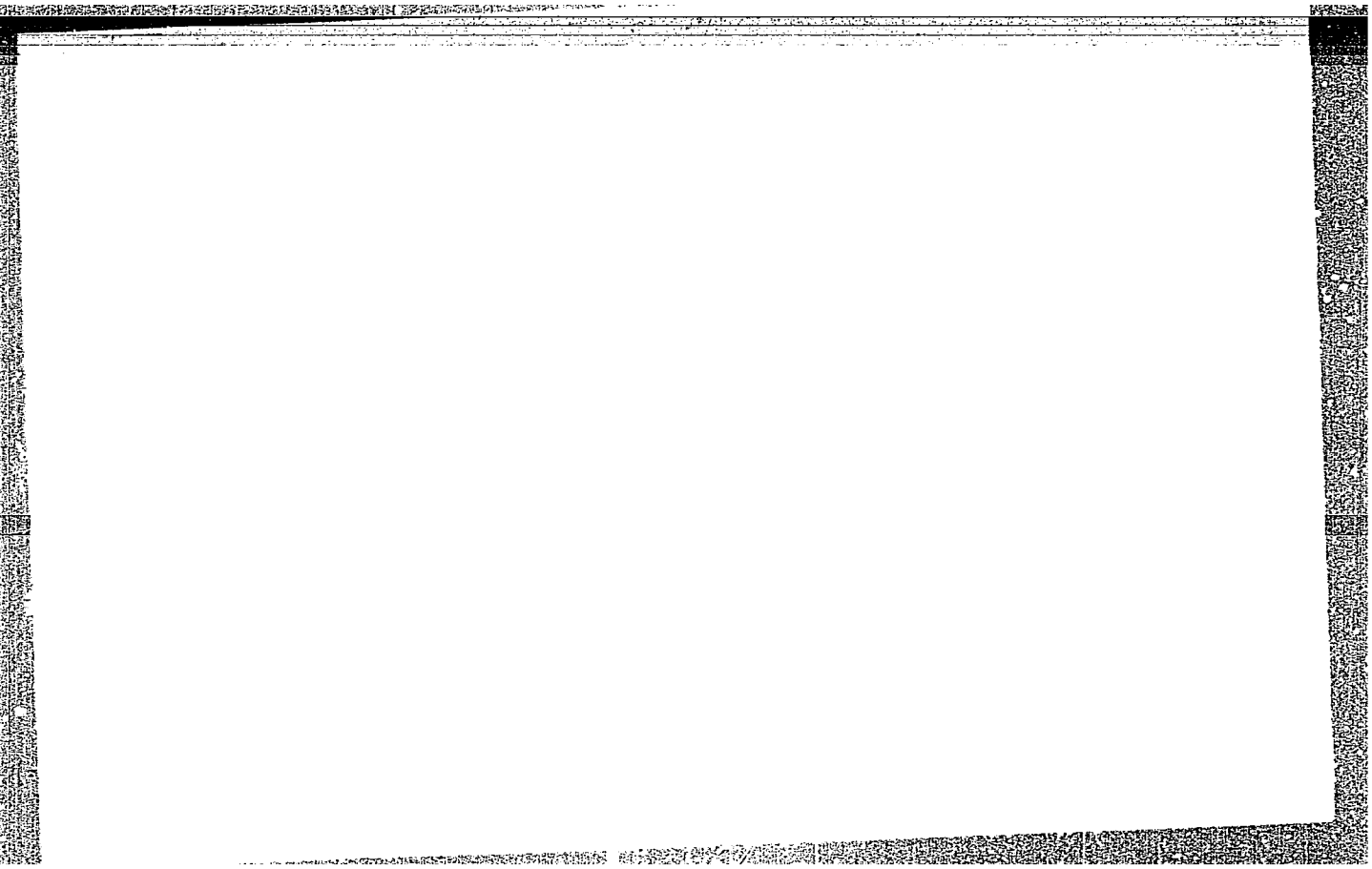
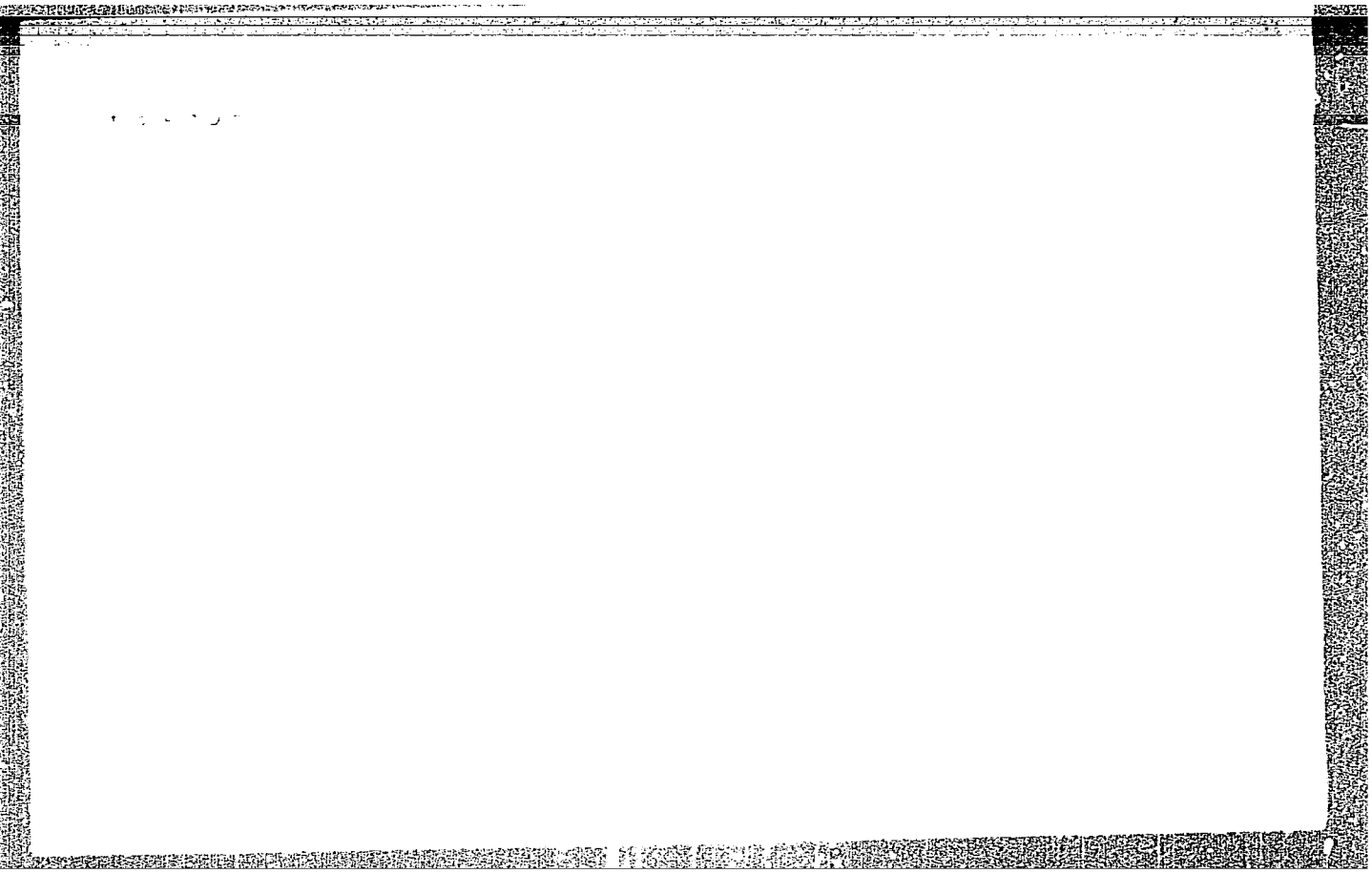


APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858530001-0"



CHERNYSHEV, Ye.A.; VANGNITS, Ye.V.; PETROV, A.D.

Synthesis of bis(organochlorosilyl) derivatives of naphthalene. Izv. AN SSSR. Ser. khim. no.10:1893-1895 O '64. (MIRA 17:12)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

VAN GORSEL, P.

With a theodolite through Mato Grosso; a report on measuring rivers in Brazil. p. 385.
(PRZEGLAD GEODEZYJNY, Vol. 12, no. 10, Oct. 1956, Poland).

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Uncl.

BERNGOV, B.[illegible], Inzh.; VAN-GAUT, Yu.N., kand. tekhn. nauk; YUKSEPOV, V.I., inzh.

Power cables with plastic coated aluminum strands and 1 kv. rating. Energ. i elektrotekh. prom. no.4:30-34 O-D '63. (MIRA 17:10)

PETKOVIC, Sava; VANIC, Dobrila

Male genital tuberculosis in the era of antibiotics. Tuberkuloza 16 no.1:22-28 Ja-F '64.

1. Uroloska klinika Medicinskog fakulteta u Beogradu (Upravnik: prof. dr. S. Petkovic); Institut za tuberkulozu SR Srbije (Direktor: prof. dr. M. Grujic).

VANIC, Dobrila, dr.

Pulmonary carcinoma as a diagnostic problem. Med. Glas. 18 no.9:260-262 S '64

1. Institut za tuberkulozu SR Srbije u Beogradu (Direktor prof. dr. M.Crujic).

YUGOSLAVIA

PUTNIK, Prof. Dr. Djordje; and VUKIC, Dr. Vojkrila, Institute for Tuberculosis of the Socialist Republic of Serbia (Institut za tuberkulozu SR Srbije) [Belgrade]

"Clinical Symptoms and Therapy of Pulmonary Mediastinal Localization of the Besnier-Boeck-Schaumann Disease"

Belgrade, Medicinski Glasnik, Vol 20, No 7, July 1966; pp 225-228

Abstract: Report of 5 patients treated in 1963 and 1964, all with prednisone 30 mg/daily for 1 to 2-1/2 month cycles with 1 month interruption, and 25 mg ACTH every 8 to 12 days plus tuberculostatics. Good results. Five detailed case reports; 1 Yugoslav, 11 Western references.

1/1

PUTNIK, Dj.; VANIC, D.

Bronchogenic carcinoma and pulmonary tuberculosis. Clinical picture and differential diagnosis. Tuberkuloza 17 no.1/2:97-103 Ja-Ap '65.

1. Institut za tuberkulozu SRS, Beograd (Direktor: prof. dr. Milic Grujic).

VANIC, Zdenko, dr.

Personnel policy in anti-tuberculotic dispensaries. Tuberkuloza, Beogr. 8 no.6:401-405 Nov-Dec '56.

1. Antituberkulozni dispanzer Doma narodnog zdravlja NO opcine Trnje u Zagrebu (sef dispanzera: dr Zdenko Vanic).
(PUBLIC HEALTH)
(TUBERCULOSIS, PULMONARY, prevention adnd control, in Yugosl., dispensaries (Ser))

VANICEK, F.; SIDLOVA, A.; KNEIFL, J.

Experiments with the preparation and conservation of biological supplement to deficient diets. Acta univ. carol. [Med] Suppl. 15:243-253 '61.

1. Hygienicky ustav lekarske fakulty University Karlovy se sidlem v Plzni, prednosta doc. MUDr. F. Vanicek.
(NUTRITION)

VANICEK, F.

How could western Bohemia contribute to the field of hygiene for the further development of a socialist society. Plzen. lek. sborn. 24:143-149 '64

1. Hygienicky ustav lekarske fakulty University Karlovy v Plzni (prednosta: doc. dr. F. Vanicek).

VANICEK, I.

VANICEK, I. Indexes of cost specification and the cost specification of the preliminary project. p. 377.

Vol. 4, no. 10, Oct. 1956
POZEMNI STAVBY
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

VANICEK, Jan, inz.

Design of the postal office at the railway station in Prague.
Cs spoje 7 no.8:14-16 Ag '62.

1. Spojprojekt.

VANICEK, J.; HAVELKA, K.

Air-cooled turboalternators. p. 25. (CZECHOSLOVAK HEAVY INDUSTRY, No. 10, 1956, Prague, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

VANICEK, J.

Examples of standardizing rolling mill equipment.

p. 877 (Hutnicke Listy) Vol. 12, no. 10, Oct. 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

VANICEK, J.; VAVRA, F.

"New air-cooled turboalternators."

ELEKTROTECHNIK, Praha, Czechoslovakia, Vol. 14, no. 5, May 1959

Monthly list of East European Accessions Index (EEAI), Library of Congress, Vol. 8, No. 8, August 1959

Unclassified

SVOBODOVA, Hana (Praha); VANICEK, Jiri (Praha)

Optimal control systems. Cas pro pest mat 85 no.3:345-356 Ag '60.
(EEAI 10:1)

(Automatic control) (Control systems)

VANICKOVA, Hana (Na bejisti 3, Praha 2); VANICEK, Jiri(Ke Karlovu 3, Praha 2)

The space of holomorphic functions. Cas pro pes mat 86 no.4:433-438 '61.

1. Fakulta strojniho inzenyrstvi Ceskeho vysokeho uceni technickeho, Praha(for Vanickova) 2. Matematicko-fysikalni fakulta Karlovy university (for Vanicek)

(Spaces, Generalized)

VANICEK, Jiri (Praha 2, Ke Karlovu 3)

Approximating sequences in Banach spaces. Cas pro pes mas 87 no.1:52-62 '62. (MIRA 15:7)

1. Matematicko-fysikalni fakulta Karlovy university.

S/044/62/000/011/032/064
A060/A000

AUTHOR: Vaníček, Jiří

TITLE: Biorthogonal systems and summing methods

PERIODICAL: Referativnyy zhurnal, Matematika, no. 11, 1962, 77, abstract 11B323 (Časop. pěstov. mat., 1962, v. 87, no. 1, 17 - 21; Czechoslovakian; summaries in Russian, English)

TEXT: A linear method of summing is called quasi-permanent, if its matrix $T = \{t_{ij}\}$ $(j<i;\ i = 1, 2, \ldots)$ obeys the condition

$$\lim_{j\to\infty} \sum_{j=k}^{i} t_{ij} = 1$$

for all $k = 1, 2, \ldots$. Certain simple facts are proven, relating to the summing of biorthogonal expansions by quasi-permanent methods.

M.I. Kadets

[Abstracter's note: Complete translation]

Card 1/1

VANICEK, Jiri (Praha)

"Inequalities" by Edwin F. Beckenbach, Richard Bellman.
Reviewed by Jiri Vacicek. Cas pro pest mat 88 no.3:378-380
Ag '63.

VANICEK, Josef, inz.

Possibilities for better use of the rolling stock by increasing the service life of the wheels. Uhli 5 no.11: 379-382 N '63.

1. Vyzkumny ustav pro hnede uhli, Most.

VANICEK, Josef, inz.

Problems of calculating specific standards of consumption of spare and quickly worn-out parts of basic machinery in lignite mines. Zpravodaj Ust uhli Most no. 1/2:3-7 '64.

1. Institute of Lignite Research, Most.

VANICEK, L.

Protection against atomic weapons. p. 350.
(KRIDLA VLASTI, vol. 15, July 1955, Praha)

SO: Monthly List of East European Accessi n,(EPAL), LC, Vol. 4, No. 11, Nov. 1955, Uncl.

CZECHOSLOVAKIA
10 Aug 63

VANICEK, Oldrich

Engr, from East Bohemian Kraj committee of the KSC, author of an article on the purchase of animal products.

Pochoden, Hradec Kralove, 10 Aug 63, p 2.

(1)

L 1643-66 EPF(c)/EWP(i)/EWP(t)/EWP(b) IJP(c) JD/WB

ACCESSION NR: AP5024325 CZ/0037/64/000/006/0548/0551

AUTHOR: Volenik, Karel; Vanicek, Oldrich

TITLE: Contribution to the structure of oxide layers on steel

SOURCE: Ceskoslovensky casopis pro fysiku, no. 6, 1964, 548-551

TOPIC TAGS: steel, metal oxidation, oxide formation

ABSTRACT: Reported are results of a research concerning some properties, including the structure of oxide layers, originating at temperatures up to 400 degrees centigrade on a cold-rolled steel strip. Three oxidation stages were found and described. Orig. art. has: 4 figures.

ASSOCIATION: Statni vyzkumny ustav ochrany materialu, Prague (State Research Institute for the Protection of Materials)

SUBMITTED: 11Jun64	ENCL: 00	SUB CODE: MM
NR REF SOV: 002	OTHER: 005	JPRS

Card 1/1

L 20591-66 EPF(n)-2/EWP(t) IJP(c) BS/JD/RW/JG

ACC NR: AP6012007 SOURCE CODE: CZ/0038/65/000/011/0411/0415

AUTHOR: Karnikova, Eva; Vanicek, Oldrich--Vanichek, O.

ORG: State Research Institute on Conservation of Materials, Prague (Statni ustav ochrany materialu)

TITLE: Investigation of uranium and zirconium compatibility by means of a micro-analyser with electron probe

SOURCE: Jaderna energie, no. 11, 1965, 411-415

TOPIC TAGS: uranium, zirconium, metal diffusion, heat of activation, activation energy

ABSTRACT: Quantitative investigations were made of uranium and zirconium diffusion. The principle of measurement and evaluation using Casting's microanalyzer is discussed. The diffusion coefficient, activation energy, and activation heat of the process in the temperature range from 500 to 900°C were calculated. The paper was presented by Vl. Kraus. Orig. art. has: 9 figures and 1 table. [NA]

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 012

Card 1/1 BK

UDC: 621.039.548.533: 669.29.017: 548.526

Czechoslovakia/Chemical Technology. Chemical Products and Their Application -- Lacquers. Paints. Drying oils. Siccatives, I-22

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6177

Author: Vanicek, Otakar

Institution: None

Title: Production Prospects of Film-Forming Substances Based on Synthetic Resins

Original Publication: Chem. prumysl, 1956, 6, No 4, 152-156

Abstract: There are considered the chemical structure and production methods of film-forming substances by copolymerization of drying oils (I) with maleic anhydride, styrene, by combining rosin with phenolic resins, alkylphenol resols with I, polyester resins with I, epoxy-resins with melamine resins, etc.

Card 1/1

H-30

VANICEK, OTAKAR

CZECHOSLOVAKIA/Chemical Technology, Chemical Products and Their Application, Part 4. - Varnishes, Paints, Paint Coatings.

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34486.

Author : Otakar Vanicek, Vladimir Civin, Václav Taborsky.
Inst : Not given.
Title : Effect of Chemically Polluted Atmosphere on Drying of Varnish Paint Coatings.

Orig Pub: Chem. průmysl, 1957, 7, No 5, 273-276.

Abstract: It was found in the result of studies of the drying rate of 14 varnish paint coatings in an atmosphere containing (in % by volume) 0.1 of SO_2, 0.001 to 0.002 of HCl, 001 of H_2S, and 0.5 of NH_3 that these chemical impurities do not noticeably influence the drying rate of butyric alkyd enamels (lithopone pig-

Card : 1/2

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- Varnishes, Paints, H-30

and others), of enamels based on the mixture (2 : 3) of chlorinated rubber and butyric alkyd resin (Zn yellow pigment + talc and others), of chemical ground coating on the base of H_3PO_4 + polyvinylbutyral ($ZnCrO_4$ pigment + talc), of enamels on the base of vinyl-chloride and vinylacetate copolymer (plasticizer - tricresylphosphate, pigment - Pb minium). The drying rate of coatings of oil enamels pigmented with Pb minium drops sharply in such an atmosphere.

Card : 2/2

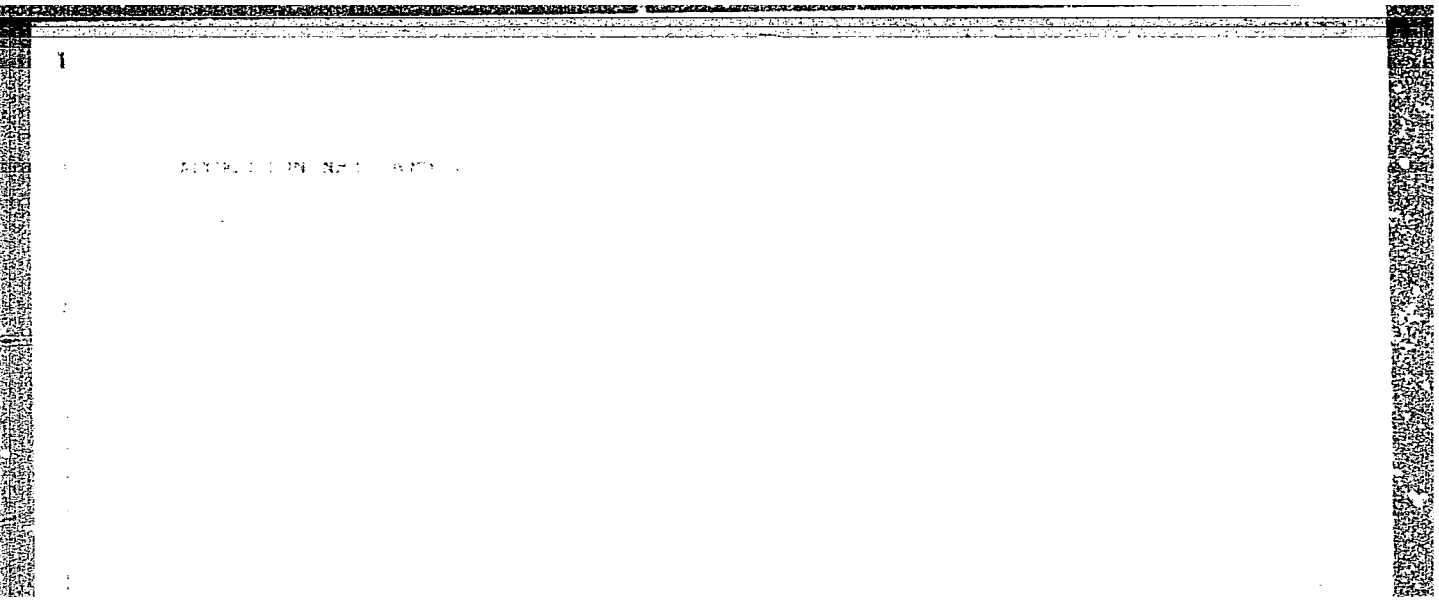
O. VANICEK'S

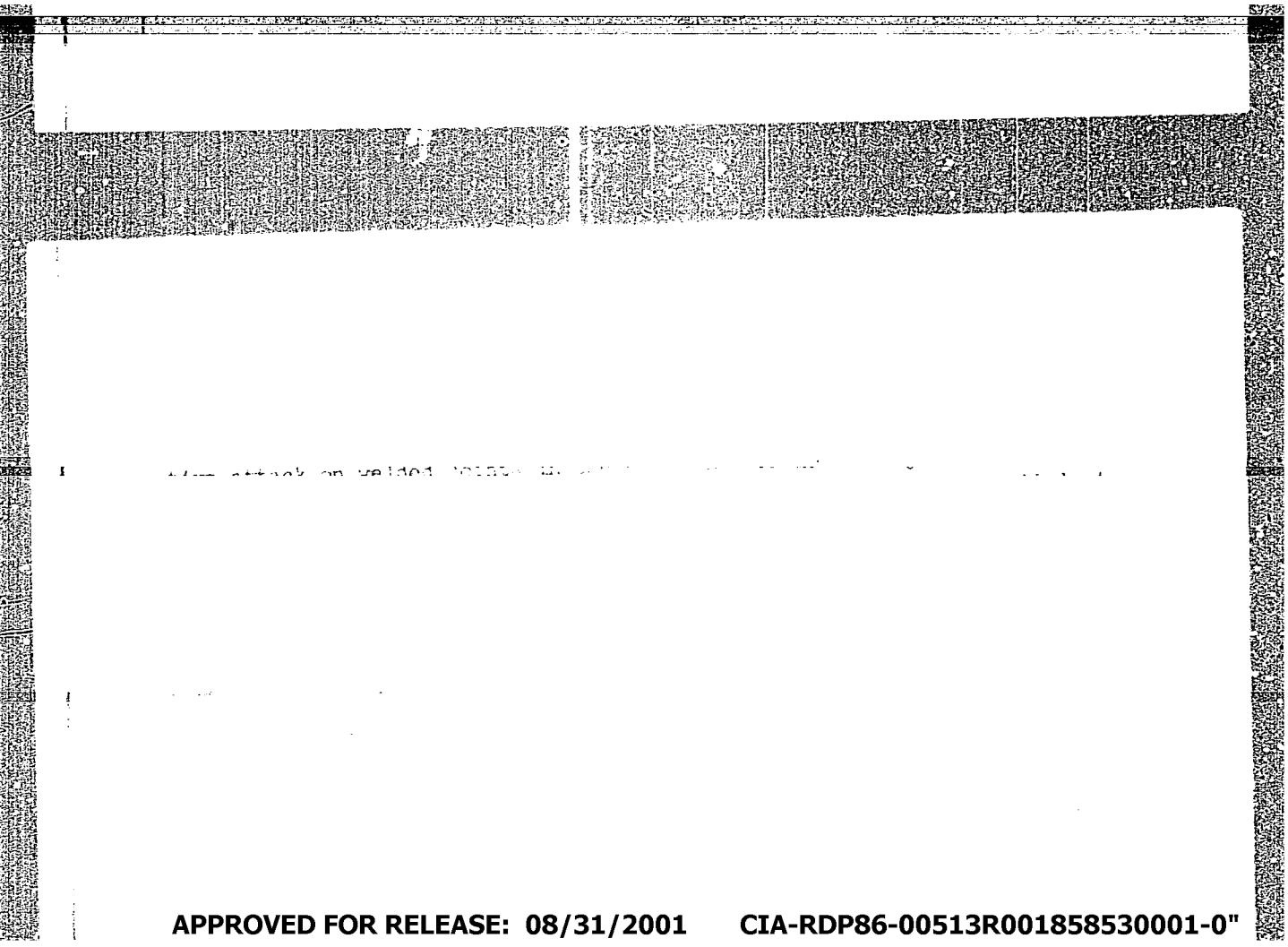
TECHNOLOGY

PERIODICAL: CHEMICKY PRUMYSL, VOL. 11, no.3, 1958

O. Vanicek's. Ochrane natery (Protective Coatings); a book review. p. 5[illegible].

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 5, May 1959, Unclass.





VANICEK, Petr, inz.

Use of complex numbers for alignment of polygonal courses.
Aplikace mat 9 no.3:226-231 '64.

1. Mathematical Laboratory, Czech Higher School of Technology, Prague 2, Horska 3. Submitted September 26, 1963.

L 36174-66

ACC NR: AT6016644 SOURCE CODE: CZ/2512/64/012/000/0041/0065

AUTHORS: Kabelac, Josef; Vanicek, Petr

ORG: Czech Technical University, Prague

TITLE: Using the equal-altitude method to calculate deviations from the vertical on automatic computers from astronomical data

SOURCE: Ceskoslovenska akademie ved. Geofysikalni ustav. Geofysikalni sbornik, v. 12, 1964. Prague, 1965. Prace, no. 196-214, 41-65

TOPIC TAGS: algorithm, automatic computer programming, algorithmic language, equal altitude method

ABSTRACT: A program has been drawn up for the URAL1 AND URAL2 automatic computers using the equal-altitude method to calculate from astronomical data deviations from the vertical and geographical coordinates and the time correction for the radio time signal. Certain theoretical problems were solved both in the formulation of the calculation of the apparent places and in the logical structure of the program for the use of certain equations. The article gives the general text of the program of these problems for an arbitrary computer and the use of ALGOL (Algol Repport, Chiffres 3, 1960; H. Bottenbruch,

Card 1/2

L 36174-66
ACC NR:AT6016644

Structure and Use of Algol 60. Journ. of the Assoc. for Computing Machinery, No. 2 (1962). The most economical formulation possible of generally valid relations is given. The first part of the article gives the general relations necessary for the calculation. The second part describes the specific program, the order of the calculations, and the separation of the formulas in the use of the ALGOL system. The authors thank I. Bauersima, Member of the Observatory of Astronomy and Geophysics of the Czech Technical University for the valuable comments and cooperation in the formulation of the algorithm of the calculations. Orig. art. has: 26 formulas and 6 tables. [NT]

SUB CODE: 03, 09/ SUBM DATE: 03Mar64/ ORIG REF: 004/ OTH REF: 003/

Card 2/2 mlp

VANICEK, V.

The importance of a good water economy for a healthy countryside. p. 86.

Vol. 4, no. 3, Mar. 1954
VODNI HOSPODARSTVI
Preha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 8, August 1956

30533

S/564/61/003/000/001/029
D231/D304

5 1150

AUTHORS: Ship, V., and Vanicbek, V. (Czechoslovak Socialist Republic)

TITLE: New elements of equipment for growing monocrystals from solutions

SOURCE: Akademiya nauk SSSR. Institut kristallografii. Rost kristallov, v. 3, 1961, 265-272

TEXT: This is a summary of work carried out at the Minerals Research Institute at Turnov. The authors studied in detail the factors affecting crystal growth: the heat of the system, the composition of the solution, supersaturation, movement of the solution, the nature of the "primer" and the apparatus itself. The effect of impurities on the growing crystal was eliminated by using spectro-graphically standardized salts. Of the factors listed, movement of the solution relative to the growing crystal (and vice versa) and programmed temperature lowering of the solution receive special notice. Speed of rotation, time of rotation in one

Card 1/3

New elements of...

direction or the other, reversing at regular intervals, have an important bearing on satisfactory crystal cultivation. Speeds of rotation ranged from 10 to 30 rpm and the periodicity from 0.5 to 1.5 min. In order to attain the desired conditions, an electronic switching apparatus was devised for use with a motor driven by a.c., a circuit diagram being included in the article. Mokiyevskiy described a planetary movement for growing symmetrical crystals. The authors describe two arrangements for moving the crystal and the solution: the first by periodically reversing the rotation of the crystal and the second by using a gear which imparts a spiral motion to the crystal. The shape of the crystal-holder, the height and speed of ascent could all be varied to change the crystal growing conditions. Symmetrical laving of all the faces of the growing crystal was realized, and perfect crystals were a practical possibility. In order to grow high quality crystals there must be little or no temperature fluctuation, but the temperature drop must be very carefully controlled for programmed changes. Contact thermometers, mark "Vertex," were found to be quite satisfactory. Multiple units with as many as 20 crystallizers were set up, regulated by a single control gear. The

Card 2/3

New elements of...

heating element consisted of six iron wires in parallel set in the base of the thermostat. The current input was 7 kw at a potential of 24 volts, the control gear for the thermostat being adapted to regulate the temperature which in turn was registered by a group of four contact thermometers motivated by a pulsator with step-counter mechanism. If one contact thermometer should fail, the others come into operation, so that in the end the temperature drop could be closely controlled within the range 0.1 - 3° per 24 hours, 9100 impulses being applied. Some difficulty was experienced when the authors went over to independent temperature control of the different crystallizers, and it was at this stage that the multiple crystallizer was designed. Semi-automation could thus be introduced and personnel released for other service. The work should be of particular significance in industrial single crystal growing; crystals, it is stated, grown by means of automatic operation are of the highest quality. Engineers Shmid, Gnizdil, Kvapil, Vartsl and the personnel of the Mechanical Department played an active part in the work. There are 8 figures and 7 Soviet-bloc references.

Card 3/3

4

VANICEK, VLASTIMIL

Silnice a krajina; biologicke upravy komunikaci. (Vyd. 1.) Praha, Statni nakl. technicke literatury, 1956. 176 p. (Ucebni texty vysokych skol) (Roads and landscape: biological roadside improvement; a university textbook. 1st ed.) DA Not in DLC

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

VANICEK, Vaclav, ing.

Examination of the production technology in open hearth furnaces with regard to the lowest sulfur content in steel. Hut listy 18 no.10:708-711 O '63.

1. Nova hut Klementa Gottwalda, Ostrava-Kuncice.

V

VANICEK, Vaclav, inz.

Compound teeming of rimming steel in molds. Hut listy 19 no. 4: 235-239 Ap '64.

1. Nova hut Klementa Gottwalda, Ostrava-Kuncice.

VANICEK, Vaclav, inz.

Effect of the technological parameters of blooming mills and steel mills on the quality of low-carbon pipes. Hut listy 19 no.8:574-577 Ag '64.

1. Nova hut Klementa Gottwalda, Ostrava-Kunčice.

L 3754-66 EWP(t)/EWP(b) JD

ACCESSION NR: AP5027815 CZ/0057/65/000/001/0012/0018

AUTHOR: Vanicek, Vaclav (Engineer)

TITLE: Influence of important technological factors upon the location of the subsurface bubbles in nonstilled steels

SOURCE: Hutnik, no. 1, 1965, 12 - 18

TOPIC TAGS: steel, aluminum, metal melting, slag

ABSTRACT: The most important factor influencing location of the bubbles is the oxygen content, 28 typical cases of bubble formation are discussed, and their photographs shown. Content of C and Mn in the metal, and of FeO in the slag are evaluated. Stilling with aluminum is discussed. Orig. art. has: 28 figures.

ASSOCIATION: NHKG, Ostrava

SUBMITTED: 00 ENCL: 00 SUB CODE: MM

NO REF SOV: 000 OTHER: 000 JPRS

Card 1/1 Semi stilled steels

L 21360-66 EWP(t) JD

ACC NR: AP6010888 SOURCE CODE: CZ/0034/65/000/008/0552/0558

27

AUTHOR: Vanicek, Vaclav (Engineer)

ORG: Klement Gottwald Nova Hut Iron Works, Ostrava-Kunoice (Nova hut Klementa Gottwalda)

TITLE: Effect of sulfur content, decarburizing rate, and FeO content in the slag on the surface quality of killed carbon steel tubes

SOURCE: Hutnicke listy, no. 8, 1965, 552-558

TOPIC TAGS: slag, sulfur, iron oxide, metal tube, carbon steel, metallurgic furnace, metal rolling, metal surface

ABSTRACT: The content of sulfur has a great influence upon the surface quality of the tubes. In the author's works the method of operation is such that only when the content of S falls below 0.023% does the quality of the surface improve; with a further decrease in this content, the quality increases as an exponential function. However, the lowest level obtained at the works up to now is 0.018%. This is due to the quality of the raw materials used at the works. To lower this content it would at least be necessary to remove the S from the fuel oil. Although the lowering of the S content would decrease the plant capacity, it would improve the operation in the rolling mills. The furnaces in the works that could be used for operating at lower S levels are discussed. Orig. art. has: 2 figures and 7 tables. [JPRS]

SUB CODE: 11, 13 / SUBM DATE: none UDC: 660-462: 669.14.141.241.2

Card 1/1

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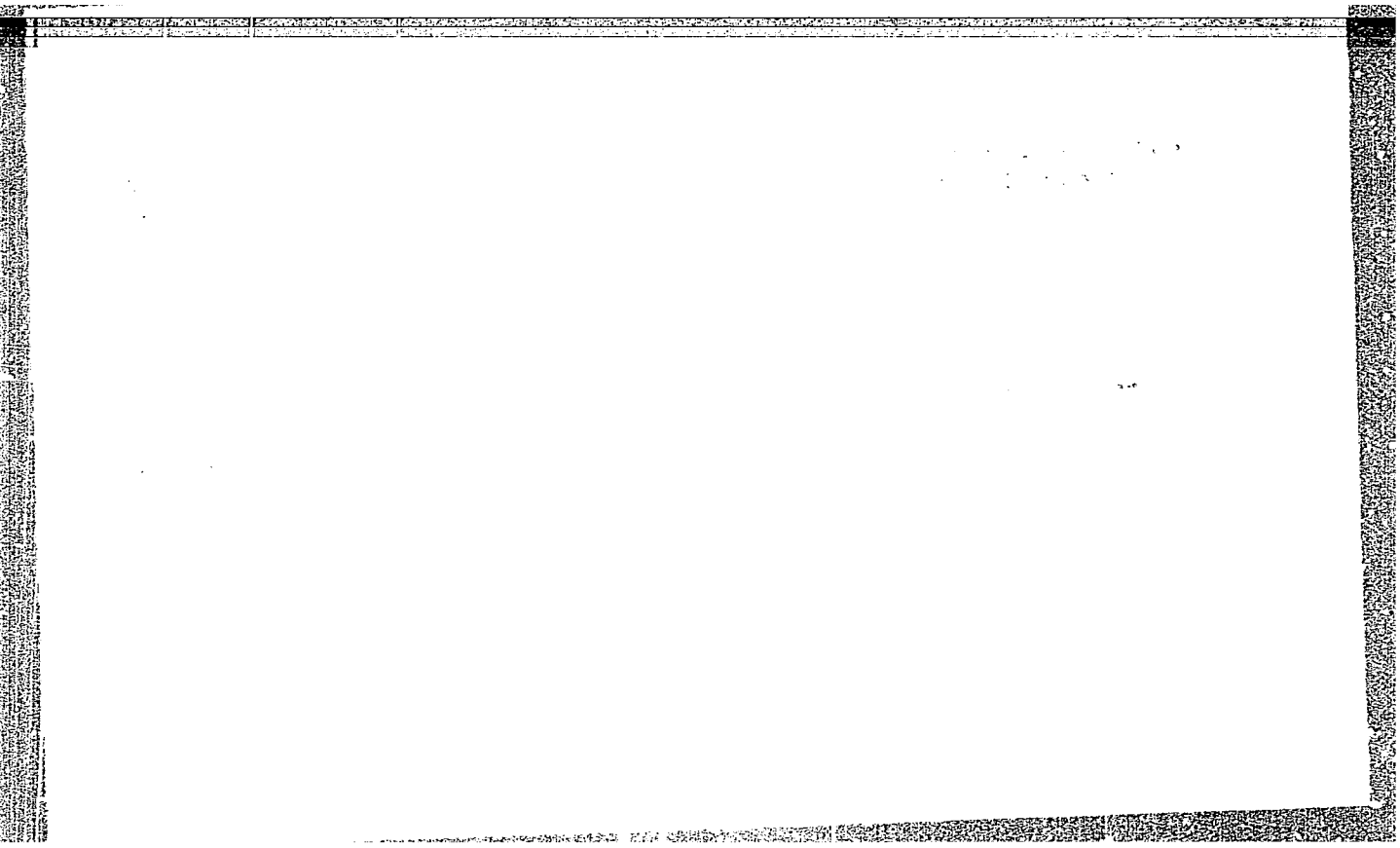

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RASHKOVA, Ye.; VANICHEK, Yu.; KNESSLOVA, V.

Pharmacology of streptolysin "O." Farm.i toks. 22 no.6:526-527 N-D '59. (MIRA 13:5)

1. Kafedra farmakologii pediatricheskogo fakul'teta Universiteta imeni Karla i farmakologicheskaya laboratoriya Khimicheskogo instituta Chekhoslovatskoy akademii nauk, Praga.
(HEMOLYSIS AND HEMOLYSINS)
(BRAIN)

VANICHEV,A.P. i KNORRE, G.F.

"Obobshchennyye raschetnyye formuly gazovogo analiza,"
izd. BNT, 1946

VANICHEV, A.P.

"Termodinamicheskiy raschet goreniya i istecheniya v oblasti vysokikh temperatur," izd. BNT, 1947

GURVICH, A.M., SHAULOV, Yu.Kh; VANICHEV, A.P., professor, redaktor; YASTREBOV, V.V., redaktor; MIKHAYLOVA, T.A., tekhnicheskiy redaktor.

[Thermodynamic investigations by the method of explosion and computation of combustion processes] Termodinamicheskie issledovaniia metodom vzryva i rashchety protsessov goreniia. [Moskva] Izd-vo Moskovskogo univ. 1955. 162 p. (MLRA 8:11)
(Combustion) (Explosions)

VANICHEV, M.I.

KHUSHINSKIY, L.V., doktor biologicheskikh nauk; MERKUR'YEVA, Ye.K., kandidat sel'skokhozyaystvennykh nauk; IZRAILEVICH, I.Ye., kandidat veterinarnykh nauk; IL'INSKIY, S.A., veterinarnyy vrach; IN'KOV, N.M., veterinarnyy vrach; STOGOV, K.S., veterinarnyy vrach; VANICHEV, M.I., veterinarnyy vrach; MAZOVER, A.P., veterinarnyy vrach; ORLOV, A.P., veterinarnyy vrach; RYLOV, V.V., teterinarnyy vrach; SAKHAROV, N.A., veterinarnyy vrach; DIKAREV, P.I., redaktor; MUSHTAKOVA,L., tekhnicheskiy redaktor

[The working dog; manual for training specialists in raising work dogs] Sluzhebnaia sobaka; rukovodstvo po podgotovke spetialistov sluzhebnogo sobakovodstva. Moskva, Gos. izd-vo selkhoz. lit-ry, 1952. 616 p. (MLRA 10:1)
(Dogs--Training)

VANICHEVA, G.V.; BABICHEVA, M.I.; KULMANEN, E.V.; SHIVRIN, O.N.

Dependence of microhardness on loading. Fiz. met. i metalloved. 17 no.2: 234-236 F '64. (MIRA 17:2)

1. Petrozavodskiy gosudarstvenny universitet.

AUTHORS: Shchukarev, S.A., Oranskaya, M.A., Tolmacheva, T.A., Vanicheva, L.L. SOV/ 78-3-7-2/44

TITLE: The Thermal Dissociation of Gold Bromide (Termicheskaya dissotsiatsiya bromidov zolota)

PERIODICAL: Zhurnal neorganicheskoy khimii, 1958, Vol. 3, Nr 7, pp. 1478-1482 (USSR)

ABSTRACT: In the course of the present work the dissociation of $AuBr_3$ in the temperature interval 350-450°K was investigated according to two static methods: with the isoteniscope and with the isoteniscope with glass membranes. Gold bromide is produced by the action of bromine upon pulverized gold. In connection with this dissociation it was found that disintegration develops with the forming of AuBr and the oxidation of monobromide. For the dissociation of $AuBr_3$ it holds that: $\lg P_{Br_2} = 8{,}99 - \frac{4052}{T}$ (360-450°K) and for the dissociation of AuBr it holds that: $\lg P_{Br_2} = 7{,}39 - \frac{3532}{T}$ (360-450°K). On the strength of the results obtained the enthalpy and enthropy of the formation of AuBr and

Card 1/2

The Thermal Dissociation of Gold Bromide SOV/78-3-7-2/44

$AuBr_3$ were calculated for the interval of 350-450°K. The temperature dependence of the energy liberated during the formation of gold halides is given. Radiograms of gold, AuBr and $AuBr_3$ were taken. During the dissociation of gold monobromide the lines of gold and not disintegrated $AuBr_3$ were detected in the samples. It was confirmed by Debyegrams that AuBr is dissociated at low temperatures. It was shown that at temperatures below 325°K AuBr is disproportionated to $AuBr_3$ and Au, and that at room temperatures it exists only in a metastable state. There are 2 figures, 5 tables, and 10 references, 4 of which are Soviet.

SUBMITTED: June 1, 1957

1. Gold bromide--Decomposition 2. Gold bromide--Temperature factors
3. Gold bromide--Preparation 4. Radiography--Applications

Card 2/2

VANICHEVA, L.L.; SHMITT-FOGELEVICH, S.P.

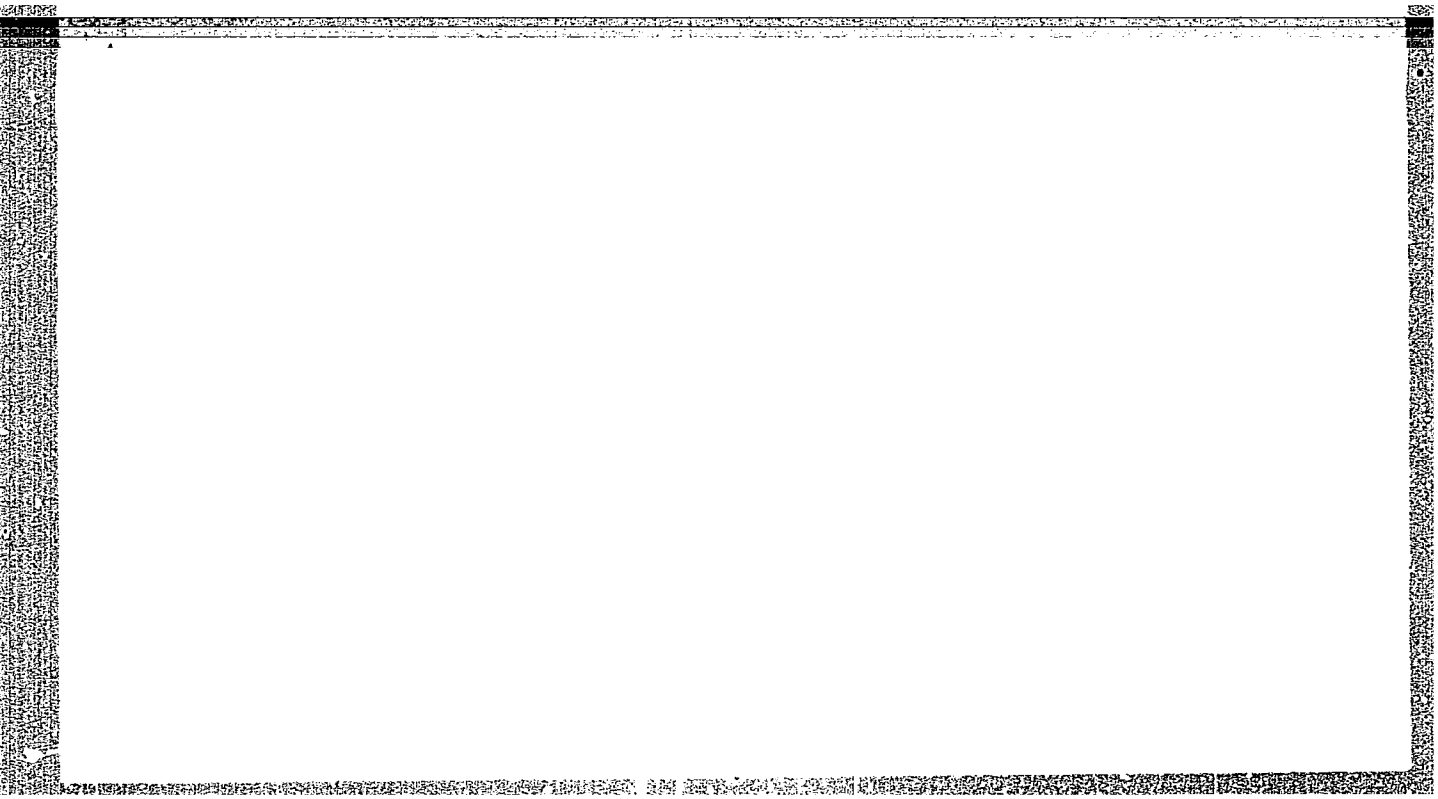
Rapid determination of the insoluble residue in clay-alumina cake.
Ogneupory 29 no.10:475-477 '64. (MIRA 18:7)

1. Vsesoyuznyy institut ogneuporov.

VANICHKIN, B.A., inzh.; FAYNERMAN, I.A.

Possibility of automatic control of the suspension-separation process in centrifuges. Mekh. i avtom.proizv. 15 no.3:26-27 Mr '61. (MIRA 14:3)

(Automatic control) (Centrifuges)



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MARSALEK, B.; VANICKOVA, A., inz.

Production of sewer clay pipes abroad. Stavivo 41 no.1:28-32 Ja '63.

VANICKOVA, A., inz.

Radiation gas drying of building ceramics. Stavivo 41 no.3:108-109 Mr '63.

VANICKOVA, A., inz.

Development of the mosaic ceramic production. Stavivo 41 no.4:148-149 Ap '63.

VANICKOVA, A., inz.

Expanded perlite production. Stavivo 41 no.5:187-188 My '63

VANICKOVA, A., inz.

Ultrasonic defectoscopy of ceramic products. Stavivo 41 no.6: 228-229 Je '63.

VANICKOVA, A., inz. ; TOMAN, J.

Dressing of siliceous earth for filtration purposes. Stavivo 42 no.7:272-273 Jl'64

VANICKOVA, Alena, inz.

Some information on the production of once-fired tiles abroad. Sklar a keramik 13 no. 12: 331-332 D '63.

1. Oborove sdruzeni keramikly, Praha.

Vanickova E.

Czechoslovakia/Analytical Chemistry - Analysis of Organic Substances G-3

Abs Jour : Referat Zhur - Khimiya, No 3, 1957, 8615

Author : Budesinsky, B. and Vanickova, E.
Inst : Not given
Title : The Application of Complexometric Titration to Pharmaceutical Analysis. XVIII. The Selective Determination of Quinine Hydrochloride.

Orig Pub : Ceskosl. farmac., 1956, Vol 5, No 5, 277-279 (in Czech with summaries in German, Russian, and English)

Abstract : The determination of quinine hydrochloride (I) is based on its precipitation from a mixed acetone (II) and benzene (III) solution with a freshly prepared $CaCl_2$ solution; the precipitate is filtered, dissolved in water, and titrated with complexone III (IV). A 10-50 mg sample is dissolved in 3 ml II, and 3 ml III (or toluene) and 2 ml 0.05 M $CuCl_2$ in II are added to the solution. The precipitate which is formed is filtered through an A3 crucible, washed three times with a mixture of II and III (1:1), and dissolved in ~50 ml boiling water. The solution is cooled, 6 drops of 25% ammonia and ammonium purpurate are added, and the solution titrated

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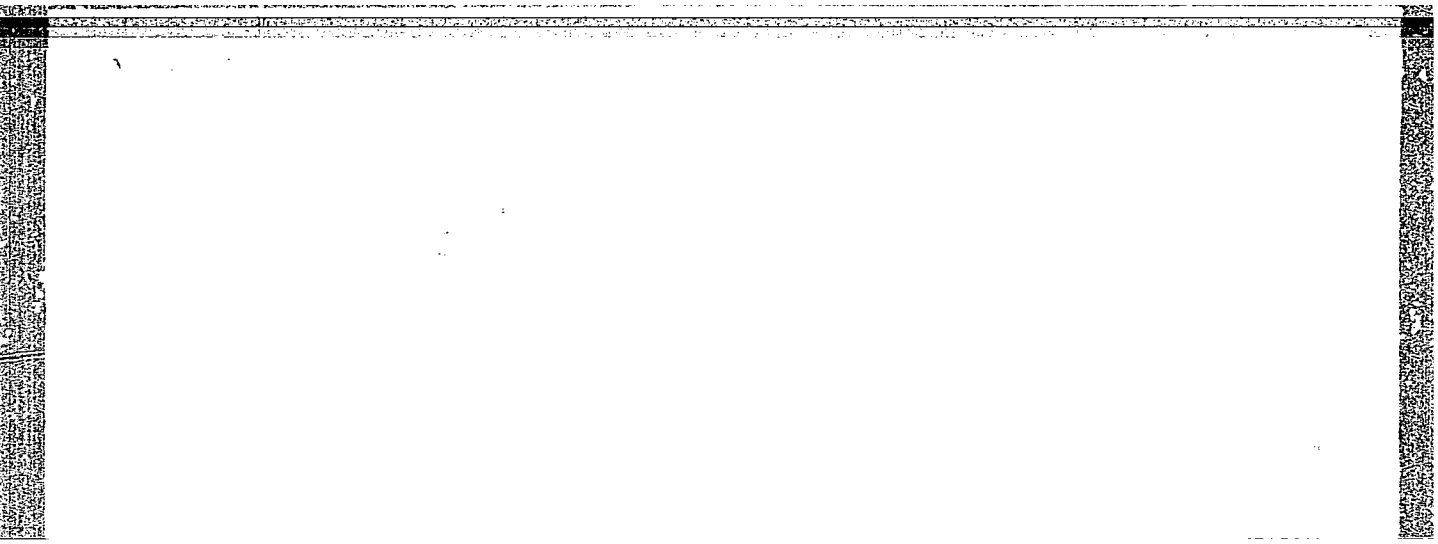
-55-

Abs Jour : Referat Zhur - Khimiya, No 3, 1957, 8615

with 0.01 M IV to a reddish-violet end point. The precipitate which is formed has the composition $(C_{20}H_{25}N_2O_2)\cdot CuCl_2\cdot xCH_3COCH_3$; on heating to 60° under vacuum, the combined II is given off and the precipitate melts at 156°. The determination of I by the above-indicated method has been carried out in mixtures with cinchonine, ephedrine, and papaverine hydrochloride, quinidine sulfate, acetylsalicylic acid, phenacetine, caffeine, and codeine phosphate. When ascorbic acid is present, it is removed in the form of a precipitate insoluble in II and III. For Communication XIV see RZhKhim, 1957, 1298.



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Czechoslovakia/Analytical Chemistry - Analysis of Organic Substances, G-3

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1298

Author: Budesinsky, B., and Vanickova, E.

Institution: None

Title: Complexometric Titration in Pharmaceutical Analysis XIV. Indirect Determination of Theophylline, Theobromine, Quinine, "Analergin," and "Divaskol"

Original Periodical: Ceskosl. farmac., 1956, 1956, Vol 5, No 2, 77-80 (published in Czech with summaries in German, English, and Russian)

Abstract: A method has been developed for the determination of theobromine (I), theophylline (II), quinine (III), "analergin" (antispasmine) (IV), and "divaskol" ("priskol") (V), based on the precipitation of these substances with a known amount of potassium iodobismuthate (VI), filtration of the precipitate, and back titration of the excess bismuth in the filtrate with a complex (VII); 60-120 mg I (or 150-200 mg V, 100-160 mg III or the sulfate of IV) are dissolved in 10 ml water and

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1298

Abstract: one milliliter concentrated HCl (VIII). Five milliliters of 0.25 M VI are added to the solution and the volume adjusted to 25 ml with water. The mixture is shaken and filtered (in the case of I the mixture is allowed to stand for 10 minutes). The first 5 ml of filtrate are discarded. To 10 ml of the filtrate are added one milliliter of 0.1 N $Na_2S_2O_3$ and 5 ml of an acetate buffer (pH 4.5) and the solution is titrated with 0.05 M VII until the yellow color disappears. For the determination of II, 70-75 mg of the substance are dissolved in 5 ml water and one milliliter of VIII; VI is added and the volume adjusted to 25 ml with a saturated solution of Na_2SO_4. A blank is run simultaneously. The described method permits the determination of the above-indicated substances in mixtures with barbiturates, salicylates, citrates, phenacetines, and ascorbic acid. For the determination of I in the presence of salts of intermediate and strong bases, the latter must first be precipitated with a 0.25 M solution of mercuric potassium iodide. VI forms constant composition precipitates with I, II, and III at pH 1.2-1.5, and with IV and V at pH 1.2-2.1. The precipitate has the following composition: $I[(C_7H_8O_2N_3)H]_4(BiI_4)_4BiI_3$, $II[(C_7H_8O_2N_3)H]_4(BiI_4)$, the hydrate of $III[(C_{20}H_{24}O_2N_2)H_2]_4(BiI_4)_5I_3$ hydrochloride,

Czechoslovakia/Analytical Chemistry - Analysis of Organic Substances, G-3

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1298

Abstract: IV $[(C_{17}H_{19}N_3)H_2]_4(BiI_4)_3I_5$ sulfate, V $[(C_{10}H_{12}N_2)H]_3(BiI_4)_2I$. For Communication XIII see Referat Zhur - Khimiya, 1956, 36157.

Card 3/3

VANICKOVA, Hana (Na bojisti 3, Praha 2); VANICEK, Jiri(Ke Karlovu 3, Praha 2)

The space of holomorphic functions. Cas pro pes mat 86 no.4:433-438 '61.

1. Fakulta strojniho inzenyrstvi Ceskeho vysokeho uceni technickeho, Praha(for Vanickova) 2. Matematicko-fysikalni fakulta Karlovy university (for Vanicek)

(Spaces, Generalized)

VRUBEL, J.; LISKA, M.; CERVINKA, F.; PAVLIK, F. Technicka spoluprace: KOLCOVA, M.; VANICKOVA, J.

The influence of lymphatic fistulae on the development of transplantation immunity. Rozhl. chir. 44 no.5:347-350 My'65.

1. Ustav klinicke a experimentalni chirurgie v Brne (predstaveni: prof. dr. B. Spacek, DrSc.).

L 12908-66 EWP(j)/ETC(m) WW/RM

ACC NR: AP6005651 SOURCE CODE: CZ/0079/65/007/002/0160/0161

AUTHOR: Ehrlich, V.; Metelka, M.; Vanickova, M.

ORG: Institute of Hygiene, Prague; Neurosurgical Department, Medical School, Charles University, Prague

TITLE: Final modification of our method of implanting electrodes for recording potentials from deep CNS structures [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 160-161

TOPIC TAGS: central nervous system, electrophysiology, electrode

ABSTRACT: The field of operation can be covered up and healed, and thereby infection is eliminated. Silver wire insulated with Teflon is fixed to the hole in the skull with Duracryl; close to the skull the wire is bare and is bent caudally and fastened with a silver wire to the crista. Leads are fixed to the crista and outside of the body are contained in a PVC tube. The PVC tube is contained in a silicon tube which is inert to the tissue. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 HW

GANZ, V. Technical assistance: HRABETOVA,J.; VANICKOVA,V.

The effect of adrenaline on the relationship between oxygen need and supply in the myocardium. Cor. vasa 6 no.2:142-146 '64.

1. Institute for Cardiovascular Research, Prague.

VANICKOVA, Vera; MANDELIKOVA, Milena; LANGROVA, Marketa

Foreign standards. Normalizace 11 no.2:62-72 F '63.

VANICKOVA, Vera; MANDELIKOVA, Milena; LANGROVA, Marketa

Foreign standards. Normalizace 11 no.6:193-204 Je '63.

VANICKOVA, Vera; LANGROVA, Marketa; CEJNAROVA, Ada, inz.;
MANDELIKOVA, Milena

Foreign standards. Normalizace 11 no.7:232-236 Jl '63.

VANICKOVA, Vera; MANDELIKOVA, Milena; LANGROVA, Marketa; GEJNAROVA, Ada, inz.

Foreign standards. Normalizace 11 no.8:258-264 Ag '63.

VANICKOVA, Vera; MANDELIKOVA, Milena; LANGROVA, Marketa; CEJNAROVA, Ada, inz.

Foreign standards. Normalizace 11 no.10:333-339 O '63.

VANICKOVA, Vera; MANDELIKOVA, Milena; LANGROVA, Marketa; CEJNAROVA, Ada, inz.

Foreign standards. Normalizace 11 no.11:361-376 N'63

VANICKOVA, Vera; MANDELIKOVA, Milena; LANGROVA, Marketa; CEJNAROVA, Ada, inz.

Foreign standards. Normalizace 12 no.1:30-32 Ja'64.

VANICKOVA, Vera; MANEGLIKOVA, Milena; LANGROVA, Marketa; CEJNAROVA, Ada, inz.

Foreign standards. Normalizace 12 no.2: 51-60 F'64

VANICKOVA, Vera; MANDELIKOVA, Milena; LANGROVA, Marketa; CEJNAROVA, Ada, inz.

Foreign standards received by the Office of Standardization and Measurement in August and September 1963. Normalizace 12 no. 4: 102-120 Ap '64.

VANICKOVA, Vera; MENDELIKOVA, Milena; LANGROVA, Marketa; CERNAKOVA, Ana, ing.

Foreign standards. Normalizace 12 no.10:298-304 O '64.

BROD, J.; FENCL, V.; HEJL, Z.; JIRKA, J.; BARTONICEK, M.; KOTANOVA, E.;
s technicou spolupraci CHRPOVE, V.; KRAUSOVE, E.; VANICKOVE, M.

Average arterial pressure and the magnitude of pressure amplitude and pulse rate. Cas.lek.cesk. no.13:389-394 '60.
(BLOOD PRESSURE)
(PULSE)

FENCL, Vladimir; GANZ, Vilem; CORT, Josef H.; JIRKA, Jiri; technicka spoluprace HORACKOVE, D.; HRABETOVE, J.; KOTRBATE, M.; VANICKOVE, V.

Modification of the renal fraction of the minute volume in hemorrhagic hypotension in the dog. Cas. lek. cesk. 101 no.34:1025-1027 24 Ag '62.

1. Ustav pro choroby obehu krevniho v Praze, reditel doc. dr. J. Brod, DrSc.

(BLOOD VOLUME) (KIDNEYS) (HYPOTENSION)
(HEMORRHAGE)

VANICKY J. POZNAMKY klinicke a epidemiologicke Lyssa v okrese dobruskem a novomestskem Lyssa (rabies) in the district Dobruska and Nove Mesto in Bohemia Prakticky Lekar, Prague (Czechoslovakia) 1947, 27/5 (101-105)

An account is given of three cases of rabies in men which were histologically confirmed. The ages of the patients were 25, 23 and 13 years. They were all bitten by dogs (in the hand, lip, foor). The incubation time was in all cases six weeks. One of the patients was vaccinated by five injections of 'Vaccina antirabica sec. Hempt SZU'. The course of one case was typical; the others pursued the atypical 'mute' form with gastric prodromata. All patients died after 48 to 72 hours.

Kolda-Prague (Sec. VI)

So: Medical Microbiology and Hygiene, Section IV, Vol. I, #1-6

VANICKY; TRAVNIK, Jun.

Lacquering bentwood chairs in an electrostatic field.
Drevo 18 nc. 10:389 O '63.

1. Vysoka skola lesnicka a drevarska.

BERODZE, B.Ye., kand. khim. nauk; VANIDZE, TS., red.; KHUTSISHVILI,V., tekhn. red.

[TSkhaltubo thermal waters and the conditions of their radon enrichment]TSkhaltubskie termal'nye vody i usloviia obogashcheniia ikh radonom. Tbilisi, Gos.izd-vo "Sabchota Sakartvello," 1962. 89 p. (MIRA 15:12)
(TSkhaltubo--Springs) (Radon)

CHIRAKADZE, G.P.; ; VANIDZE, TS., red.

[History of leprosy in Georgia] K voprosu istorii lepry v Gruzii. Tbilisi, Sabchota Sakartvelo, 1964. 94 p. (MIRA 18:4)

SARALIDZE, G.N.; VANIDZE, TS., red.

[Dynamics of the changes in serum proteins in thyrotoxicosis] Dinamika izmenenii belkov syvorotki krovi pri tireotoksikoze. Tbilisi, Sabchota Sakartvelo, 1964. 107 p. (MIRA 17:11)

MAMAMTAVRISHVILI, D.G.; NAKASHIDZE, D.K.; VANIDZE, TS., red.

[Osteoblastoclastoma; giant cell bone tumor] Osteoblastoklastoma; gigantokletochnaia opukhol' kosti. Tbilisi, Sabchota Sakartvelo, 1964. 134 p. (MIRA 18:4)

AIEKSIDZE, T.A., dots.; VANIDZE, T.S., red.

[Some problems in the regulation of intraocular pressure] Nekotorye voprosy regulirovaniia vnutriglaznogo davleniia. Tbilisi, Sabchota Sakartvelo, 1964. 146 p.
(MIRA 17:11)

VANIFATOV, D.N.

SUSHKOV, K.L.; VANIFATOV, D.N.

The plan's instructions on designing the Alma-Ata Botanical Garden of the Academy of Sciences of the Kazakh S.S.R. Trudy Alma-At.bot. sada 3:3-17 '56. (MLRA 10:3)
(Alma-Ata--Botanical gardens)

VANIFATOV, D. N.

Vanifatov, D. N. "The variety of forest trees of decorative value under the conditions of Alma-Ata Oblast." Min Higher Education USSR. Kazakh State Agricultural Inst. Alma-Ata Botanical Garden, Acad Sci Kazakh SSR. Alma-Ata, 1956. (Dissertation for the Degree of Candidate in Agricultural Science)

So: Knizhnaya letopis', No. 27, 1956. Moscow. Pages 94-109; 111.

VANIFATOV, N.I.

Cleavage and the control of mine pressure. Ugol' 28 no.6:16-22 Je '53.
(MLRA 6:6)
(Mining engineering)

VANIFATOVA, N.A.

Promising varieties of gladioluses for ornamental plantations in Alma-Ata. Trudy Alma-At. bot. sada 4:45-75 '59. (MIRA 12:12)
(Alma-Ata--Gladiolus)

MAYBORODA, V.I.; PANINA, L.D.; VANIFAT'YEVA, K.P.; NIKITINA, A.M.; CHUDAKOVA, N.I.

Mass coloration of capron. Khim.volok. no.5:52-55 '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna (for Mayboroda, Panina, Vanifat'yeva). 2. Klinskiy kombinat iskusstvennogo i sinteticheskogo volokna (for Nikitina, Chudakova).
(Dyes and dyeing—Nylon)