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55719.

Author : Radev, T., Stoynov, Iv.
Inst : Institute of Experimental Veterinary Medicine, Bulgarian Academy of Sciences.
Title : Movements of the Rumen in Large Horned Cattle as Influenced by Feeding, Rumination, and Other Factors.

Orig Pub: Izv. In-ta eksperim. vet. med. Bulg. AN, 1956, 4, 93-104.

Abstract: In 346 cows and calves, the rumen (R) movements were registered during their feeding, water drinking, rumination, massaging of the udder, and milking. These periodic movements consisted of two contractions with a cycle which lasted ~ 38.3 seconds. The first

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BULGARIA/Human and Animal Physiology. Digestion. The Stomach. T-7

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55719.

~14, and when dry fodder was fed to them, there were ~3 contractions within a 5 minute period. The increase in the number of contractions may be ascribed to the decrease in the duration of the cycle, which occurred because the intervals between the contractions were shortened. The appearance and the smell of food caused an increase in the number of cycles within a certain period of time. When the animals ruminated and drank water, the number of R contractions decreased during a 5 minute period, since longer cycles developed due to the decrease of the intervals between the contractions. During milking and udder massaging the number of contraction did not change. However, a

Card : 3/4

BULGARIA/Human and Animal Physiology. Digestion. The Stomach. T-7

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55719.

slight increase of the duration of the first contraction in the cycle (up to 10.5 seconds) was observed when the udder was massaged.

Card : 4/4

BULGARIA/Farm Animals. Small Horned Cattle Q-3

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 50002

Author : Redev, T., Stoynov I.V.
Inst : Institute of Experimental Veterinary Medicine, Bulgarian Academy of Sciences.
Title : The Distribution of Nitrogen Substances Among Infusorians, Bacteria, and Food in the Content of the Rumen in Cows.

Orig Pub : Izv. Inst. eksperim. vet. med. Bulg. AN, 1956, No 5, 145-153

Abstract : There are about 3.80 ± 0.4 percent of dry substances in the rumen of cows, regardless of diet, and fluctuating between 2.5 percent and 5.68 percent. Of these about 0.153 ± 0.014 percent contain nitrogen which fluctuates between 0.087 percent and 0.210 percent. A nitrogen content of 19.3 ± 1.5 percent is created at the expense of infusorians, that of 8.7 ± 0.6 percent magnitude at the expense of bacteria. The variation coefficient of infusorial nitrogen amounted to 31 percent, and of bacterial nitrogen to 27.1 percent. On the average, infusorians numbered 256 ± 35 thousand per

Card : 1/2

STRAKHOV, A. [illegible]

Mechanism of reflex effects produced by rumen and abomasum distension on the pressure of respiration in sheep. Doklady AN [illegible] no. [illegible]

1. Sebastopol [illegible] Inst.

AUTHORS: Smirnov, A. A. and Stoyanov, I. A. 126-2-7/30

TITLE: Theory of the residual electric resistance of interstitial alloys. (Teoriya ostatochnogo elektrosoprotivleniya splavov vnedreniya).

PERIODICAL: "Fizika Metallov i Metallovedeniye" (Physics of Metals and Metallurgy), Vol.IV, No.2, 1957, pp.228-231 (U.S.S.R.)

ABSTRACT: Up to now authors have dealt mainly with the theory of the residual electric resistance of substitution type alloys (1-6). The aim of this paper is to investigate the relations governing the residual electric resistance of interstitial alloys as a function of the composition, the distant order parameters and the correlation parameters (which characterise the near order relations) between the substituted atoms of various types of nodes and interstices. The calculation was effected on the basis of the multi-electron theory, using a method which was described by this author and his team in other work (3-5). The following simplifying assumptions were made: the potential energies of the conductivity electrons differ little in the field of the ions of the differing type which substitute the nodes of the lattice and that the potential energies in the field of the ions which

Card 1/3

Theory of the residual electric resistance of interstitial alloys. (Cont.) 126-2-7/30

penetrated into the interstices are so small that they can be considered as small disturbances. These assumptions are not valid for all the interstitial alloys but they are quite serviceable for obtaining solely qualitative results. The authors consider an ordering alloy which has ions of various types in the nodes of the crystal lattice $\alpha(\alpha = 1,2,\ldots,)$ and ions of the type $\beta(\beta = 1,2, \ldots,)$ in the interstices. For determining the residual electric resistance of the alloy, the authors used the method of the matrix density W_{nm} which is based on the zero approximation wave functions. The electric resistance is calculated for the particular case of a substitution alloy consisting of two metals A and B into the interstices of which atoms C of one type have penetrated. In the case of low concentrations of the penetrated atoms, the residual resistance was determined without considering correlation; in this case the admixture of the penetrated atoms causes an additional resistance which is proportional to the number N_c of the atoms C and brings about a shift in the concentration curve of the residual resistance by a constant value $\delta\rho_0$

Card 2/3

STOIANOV, I. A. : "The theory of solid intrusion solutions." Min Higher Education Ukrainian SSR. Kiev Order of Lenin Polytechnic Inst. Chair of Theoretical Physics. Kiev, 1956. (Dissertation for the Degree of Candidate in Physicomathematical Science)

Source: Knizhnaya Letopis' No. [illegible] 1956 Moscow

STOYANOV, T. A.

Effect of interstitial atoms on the ordering of an alloy. A. A. Shirinkin and T. A. Stoyanov (Polytech. Inst., Kiev). *Fiz. Metal. i Metallov.* 2, 124-30(1956).—A theoretical treatment was made of the ordering of metals *A* and *B*, which form a body-centered cubic solid solution, as a function of the concn. of an interstitial atom *C*, which occupies the octahedral spaces. It was shown that addns. of *C* increased the degree of ordering and raised the temp. of ordering.

A. G. Guy

2

Category : USSR/Solid State Physics - Phase Transformation in Solid Bodies E-4

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 1659

Author : Gurney, A.A., Stoyanov, I.A.
Inst : Kiev Polytechnic Institute, USSR
Title : Influence of Injected Atoms on the Ordering of the Alloy

Orig Pub : Fiz. metallov i metallovedeniye, 1956, 2, No 3, 524-530

Abstract : The influence of admixture of injected atoms on the ordering of an alloy, having a volume-centered cubic lattice, was investigated periodically. It was shown that the presence of an admixture of injected atoms increases the degree of ordering of the alloy and increases the ordering temperature. The possibility of ordering the disordered alloy by injecting admixture atoms into the interstices of its crystalline lattice is clarified. The distribution of the injected atoms of the admixture over the interstices of a different kind in the ordering of the alloy is investigated.

Card : 1/1

Abstract

Orig Pub : Fiz. metallov i metallovedeniye, 1957, 4, No 2, ...
Sm. RZh Fiz, 1957, No 10, 25813

Abstract : See Referat Zhur Fizika, 1957, No 25813.

Card 1/1

STOYANOV, I.A.

Small tonnage expedition ships. Trudy Inst.okean. 19: 340-347 '56. (MLRA 10:2)

(Ships)

STOYANOV, I.A.

Choosing the elements of ships used in oceanographic research. Biul.Okean.kom. no.2:75-82 '58. (MIRA 12:5)
(Oceanographic research) (Ships)

STOYANOV, I.A.

Research ship "Akademik S. Vavilov". Trudy Inst. okean. 35:225-237 '59. (MIRA 13:3)
(Akademik S. Vavilov (Steamship))

[illegible]

[illegible] the type of an [illegible] research ship.
[illegible] (MIRA 17:5)

RUDYCH, S.I. [Rudych, S.I.], kand.tekhn.nauk; STOYANOV, I.V.[Stoianov, I.V.], inzh.

Operation of the "Esoks" reed mower. Mekh.sil'. hosp. 9 no.3:33 Mr '58. (MIRA 11:4)

(Reed (Botany) (Mowing machines)

DOYEKOV, I.V., nauchnyy sotrudnik

Establishing mole drains for the reclamation of swamps. Mekh. sil'. hosp. 11 no.5:28-29 My '60. (MIRA 14:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut gidrotekhniki i melioratsii.
(Drainage)

STOYANOV, K., prof.; KRESTINOV, G., prof.; SAYEV, S., doktor

Our experience in the reanimation of patients from a state of clinical death. Khirurgiia 19 no.9:10-14 S'63 (MIRA 17:3)

1. Iz kafedry khirurgii Instituta usovershenstvovaniya vrachey (dir. - prof. K. Stoyanov) i kafedry voyenno-polevoy khirurgii Vysshego voyenno-meditsinskogo instituta (nachal'nik - prof. G. Krestinov), Bolgariya.

STOYANOV, K.A.

Problem of closed drainage of the choledochus. Khirurgiia, Sofia 6 no.8:449-458 1953. (CIML 25:5)

1. Docent, Director of Hospital Surgical Clinic of the Institute for the Specialization and Advanced Training of Physicians.