

SAMOYLOVICH, Georgiy Georgiyevich, prof. Prinimali uchastiye:
YEREMEYEV, V.S.; KUDRITSKIY, D.M.; ZENIN, F.I.; BAKH, M.K.;
CHELNOKOV, V.P.; GERTSENOVA, K.N.; RAFES, P.M.; ZAKHAROV,
P.M.; ~~DEYNEKO, V.E.~~ doktor tekhn. nauk, prof., retsenzent;
ZAKHAROV, V.K., prof., retsenzent; MIROSHNIKOV, V.S.. dots.,
retsenzent; BELOV, S.V., doktor sel'khoz. nauk, red.

[Use of aerial photographic surveying and airplanes in
forestry; aerial photography of forests and forest aviation]
Primenenie aerofotos"emki i aviatsii v lesnom khoziaistve;
aerofotos"emka lesov i lesnaia aviatsiia. Izd.2., dop. i
ispr. Moskva, Lesnaia promyshl., 1964. 485 p.

(MIRA 17:10)

1. Kafedra lesnoy taksatsii i lesoustroystva Belorusskogo
tekhnologicheskogo instituta (for Zakharov, Miroshnikov).

DEYNEKO, V.F.

Effect of an enlargement of a photograph on certain measurement features of aerial photographs. Geod. i kart. no.5:42-48
My '64. (MIRA 17:8)

DEYNEKO, V.G.

Machining graduated cylinders (basing errors in machining between centers).
Sel'khoz mashina no.9:26-28 S '53. (MLRA 6:9)
(Turning)

DEYNEKO, V.G.

Thread roller computations. Stan. i instr. 26 no.5:20-21
My '55. (MLRA 8:8)

(Screw cutting)

AUTHOR: Deyneko, V.G. 597
TITLE: Reduction of the Stroke in the Rolling-on of Thread.
(Sokrashtheniye Dliny Khoda Pri Nakatyvanii Rez'by).
PERIODICAL: "Stanki i Instrument" (Machine Tools and Cutting Tools, No.3,
1957, pp.29-31 (U.S.S.R.)).

ABSTRACT: In thread rolling machines with flat rolling formers, the component carries out a number of revolutions. It is claimed that the number of complete turns can be greatly reduced in the range of 3 mm to 10 mm threads. Several details of former geometry are discussed, a graph is given for the total profile depth from which the number of turns recommended for full profile formation is derived.

There are 7 illustrations, including 4 graphs.

There are 3 Soviet references.

Card 1/1

DEYNEKO, V.G.

121-7-10/26

AUTHOR: DEYNEKO, V.G.
TITLE: The Rolling-In of Threads by Means of Rollers of Different Diameters. (Nakatyvaniye rezby dvumya rolikami raznykh diametrov, Russian)
PERIODICAL: Stanki i Instrument, 1957, Vol 28, Nr 7, pp 26-28 (U.S.S.R.)
ABSTRACT: The cutting of threads by rolling can be carried out with rollers of either the same or different diameter, on which occasion the difference in rotational speed is attained in 2 ways: By the same numbers of revolutions two rollers of different diameter (illustration 1) and by different numbers of revolutions of two rollers having the same diameter (illustration 2). The semi-finished material having the suitable dimensions is conveyed to the working space between the rollers either by hand or automatically; this is done at a certain speed which depends on calculation and on the character of the work. The larger roller with higher rotational speed transports the semi-finished material between the rollers, on which occasion this material rotates round its own axis and is, at the same time, pushed forward between the two rollers over the sector α_1 (illustration 3).

Card 1/2

121-7-10/26

The Rolling-In of Threads by Means of Rollers of Different Diameters.

Cutting the threads is brought about as a result of the action of frictional forces. Mechanical means of pushing the semi-finished products between the rollers during the thread-cutting process are not necessary, there must only be a certain ratio between the average diameters of the driving and the driven rollers. Illustration 4 shows how the semi-finished material is seized by the rollers, and computation of the numbers of revolutions of the semi-finished material during the process is explained. Special cases of roller-thread cutting are shown by illustrations 6 and 7.

In conclusion we are told that in a number of factories the rolling-in of triangular and other profiles as well as the calibration of smooth rods have been introduced.

ASSOCIATION:
PRESENTED BY:
SUBMITTED:
AVAILABLE:

Not given

Library of Congress

Card 2/2

~~MEYNEKO, V.G., inzhener.~~

Relationship between the precision of screw-thread rolling and
finish machining of bars. Vest. mash. 37 no.7:66-68 J1 '57.
(Screw cutting) (MIRA 10:8)

AUTHOR:

Deyneko, V.G.

119-58-6-7/13

TITLE:

Clean Working of the Surfaces of Blanks for Pressing- and Cleaning-Operations by the Chip-Less Method (Chistota obrabotki poverkhnostey zagotovok dlya nakatyvaniya i otdelochnykh operatsiy bez snyatiya struzhki)

PERIODICAL:

Priborostroyeniye, 1958, Nr 6, pp. 23-24 (USSR)

ABSTRACT:

In chip-less cleaning the part treated is clamped between two revolving rolls. The pressure brought to bear by these rolls upon the surface of the metal part causes the latter to be plastically deformed. The microprofile existing after normal working operations is smoothed out to a considerable extent with respect to its elevations and depressions. The following method was found to be very successful also as regards volume: The part is treated by two highly polished rolls of equal diameter in which case work must be carried out with a certain feed. However, also working with the part between two rolls of different diameters gave good results. By this method it is easily possible to increase the purity of the surface of the worked part by from 3 to 8 classes. It is

Card 1/2

Clean Working of the Surfaces of Blanks for Pressing-
and Cleaning-Operations by the Chip-Less Method

119-58-6-7/13

therefore possible to produce accurately worked parts also without grinding, a process which involves much more time and higher costs. There are 2 figures, 1 table, and 5 references, which are Soviet.

1. Metals—Cleaning
2. Metals—Surface properties
3. Rolling mills—Applications

Card 2/2

25(2)

SOV/119-59-12-8/18

AUTHOR: Deyneko, V. G., Candidate of Technical Sciences

TITLE: Increase of Accuracy of the Rolling of Fine Threads With Plane Screw Dies by Alteration of Their Parameters

PERIODICAL: Priborostroyeniye, 1959, Nr 12, pp 17-18 (USSR)

ABSTRACT: By way of introduction the author discusses the faults resulting from inaccurate adjustment and states that a pitch error causes a 1.732-fold error of the diameter. Thread rollers are easily adjusted, whereas the adjustment of plane screw dies is complicated. A formula is given for the calculation of the length of the immobile screw die, and it is noted that the length of the mobile and immobile screw dies may not be arbitrary. A relation between the two lengths is derived, and it is shown that perfect thread surfaces can be obtained only by exact adjustment. In the case of correctly adjusted dies, accuracy is also very high. It is most convenient to make screw dies by milling since otherwise special requirements must be met concerning the relative position of the thread profile in the two dies. Next, the author discusses the nonagreement between the pitch angle of the dies and the pitch angle of the finished thread, which results from axial shift of the

Card 1/2

SOV/119-59-12-8/18

Increase of Accuracy of the Rolling of Fine Threads With Plane Screw Dies
by Alteration of Their Parameters

bolt during the rolling process. A formula is given, and it is noted that the pitch angle of the screw dies should be equal to the theoretical value or a little greater in order to prevent rupture of thread parts of the bolt. Standards are worked out for the entrance of the plane screw dies and their gripping angle. Thus, shaping of the thread is achieved over the entire length of the entrance and satisfactory work of the dies is guaranteed. Finally, the author demands to reduce cost and improve the quality of rolled threads. There are 1 figure and 1 Soviet reference.

Card 2/2

DE/NEKO, V.G., kand. tekhn. nauk

New floating center. Trakt. i sel'khoz mash. no.12:43 D '59.
(MIRA 13:3)

(Machine tools--Attachments)

DEYNEKO, Viktor Grigor'yevich, kand. tekhn. nauk; STAYEV, K.P., kand.
tekhn. nauk, dotsent, retsenzent; REMEZOV, N.V., inzh., red.;

[New methods for continuous form rolling of screw threads and
other profiles] Novye sposoby nepreryvnogo nakatyvaniia rez'b
i drugikh profilei. Moskva, Mashgiz, 1961. 158 p.

(MIRA 15:2)

(Screw threads)

(Metalwork)

DEYNEKO, V.G.; KOZYREV, V.D.

Automatic thread rolling on Pee-Wee universal thread-rolling
machines. Priborostroenie no.9:15-17 S '62. (MIRA 15:9)
(Screw-cutting machines)

DEYNEKO, V.G.

Increasing the productivity of machining parts on automatic lathes.
Priborostroenie no.9:20-23 S '63. (MIRA 16:9)
(Turning)

DEYNEKO, V.G.

Prerequisites for maximum efficient technology of automatic metal
cutting. Priberostroenie no.9:25-28 S '64. (MIRA 17:11)

DEYNEKO, V.G.

Reducing labor consumption in manufacturing and assembling pins
with precision thread. Standartizatsia 29 no.3:36-40 Mr '65.
(MIRA 18:5)

L 45725-65 EWT(d)/EED-2/EWP(1) P11-4/P2-4/P3-4 IJP(c) BB/GG/GS

ACCESSION NR: AT5011621

UR/0000/64/000/000/0474/0480

AUTHOR: Leyneko, V.N.

TITLE: Parallel action summator-subtractor which uses three-stroke ferrite-diode cells with a magnetic transfer code shaper

SOURCE: Vsesoyuznoye soveshchaniye po magnitnym elementam avtomatiki, telemekhaniki, izmeritel'noy i vychislitel'noy tekhniki. Lvov, 1962. Magnitnyye elementy avtomatiki, telemekhaniki, izmeritel'noy i vychislitel'noy tekhniki (Magnetic elements of automatic control, remote control, measurement and computer engineering); trudy soveshchaniya. Kiev, Naukova dumka, 1964, 474-480

TOPIC TAGS: parallel action summator, parallel action subtractor, magnetic element computer, ferrite diode, code shaper, magnetic transfer code

ABSTRACT: A brief outline of the methods for adding two numbers on the parallel summator is followed by a detailed description of the design of a transfer code decoder and a parallel subtractor, of the basic scheme of the summator-subtractor, and of the testing of various elements of the summator-subtractor. The device has 20 binary orders including the sign and overflow digits and an addition speed on the order of 10,000 operations per second at a generator frequency of 30 Kc; the numbers are represented in the
Card 1/2

L 45726-65

ACCESSION NR: AT5011621

complementary code with fixed decimal point in front of the highest significant order. All magnetic logical elements operated well within the -10 to +60C temperature range. The entire device operated reliably during power supply voltage variations within $\pm 20\%$ of the rated values. Orig. art. has: 8 formulas and 2 figures.

ASSOCIATION: none

SUBMITTED: 29Sep64

ENCL: 00

SUB CODE: DP

NO REF SOV: 006

OTHER: 001

Card 2/2

DEYNICHENKO, G.

Reply of the workers of Great Britain. Sov. profsolyuzy 18
no.6:44 Mr '62. (MIRA 15:3)
(Great Britain--Machinery industry--Strikes and lockouts)
(Great Britain--Shipbuilding workers--Strikes and lockouts)

DEYNICHENKO, Gennadiy Valentinovich; KHARLANOV, Yuriy Fedorovich

[Through the eyes of a reporter; remarks on the Brussels
World's Fair] Glasami reportera; zametki o Vsemirnoi
vystavke v Briussele. Moskva, Sovetskaia Rossiia, 1959.

141 p.

(MIRA 13:11)

(Brussels--Exhibitions)

389d. Disturbances of higher nervous function in intoxication with tetraethyl lead. N. N. Timochev, L. I. Sivtsov, and I. M. Demchenko. *Zh. Nevropath. Psikhiat.*, 1955, 55, No. 10, 781-781; *Referat. Zh. biol. Khim.*, 1955, Abstr. No. 14234. The higher nervous function was studied in persons with chronic tetraethyl lead poisoning. There were seen to be disturbances in the strength and rapidity of the excitant and inhibitory processes in the cerebral cortex, and also of the habitual interaction between signaling systems. Planned stages were observed. There appeared to be disturbances of the interrelation between cerebral cortex and the underlying sections of the c.n.s. (Russian)

C. C. BARRETT

NATALICH, A.; DEYNIKIN, A.

Piston reconditioning in the 6KVD-48 diesel engines. *tech. transp.*
24 no.6:32 '65. (XIBA 18:8)

1. Inzhener-inspektor Rechnogo Registra (for Natalich). 2. Mekhanik-
nastavnik Volgo-Donskogo rechnogo parokhodstva (for Deynikin).

DEMNINA, A. D.

"Intracranial Blood Discharge in New Born Babies." Cand Med Sci, Khar'kov
Medical Inst, Khar'kov, 1953. (RZhBiol, No 2, Sep 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

DEYNINA, A.D., kandidat meditsinskikh nauk.

~~AKUSH. I GIN. 32 NO.1:38-41~~
Etiology, clinical aspects, treatment and prevention of
intracranial hemorrhage in the newborn. Akush. i gin. 32 no.1:38-41
Ja-F '56 (MIRA 9:6)

1. Iz kafedry akusherstva i ginekologii (zav.-prof. I.I. Grishchenko)
lechebnogo fakul'teta Khar'kovskogo meditsinskogo instituta.

(CEREBRAL HEMORRHAGE, in inf. and child
in newborn)

(INFANTS NEWBORN, dis.
cerebral hemorrh.)

SHUL'MAN, L.A.; DEYNKER, N.Yu. [Deinker, N.IU.]

Model of a quantum harmonic oscillator with friction relative to the
dispersion theory [with summary in English]. Ukr.fiz.zhur. 3 no.4:455-459
Jl-Ag '58. (MIRA 11:12)

1. Tadzhikskiy gosudarstvennyy universitet im. V.I. Lenina.
(Oscillations)

BEVNO, M. I., Col

Listed as author of article, "Firing for Effect at Night Without Il-
Terminating the Target," which appeared in Artillerivskiy Zhurnal, No 8,
1954. Sovetskaya Armiya, Group of Soviet Forces, Germany, 18 Aug 54

SO: BUM 291, 2 Dec 1954

DEYSHMAN, E.N.; RODICHEVA, G.V.; BRITSYNA, Zh.A.

Indium sulfates. System $\text{In}_2(\text{SO}_4)_3 - \text{H}_2\text{SO}_4 - \text{H}_2\text{O}$. Zhur.neorg.khim.
7 no.4:877-884 Ap '62. (MIRA 15:4)

1. Institut obshchey i neorganicheskoy khimii im. N.S.Kurnakova
AN SSSR.

(Indium sulfates)

KAMYSHEV, N.S., otv. red.; BOYEVSKIY, A.S., red.; VIKTOROV, D.P.,
red.; DEYSLE, V.F., red.; SKRYABIN, M.P., red.

[Studies of the Voronezh section of the All-Union Botanical
Society] Nauchnye zapiski Voronezhskogo otdelenia Vsesoiuz-
nogo botanicheskogo obshchestva. Voronezh, Izd.-vo Voronezh-
skogo univ., 1964. 106 p. (MIRA 18:5)

1. Vsesoyuznoye botanicheskoye obshchestvo.

DEYCH, A.Ye.

PLATUNOV, B.A.; DEYCH, A.Ye.

Application of methylene blue to the gravimetric determination of tungsten.
Vestnik Leningrad. Univ. '50, No.6, 45-63. (MLRA 3:10)
(CA 47 no.22:12117 '53)

DEYTER, A. I.

Neck - Diseases

Atypical cervical fistulas. Vest. oto-rin 15 No. 1, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

DEYTER, A.I.

SOFOLEV, A.V., kandidat meditsinskikh nauk; DEYTER, A.I.

Multiple otogenous subdural and intracerebral abscesses. Vest. oto-
rin. 16 no.4:42-46 J1-Ag '54. (MLRA 7:8)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. prof. N.N.Uzol'tsev)
Smolenskoj oblastnoy klinicheskoy bol'nitsy.

(BRAIN, abscess,
*multiple, otogenous)

(ABSCISS,
*brain, multiple, otogenous)

DEYTER, A. I.,

~~Medical Research~~

Surgical methodology and technique in median cysts and fistulas of the neck. Vest.oto-rin 17 no.3:80 My-Je '55. (MLRA 8:9)

1. Iz kliniki bolezney ukha, gorla i nosa (zav.-prof. N.N. Usol' tsev) Smolenskogo meditsinskogo instituta.

(NECK--SURGERY) (CYSTS) (FISTULA)

DEYTER, U.; BELYAYEV, A.I.

Obtaining pure magnesium by electrolytic refining. *Izv. vys.*
ucheb. zav.; tsvet. met. 6 no.4:94-101 '63. (MIRA 16:8)

1. Moskovskiy institut stali i splavov, kafedra chistykh
metallov i poluprovodnikovoykh materialov.
(Magnesium--Electrometallurgy)

BULEBUKA, E. [Bulbuca, I.]; GAVRILESKU, S. [Gavrilescu, S.]; DEYTS, G. [Deits, G.]; DIAKONESKU, N. [Diaconescu, N.]; LOZANU, K. [Lozany, K.], red.; AFILIPOAYEY, Ye. [Afilipoaiei, E.], tekhn. red.

[Methods for studying the hydro-electrolytic balance] Metody issledovaniia gidro-elektroliticheskogo ravnovesiia. Bucharest, Med.izd-vo, 1962. 175 p. (MIRA 16:7)
(BODY FLUIDS)

DEYVIS, Dzherom [Davis, Jerome], prof. (SShA)

All nations against war. Priroda 51 no.9:25 S '62. (MIRA 15:9)
(Disarmament—Congresses)

L 48133-65 EWI(m)/PF(c)/EPR/ENP(j)/EWA(c)

Pc-4/Pr-4/Pz-4 RPL - WW/JW/RM

ACCESSION NR: AP5003652

S/0064/65/000/003/0178/0180

AUTHORS: Deyzenrot, I. V.; Kogan, V. B.; Fridman, V. M.TITLE: Method of separating pure hexamethylenediamine

SOURCE: Khimicheskaya promyshlennost', no. 3, 1965, 178-180

TOPIC TAGS: hexamethylenediamine, adiponitrile, hexamethyleneimine, rectification, polymer, nylon technology

ABSTRACT: A method of rectification purification of hexamethylenediamine (HMD), obtained by hydration of adiponitrile (ADN), to remove hexamethyleneimine (HMI) and other impurities was developed. First, the vapor-liquid equilibrium conditions of the HMI-HMD, HMD-ADN, and HMI-ADN systems were determined by measuring temperature, pressure, and vapor tension with an ebullioscope (type used by U.S. Bureau of Standards) and by calculating the equilibrium conditions from a set of 7 equations. The pressure-temperature-phase separation relationships for the three systems are presented in graphical form, and other parameters (including activity coefficients) are given in table form. The pure HMD separation experiments were performed on a 1500-mm high, 30-mm diameter rectification column. The reaction mixture was introduced with $\approx 15\%$ by weight of water.

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L 48133-65

ACCESSION NR: AP50086.2

The first fractionation at atmospheric pressure and 95.50 removed a mixture of HMI and water (50% HMI); the second at 20-25 mm Hg contained 1,2-diaminocyclohexane and traces of H₂O and HMD; the third fractionation at 20 mm Hg and 94C yielded pure HMD as determined by its crystallization temperature of 40.9C. The ADN had to be cleaned by the permanganate method before using to obtain pure HMD. An industrial rectification method for obtaining pure HMD is recommended as shown in Fig. 1 on the Enclosure. Technical HMD with 15% H₂O is introduced in Column I where HMI and H₂O are removed. H₂O, low boiling point impurities and 1,2-diaminocyclohexane are removed in Column II. After a secondary purification pass in Column III the pure HMD is obtained from Column IV. Orig. art. has: 4 figures and 4 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 01

SUB CODE: 00

NO REF SOV: 005

OTHER: 002

Card 2/3

DEZA, G.

Strengthening of banking monopolies in West Germany. Den.1
kred. 18 no.8:63-71 Ag '60. (MIRA 13:7)
(Germany, West—Banks and banking)

DEZA, G.

Role of the credit system of the German Federal Republic in
foreign economic expansion. Den. i kred. 20 no.9:78-87 S '62.
(MIRA 15:9)

(Germany, West—Credit)
(Germany, West—Foreign economic relations)

KASHCHENKO, L.I., dots.; DEZA, N.I., dots.; KHRIPCHENKO, M.G.,
red.

[Manual on the collection of herbaria and the description
of plants for students of the agronomy zoology, and
veterinary faculties] Posobie po sboru gerbaria i opisa-
niiu rastenii dlia studentov agronomicheskogo, zoologiche-
skogo i veterinarnogo fakul'tetov. Frunze, 1964. 14 p.
(MIRA 18:9)

1. Frunze. Kirgizskiy sel'skokhozyaystvennyy institut. Ka-
fedra botaniki i fiziologii rastenii.

L 22304-66 EWA(h)/EWT(1) M

ACC NR: AP6005861

SOURCE CODE: UR/0406/65/001/003/0029/0038

AUTHOR: Deza, M. Ye.

37

ORG: None

32

B

TITLE: Comparison of arbitrary additive noises by the effectiveness of their detection or correction.

SOURCE: Problemy peredachi informatsii, v. 1, no. 3, 1965, 29-38

TOPIC TAGS: noise detection, random noise signal, error correcting code

ABSTRACT: This article is a generalization of an earlier work (Ob ispravlenii proizvol'nogo shuma i nalkhudshem shume. Teoriya peredachi informatsii, sb., M., Izd. "Nauka", 1964, 26-31) in which the author investigated only the problem of the effective correction of noises for a binary case. The present work investigates the problem of a comparison, in a finite Abelian group, of all the additive noises of a prescribed capacity by the capacity of the maximum detection or correction codes. The capacities of the maximum codes, detecting or correcting the best or the worst noises of the prescribed capacity, are found with an accuracy with one order of magnitude; some of the characteristics of these noises are indicated. In the binary case, the problem of the comparison of

UDC: 621.391.82

L 22304-66

ACC NR: AP6005861

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the noises by the effectiveness of detection is solved completely. The statement of the problem originated as a result of comments by A. A. Kharkevich, R. L. Dobrushin, E. L. Blokh, M. S. Pincker, and V. I. Levenshtein.

SUB CODE: 09 / SUBM DATE: 27Mar65 / ORIG REF: 003

Card 2/2 nst

DEYZENROT, I. V.

USSR/Thermodynamics. Thermochemistry. Equilibria. Physico-Chemical B-8
Analysis. Phase Transitions.

Abs Jour : Ref Zhur - Khimiya, No 8, 1957, 26178

Author : V.B. Kogan, I.V. Deyzenrot, T.A. Kul'dyayeva, V.M. Fridman
Title : Solubility in Systems Consisting of Methanol, Water and Normal Paraffin Hydrocarbons.

Orig Pub : Zh. prikl. khimii, 1956, 29, No 9, 1387-1392

Abstract : The mutual solubility (MS) in binary systems consisting of methanol I and n-hexane II, n-heptane III n-octane and n-nonane, as well as in ternary systems containing water besides the above mentioned components was studied at 2 to 45°. The MS of methanol, water and normal hydrocarbons at temperatures between 20 and 10° decreases with the increase of the molecular weight of the hydrocarbon and changes very little with the temperature drop within the range of from 20 to 10°.

Card : 1/1

15211001 L.VI
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4124g
Separation of mixtures obtained in the production of alcohols containing 7-9 carbon atoms. V. B. Koran, V. M. Fridman, and V. Delizant, U.S.P.R. 100,651, July 25, 1957. The separation is accomplished by azeotropic distn. To the mixture is added water sufficient to form a tri-component azeotropic mixt. of BuOH-H₂O-hydrocarbon. This is distd. off as an azeotropic mixt., and to the distillate is added anhyd. MeOH in a quantity sufficient to form a binary azeotropic mixt. of MeOH and all the hydrocarbons. The binary mixt. is distd. off, and to the distillate is added 15% by wt. of water. Then the hydrocarbons are distd. off.
M. Hirsch

RM
2006

REF ID: A62007, I.V.

Mixtr: $4H_2O(2)/4Et_2d$

Azeotropic mixtures of fatty alcohols, normal paraffin hydrocarbons and water. V. A. Kopylov, V. M. Fridman and I. V. Denisov. *Zhur. Fiz. Khim.* 40, 1309-11 (1967), ref. 45, 46, 481g. — The properties of azeotropic mixts. were studied by rectification and by the method that requires exptl. distn. of vapor pressures of 2 mixts. (lat. cit.). BuOH forms azeotropic mixts. with $C_{11}H_{24}$, $C_{12}H_{26}$, and $C_{13}H_{28}$, the b.p. and the BuOH contents of which are (in the order given): 68.2, 3.2; 63.85, 18; 108.41, 43.2; and 115.9, 71.6%. The d. of the azeotropic mixts. of BuOH- $C_{11}H_{24}$ and BuOH- $C_{12}H_{26}$ exhibit a neg. deviation from additivity and a pos. deviation from ideality. The b.p. and % MeOH of MeOH azeotropic mixts. with the same hydrocarbons are: 68.6, 28.4; 58.8, 48.1; 62.76, 67.6; and 64.1, 83.4%. The b.p. and the wt. % of BuOH and H_2O of the ternary azeotropic mixts. of the same hydrocarbons are: 61.5, 2.9, 19.1; 78.1, 7.6, 41.4; 86.1, 14.6, 60.0; and 90.0, 18.3, 69.9%. Comparison of the compn. of the azeotropic mixts. BuOH- $C_{11}H_{24}$ and those of BuOH- H_2O with the compn. of the ternary mixts. shows that the latter contain a higher relative proportion of $C_{11}H_{24}$ and H_2O . This agrees with the regularity previously suggested (C.A. 50, 9127d). The b.p.s. of the ternary azeotropic mixts. are lower than those of the pure components and of the corresponding binary mixts.; this suggests the presence of ternary azeotropes in the ternary mixts.

5
2 May
3

DM

DEZA, G.

Apologist for West German monopolies ("Current monetary and economic
policy problems by Hermann J. Abs. Reviewed by G. Deza). Den. i kred.
19 no. 6:86-88 Je '61. (MIRA 14:6)
(Economic policy) (Currency question) (Abs, Hermann J.)

DEZA, M. I.

DEZA, M. I. -- "Effect of Growth Regulators on Rooting of Mulberry Cuttings."
*(Dissertations For Degrees In Science and Engineering Defended
At USSR Higher Educational Institutions)(30) Min Higher Educa-
tion USSR, Kirgiz Agricultural Inst imeni K. I. Skryabin,
Frunze, 1955

SO: KNIZHNAYA LETOPIS' No 30, 23 July 1955

* For the Degree of Candidate in Agricultural Sciences.

DEZA, M.Ye.

Comparison of arbitrary additive noises on the effectiveness
of their detection or correction. Probl. pered. inform. 1
no.3:29-38 '65. (MIRA 18:11)

L 27859-65 - EWT(d)/EWT(1)/T/EWP(1) Pg-4/Pn-4/Pt-4 IJP(c)

ACCESSION NR: AT4049769

S/2945/64/000/016/0026/0031

37

AUTHOR: Dezsi, M. Ye.

TITLE: Correcting an arbitrary noise and the worst case noise

B+1

SOURCE: AN SSSR. Institut problem peredachi informatsii. Problemy peredachi informatsii, no. 16, 1964. Teoriya peredachi informatsii (Theory of information transmission), 26-31

TOPIC TAGS: information transmission, noise, correcting code

ABSTRACT: The paper examines the following problem: for a given set $A, \{0\} \subset A \subset E_n$ (of noise) among all sets $B, \{0\} \subset B \subset E_n$ (of codes) such that $(A+A) \cap (B+B) = \{0\}$ (of codes correcting noise A), to find at least one set $B(A)$ having a maximum number of elements (a maximal code correcting noise A). [The condition $(A+A) \cap (B+B) = \{0\}$ denotes that $a_1 + b_1 \neq a_2 + b_2$ for $a_1, a_2 \in A$ and $b_1, b_2 \in B$.] The problem is a generalization of the known problem of correcting errors. It is related to the problem of correcting errors when processing signals. The "worst" case and the "best" case noise of m elements is also investigated and maximal codes for correcting noises of a special type are developed. Orig. art. has: 53 formulas.

Card 1/2

L 27859-65
ACCESSION NO: AT4049769

ASSOCIATION: none

SUBMITTED: 15Oct62

NO REF SOV: 000

ENCL: 00

OTHER: 001

SUB CODE: MA, DP

Card 2/2

DEZELIC, GJ.; TEZAK, B.

Mehtorics of the precipitation processes. XVIII. The influence of temperature and concentration on the precipitation of silver bromide. In English. p. 119.

Periodical: CROATICA CHEMICA ACTA.

SCIENCE

No. 2, 1958.

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Uncl.

DEZELIC, GJ.

5

The refractive-index increment of dextran for the molecular-weight determination by light scattering. V. M. Zebec, Gj. Deželjć, J. Kratochvil, and K. F. Schulz (Univ. Zagreb, Yugoslavia). *Croat. Chem. Acta* 30, 261-5 (1958) (in English).—On comparing published data for the increment, dn/dc , of dextran in water, considerable differences were noted at wave length 546 $m\mu$. These differences may cause

serious errors in calcg. mol. wts. of dextran from light-scattering measurements. The following values for dn/dc were found (in cc./g.): 0.1518 \pm 0.0012 for 436 $m\mu$, 0.1461 \pm 0.0013 for 546 $m\mu$, and 0.1470 \pm 0.0013 for 578 $m\mu$. These values agree very closely with the mean values published in the literature. I. Kratochvil

CJK

DEZELIC, Gj.

Some additional light scattering functions for polystyrene latexes.
Croat chem acta 33 no.1:15-31 '61.

1. Laboratory of Physical Chemistry, Faculty of Science, and
Department of Applied Biochemistry, "Andrija Stampar" School
of Public Health, Faculty of Medicine, University of Zagreb,
Zagreb, Croatia, Yugoslavia.

DEZELIC, Gj.

An attachment to the Beckman model DU spectrophotometer for precise measurements of turbidity. Great chem acta 33 no.1:51-54 '61.

1. Laboratory of Physical Chemistry, Faculty of Science, and Department of Applied Biochemistry, "Andrija Stampar" School of Public Health, Faculty of Medicine, University of Zagreb, Zagreb, Croatia, Yugoslavia.

(Turbidity) (Spectrophotometer)

DEZELIC, Gj. (Zagreb)

Experimental determination of absolute turbidities of pure liquids and standard polystyrene solutions. Croat chem acta 33 no.3:99-106 '61.

1. Laboratory of Physical Chemistry, Faculty of Science and Department of Applied Biochemistry, "Andrija Stampar" School of Public Health, Faculty of Medicine, University of Zagreb, Zagreb, Croatia, Yugoslavia.

ZEBEC, M.; DEZELIC, G.J.; DEZELIC, N.; KRATOHVIL, J.P.

Physicochemical studies of dextran. I. Characterization of clinical samples. *Croat chem acta* 36 no.1:13-26 '64.

1. Department of Applied Biochemistry, Andrija Stampar School of Public Health, Faculty of Medicine, University of Zagreb, Zagreb. Present address: Clarkson College of Technology, Potsdam, New York, U.S.A. (for Kratochvil); present address: Fuels Branch Research Council of Alberta, Edmonton, Alberta, Canada (for Shulz).

KOLAR, Z.; DEZELIC, Gj.; RANDIC, M.; TRINAJSTIC, N.; SEKE, V.

Book reviews. Croat chem acta 35 no.4:315-319 '63.

1. Clan Redakcionog odbora, "Croatica Chemica Acta" (for Randic).

TRKOVNIK, M.; DEZELIC, M.; HUKOVIC, S.

The anticoagulation action of some new synthesized 4-hydroxycoumarin derivatives. Bul so Youg 7 no.3:62-63 Je '62.

1. Farmakoloski institut Medicinskog fakulteta, Sarajevo. 2. Membre de la Rédaction, "Bulletin scientifique" (for Dezelic).

BOBAREVIC, B.; HUKOVIC, S.; DEZELIC, M.

Pharmacological investigation of pyrrole-2-aldehyde and
barbituryl-pyrryl-methines on the hypnotic and spasmolytic activity.
Bul sc Youg 7 no.3:64-65 Je '62.

1. Farmakoloski institut Medicinskog fakulteta, Sarajevo.

DEZELIC, Gj.

"Collection of problems in physical chemistry" by J.Bares,
C.Cerny, V.Fried and J.Pick. Reviewed by Gj. Dezelic. Croat
chem acta 34 no.1:67 '62.

DEZELIC, M.; POPOVIC, R.; GRUJIC-VASIC, J.

Polarographic studies on the auto-oxidation of vitamin C and on the problem of its stabilization. IV. Complexon III as a vitamin C stabilizer. Vojnosanit Pregl. 20 no.11: 707-711 N '63.

1. Medicinski fakultet, Institut za hemiju, Univerzitet u Sarajevu.

PROCESSES AND PROPERTIES INDEX

2-3

BC

Oxidation of octoporphyrin. M. Dainko (Bull. Soc. Chim. Yugoslav., 1955, C(11)-25).—Octoporphyrin (I) in ClO_2 -AcOH and $FeCl_3$ yield successively a green product (II), $C_{40}H_{36}O_8N_4$, m.p. $> 250^\circ$, octamethoxyphthalocyanine (III) and methylmethylmaleimide (IV). Oxidation with CrO_3 yielded only (IV), whilst HNO_3 afforded a mixture of products containing I, yielding the substance $C_{40}H_{36}O_8N_4$, m.p. 140° , on hydrolysis with aq. $NaOH$, and converted into (IV) on further oxidation. (I) and HCl and HNO_3 in AcOH give tetraalkoxyphthalocyanine dichloride (V), decamp. $> 300^\circ$, added to (III) by PbO_2 . (II), (III), and (V) regenerate (I) when reduced with $Na-Hg$. (I) and conc. HNO_3 afford a mixture of nitronitroporphyrin (VI), not melting at 250° , and octoporphyrin, m.p. 180° (decamp.), whilst fuming HNO_3 gives diastronitroporphyrin. The NO_2 of (VI) is replaced by SO_3H by the action of oleum. J. T.

A 58-314 METALLURGICAL LITERATURE CLASSIFICATION

FROM SYRIVJIV FROM SYRIVJIV FROM SYRIVJIV FROM SYRIVJIV

1ST AND 2ND LETTERS 1ST AND 2ND LETTERS 1ST AND 2ND LETTERS 1ST AND 2ND LETTERS

PROCESSES AND PROPERTIES INDEX

BC

A-3

Molecular compounds of pyrrole derivatives.
 H. M. Dzindo (Bull. Soc. Chim. Yougoslav.,
 1937, 8, 144-150).--The fusion diagrams of the
 systems Et 2:3-dimethylpyrrole-5-carboxylate (I)-
 CHPh₃, -o-C₆H₄(NH₂), and -quinine, and Et 2:4-
 dimethylpyrrole-5:5-dicarboxylate (II)-CH₂Cl-CO₂H,
 -PhOH, -m-, -p-, and -p-C₆H₄(OH), -allylic acid,
 and -CHPh₃ do not suggest compound formation.
 1:1 compounds are described in the systems (I)-
 OCl₂-CO₂H, transition point 35-8°, (II)-OCl₂-CO₂H,
 transition point 76°, and (II)-picric acid, m.p. 107.2°.
 R. T.

ASM-ISA METALLURGICAL LITERATURE CLASSIFICATION

COMMON ELEMENTS

COMMON SYMBOLS

COMMON UNITS

COMMON ABBREVIATIONS

COMMON SYMBOLS

COMMON UNITS

COMMON ABBREVIATIONS

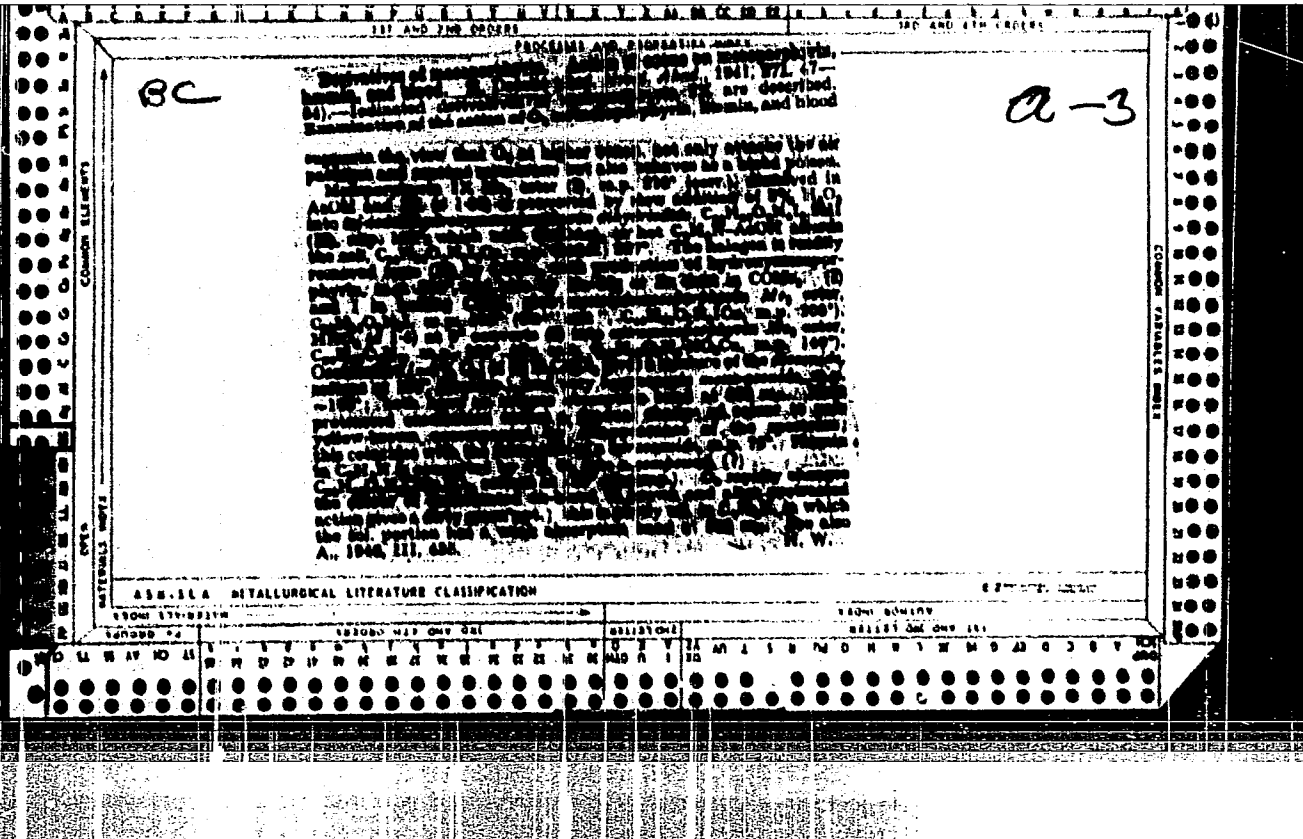
10

Polarographic investigations on the chemistry of pyrrole.

M. Debelić. *Rad. Hrvat. Akad.* 271, 21-40 (1941). - The reduction potentials of pyrrole and some of its derivs. were examd., using 1 cc. of an EtOH soln. of the substance to which 10 cc. of 0.1 N aq. NH_4Cl was added. The concn. of the substance was 0.001 M. The measurements were made at room temp., dissolved O being removed by N. Pyrrole, Me 2,4-dimethyl-5-pyrrole-carboxylate, and di-Et 1-amino-2,5-dimethyl-3,4-pyrroledicarboxylate show no reduction at the dropping Hg electrode. The (neg.) reduction potentials (in v.) of the other substances were: 2,3,4,5-tetramethylpyrrole 0.95 and 1.40, 2-pyrroledicarboxaldehyde 1.47, 4-methyl-3-ethyl-2-pyrroledicarboxaldehyde 1.48, 4-methyl-3-ethyl-5-pyrroledicarboxaldehyde 1.50, Et 3-formyl-2,4-dimethyl-5-pyrroledicarboxylate 1.52, Et 5-formyl-2,4-dimethyl-3-pyrroledicarboxylate 1.44, 2-formyl-4-methyl-3-ethyl-5-pyrroledicarboxylic acid 0.99 and 1.50, 3-carbethoxy-2-formyl-4-methyl-5-pyrroledicarboxylic acid 0.90 and 1.55, 5-formyl-2,4-dimethyl-3-pyrroledicarboxylic acid 1.35 and 1.71, 5-bromo-4-methyl-3-ethyl-2-pyrroledicarboxaldehyde 1.15 and 1.49, 2-bromo-4-methyl-3-ethyl-5-pyrroledicarboxaldehyde 1.20 and 1.51, 3-methyl-4-ethyl-2,5-pyrroledicarboxaldehyde 0.84 and 1.51, and methylethylmaleimide 0.97. From the results, inferences for the structure of the compds. as well as for the dissoci. consts. of the acids were drawn. R. A.

A 58-51.4 METALLURGICAL LITERATURE CLASSIFICATION

GROUP	CLASS	INDEX	SYMBOL	NUMBER	DATE	ISSUE	PAGE	PRICE	AVAIL.	NOTES
1	2	3	4	5	6	7	8	9	10	11



PROCESSES AND PROPERTIES INDEX

1ST AND 2ND ORDERS

BC

11

Preliminary investigations of glucosides. I. Salicin and its derivatives. M. Dubalc and J. Herak (*Arch. Nevoln.* 1942, 18, 167-207).—The reduction potentials of salicin and some of its derivatives were examined, using 1 c.c. of a H₂O or EtOH solution of the substance to which 10 c.c. of 0.1N-NH₄Cl were added. The concn. of the substance was 0.001M. The measurements were conducted at room temp. except in case of tetra-acetylsalicin, which was examined also at 37°, 40°, and 47°. Salicin and diethyl-acetylsalicin show no reduction at the dropping Hg electrode. The (negative) reduction potentials of the other substances were: helicin 1.25, tetra-acetylsalicin 1-1.85, nitrosalicylic acid 0.31, and salicylaldehyde (in presence of NH₄) 0.75 and 1.29 v. S. S. M.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

E-Z

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
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PROCESS AND PROPERTY INDEX

A-3

BC

Compounds of nicotine with succinic acids. M. DeBelli and D. Tomic. *Chim. Repts.* [1963, 27, 39-47].—The compounds were prepared by dissolving the acids in hot Et₂O, EtOAc, or abs. EtOH and adding to the solution an appropriate measured amount of nicotine. By cooling the mixture or addition of abs. Et₂O crystals of the following were obtained: nicotine *m-nitrosuccinate*, m.p. 118-116.5°; *p-nitrosuccinate*, m.p. 124-122°; 2:5-dinitrosuccinate, m.p. 124-122°; and 2:6-dinitrosuccinate, m.p. 124-122°; these contain 1 mol. of nicotine to 1 mol. of acid. The following compounds contain 1 mol. of nicotine to 1 mol. of acid: nicotine *benzoylsuccinate*, m.p. 117-115°, *acetylsuccinate*, m.p. 116-117°, *nitrobenzoylsuccinate*, m.p. 118-115° (decomp.), *nitroacetylsuccinate*, m.p. 116-117° (decomp.), and *phthalate*, m.p. 122-121°. *IR* for the salts are given. S. S. M.

A 52.114 DETAILUNICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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DEZELIC, Mladen

3

Chemical Abst.
Vol. 48 No. 4
Feb. 25, 1954
General and Physical Chemistry

Compounds of nicotine with organic acids. Determination of their composition by physicochemical methods.
Mladen Dezelic and Bogdan Stancic (Sarajevo Univ., Yugoslavia). Bull. soc. chim. repub. pop. Bosnie et Herzegovine 1, 7-10(1952); cf. C.A. 33, 5505t.—Values for n_D^{20} - n_D^{25} of binary systems contg. nicotine and formic (I), acetic, propionic, butyric, isobutyric, isovaleric, monochloroacetic (II), dichloroacetic (III), and trichloroacetic acids, resp., were detd. In these systems nicotine forms 2 groups of liquid acid complexes or mol. compds.: (1) those consisting of 1 mol. nicotine + 2 mols. of I, II, or III; (2) those consisting of 1 mol. nicotine + 3 mol. of one of the remaining acids.

Nikola Plavšić
7-28-54

DEŽELIĆ, MIADEN

2

C. A. V-48
Jan 10, 1954
Pharmaceuticals
Cosmetics & Perfumes

Separating rutin from Herzegovinian tobacco. Miaden
Deželić (Sarajevo Univ., Yugoslavia). *Bull. soc. chim.
république populaire de Bosnie et Herzégovine* 1, 43-57
(1962).—Rutin was obtained from Herzegovinian tobacco
with 1.36% yield (based on the dry substance) by hot H₂O
and subsequent EtOH extrn. Nikola Plavčić

DEZELIC, Mladen

7
④

Nicotine hydrate. Determination of its composition by physicochemical methods. Mladen Dezelić, Jordan Stanić, and Iela Gručić-Vasić (Sarajevo Univ., Yugoslavia). *Bull. soc. chimistes repub. pop. Bosnie et Herzégovine* 2, 10-117 (1953); cf. preceding abstr.—In order to investigate the exact compn. of nicotine hydrate, n_D^{20} , n_D^{25} , surface tension, cond., and pH of liquid mixts. of nicotine (I) and H₂O were detd. These data are tabulated and graphically represented vs. mol. % of I. A curve is also given showing differences between exptl. and calcd. values of n vs. mol. % of I. This curve and the surface tension curve have a max. at 25 and 30 mol. % I, resp. The cond. isotherm has an inflection at 25 mol. % I, while the pH curve is not indicative at all, having the shape of a neutralization curve. It is concluded that I forms with H₂O a trihydrate of the compn. C₁₀H₁₄N₂·3H₂O.

N. Plavšić

DEZELIC, Mladen

8
(3)
Compounds of nicotine with phenols. Determination of their composition by physicochemical methods. Mladen Dezelic and Bogdan Stancic (Sarajevo Univ., Yugoslavia). ~~Bull. Inst. Chimistes repub. pop. Bosne et Herzegovine 2, 29-38(1953); cf. C.A. 48, 1788c.~~—Liquid mixts. of nicotine with phenol, *o*-chlorophenol, *p*-chlorophenol, *o*-nitrophenol, and *o*-, *m*-, and *p*-cresol were studied by detg. values of n (which are tabulated) at various temps. and compns. From the deviation of exptl. values of n from the arithmetic mean of the calcd. values it was concluded that compns. of 1 mol. of nicotine and 3 mols. of phenol exist in these liquid mixts., except the mixt. of nicotine with *o*-nitrophenol, the compn. of which could not be detd. by this method. N. Plavšić MF

DEZELIC, M.

Polarographic investigation of the autoxidation of vitamin C and the problem of its stabilization. M. Dezelić, J. Grujić-Vasić, and B. Bobarević (Sarajevo Univ., Yugoslavia). *Bull. soc. chimistes repub. pop. Bosnie et Herzegovine* 2, 55-67 (1963).—Observations are recorded on the rate of autoxidation of a 0.04% aq. soln. of L-ascorbic acid, with and without small addns. of CuSO_4 (I), $\text{K}_3\text{Fe}(\text{CN})_6$ (II), and KCNS (III) at room temp. ($18-20^\circ$) and -5° . The polarographic method was applied for controlling the autoxidation by detg. the acid concn. at various time intervals. Traces of I increased the autoxidation considerably; however, small amts. of II and III displayed a good stabilizing action, which was still better when Cu ions were present. The effect was better at -5° than at room temp.
N. Playšić

Dezelic, M.

Conductometric and potentiometric titration of nicotine.
 I. Electrochemical titration of nicotine with acetic acid and with substituted acetic acids. M. Dezelic and B. Stanic (Med. Faculty, Sarajevo, Yugoslavia). *Arch. Pharm.* 25, 141-50 (1953) (German summary).—Nicotine (I) was conductometrically and potentiometrically titrated with 0.2M solns. of AcOH, ClCH₂CO₂H (II), C₂H₅CHCO₂H (III), C₃CCO₂H (IV), CNCH₂COOH (V), H₂NCH₂COOH (VI), and Et₃CHCO₂H (VII). In all cases the titrations indicated a stoichiometric ratio of 1:1. The oxid. curves of the systems I + AcOH, I + VII, I + VI have pronounced max.; thus the corresponding I salts have a higher cond. than the starting compds. In the systems with III, IV, and V there is a kink in the curve at the equivalence point, followed by a rapid rise; this signifies an increase in H⁺. Only the I-II curve shows no distinct equivalence point. The curves are similar for all the systems, except for the system I-VI, where the equivalence point lies within a narrower pH range and is therefore less pronounced. This is attributed to the formation of an inner salt in VI, so that the aq. soln. is nearly neutral. I salts of monocarboxylic acids are of the same type as NH₂ salts in aq. soln. In the absence of H₂O, addn. compds. may be formed, e.g., 1, 2, or 3 mols. of acid; most frequently the ratio is 1:3.
 Werner, Jacobson

Handwritten initials and a circled number 1.

Dezelic, Mladen

YUGO.

✓ Polarographic determination of the autooxidation of vitamin C and the problem of its stabilization. II. Mladen Deželić and J. Grujić-Vasić (Univ. Sarajevo, Yugoslavia). *Bull. soc. chimistes repub. populaire Bosnie et Herzégovine* 3, 23-30 (1954) (German summary); cf. *C.A.* 48, 7063f. — By addn. of 0.0001M of ZnSO₄ and FeCl₃ to 0.002M solns. of ascorbic acid (I), the concn. of the latter detd. polarographically, after standing for 24 hrs. at room temp., dropped from 100% to 25-27% (to 45-50% in case of FeSO₄ and Pb(NO₃)₂). The catalytic effect of cations on the auto-oxidation of I decreases in sequence of Cu⁺⁺, Zn⁺⁺, Fe⁺⁺, Fe³⁺, and Pb⁺⁺. Upon addn. of K₃Fe(CN)₆ or KCNS, however, after 48 hrs. at room temp., the concn. of I was over 60% (95% with samples kept in refrigerator). It is concluded that before detg. polarographically vitamin C, small amts. (1-3 mg./100 ml.) should be added to its soln. in order to obtain more accurate results. N. Plavšić

YUGOSLAVIA / Organic Chemistry. Natural Compounds and G-3
Their Synthetic Analogs.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1386.

Author : ~~Dezelic M., Novakovic, N., Kapetanovic, S.~~
Inst : Not given.
Title : The Certain Products From the Condensation of
Helicin.

Orig Pub: Bull. soc. chimistes rep. populaire Bosnie et
Herzegovine, 1956, 5, 5-14.

Abstract: Ten grams of salicin is suspended in 60 milliliters
of 25% nitric acid, agitated for 45 minutes and
cooled (0°C.). The residue is filtered off, washed
with diluted sodium carbonate solution, triturated
with 2 x 50 milliliter portions of ether and dried
in vacuum. Thus helicin (I) is prepared, m. p.
175°C. (from alcohol), λ_D^{20} 60.43°C (c 1.4; water).
Ten grams of I is boiled for 1 hour with 10 grams

Card 1/3

25

YUGOSLAVIA / Organic Chemistry. Natural Compounds and G-3
Their Synthetic Analogs.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1386.

Abstract: of sodium ethylate in 50 milliliters of acetic anhydride, 1 milliliter of water is added to the mixture and is kept in a refrigerator for 12 hours. The residue is then filtered off, washed with water and tetraacetyl helicin is thus obtained (II), yield 90%. II is prepared in a 30% yield from 10 milliliters of α -broacetoglucose and 3.9 grams of o -OCHC₆H₄OK in 20 milliliters of alcohol. I and II produce the corresponding Schiff's bases with various amines (given are amine, aldehyde, condensing agent, yield in %, m. p. in °C.): p -H₂NC₆H₄OH(III), 1, —, 30, 140; III, II, C₆H₁₁N, 50, 128-129; p -H₂NC₆H₄OCH₃ (IV),

Card 2/3

YUGOSLAVIA / Organic Chemistry. Natural Compounds and G-3
Their Synthetic Analogs.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1386.

Abstract: I, $C_6H_{11}N$, —, 105; V, II, $C_6H_{11}N$, —, 140;
p-H $NC_6H_4COOC_2H_5$, I, sodium ethylate, —, 202;
p- $H_2NC_6H_4SO_2NH_2$, I, sodium ethylate, 50, 196.

Chem. Abstrs., 1957, 51, No 19, 14604. -- D. Fles.

Card 3/3

DEZELIC, M.; BOBAREVIC, B.

Azomethine pyrrol-2-aldehyde. II. Condensation with therapeutic main
compounds. p. 5.

BILTEN DOKUMENTACIJE. TEHNIKA SAOBRAČAJNIH SREDSTAVA. (Društvo hemičara
i tehnologa NR Bosne i Hercegovine. GLASNIK) Sarajevo, Yugoslavia. Vol. 7, 1958.

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960.

Uncl.

DEZELIC, M.; GRUJIC-VASIC, J.

Polarographic study of the autoxidation of vitamin C and the problem of its stabilization.III. p. 27.

BILTEN DOKUMENTACIJE. TEHNIKA SAOBRAČAJNIH SREDSTAVA. (Društvo hemičara i tehnologa NR Bosne i Hercegovine. GLASNIK) Sarajevo, Yugoslavia. Vol 7, 1958.

Monthly List of East European Accessions (EEAI) IC Vol. 9, no. 2, Feb. 1960.

Uncl.

DEZELIC, M.; MEHMEDIC, M.

Effect of foreign ingredients of the chemiluminescence of luminol. I. Effect of porphyrin on the luminescence of luminol. p. 55.

BILTEN DOKUMENTACIJE. TEHNIKA SAOBRAČAJNIH SREDSTAVA. (Društvo hemičara i tehnologa NR Bosne i Hercegovine. GLASNIK) Sarajevo, Yugoslavia. Vol. 7, 1958.

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960.

Uncl.

DEZELIC, M.; MEMMEDIC, M.

Effect of foreign ingredients of the chemiluminescence of luminol. II. Effect of the feces of flies on the luminescence of luminol. p. 63.

BILTEN DOKUMENTACIJE. TEHNIKA SABRACAJNIH SREDSTAVA. (Društvo hemicara i tehncloga NR Bosne i Hercegovine. GLASNIK) Sarajevo, Yugoslavia. Vol. 7, 1958.

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960.

Uncl.

DEZELIC, M.

COUNTRY:	: Yugoslavia	G-3
CATEGORY:	:	
ABS. JOUR.:	: RZKhim., No. 5 1960, No.	17947
AUTHOR:	: Dezelic, M. and Likar, L.	
INST.:	: Not given	
TITLE:	: Some Condensation Products of Helicin. III. Syntheses with Tuberculostatically Active Substances.	
ORIG. PUB.:	: Croat Chem Acta, 30, No 4, 237-242, 1958. (1959)	
ABSTRACT:	: The condensation of stoichiometric amounts of PASK [?] and isonicotinoylhydrazide with salicylal- β -D-glucopyranoside (I) and tetraacetyl-I (II) in water, alcohol, or CH_3COOH in the presence of piperidine gives products with tuberculostatic activity in vitro (III-VI) (the product, yield in %, and mp in °C (from aqueous alc) are given): III, 67, 229 (decomp); IV, 80, 150 (decomp); V, 57, 248 (from water); VI, 84, 125 (from glacial CH_3COOH).	
ORIG.:	1/3	

COUNTRY : Yugoslavia

G-3

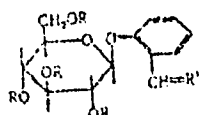
ABST. JOUR. : HZKhim., No. 5 1960, No.

17947

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT :



III R = H, R' = NH₂, (OH) COOH;
 IV R = COCH₃, R' = NH₂, (OH) COOH;
 OH; V R = H, R' = NNHC(CH₃)₂N (N
 autopol NNHC(CH₃)₂N); VI R = COCH₃,
 R' = NNHC(CH₃)₂N

2/5

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COUNTRY :	Yugoslavia	G-5
CATEGORY :		
ABS. JOUR. :	RZKhim., No. 5 1960, No.	17947
AUTHOR :		
INSE. :		
TITLE :		
ORIG. PUB. :		
ABSTRACT :	The condensation of I and II with $H_2NNHCSNH_2$ gives inactive products; the yield in % and mp in °C (from alc) are given: 71, 170: 74, hygroscopic. For Communication II see RZKhim, 1959, No 1, 1387.	
	D. Dmitriev	
CARD:	3/3	

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(Pyrrolicarboxaldehyde)
(Methylenimine)

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