

PAKULA, R.; WALCZAK, W.; SHUGAR, D.

Oxygen and dose-rate effects on survival curves of γ -irradiated transforming DNA in the presence of protective substances. Acta biochim. polon. 9 no.3:227-237 '62.

1. State Institute of Hygiene, Warszawa.

(DESOXYRIBONUCLEIC ACID - radiation effects)

(SULFHYDRYL COMPOUNDS - pharmacology) (THIOUREA - pharmacology)

(CYSTEINE - pharmacology)

PAKULA, ROMAN.

Paciorkowce.

Warszawa, Poland. Panstwowy Zaklad Wydawn. Lekarskich, 1954, 126p.

Monthly List of European Accessions (EEAI) LC, Vol. F, no. 7, July 1959

Uncl.

PAKULA, Roman, Dr med., GORSKA, Jadwiga, dr med.; PAGOWSKA-WAWRZYNSKA,
Jadwiga, dr med.

Hemagglutination reaction in primary chronic rheumatism. Postepy
reumat. no.1:102-113 1954.

1. Z Panstwowego Zakladu Higieny Dyrektor: prof. F.Przesmucki i
z Panstwowego Instytutu Reumatologicznego Dyrektor: prof. dr E.
Reicher.

(ARTHRITIS, RHEUMATOID, immunology,
hemagglut.)

(HEMAGGLUTINATION, in various diseases,
rheum. arthritis)

Pakula, Roman

Adsorption method for the separation of streptokinase and streptodornase. Roman Pakula, Marian Tyc, and Dawid Sznajder. *Med. Doświadczalna i Mikrobiol.* 7, 323-6 (1965) (English summary). -- Streptokinase (I) and streptodornase (II) are sepd. by an adsorption method with Hyflo-Super-Cel. The yield of each enzyme in activity units in respect to supernatant is 40% and in respect to the concentrate is about 55%. The activity of I in the final prepn. is 6500 Christensen units per mg. while the activity of II is 1500 units per mg. (based on Wellesens Dornokinase). The final lyophilized I contains 0.7% of II activity; while the final II contains 1% of I activity. Properties are described. Kathryn D. Kuck

2

PAKULA, Roman, Warszawa, Chocimska 24 P.Z.H.

Certain streptococcal enzymes and their therapeutic use;
streptokinase and streptodornase. *Pediat.polska* 30 no.10:
967-973 Oct. '55.

(STREPODORNASE AND STREPOKINASE,
pharmacol.)

PAKULA, Roman; TYC, Marian

Application of a lytic factor from *Streptomyces* (*Actinomyces*) for extraction of desoxyribonucleic acid from bacteria. *Med. dosw. mikrob.* 8 no.4:523-528 1956.

1. Z Zakładu Bakteriologii Państwowego Zakładu Higieny w Warszawie.
(DESOXYRIBONUCLEIC ACID, determination,
in bact., isolation with *Actinomyces* lytic factor (Pol))
(BACTERIA,
desoxyribonucleic acid, extraction with *Actinomyces* lytic
factor (Pol))
(ACTINOMYCES,
lytic factor, extraction of desoxyribonucleic acid from
bact. (Pol))

PAKULA, Roman; RABCZYNSKA, Felicja; IWANSKA, Krystyna

Epidemiology of infections of the upper respiratory tract with Staphylococcus resistant to antibiotics in hospitalised patients treated with chloramphenicol. Prsegl. epidem., Warsz. 10 no.1: 19-24 1956.

1. Z Zakładu Bakteriologii Państw. Zakładu Higieny w Warszawie.
(MICROCOCCAL INFECTIONS,
resp. tract, antibiotic resist. types in patients
treated with chloramphenicol. (Pol))
(RESPIRATORY TRACT, diseases,
micrococcal infect. resist. to antibiotics in patients
treated with chloramphenicol. (Pol))
(CHLORAMPHENICOL, therapeutic use,
resp. micrococcal infect. resist. to antibiotics in
patients treated with chloramphenicol. (Pol))
(ANTIBIOTICS, resistance and sensitivity,
micrococcal infect. of resp. tract. resist. to
antibiotics in patients treated with chloramphenicol.
(Pol))

KOWALSKA, Janina; PAKULA, Roman

Studies on bacteriophage receptors in *Streptococcus pyogenes*.
Med. dosw. mikrob. 11 no.3:255-266 1959.

1. Z Zakładu Bakteriologii PZH w Warszawie.
(STREPTOCOCCUS PYOGENES) (BACTERIOPHAGE)

PAKULA, Roman; HULANICKA, Edmunda; WALCZAK, Wlodzimierz

Sensitivity to ultraviolet rays of streptomycin-resistance characteristics in various bacteria transforming DNA. Med. dosw. mikrob. 11 no.3:267-272 1959.

1. Z Zakladu Bakteriologii Panstwowego Zakladu Higieny w Warszawie.
(ULTRAVIOLET RAYS, eff.) (DESOXYRIBONUCLEIC ACID, metab.)
(STREPTOMYCIN, pharmacol.)

PAKULA, Roman; HULANICKA-BANKOWSKA, Edmunda; WALCZAK, Wlodzimierz

Use of *Escherichia coli* extracts on photoreactivation of transforming desoxyribonucleic acid from *Staphylococcus* and *Diplococcus pneumoniae* damaged by ultraviolet rays. *Med.dosw.mikrob.* 12 no.4: 339-349 '60.

1. Z Zakladu Bakteriologii Panstwowego Zakladu Higieny w Warszawie.
(*ESCHERICHIA COLI*)
(*DESOXYRIBONUCLEIC ACID* chem)
(*STAPHYLOCOCCUS* chem)
(*DIPLOCOCCUS PNEUMONIAE* chem)
(ULTRAVIOLET RAYS)

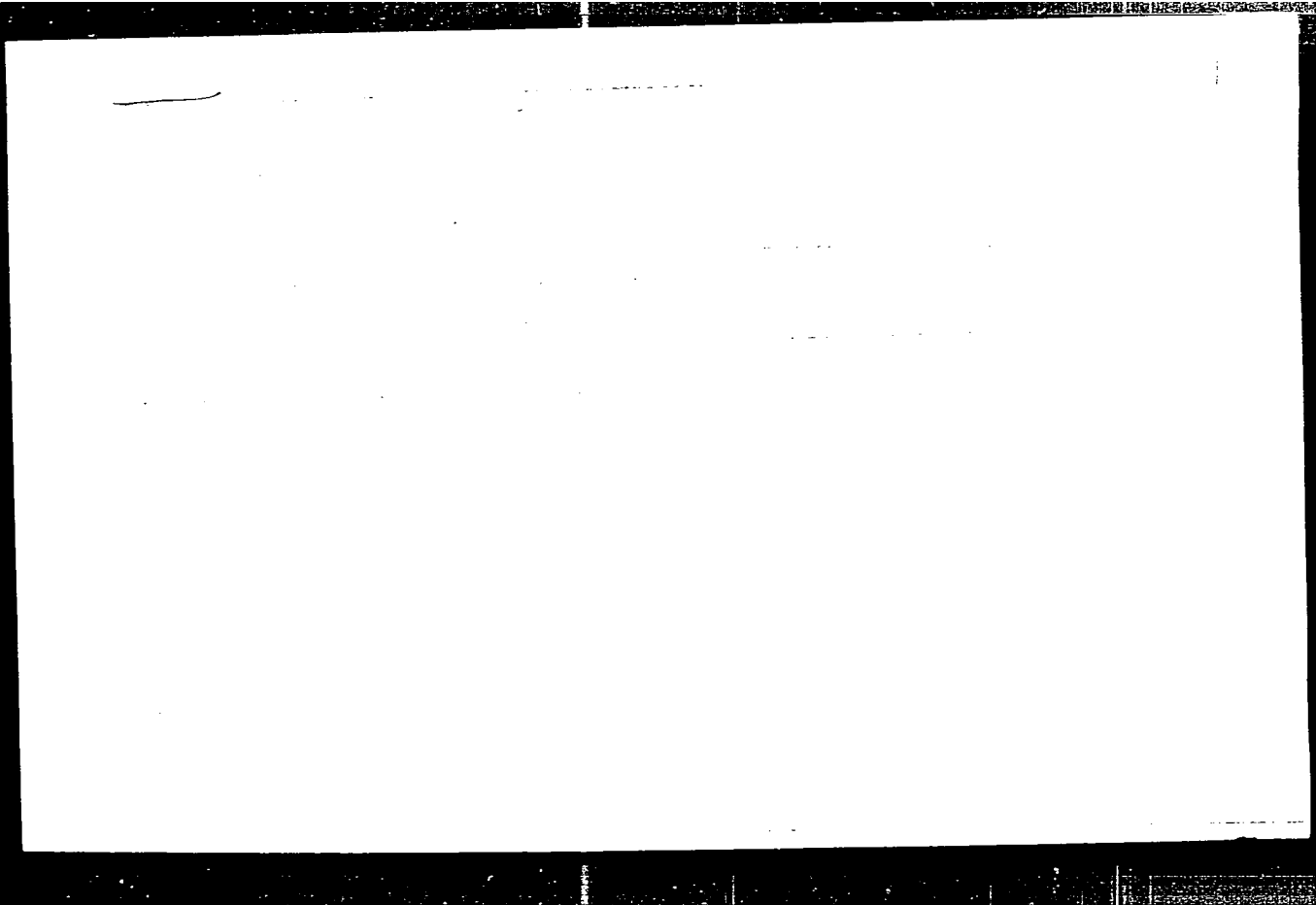
PAKULA, Roman

Genetic function of nucleic acids, their structure and biosynthesis.
Postepy hig.med.dosw 14 no.3:253-269 '60.

1. Z Zakladu Bakteriologii Panstwowego Zakladu Higieny w Warszawie
(NUCLEIC ACIDS)
(GENETICS)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001238



APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001238

PAKULA, Roman

Interspecific transformations as a means of determining genetic relationships in streptococci. Acta microb. polon. 10 no.3:249-254 '61.

1. From the State Institute of Hygiene, Warsaw.
(STREPTOCOCCUS)

PAKULA, Roman

Organization of genetic materials in bacteria. Postepy hig. i med.
dosw. 15 no.2:125-145 '61.

1. Z Zakladu Bakteriologii Panstwowego Zakladu Higieny w Warszawie.
(BACTERIA genetics) (CHROMOSOMES)

PAKULA, Roman; PIŁCHOWSKA, Mirosława; BANKOWSKA, Edmunda; WALCZAK, Włodzimierz

A characteristic of DNA mediated transformation systems of two streptococcal strains. Acta microbiol. polon. 11 no.3:205-222 '62.

1. From the Department of Bacteriology, State Institute of Hygiene, Warsaw.

(DNA, BACTERIAL) (STREPTOCOCCUS)

POLAND

APPROVED FOR RELEASE: Tuesday, August 01, 2000
CYBULSKA, Janina and PAKULA, Roman, Department of Bacteriology (Zakład Bakteriologii Państw. Zakładu Higieny) in Warsaw (Director: Prof. Dr. E. WOJCIECHOWSKI)

"Streptococcal Polyglucosidase. I. A Medium Suitable for Polyglucosidase Production."

Warsaw, Medycyna Doswiadczalna i Mikrobiologia, Vol 15, No 3 63, pp 177-187

Abstract: [Authors' English summary modified] Authors give the details of the media used and studies made of the production of polyglucosidase by Streptococcus sanguis and Chalis. They found that maximum production of the enzyme did not correspond with the maximum growth of the microorganisms. Optimum medium for the enzyme production was the one containing peptone and yeast dialysates with empirically determined quantity of caseine hydrolysate, which besides maximum yield also created best conditions for the concentration and purification of the enzyme. Addition of glucose inhibited synthesis of polyglucoside, but not production of the enzyme. 22 refs: 4 Polish, 5 German, and the others English.

1/1

PAKULA, Roman; OSOWIECKI, Henryk; MODZELEWSKA, Danuta

A simple technique for isolation of mutants of *Escherichia coli* B resistant to ultraviolet radiation. *Acta microbiol. Pol.* 13 no.2:113-118 '64.

1. From the Department of Microbiology and Hygiene, Medical School, Warsaw.

CYBULSKA, Janina; PAKULA, Roman

Polyglucosidases in the genus *Streptococcus*. II. Effect of some factors on the synthesis of dextran by polyglucosidase. Med. dosw. mikrobiol. 15 no.4:273-284 '63

~~Polyglucosidases in the genus *Streptococcus*~~. III. Concentration and purification of the enzyme. Ibid:285-292

1. Z Zakladu Bakteriologii PZH w Warszawie.

*

CYBULSKA, Janina; PAKULA, Roman

Polyglucosidases in the genus *Streptococcus*. I. Optimum environmental conditions for the synthesis of polyglucosidases. *Med. dosw. mikrobiol.* 15 no.3:177-187 '63.

1. Z Zakładu Bakteriologii PZH w Warszawie Kierownik: prof. dr E. Wojciechowski.

(GLYCOSIDE HYDROLYSES) (STREPTOCOCCUS)
(METABOLISM)

PAKULA, Roman; CYBULSKA, Janina; WALCZAK, Wlodzimierz

The effect of environmental factors on transformability of a Streptococcus. Acta microbiol. pol. 12 no.4:245-257 '63.

1. From the Department of Microbiology, Institute of Biochemistry and Biophysics, Polish Academy of Sciences, Warsaw, and from the Department of Bacteriology, State Institute of Hygiene, Warsaw.

(STREPTOCOCCUS) (DNA, BACTERIAL)
(CHLORAMPHENICOL) (PHARMACOLOGY)
(MUTATION)

OSOWIECKI, Henryk; PAKULA, Roman

Studies on staphylococcal desoxyribonucleic acid. IV. Purification and properties of staphylococcal desoxyribonuclease. Med. dow. mikrobiol. 15 no.1:1-11 '63.

1. Z Zakładu Mikrobiologii i Higieny AM w Warszawie Kierownik: prof. dr R. Paćka.

(DESOXYRIBONUCLEASE) (STAPHYLOCOCCUS) (CHEMISTRY)

OSOWIECKI, Henryk; PAKULA, Roman

Studies on staphylococcal desoxyribonuclease. I. Measurement of the activity of staphylococcal desoxyribonuclease by the viscosimetric method. Med. dow. mikrob. 14 no.3:173-183 '62.

1. Z Zakladu Mikrobiologii i Higieny AM w Warszawie.

(DESOXYRIBONUCLEASE chem) (STAPHYLOCOCCUS chem)

OSOWIECKI, Henryk; PAKULA, Roman

Studies on staphylococcal desoxyribonuclease. II. Environmental factors in the production of desoxyribonuclease by Staphylococci. Med. dosw. mikrob. 14 no.3:185-191 '62.

1. Z Zakładu Mikrobiologii i Higieny AM w Warszawie.
(STAPHYLOCOCCUS metab) (DESOXYRIBONUCLEASE metab)

POLAND

U.S. Author: Henryk and ANNA. Roman, Department of Microbiology and Hygiene (Zaklad Mikrobiologii i Higieny), AM [Akademia Medyczna, Medical Academy] in Warsaw [Director: Prof. Dr. R. BAKULA]

"Studies on Staphylococcal Deoxyribonuclease. IV. Purification and Some Properties of Staphylococcal DNA-ase."

Warsaw, Prace Państwowego Instytutu Mikrobiologii, Vol 15, No 1, 1967, pp. 1-11.

Abstract. [Authors' English summary] Several methods were studied in the concentration of staphylococcal DNA-ase: adsorption on various adsorbents, elution, and precipitation with lead acetate and trichloroacetic acid. The last, followed by precipitation with acetone, appeared best for the preparation and purification of the DNA-ase. The preparations are heat-resistant and are activated by salt. Although it does not act on DNA, it appears to have some properties in common with DNA-ase. The references contain 3 Polish, 2 English, and one French source.

PAKULA, Roman

Notes on the scientific session on "Nucleic acid." Kosmos biol
ll no.4:477-484 '62.

*

PAKULA, Ryszard, dr inz.; HAUSMAN, Stanislaw, mgr inz.

Anniversary address. Gosp wodna 23 no. 8/3:291 Ag-S 163.

1. Chairman of the Association of Hydraulic and Soil Improvement Engineers and Technicians, Main Executive Board, Warsaw (for Pakula). 2. Secretary General of the Association of Hydraulic and Soil Improvement Engineers and Technicians, Main Executive Board, Warsaw (for Hausman).

PAKULA, Ryszard; SZCZYCINSKI, Bohdan

Reaction of thiazine and its phosphate esters with polyphosphoric acid. Acta Pol. pharm. 22 no.1:49-53 1965.

1. Z Zakladu Technologii Instytutu Farmaceutycznego w Warszawie (Kierownik: mgr. inż. P. Kazimierzak).

PAKULA, Zofia

A case of arthrogryposis in an adult complicated by ankylosing
spondylitis. Reum. pol. 4:113-121 '61.

1. Z Instytutu Reumatologii w Warszawie. Dyrektor: dr med. Wl. Bruhl.
(SPONDYLITIS ANKYLOSING) (JOINT DISEASES)

LUFT, Stanislaw; PAKULA, Zofia

Arthropathia psoriatica in siblings. Reumatologia (Warsz.)
1 no.1:55-60 '63.

1. Z Instytutu Reumatologicznego w Warszawie (Dyrektor: dr
med. Wł. Bruhl).

S/137/61/000/002/011/046
A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1961, No. 2, p. 33. # 2D302

AUTHORS: Fovolotskiy, D.Ya., Pakuleva, V.S.

TITLE: Heat Treatment Preventing the Formation of Flakes in the Martensite Class Steels

PERIODICAL: "Sb. nauchno-tekhn. tr. N.-i. in-t metallurgii Chelyab. sovmarkhoz", 1960, No. 1, pp. 95 - 99

TEXT: Investigations and semi-industrial tests were made to improve the heat-treatment conditions of martensite class steel and similar steels of the perlite-martensite class (18XHB A (18KHNA), 30XH3A (30KHZA), 45XHMΦA (45KHMA)) During heat treatment isothermal holding at 250-300°C is employed which promotes accelerated austenite decomposition; the treatment is followed by softening tempering. For instance, blooms of 250 x 250 mm section are air cooled after rolling to 250 - 300°C, placed in a furnace heated to 300°C, held for 20 hours and heated

✓

Card 1/2

S/137/61/000/002/011/046
A006/A001

Heat Treatment Preventing the Formation of Flakes in the Martensite Class Steels
to 650°C for stress relief during 4 - 8 hours. A check-up performed after 4 - 6 months did not reveal flakes in the metal. Isothermal holding time, so shortened, reduces flake formation by 20%. There are 3 references. ✓

A.B.

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

KOSSOVSKIY, L.D., inzh.; PAKULEVA, V.S., inzh.

Pseudo superheating in the fracture of 20Kh2N4A steel [with summary
in English]. Stal' 18 no. 6:556-558 Je '58. (MIRA 11:7)

1. Chelyabinskiy metallurgicheskiy zavod.
(Steel--Heat treatment)

S/133/63/000/004/008/011
A054/A126AUTHORS: Fabulova, V. S., Khaden'kikh, A. A., Barikhin, A. S.

TITLE: Adaptation and improvement of heat treatment of ДИ-1 (DI-1) grade steel

PERIODICAL: Stal', no. 4, 1963, 358 - 360

TEXT: The DI-1 (20X15H 3MA/20KH15N3MA) grade having a HB of 3.2 mm after standard heat treatment, displayed cracks upon polishing with abrasives. To eliminate this the metal (180 mm square and 170 mm circular sections) was investigated with a dilatometer and a laboratory electric furnace, to establish the optimum annealing temperature and holding time, so that the required hardness was ensured. It was found that the cracks were mainly caused by inadequate cooling of the specimens prior to being placed in the soaking pits and by the high annealing temperature. The necessary hardness (about 3.5 mm) was obtained with a metal temperature not higher than 100°C. Optimum annealing took place at 650°C. To establish the best cooling method, tests were carried out on the effect of the forging and temperature and cooling rate on austenite transformation.

Card 1/2

S/133/63/000/004/008/011
A054/A126

Adaptation and improvement of heat treatment of...

The best results were obtained when 450 x 450 mm ingots were cooled in non-heated pits for not less than 72 hours to 50°C, thereupon they were processed with abrasives and put into a pusher type furnace for heating to forging temperature. This must take place not later than 5 days after removal from the pits. The 405-mm diameter circular sections must be air-cooled for a minimum of 24 and a maximum of 72 hours. They should be annealed at 650±10°C with a holding time of 20 hours + 0.9 hour/t of the charge. Next they must be furnace cooled to 200°C at a 30 - 50°C/h rate, followed by air-cooling. 150 - 170 mm square and circular sections should be aircooled for 24-72 hours to maximum 50°C. To ensure a forging end temperature of 950°C, the ingots must be heated to 1,130°C instead of 1,180°C prior to forging. The new heat treatment eliminated the crack formation both in the ingots and the forged sections. There is 1 figure.

ASSOCIATION: Chelyabinskiy metallurgicheskiy zavod (Chelyabinsk Metallurgical Plant)

Card 2/2

SOV/133-58-6-26/33

AUTHORS: Kossovskiy, L.D. and Pakuleva, V.S., Engineers

TITLE: Apparent "Overheating" in the fracture of Steel 20Kh2N4A
(Lozhnyy "peregrev" v izlome stali 20Kh2N4A)

PERIODICAL: Stal', 1958, Nr 6, pp 556 - 558 (USSR).

ABSTRACT: The appearance of coarse grain fracture in steels 20Kh2N4A, 12Kh2N4A and 37KhN3A during testing of merchant blooms of a cross-section 200 - 300 mm was initially ascribed to overheating. Attempts to improve the structure by decreasing the heating temperature from 1220° to 1190° C and by twice or three times repeated normalisation and various homogenizing soakings at high temperatures were unsuccessful. It was therefore decided to compare the indices of the quality of steel for the last few years with results of tests of hardened structure, taking into consideration changes in the technology of heating and cooling of the metal in the reducing shop for this period. The dependence of structure of hardened fracture on the velocity of cooling of blooms - Table 1; the dependence of mechanical properties of specimens on cooling conditions of blooms - Table 2. It was found that coarse grain fracture in hardened fracture of steels investigated is not always caused by overheating and can appear also in the absence of high heating

card 1/2

SCV/133-58-1-20/33
Apparent "Overheating" in the Fracture of Steel 20Kh2N4A

of ingots before rolling into blooms, due to cooling of blooms in air to 150 - 250 °C before charging the into a furnace for thermal treatment in order to prevent the formation of flakes. By applying intermediate slow cooling in pits of merchant square blooms (200 - 300 mm) before their thermal treatment (to prevent flake formation) defects due to coarse grain structure decreased and mechanical properties of steels 20Kh2N4A, 12Kh2N4A and 37KhN3A were improved. It is stated in the editorial note that the above phenomenon is apparently caused by recrystallization during annealing of work-hardened (near to the critical value) steel. Work hardening can be caused by considerable internal stresses appearing due to the transformation of austenite into martensite during cooling of blooms of large cross-sections in air. There are 2 tables.

ASSOCIATION: Chelyabinskiy metallurgicheskiy zavod (Chelyabinsk Metallurgical Plant)

1. Steel--Fracture 2. Steel--Temperature factors 3. Steel
--Heat treatment

Card 2/2

KRYUKOV, V.P., kand.tekhn.nauk; SAFONOV, A.Ye., inzh.; PAKULIN, A.A.,
inzh.; SAMOYLOV, G.F.

Transducers in the equipment for determining the content of iron.
Izv.vys.ucheb.zav.; gor.zhur. 7 no.2:156-159 '64. (MIRA 17:3)

1. Ural'skiy nauchno-issledovatel'skiy institut mekhanicheskoy ob-
rabotki poleznykh iskopayemykh. Rekomendovana kafedroy avtomati-
zatsii proizvodstvennykh protsessov Sverdlovskogo gornogo insti-
tuta.

PAKULIN, V., inzh. (Sverdlovsk)

Attachment to a dictaphone. Radic no.1:31 Ja '66.

(MIRA 19:1)

PAKULIN, V. inzh. (Sverdlovsk)

Temperature signaling device. Radio no.2:42 F '65.

(MIRA 18:4)

PAKULIN, V.A., inzh.; PROTCPOPOV, O.A., inzh.

Contactless servosystem. Elek. sta. 36 no.1:84-85 Ja '65.
(MIRA 18:3)

PAKULINA, L. Ye.

Amount of P^{32} in the internal organs of rats after its injection
in various chemical compounds; data from contact radiography.
Vop. onk. 6 no. 5:25-32 My '60. (MIRA 14:3)
(PHOSPHORUS—ISOTOPES) (TUMORS)

PAKULINA, L.Ye.

Intratissue introduction of P^{32} in the form of colloidal
chromium phosphate; experimental research. Med. rad. 8
no.4:17-22 Ap'63 (MIRA 17:2)

1. Iz radiyevoy laboratorii (zav. - doktor med. nauk N.D.
Perumova) Instituta onkologii AMN SSSR.

PAKULINA, L.Ye. (Leningrad, K-156, pr. Engel'sa, 28, kv.77)

Prolonged cure of adenocarcinoma of the rectum attained by
telegamma irradiation. Vop.onk. 8 no.8:78-80 '62.

(MIRA 15:9)

1. Iz kabineta telegammaterapii (sav. - d-r med.nauk N.D.
Perumova) Instituta onkologii AMN SSSR (dir. - deystv. chl.
AMN SSSR, prof. A.I. Serebrov).

(RECTUM—CANCER) (GAMMA RAYS—THERAPEUTIC USE)

PAKULINA, L. Ye.

PAKULINA, L. Ye--"Skin Sarcoma."* (Dissertation for Degrees in Science and Engineering Defened at USSR Higher Educational Institutions.) Acad Medical Sci USSR, Unified Council of Group Of Leningrad Institutes, Leningrad, 1955

SO: Knizhnaya Letopis' No. 25, 18 Jun 55

* For Degree of Candadite in Medical Sciences

AP5006289

8/0103/65/026/002/0315/0319

AUTHOR: Pakulov, N. I. (Kharkov); Ul'yanchenko, Ye. F. (Kharkov)

TITLE: Computer electronic output device 160

SOURCE: Avtomatika i telemekhanika, v. 26, no. 2, 1965, 375-379

TOPIC TAGS: digital computer, computer output device, electronic output device

ABSTRACT: An electronic device with cathode-ray scope display for the output of alpha numeric data from a digital computer is described. All functions of scanning the ferrite matrix, of producing the raster on the screen, and of determining the coordinates of the symbol in question are combined in coordinate counters with added weight resistors which cut down on the amount of equipment required. A model tested in the laboratory is claimed to have these characteristics: clock frequency, 100 kc; speed, 2000 characters per min; number of ferrite cores in the matrix, 48; power consumption, 10 w; tolerable supply-voltage variation, +20%. There are 72 transistors and 148 diodes in the device. Data storage is possible by rapid photographing of the images on the screen or by a skiatron. Orig. art. has: 4 figures. [03]

Card 1/ 2

L 36338-65

ACCESSION NR: AP5006289

ASSOCIATION: none

SUBMITTED: 16Sep63

NO REF SOV: 001

ENCL: 00

OTHER: 001

SUB CODE: DP,EC

ATD PRESS: 3218

Card 2/2

KIM, T.A.; PAKULOV, V.A.

Results of quantitative estimation of passerine birds in the
Manskoye Belogor'ye, Eastern Sayans. Uch. zap. Kras. gos. ped.
inst. 15:257-263 '59. (MIRA 14:12)
(Manskoye Belogor'ye--Passeriformes)

PAKULOV, V.A.

Permeability of the cocoon and tissues of pupae of the Siberian
silkworm (*Dendrolimus sibiricus* TSchtv.) to ultraviolet radiation.
Uch. zap. Kras. gos. ped. inst. 15:275-279 '59. (MIRA 14:12)
(Ultraviolet radiation--Physiological effect)
(Moths)

SOKOLOWSKA-DEJUTTA, Antonina; GLAPIKOWA, Krystyna; KOT-DEJUTTA, GREGALKA,
Bożena; PAKULOWA, Jadwiga

Transferrin in secondary erythrosis in children. Pol. ty. lek. 19
no. 40:1520-1521 5 5 1974

1. Z I Kliniki Pediatricznej Akademii Medycznej w Lublinie
(Kierownik i. o. dr. med. A. Sokolowska-Dejuttowa z laboratorium
Szpitala PKB w Lublinie (Kierownik lek. med. V. K.).

7/11/57
PAKULA, R.; PSTRAGOWSKA, W.; PAKULSKA, J.; OSWIECIMSKA, H.; RABCZYNSKA, P.;
FURWASZEK, Z.

Course of scarlet fever in children treated with penicillin and hospitalized in general wards with normal admission of patients to wards. *Pediat. polska* 32 no.1:83-93 Jan 57.

1. Z Panstwowego Zakladu Higieny w Warszawie Dyrektor: prof. dr. med. F. Przesmycki i Miejskiego Szpitala Zakasnego Nr 1 w Warszawie Kierownik naukowy: prof. dr. J. Bogdanowicz. Adres: Warszawa, ul. Wolska 37, Klinika Chorob Zakasnych Dzieci.

(SCARLET FEVER, ther.

penicillin in non-isolated hosp. wards (Pol))

(PENICILLIN, ther. use

scarlet fever, in non-isolated hosp. wards (Pol))

PAKUSKI, J.; DUB WICKI, P.

The properties of cast-iron tubing for running shafts. p. 157.

(PRZEGLAD ODLIWNICTWA. Vol. 7, No. 6, June 1957, Krakow, Poland.)

SO: Monthly List of East European Accessions (HEAL) c. Vol. 6, No. 10, October 1957. Encl.

KALINSKI, Albin; PAKULSKI, Janusz

Washer pipes of new grades of steel. Metal 1 odlew no.10:126-
127 '63.

1. Katedra Metaloznawstwa Odlewniczego, Akademia Gorniczo-
Hutnicza, Krakow.

KALINSKI, Albin, mgr. inz.; PAKULSKI, Janusz, mgr. inz.

Screw casings made from new types of steel. Nafta 18
no.4:98-101 Ap '62.

1. Akademia Gorniczo-Hutnicza, Krakow.

PAKULYAK, Z.V., inzh.; KUCHERENKO, P.P., inzh.

Study of the anthracite cula grinding operation of a SBM
400/800 (Sh-50) ball mill. Elek. sta. 35 no. 4:18-20
Ap '64. (MIRA 17:7)

L 24512-66 EWT(m)/EWP(j)/T RM

ACC NR: AP6007680

SOURCE CODE: UR/0413/66/000/003/0050/0050

AUTHOR: Pokushin, G. N.; Bush, V. P.; Sandakov, Ye. A.; Gazizov, R.F.; Rashidov, N. P.; Todynsky, Yu. G.; Kireyev, V. G.

ORG: none

14
13
8

TITLE: Elastic container for storing and transporring liquids.
Class 33, No. 178459

SOURCE: Izobreteniya, promyshlennyye obrastay, tovarnyye znaki,
no. 3, 1966, 50

TOPIC TAGS: liquid container, portable container, elastic container

ABSTRACT: An Author Certificate has been issued describing a port-
able elastic container for storing and transporring liquids, which
has a detachable fastener for the filling opening. To facilitate
cleansing of the internal surface, the detachable fastener is a part
of the filling opening which is equipped with clamping strips and a
brass-type lock. To prevent the liquid from shifting in the con-
tainer when it is partly full, there is a tightening belt attached
to one of the clamp strips at the bottom of the container. (see
Fig. 1).

[LD]

2

Card 1/2

UDC: 685.514.32

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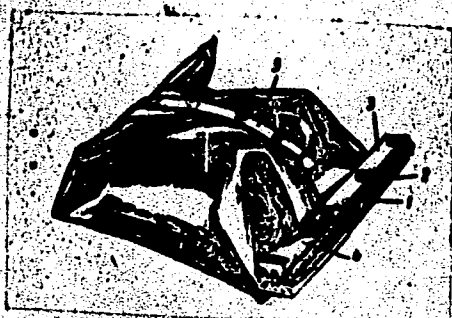


Fig. 1. Elastic containers for storing and transporting liquids. 1 - filling opening; 2 and 3 -- clamping strips; 4 - brass-type lock; 5 - tightening belt.

SUB CODE: 1/3

SUBM DATE: 20Nov64/

Card 2/2 810

V
VASIL'YEV, A.; ZAPASNOY, A.; IL'INSKIY, Ye.; PAKUSHIN, V.; SHEVCHUK, S.

Business accounting for highway-operation sections. Avt.dor.17
no.1:6 J1-Ag'54. (MLRA 8:10)

(Roads--Estimates and costs)

VENDROVSKIY, K.V.; PAKUSHKO, I.I.

Relation between light sensitivity, resolving power and size of
emulsion grains of photographic emulsions. Zhur.nauch. i prikl.fot.
i kin. 9 no.2:96-101 Mr-Ap '64. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (NIKFI).

PAKUSIN, A.G.

Soil toxicosis and its effect on the distribution of *Azotobacter* in some soil types of Azerbaijan. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.8:101-107'61. (MLA 16:8)
(AZERBAIJAN--AZOBACTER)

PAKUSIN, A.G.

Microflora of saline soils in the center of the southeastern part of the Shirvan Steppe. Dokl.AN Azerb.SSR 11 no.8:561-566

1. Institut pochvovedeniya i agrokhimii AN Azerbaydzhanskoy SSR.
Predstavleno deystv. chlenom AN Azerbaydzhanskoy SSR A.I.Karayevya.
(Shirvan steppe--Soil microorganisms)

PAKUSIN, A. G., Cand Biol Sci -- (diss) "Microflora of the subtropical soils of the Lenkoranskaya zone." Baku, 1960. 25 pp; (Academy of Sciences Armenian SSR, Division of Biological Sciences); 150 copies; free; (KL, 22-60, 134)

PAKUSIN, A.G.

Soil microflora in the subtropical Lenkoran zone. Izv. Akad. Nauk Azerb. SSR. Ser. biol. i med. nauk no.3:149-159 '60. (MIRA 13:7)
(LENKORAN LOWLAND--SOIL MICRO-ORGANISMS)

Pakusin, Z. G.

USSR/Microbiology. Soil Microbiology

F-3

Abs Jour : Ref Zhur-Biologiya, No 1, 1957, 563

Author : Z. G. Pakusin

Inst :

Title : Microflora of Salty Soils of the Central
Part of Southeastern Shirvania

Orig Pub : Dokl. AN Azerb SSR, 1955, 11, No 8,
651-666

Abstract : By planting samples of different salty
soils of Shirvania, gathered on the basis
of their genetic origin in the zone of
the roots of grass vegetation and outside
of it, on usual nutrient media, it was
established that the total number of
bacteria, fungi, and actinomyces was

Card 1/2

.USSR/Microbiology. Soil Microbiology

F-3

Abs Jour : Ref Zhur-Biologiya, No 1, 1957, 563

Abstract : considerably greater under the grasses
than in soils without vegetation.
Azotobacters were found almost every-
where in salty soils; they can develop,
however, only under vegetation.

Card 2/2

PAKUSINA, O.V.

KHALFEN, Sh.S., professor; PAKUSINA, O.V.

Functional state of the pancreas in epidemic parotitis. Sov.med.
21 no.):121-122 Nr '57. (MLRA 10:7)

1. Iz kafedry infektsionnykh bolezney (sav. - prof. Sh.S.Khalfen)
Azerbaydzhanskogo instituta usovershenstvovaniya vrachey (dir, M.I.
Aliyev)

(MUMPS, manifestations
pancreas)

(PANGREAS, in various dis.
mumps)

KHALFEN, Sh.S., prof.; SHAKOV, I.I.; SHTIVEL', Ye.A.; PAKUSINA, O.V.;
FILIMONOVA, V.A. (Baku)

Pneumonia in influenza during the 1957 pandemic [with summary in
English]. Terap.arkh. 31, no.1:77-82 Ja '59. (MIRA 12:2)

1. Iz infektsionnoy kliniki i kafedry rentgenologii Azerbaydzhanskogo
instituta usovershenstvovaniya vrachey.

(INFLUENZA, compl.
pneumonia (Rus))

(PNEUMONIA, etiol. & pathogen.
influenza (Rus))

PAKUSINA, O.V.

Observations of late results of Botkin's disease. Azerb.med.zhur.
no.6:70-73 Je '59. (MIRA 12:9)

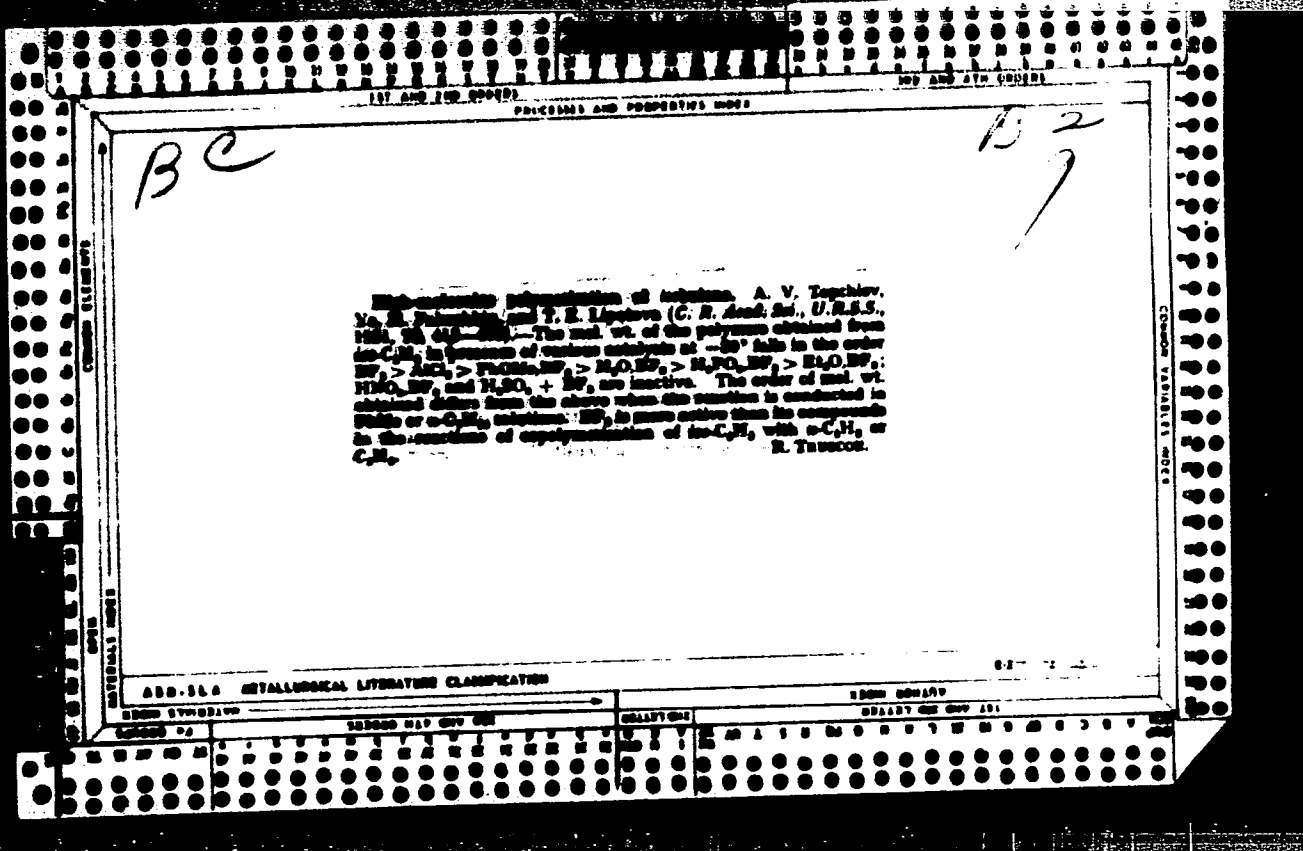
1. Iz kafedry infektsionnykh bolezney (zav. - prof.Sh.S.
Khalfen) Azerbaydzhanskogo instituta usovershenstvovaniya
vrachey.

(SABUNCHI--HEPATITIS, INFECTIOUS)

PAKUSHKIN, A.Ye., slesar' (Odessa)

Dies for the manufacture of anticreepers. Put' 1 put. khoz. no.8:36
Ag '59. (MIRA 13:3)

1.Odesskiye putevyye dorozhnyye masterskiye.
(Dies (Metalworking))
(Railroads--Equipment and supplies)



PROCESS AND PROPERTIES INDEX

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BC

... .. of A. V. Topchiev, and T. E. (U. S.)

... .. of various catalysts at

... .. HNO_3 , H_2O_2 , and $H_2O_2 + H_2O$, are inactive. The color of

... .. of

METALLURGICAL LITERATURE CLASSIFICATION

PAKUSHKO, I.Z.; VENDROVSKIY, K.V.

Photographic properties of foreign photographic films. Zhur.nauch.
i prikl.fot. i kin. 9 no.2:142-151 Mr-Ap '64. (MIRA 17:4)

VENDROVSKIY, K.V.; PAKUSHKO, I.Z.

Halation formation in photographic emulsions. Usp.nauch.fot. 10:116-122
'64. (MIRA 17:10)

ACCESSION NR: AP4026816

S/0077/64/009/002/0096/0102

AUTHORS: Vendrovskiy, K. V.; Palmskko, I. Z.

TITLE: On the relationship between light sensitivity, resolving power, and emulsion grain dimension of photographic films

SOURCE: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, v. 9, no. 2, 1964, 96-102

TOPIC TAGS: light sensitivity, resolving power, emulsion grain, photographic film, silver deposit, contrast coefficient

ABSTRACT: A large number of negative films from various firms (e.g., Adox, Agfa, DuPont, Kodak, Sakura, etc.) has been investigated, and the maximum light sensitivity S versus mean projection area "a" of these films was measured on the basis of 0.85 and 0.2 film criteria. The results show a functional dependence between S and

"a" expressed by $S = k \frac{a^{0.85}}{2.25 + 0.25}$. It is observed that the maximum contrast coefficient and rate of growth of contrast can be determined not only by a photometric equivalence but by the silver deposit per unit film surface area. Because of the variety of film materials used in the study there is a wide variety in light

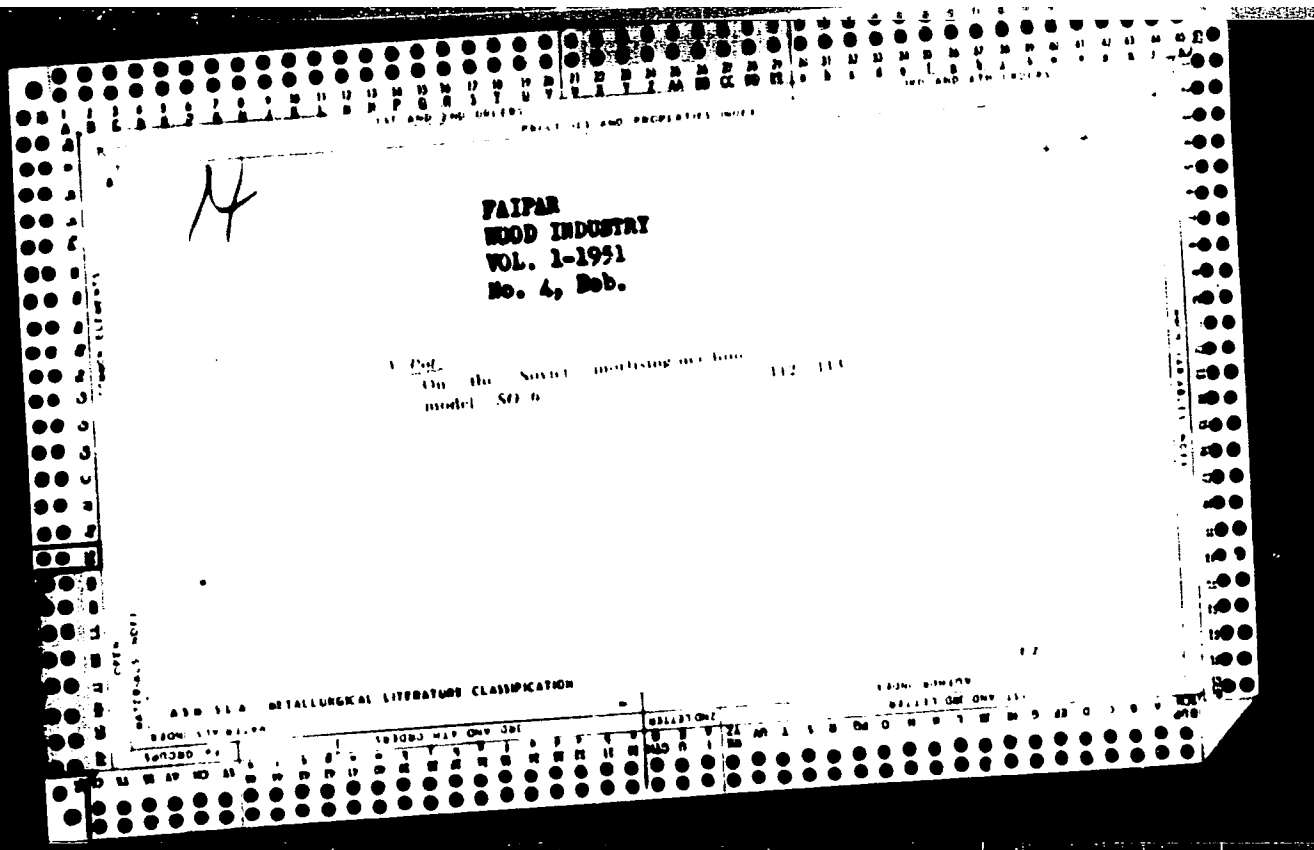
Card 1/2

PAKUTA, R.; LEWINSON, L.; BABCZYNSKA, P.

Variability of *Streptococcus viridans* under the effect of
sulfathiazole, penicillin, and chloramphenicol. Zhur.mikro-
biol. epid. i immun. no.8:115 Ag '55 (MLRA 8:11)
(STREPTOCOCCUS) (ANTIBIOTICS) (SULFATHIAZOLE)

BALUKYAVICHYUS, Yu.K. [Balukevicius, J.], inzh.; PAKUTINSKENE, Z.S.
[Pakutinskiene, Z.], inzh.

From practices in dull finishing of furniture. Der.prom. 11
no.10:24 0 '62. (MIRA 15:9)
(Lithuania--Furniture) (Wood finishing)



PAL, A.

PAL, A.
Clamping apparatus used for plastic in a high-frequency field. p. 100

Vol. 5, No. 11, Nov. 1955 Budapest, Hungary PAIPAR

S : Monthly List of East European Accessions, (EEAL), 13, Vol. 5
No. 3, March, 1958

PAL, A.

PAL, A. Accidents and their prevention in the wood industry. p.242. Vol. 4, no. 8.
Aug. 1954, FAIPAR. Budapest, Hungary.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

PAL, A. Cand Phys-Math Sci -- (diss) "Analytical interpolation theory of ~~the~~
of ~~Astrea~~ ~~problems~~." Mos, 1957. 7 pp 22 cm. (Mos State Univ im N. V. Lomonosov.
State Astronomical Inst im P. K. Shternberg), 100 copies. (KL, 15-57, 104)

L 35499-65 FSP(h)/EWT(t)/FS(v)-3/EEC(k): 2/EWA(d) Pac-2 GM
ACCESSION NR: AT5004165 8/3126/63/000/002/0115/0118

AUTHOR: Pal, A.

TITLE: On a certain criterion for identification of earth's artificial satellites
(Rumanian National Republic)

SOURCE: Nablyudeniya iskusstvennykh sputnikov Zemli, no. 2, 1963, Warsaw, PAN,
1963, 115-118

TOPIC TAGS: artificial satellite observation, artificial satellite orbit,
satellite identification

ABSTRACT: It is suggested that formulae used for identifying minor comets and planets be used also for identifying artificial satellites when more than one of these satellites may be observed simultaneously and when their orbits are known. Two sets of formulae, modified for the motion peculiarities of the artificial satellites, are presented. One set is to be applied when the observations are referred to geocentric rectangular coordinates (x, y, z) , in which axis T_x passes through the point of intersection of the observer's meridian and the equator, while axes T_y and T_z are so disposed that the system T_{xyz} is right-handed. The other set $(\xi, \eta, 0)$ is for geocentric rectangular coordinates in respect

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I. 35499-65

ACCESSION NR: AT5004165

to the axes in the satellite's orbit. In the latter case T_0 passes through the perihelion, and axis T_0 through the point with true anomaly $v = 90^\circ$. The formulae also involve projection coefficients related to the usual elements of the orbit's spatial orientation. A. D. Dubyago (Opredeleniye orbit, GITTL, M-L., 1949, 188) asserts that this method produces a low accuracy in view of several assumptions which must be made. The present author claims, however, that the accuracy may be increased with a more accurate determination of the orbit's elements and with the elimination of the coarsest assumptions. The formulae presented here may also be used to eliminate the erroneous observations of a satellite, made during a single passage by a single observation point. Orig. art. has: 2 tables and 3 sets of formulae.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: AA, SV

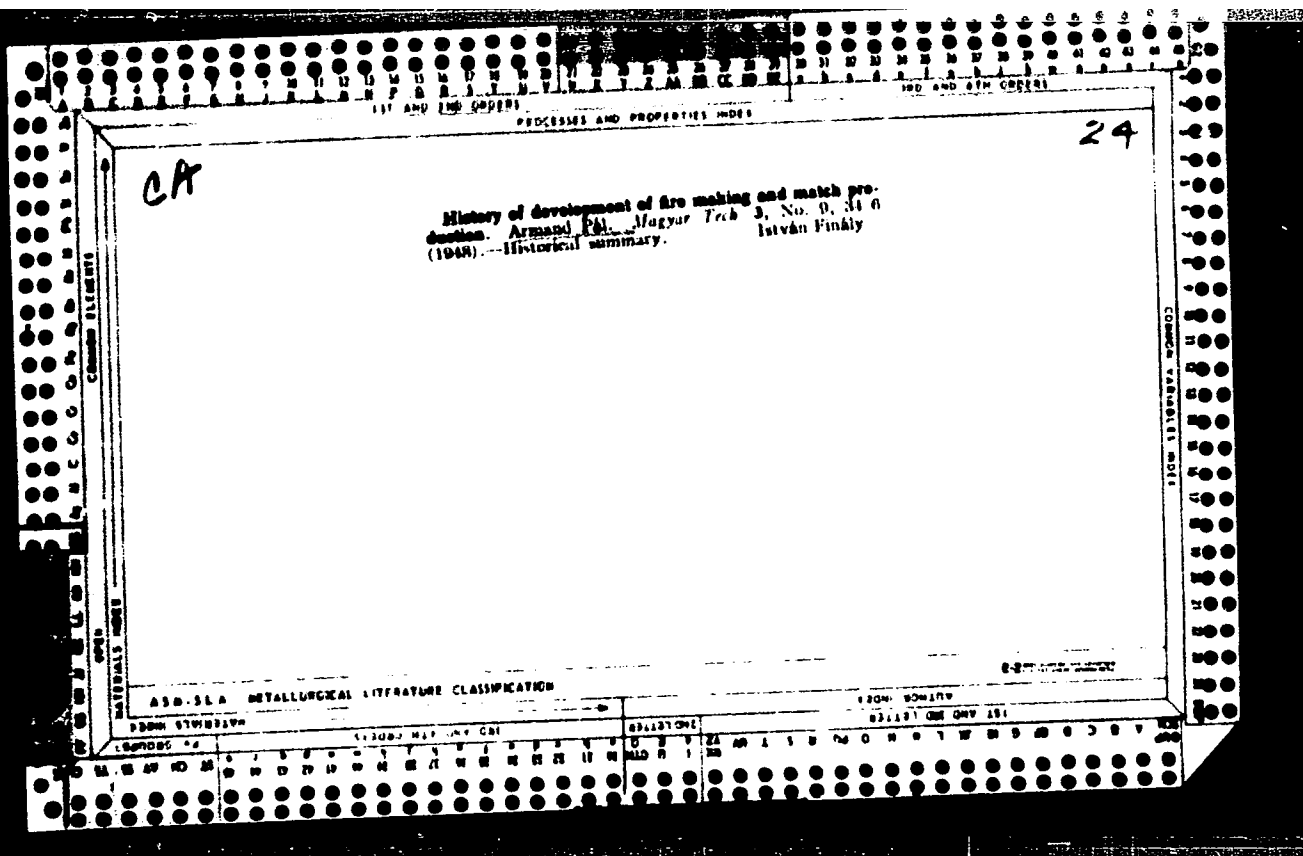
NO REF SOV: 002

OTHER: 000

Card 2/2 10

GHIS, Gh., prof. univ.; PAL, A., conf. univ. (Cluj)

Infinite space and time problem in astronomy. Gaz mat fiz 15
no.9:449-462 S '63.



PAL, Arpad

The analytic theory of the interpolation of the motion of the minor planet (5) Astaea. Studii cerc mat Cluj 10 no.1:63-132 '59.

(KEAI 10:6)

(Mechanics, Celestial) (Planets) (Interpolation)

PAL, Arpad

Comparison of the interpolation analytic theory of the little planet Astraea with the results of observations. Studii astron seismol 8 no.2:159-165 '63.

PAL, Arpad

Middle variants in the problem of three bodies. Studii astron
seismol 8 no.2:247-274 '63.

1. Observatorul astronomic Cluj.

GHIS, Gheorghe; PAL, Arpad

On the γ Leonis photometric binary instability. Studii
astron 9 no. 1:15-27 '64.

1. Astronomical Observatory, Cluj.

CHIS, Gheorghe; TODORAN, Ioan; PAL, Arpad

Visual observations of the earth's artificial satellites carried out at Station 1132 of the Astronomical Observatory of the Babes-Bolyai University, Cluj, during 1962. Studii astron
9 no. 1:113-120 '64.

1. Astronomical Observatory, Cluj.

PAL, Arpad

A criterion of identification of the earth artificial
satellites. Studia Univ B-B S. Math-Phys 9 no.2:49-60
'64.

CHIS, Gheorghe; PAL, Arpad

Visual observations of artificial satellites of earth carried out at Station No.1132 of the Astronomical Observatory of "Babes-Bolyai" University, Cluj in 1963. Studii astron 10 no.1:127-134 '65.

1. Astronomical Observatory, Cluj. Submitted March 14, 1964.

PAL, B.

Occurrence of epulis in children. Orv.hetil. 91 no.32:996-998
6 Aug 50. (CIME 20:5)

1. Dental office of the Baja School.

PAL D.

PHASE I BOOK EXPLOITATION

SOV/5573

Akademiya nauk SSSR. Astronomicheskii sovet

Byulleten' stantsiy opticheskogo nablyudeniya iskusstvennykh sputnikov Zemli.
no. 5 (15) (Academy of Sciences of the USSR. Astronomic Council. Bulletin
of the Stations for Optical Observation of Artificial Earth Satellites.
No. 5 (15)) Moscow, 1960. 17 p. 500 copies printed.

Sponsoring Agency: Astronomicheskii sovet Akademii nauk SSSR.

Resp. Ed.: Ye. Z. Gindin; Ed.: D. Ye. Shchegolov; Secretary: O. A. Bevernaya.

PURPOSE: This bulletin is intended for scientists and engineers concerned with
optical tracking of artificial satellites.

COVERAGE: The bulletin contains six articles, two of which deal with the con-
struction and operating principles of two new semiautomatic telescopes for
tracking satellites. Two other articles are concerned with the reduction
of data from photographs and the determination of satellite orbital parameters.

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Academy of Sciences (Cont.)

SCV/5573

The remaining articles discuss visual satellite observations and the results of photographic observations of the satellites 1958 δ_1 and 1958 δ_2 . No personalities are mentioned. There are 2 references: 1 Soviet and 1 English.

TABLE OF CONTENTS:

Tiyt, V. M. [Institut fiziki i astronomii AN ESSR, Tartu - Institute of Physics and Astronomy of the Academy of Sciences of the ESSR, Tartu]. A New Satellite-Tracking Instrument LUN-3	1
Eynasto, Ya. E. [Institut fiziki i astronomii AN ESSR, Tartuskiy gosudarstvennyy universitet - Institute of Physics and Astronomy of the Academy of Sciences of the ESSR, Tartu State University]. Semiautomatic Telescope for Observation of Satellites	6
Belenko, V. I., and I. A. Khasanov. [Moskva, Astrosovet-Astronomic Council, Moscow] Determination of Time and Position for Six Points of the Satellite Track on Photographs Taken by Means of a Camera with Moving Film (KPP) Designed by Panaiotov	10

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Academy of Sciences (Cont.)

SCV/5573

Pirago, B. A. (Glavnaya astronomicheskaya observatoriya AN SSSR, Pulkovo -- Pulkovo Main Astronomical Observatory of the Academy of Sciences of the USSR). On Considering the Apparent Rotation of the Celestial Sphere While Determining the Coordinates of Satellites With the Aid of Photographs Taken With Azimuth Cameras 12

Almar, I., and D. Pal. [Astronomic Observatory of the Academy of Sciences of Hungary]. A New Method of Visual Satellite Observation by Means of AT - 1 Telescopes 14

Turchaninova, E. V., and L. M. Sherbaum. Results of Photographic Observations of Artificial Earth Satellites (Positions of the Sputniks 1958 α_1 and α_2 According to Photographic Observations at the Astronomical Observatory of Kiev State University) 16

Observers: O. I. Babich, P. N. Polupan, Ye. V. Sandakova, A. P. Stefanov, Zh. M. Shcherban'. Calculations: L. M. Sherbaum. Measurements made on KIM-3 instrument

Card 3/4

ALMAR, I.: FAL, D.

Using the AT-1 telescope for visual observations of artificial
earth satellites. *Biul.Sta.opt.nabl.isk.spuz.Zem.* no.5:14-15
'60. (MIRA 13:11)

1. *Astronomicheskaya observatoriya AN Vengrii* (for Almar, Pal).
(Artificial satellites--Tracking)

ABLOV, A.V.; PALADE, D.M.

Salts of dibromo- and carbonatodiphenanthrolinecobalt (III)ion.
Zhur.neorg. khim. 6 no.3:601-605 Mr '61. (MIRA 14:3)

1. Moldavskiy filial AN SSSR, Institut khimii.
(Cobalt compounds)

PAL, Endre, dr.

Review of case histories of adult patients in the district dispensary
of Szecseny. Tuberkulozis 14 no.11:335-338 N '61.

1. A szecsenyi jarasi tanacs tbc gondozointezet (Vezetos: Pal
Endre dr.) kozlemenye.

(TUBERCULOSIS statist)

PAL, Endre, dr.

Our tasks in the development of dispensary services for tuberculous patients. Nepegesszegy 43 no.1:15-18 Ja '62.

(TUBERCULOSIS hosp & clin)

PAL, Endre, dr.

Tuberculosis morbidity of the whole population. Tuberkulozis 15 no.4:
115-119 Ap '62.

1. A szecsenyi jarasi tbc gondozo intezet (vezeto-foorvos: Pal Endre
dr.) kozlemenye.

(TUBERCULOSIS statist)

PAL, Endre, dr.

Observations on 200 cases of recent tuberculosis in adults. Tuberkulozis
14 no.12:366-370 D '61.

1. A szecsenyi jarasi tanacs tbc gondozo intezete (vezetoorvos: Pal
Endre dr.) kozlomenye.

(TUBERCULOSIS statist)

PAL, Endre, dr.

4-year development of clinical work in the Szecsény district during 1954-1957. Tuberkulozis 13 no.1:19-23 Ja '60.

1. A Szecsényi Járási Tbc Gondozó Intézet (vezető orvos Pal, Endre, dr.) közleménye.
(TUBERCULOSIS hosp. & clin.)