

MISTRATOVA, S. N. Cand Biol Sci -- (diss) "On the biochemical nature of the choline receptor in connection with the mechanism of action of acetylcholine." Mos, 1959. 12 pp (Acad Sci USSR. Inst of the Morphology of Animals in A. N. Severtsov), 150 copies (EL. 45-59, 145)

NISTRATOVA, S.N.; TURPAYEV, T.M.

Relation of acetylcholine to choline receptors in tissue homogenates
[with summary in English]. *Biokhimiya* 24 no.1:171-176 Ja-F '59.
(MIRA 12:4)

1. Institute of Animal Morphology, Academy of Sciences of the U.S.S.R.,
Moscow.

(MYOCARDIUM,
eff. of acetylcholine on choline-receptors in homogenates
(Rus))

(ACETYLCHOLINE, eff.
on choline-receptors in myocardial tissue homogenates
(Rus))

KISINATOVA, S.S., FULINTSEVA, T.G.

"Protein nature of the acetylcholine receptor and the role of receptors in the realization of acetylcholine action."

Report submitted for the 1st Intl. Pharmacology Meeting
Stockholm, Sweden 22-25 Aug 1961.

NESTRAIDOVA, S.E.; TURPAYEV, T.M.

Isolation of choline-receptive protein from the heart muscle. (MUSCLE)
Biokhimiia 26 no.5:952-955 8-0 '61.

1. Laboratory of General and Comparative Physiology, Institute of
Animal Morphology, Academy of Sciences of the U.S.S.R., Moscow.
(HEART—MUSCLE) (PROTEINS)

WISTRATOVA, S.N.

Mechanism of the interrelationship of atropin and the acetylcholine receptors in the intact heart muscle and in tissue homogenates.
Fiziol. zhur. 47 no.12:1471-1476 D 1961. (U.S.S.R.)

1. Laboratoriya obshchey i sravnitel'noy fiziologii i morfolologii zhivotnykh imeni A.N.Seversova AN SSSR, Moscow.
(HEART MUSCLE) (ATROPIN) (CHOLINE)

WISTRATOVA, S.N., TURPAYEV, T.M.

Discovery of a choline-receptive substance in red-blooded animals by a biochemical method. Dokl. Akad. Nauk SSSR, no.4:961-962 Ag '63.

1. Laboratoriya obshchey i sravnitel'noy fiziologii i fiziologii Kohtoyantsa Instituta morfologii zhivotnykh im. A.N. Sechenova AN SSSR. Predstavleno akademikom V.N. Shennikovskyim.
(CHOLINE) (PROTEINS IN THE BLOOD)

SAKHAROV, D.A.; NISTPATKOVA, S.N.

Characteristics of cholinergic receptors in the heart
Fiziol. zhur. 49 no.12:1475-1481 1979.

1. laboratoriya obshchey i sravnitel'noy fiziologii
ihtoyantsa Instituta morfologii zhivotnykh
AN SSSR, Moskva.

TURBAYEV, T.H.; NISTRATOVA, S.N.; MITROVICHENKO, A.A.;
ROYTBERG, Ye.M.

Interaction of pharmacological substances with
substance from various organs of a warty-hispid
shur. 50 no.4:502-508 Ap '64.

1. Laboratoriya obshchey i spetsial'noy fiziologii
Koshtoyantsa Instituta morfologii i fiziologii
AN SSSR, Moskva.

NISTRATOVA, S.N.

Probable escape mechanism of the heart in the mallard, *Anas platyrhynchos* L. from the effect of acetylcholine. *Fiziol. zhurn.* 1965, no. 8:1012-1016 Ag '65.

1. Laboratoriya obshchey i sravnitel'noy fiziologii i fiziologii Koshoyantseva Instituta morfologii zhivotnykh i zhenit'skoy fizologii SSSR, Moskva.

NISULESCU, Emil

Amortization of basic funds. Probleme econ 15 no.7:51-10
Ja '62.

JOCHIMEDS, B.; CZERNIK, A.; SERZYNSKI, W.; WISZCZYNSKA, M.

Studies on diagnostic value of cranial rheography in the detection of vascular changes in the so-called primary diabetes in young subjects. *Polskie arch.med.wewn.* 30 no.7:920-921 '60.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Warszawie. Kierownik prof. dr med. E. Vodejerski
(GENERAL ARTERIOSCLEROSIS diag)
(DIABETES MELLITUS compl)

JOCHWEDS, Beniamin; CZERNIK, Andrzej; SERZYNSKO, Wieslaw; NISZCZYNSKA, ...

Studies on the diagnostic value of cranial rheography in detecting
vascular changes in the so-called primary diabetes in young subjects.
Polskie arch. med. wnetrz. 31 no.2:169-174 '61.

1. S III Kliniki Chorob Wnetrznych A.M. w Warszawie Kierownik:
prof. dr med. E. Kocjuszko.

(DIABETES MELLITUS diag) (BRAIN blood supply)

Miszczynski, M.

~~SECRET~~

1971. Method for the rapid determination of xylene in printing-inks etc. M. Miszczynski and Z. Grabowski [Ochrona Pracy, Inst. 8 (7) 57-59; *Hygiene* 28, 1974, Abstr. No. 12 919] -- Xylene vapour is absorbed on silica gel saturated with a mixture of conc. H₂SO₄ and formaldehyde. The xylene turns the gel brown. Colour giving a marked colour. The colour is measured by means of a visual colorimeter, and the concentration is determined by comparison with standards. The error is 0.01 mg per litre. The xylene content in air should not exceed 0.1 mg per litre. (F. 11/74)

ORLIKOWSKA, Wladyslawa; NISZCZYNSKA, Maria

Familial thyroid pathology. Endokr. pol. 14 no.5:421-429 '63.

1. III Klinika Chorob Wewnętrznych A.M. w Warszawie. Kierownik:
prof. dr E. Kodejsko.

ORLIKOWSKA, Wladyslaw; NISZCZYRKA, Maria

Effect of "essential" unsaturated fatty acids on the level of cholesterol level in diabetic patients. Pol. Tyg. Lek. no.11:381-382 9 Mar '64.

1. Z III Kliniki Chorob Wewnętrznych Akademii Medycyny i -
Warszawie (kierownik: prof. dr med. F. Kocójczko).

ACC NR: A10034316

SOURCE CODE: RU/0017/66/000/002/0010/0012

AUTHOR: Fechete, A. (Engineer); Nita, V. (Engineer)

ORG: "Tractorul" Works, Brasov (Uzinele "Tractorul")

TITLE: Molding mixtures and the surface of pig iron parts

B

SOURCE: Metalurgia, no. 2, 1966, 80-82

TOPIC TAGS: pig iron, metal casting

ABSTRACT: Analyzing the surface defects of pig iron parts produced with the aid of various molding mixtures, the authors find the best finish was given by the use of synthetic molding mixtures with added bentonite and wood flour. Orig. art. has: 1 figure and 3 tables. [Based on authors' Eng. abst.] [JPRS: 36,867]

SUB CODE: 13 / SUBM DATE: none

Card 1/1 *ab*

UDC: 621.742.4:621.741.2

ACC NR 034314

SOURCE CODE: RU/0017/66/000/002/0080/001

AUTHOR: Fecete, A. (Engineer); Nita, V. (Engineer)

ORG: "Tractorul" Works, Brasov (Uzinele "Tractorul")

1/2
B

TITLE: Molding mixtures and the surface of pig iron parts

SOURCE: Metalurgia, no. 2, 1966, 80-82

TOPIC TAGS: pig iron, metal casting

ABSTRACT: Analyzing the surface defect of pig iron parts produced with the aid of various molding mixtures, the authors find the best finish was given by the use of synthetic molding mixtures with added bentonite and wood flour. Orig. art. ... 1 figure and 3 tables. [Based on authors' Eng. abst.] [JPRS: 36,867]

SUB CODE: 13 / SUEN DATE: none

Card 1/1 *ab*

UDC: 621.742.4:621.741.2

POPESCU, Nicolae (Bucharest); NITA, G. (Bucharest);
(Bucharest); BANICA, C. (Bucharest).

Proposed problems. Gaz mat fiz 19 no 51200 My 1960.

L 33366-66 T/ENP(c)/ETI 12P(c) 1/2

ACC NR: AP6024602

SOURCE CODE: RI/0017/65/000/009/0480/0483

AUTHOR: Niculescu, G. (Engineer); Orea, M. (Engineer); Fitu, D. (Engineer)

ORG: [Niculescu; Orea] Technological Research Institute for Machine Building
 (Institutul de Cercetari Tehnologice Pentru Constructii de Masini); [Fitu] Factory
of Aggregates and Machine Tools Bucharest (Fabrica de Masini-Unelte si Agregate)

TITLE: Studies on the induction hardening of cast iron guides for machine-tool frames

SOURCE: Metalurgia, no. 7, 1965, 480-483

TOPIC TAGS: cast iron, induction hardening, machine tool

ABSTRACT: Experimental studies reported by the authors show that very similar results are obtained with medium-frequency (2 kilocycles per second) or high-frequency (250 kc/sec) inductive currents, with the guides having similar depths of hardened layers, hardness of essentially the same degree, and similar martensitic structures in the upper layers. Orig. art. has 9 figures and 3 tables. [Based on authors' Eng. Abstr. 10:R01 33,732]

SUB CODE: 13, 11 / SUBM DATE: none / ORIG REF: 001 / SOV REF: 002
 OTH REF: 001

Card 1/1 *BLG*

UDC: 621.785.6:621.91-231.323:669.13

07/5 1965

R/009/60/000/007/001/003
A124/A026

AUTHORS: Niță, Dumitru; Bercaru, Virgil; - Engineers

TITLE: Phosphate Coating - A Way of Increasing the Service Life of Cutting Tools

PERIODICAL: Metalurgia și Construcția de Mașini, 1960, No. 7, pp. 640 - 643

TEXT: The article deals with the method of warm phosphate coating, which became an important method for the surface improvement of cutting tools during the last few years. The phosphate coating proved to be more efficient than other surface treatment methods, such as treatment in hot water or hot oil. Reference is made to the chemical process occurring during the phosphating procedure and to the chemical composition of the phosphating solution. A correct phosphate coating leads to : a) removal of the surface layer spoiled during the grinding or sharpening of the cutting tool; and b) formation of a high-quality protective layer composed of oxides and phosphates. The GDR applied this treatment to different types of cutting tools. Good results were obtained at drills. The CSR also conducted experiments with different types of phosphate-coated tools. The results are presented in Table 1. Because of its advantages, phosphate coating

Card 1/2

R/009/60/000/007/001/013
A124/A026

Phosphate Coating - A Way of Increasing the Service Life of Cutting Tools

is recommended to be introduced in Rumania. Figure 3 shows a phosphating installation built at the Uzinele "I.C. Frimu" (Plant) in Sinaia, which was used for the accomplishment of experiments with threading tools, shaped tools, excentric bushings, etc. The experiences were carried out within the Laboratorul Central (Central Laboratory) and the treated tools were tested at machines, running in the serial production of the Plant. The experiments were conducted in the following manner: a) degreasing of the tools in trichlorethylene; b) rinsing in running water at a temperature of 5 - 10°C; c) rinsing in running water having a temperature of 80 - 100°C; d) immersion in the phosphating solution, heated to 95 - 97°C; and e) drying and conservation of the tools. The practical results of these experiments are shown in Table 3. These results, however, did not attain the values given in Table 2, due to some causes, which can be easily eliminated. There are 3 tables, 3 figures and 7 references: 2 Rumanian, 3 Czechoslovak, 1 Polish and 1 German.

Card 2/2

NITA, Lon, Ing.

Technical progress at the Hunedoara Metallurgic Aggregate Works. Ketalurgia Ruzs 15 no.5:337-338 My '63.

TECUSAN, N.; SANDRU, A.; POPESCU, M.; STEFAN, Conat.; I. I. E. S. N. I. A, I. I.

Determining the fuel consumption in vacuum displacement of the
U-650 tractor. Bul St si Tehn Tim 9 no.1:135-142 Jan '66.

NITA, Lazar, candidat in stiinta biologice (Bucuresti)

Role of microorganisms in molecular nitrogen fixation in
atmosphere. Natura Biologie 15 no.5:12-19 8-0'63.

NITA, L.

Nitrogen fixing activity of bacteria living in association on the roots of pea and vetch, as well as the dynamic of nitrogen accumulation in plants. *Agronomy* 1967, 12, 647-654. D 163.

Physiological characteristics of Rhizobium strains with a nitrogen fixing capacity isolated from the nodules of pea and vetch roots. *Izv.* 647-660

1. Central Bacterium Fertilizer Station, Moscow.

NITA, M.M.

A transfer maneuver between two noncoplanar elliptic orbits.
Studi cero mec apl 14 no.3:573-589 '63.

1. Academia Militara Generala.

2.2430

2607 2406

26096

8/008/60/000/000/001/001
R231/A125

3.2200

AUTHOR:

Nișă, M.M.

TITLE:

On the motion of a rocket in a field of central forces

PERIODICAL:

Studii și cercetări de mecanică aplicată, no. 6, 1960, 1,419 - 1,444

TEXT:

The author studies the motion of a rocket having a fixed orientation in space; he assumes that the engine is located in a field of central forces and that its mass varies according to an exponential law. For integrating the differential equations of motion, he uses a system of curvilinear orthogonal coordinates which make it possible to transform the equation of partial derivatives of Hamilton-Jacobi into an equation of separated variables. He then deduces from this the equations of the trajectory and the law of motion of the rocket on this trajectory. Finally, the author makes a qualitative examination of the rocket movement and determines the classes of the trajectories which the rocket may follow. From the above study results that the rocket can move on a large variety of trajectories. On the basis of the studied cases, the conditions can be determined, which have to be fulfilled by the initial elements of the motion, in order to have the rocket moving on a certain type of trajectory. There are 15 figures and

Card 1/2

NITA, P.

Presence of Valenciennius Annulatus Rous in the Eocene layers in the south of Cocorova, district Turnu-Severin, region Craiova. p. 459. Academia Republicii Populare Romine. COMUNICARILE. Bucuresti. Vol. 6. no. 3, Mar. 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress. Vol. 5, no. 9, Sept. 1955

PATRASCU, M., ing.; MITA, S., ing.; CIOCULESCU, M., ing.; BERTA, I.,
tehn. lab.; MASOVI, G., tehn. min.; HEINZ, M., tehn. min.

Moist lateral drilling as an effective method of fighting
the dust resulting from hole drilling. Rev. min. 3.
no. 6:254-257 Jo '62.

1. Institutul de cercetari miniere, Petrosani.

VADANICI, T., ing.; NITA, V., ing.; PECHETE, A., ing.

Methods used for obtaining cast iron with higher physicochemical characteristics. Metalurgia Rum 17 no.2:88-90 F 1965.

1. "Tractorul" Plant, Brasov.

NITA PION, Petro

A new farrow life level in the region of the Cist. (Savadiala, District of Turda, Cluj). *Dev. Biol.* 193-201 '61-'62 [publ. '64].

1. Submitted March 2, 1962.

BURAS, B.; LECIEJEWICZ, J.; NITC, W.; SOSNOWSKA, I.; SOSNOWSKI, S.

The time-of-flight method for neutron crystal structure investigation
and its possibilities in connection with very high flux reactors.
Nukleonika 9 no.7/8:523-537 '64

1. Institute of Nuclear Research and University, Warsaw (for Buras).
2. Institute of Nuclear Research, Warsaw (for Leciejewicz).
3. Institute of Nuclear Research, Dubna, U.S.S.R. (for Nitc).
4. On leave from the Institute of Nuclear Research, Warsaw (for Sosnowska and Sosnowski).

ACCESSION NR: AP3001579

E/0191/63/000/006/0026/0029

AUTHOR: Alutin, M. S.; Ketrolev, V. N.; Kovarskaya, B. N.; Kostryukova, T. D.;
Yaracev, V. V.; Sidnev, A. I.; Rodin, E.; Nitsch, O. H.; Boyman, M. B.

TITLE: Casting of polycarbonates under pressure.

SOURCE: Plastiheckiye massy, no. 6, 1963, 26-29

TOPIC TAGS: Diflon, polycarbonate, thermal oxidation

ABSTRACT: The change in molecular weight and mechanical properties of a polycarbonate "Diflon" under laboratory oxidation and on pressure-casting was studied. Polycarbonates are destroyed more rapidly by pressure casting than by thermal oxidation. Apparently, this acceleration is combined with the presence of mechanical destruction. The minimum amount of time and temperature for transferring the polymer to the viscous-flowing state should be used in order to reduce the extent of destruction. Orig. art. has 9 figures, 1 table and 1 equation.

ASSOCIATION: none

SUBJECTS: CO

DATE ACQ: 02/21/63

ENCL: 00

Card 1/1

AKUTIN, M.S.; KOTRELEV, V.N.; KOVARSKAYA, B.M.; KOSTRYUKOVA, I.D.;
TARASOV, V.V.; SIDNEV, A.I.; RODIN, E.; NITCHE, O.N.; NEYMAN, M.P.

Casting of polycarbonates under pressures. Plast. massy no.6:
26-29 '63. (MIRA 16:10)

L 10761-65 INT(n)/INT(v)/INT(j)/T 74-1/20-5 RM

5/0190/54/006/010/17/17/1743

3

ACQUISITION NR: AP40-7194

AUTHOR: Kovarskaya, B. M.; Nayman, H. B.; Guriyanova, V. V.; Rozentiev, E. G.; Nitcha, O. N.

TITLE: Stabilization of polyformaldehyde

SOURCE: Vysokomolekulyarnyye soedineniya, v. 6, no. 10, 1964, 1737-1743

TOPIC TAGS: formaldehyde, oxidation inhibitor, polycaproamide, polyhexamethylene sebacamide, polyamide 68, hexamethylene adipamide, polyamide 54, polymer stabilization, polyformaldehyde, nitrogen oxide

ABSTRACT: The kinetics and mechanism of the reaction of formaldehyde with different polyamide resins and the effectiveness of a new class of inhibitors of the radical type were investigated during the oxidation of polyformaldehyde. The kinetic curves of the absorption of formaldehyde by different polyamide resins (such as polycaproamide, polyhexamethylene sebacamide or polyamide 54) show that the highest rate of formaldehyde absorption is obtained with polyamide 68, the saturation point of which is obtained 15 minutes after the beginning of the experiment. The lowest rate of absorption is with polyamide 54, for which the equilibrium state is obtained after 200 min. The rate of attaining the maximum absorption of formal-

L 10910-55
ACCESSION NR: AP1047194

dehyde increases considerably with increasing formaldehyde pressure and temperature. By increasing the initial pressure of formaldehyde from 300 to 600 mm Hg, the rate of absorption for polyamide 68 is increased 7 times, and for Kapron and polyamide 54 - 3-6 times. However, the final amount of absorbed formaldehyde decreases with increasing temperature. The possible conversions in polyamide resins were also investigated, as well as the inhibitory effect of polyformaldehyde with different nitrogen oxide radicals - for which the structural formulas are given. The effect of increased pressure during the thermal oxidative degradation of polyformaldehyde with resin 54 (1.5-2%) and an antioxidant (0.5-1%) at 200C, 200-200 mm Hg, is plotted. The nitrogen oxide radicals were found to be very efficient stabilizers of polyformaldehyde, especially at lower oxidation temperatures (110C). The relationship between the induction period and the concentration by weight of the stabilizer is also plotted. It is shown that the radical inhibitors are consumed mostly by reactions connected with inhibition of the thermal oxidation of polyformaldehyde. The inhibitors retard the oxidation of formaldehyde and are completely consumed during the induction period. Orig. art. has 7 figures and 4 chemical formulas.

ASSOCIATION: Nauchno-Issledovatel'skiy Institut plasticheskikh mass (Scientific Research Institute of Plastics)

Card 2/3

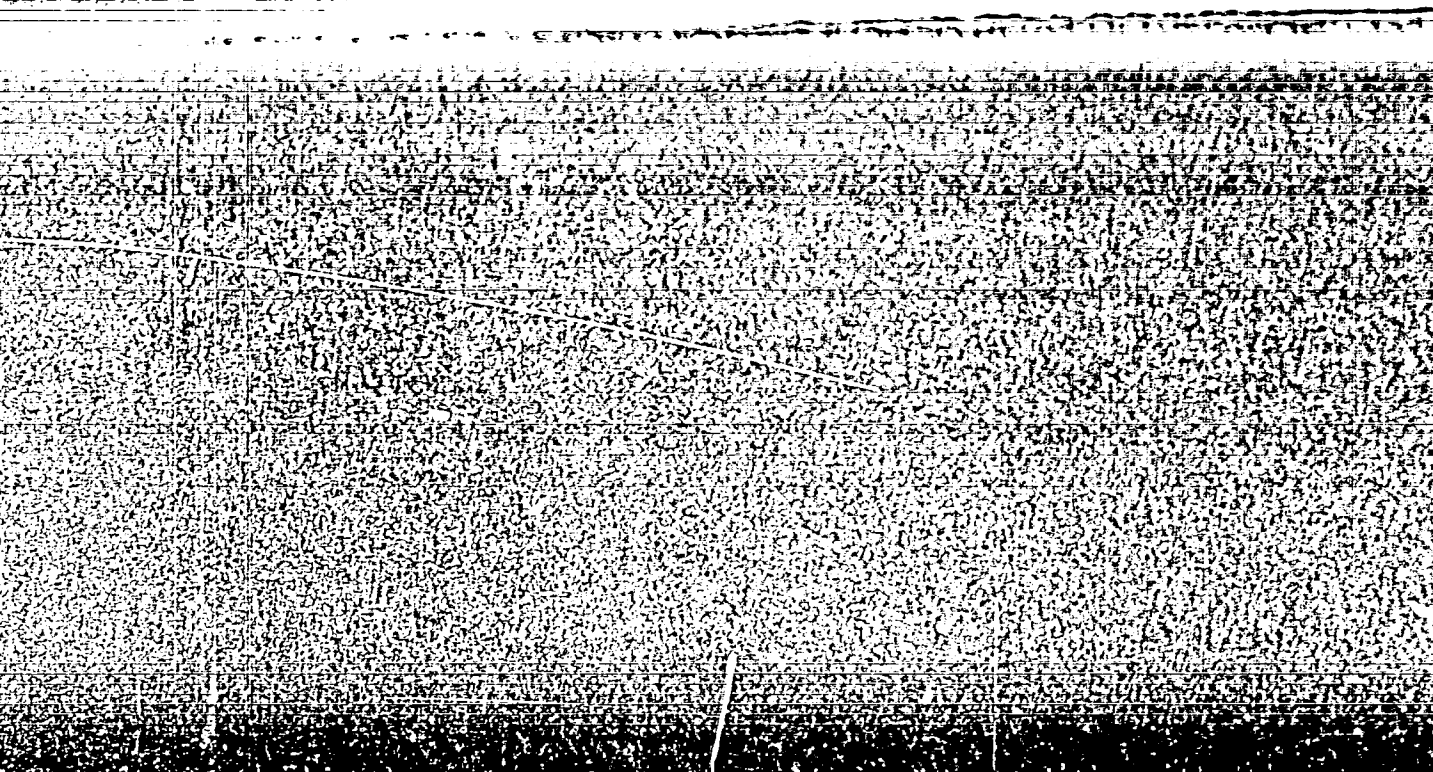
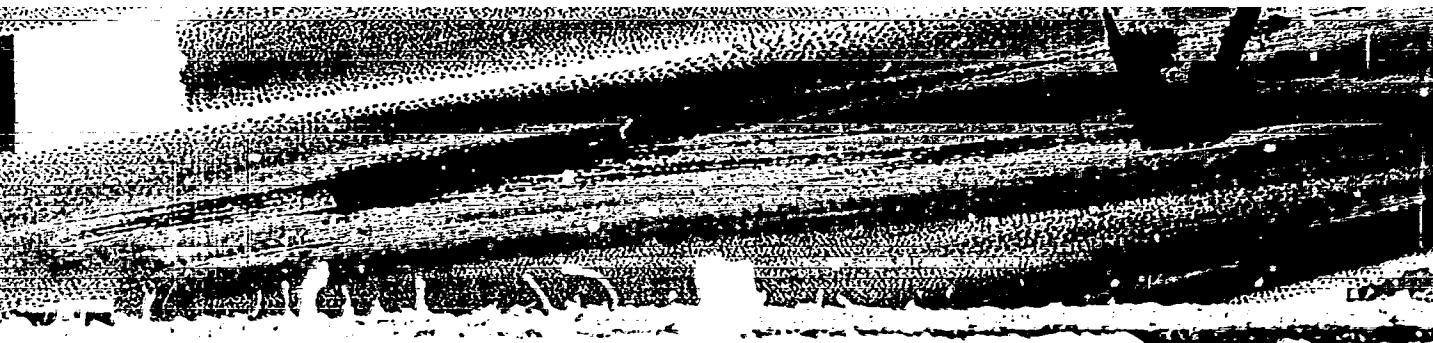
"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001137



APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0011372



ВИЩЕНКО, В. С.

23298. Tekhnologicheskiye issledovaniya khimichno-shereshchivki plin mariupol'skogo mestorozhdeniya. Trudy khark k'ia. - Tekhnol. in-ty in. Kirova, v. 7, 1949, s. 125-34.---Bibliogr: 5 Na-v.

SO: IETG: IS' NO. 31, 1949

NITCHENKO, V. S.

23297. Tekhnologicheskiye issledovaniya pipsa mikhaylovskogo mestorozhdeniya.
Trudy khar'k khim. - Tekhnol. in-ta im. Kirova, VII. 7, 1949, c.135-39

SO: LETOPIS' NO. 31, 1949

Distr: h82c

15

Intensifying the dehydration of gypsum. B. Galbarov, V. Babushkin, and V. Huchenko. *Usoln. Materialy* 4, No. 1, 82 (1960).—Mobility of gypsum powder during heating was detd. by placing on a bottom of a container a plate suspended on a balance, filling the container with gypsum powder, heating it to 60-200°, and, on reaching the desired temp., adding wt. on the pan of the balance until the cylinder of gypsum powder having the base of the plate is pulled out. The diagram given, illustrating expts. conducted with a natural gypsum contg. 19.8% H₂O, shows an increase of resistance up to 80°, then a uniform decrease to 100°, where there is a sudden drop to a min. which extends between 110 and 175°. Above 175° the usability of the powder rapidly decreases: this is assoc. with the formation of anhydrite. Processing steps should be controlled in this light in order to save energy required for mixing. V. D. Gal

7
1

Gal

NITECKI, Czeslaw

The glaucous gull, *Larus hyperboreus* Gunn., on the Vistula River in Torun. *Przeł zoolog* 6 no.2:177-178 '62.

1. Zakład Zoologii Ogólnej, Uniwersytet M.Kopernika, Torun.

ANDRZEJEWSKI, H.; NITECKI, C.

The gray albino crow (*Corvus cornix* L.). *Wzzechswiat* no.1:20-21
Ja '63.

SECRET

... ..
... ..
... ..

NITEKI, Casimierz

Observations on the nesting of the black stork (*Ciconia nigra*) in the Torun region.
Nauki matemat. przyrod. Torun 1970 10: 1-11.

1. Institute of General Zoology of the Nicolaus Copernicus University,
Torun.

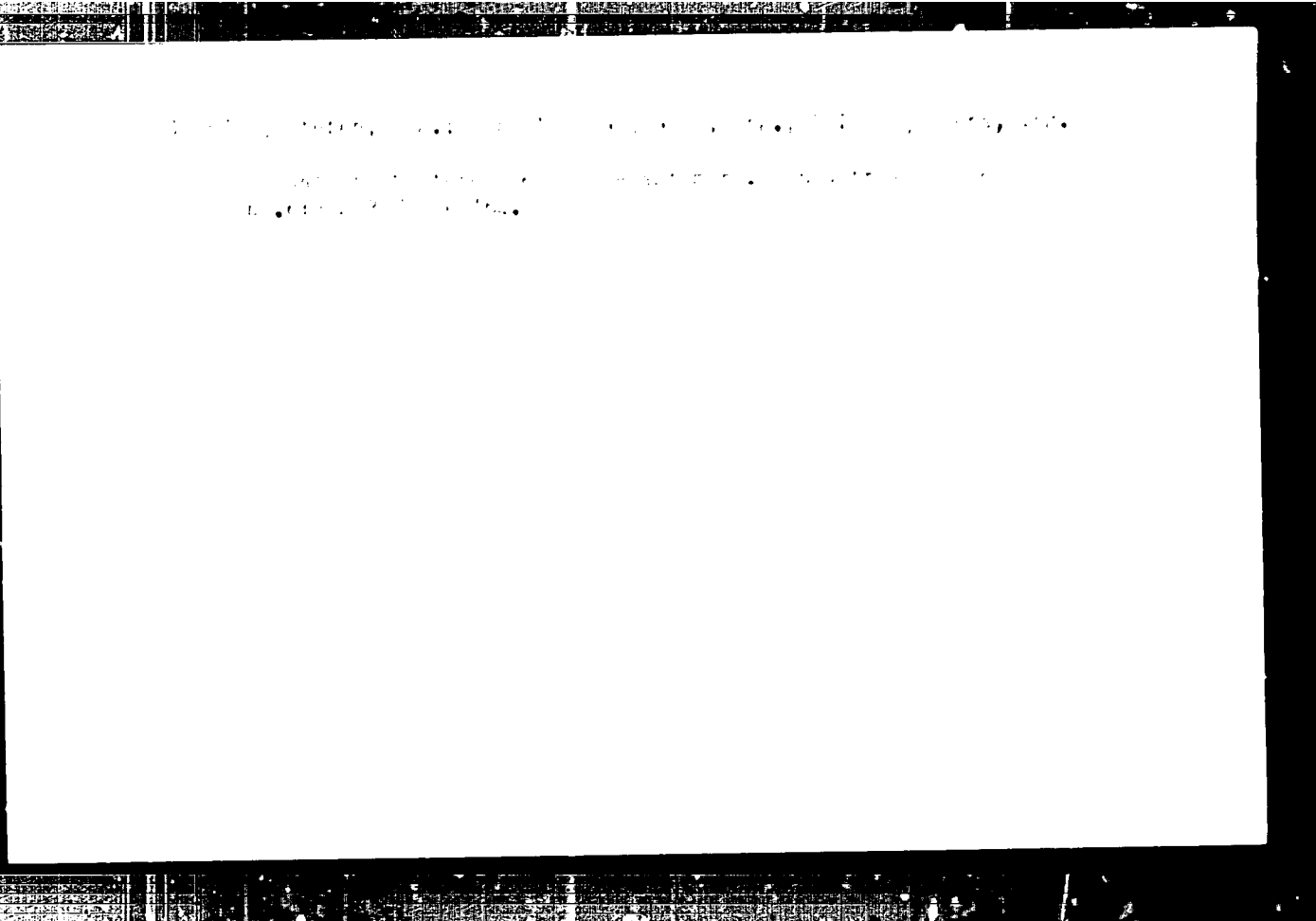
WITYCKI, Kazimierz, mgr., ins.

Pneumatic lifesaving rafts of Polish production. Bud okretowe
Warszawa 7 no.2:57-59 '62.

1. Polski Rejestr Statkow

RASIDESCU, Stefan, ing.; HORODNICEANU, Nicol, ing.; MITESCU, Elena, ing.

Characterization of inorganic charges used in rubber industry.
Industria uscara 9 no.1:5-11 Ja '62.



KASZONI, Francisc, Ing. (Bucuresti); ILESCU, Ion, Ing. (Bucuresti)

Some problems on the quality of electric lead accumulators.
Electrotehnica 9 no.3:92-101 Mr'61

1. Seful serviciului tehnic de la intreprinderea Acumulat'orul
din Bucuresti (for Kaszoni). 2. Tehnicul la intreprinderea
Acumulat'orul din Bucuresti (for Ilescu).

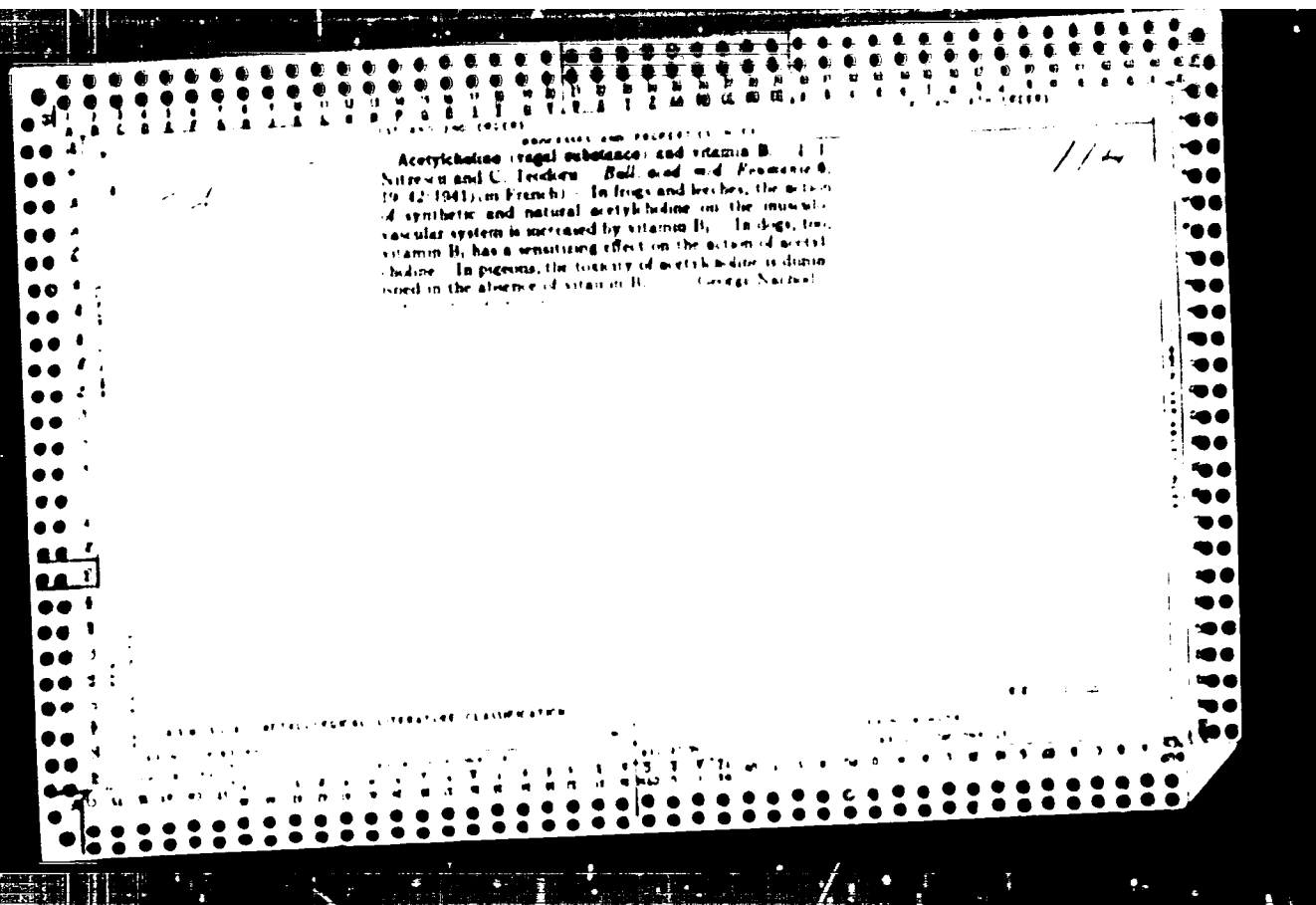
MITCHELL, L. J.

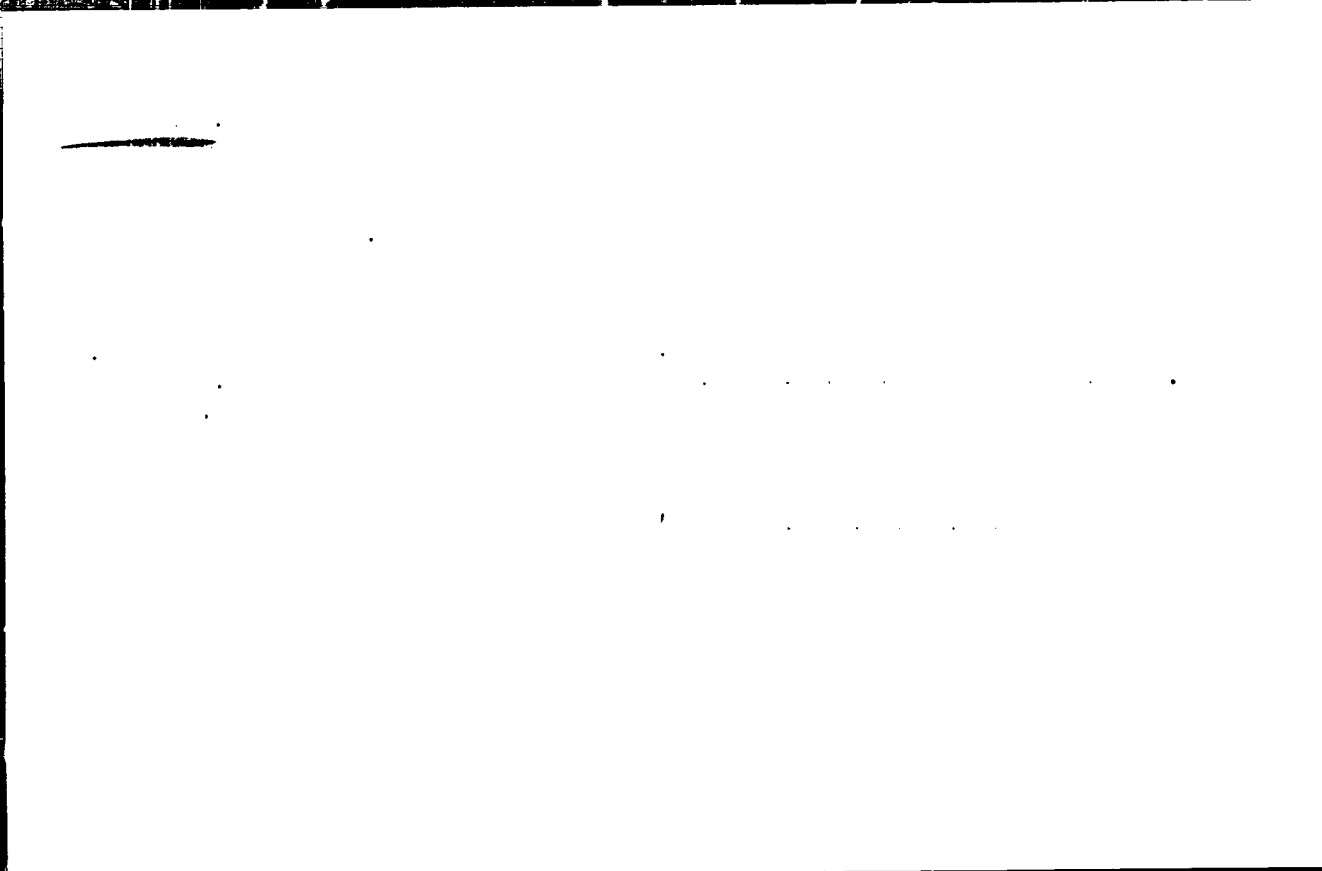
APPROVED FOR RELEASE: Tuesday, August 01, 2000
CIA-RDP86-00513R001137

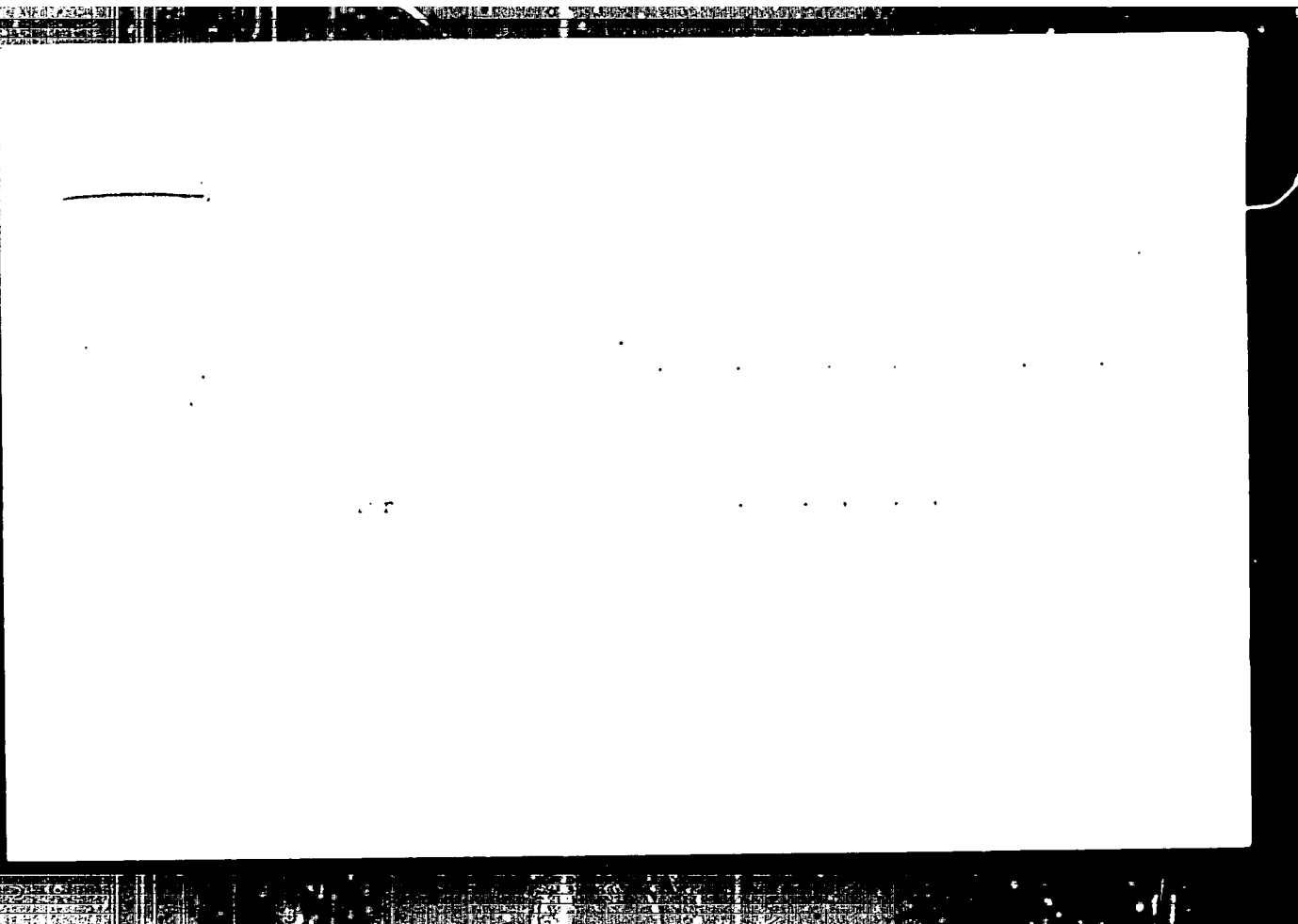
118

The pH of nerve and muscle tissue and the buffer value of the latter in B-vitaminosis in animals. I. I. Stremov, *J. Physiol. U.S.S.R.* 22, 497 in French 1973. In Russian 653 70 1967, cf. *C. A.* 41, 3119. Pigeons kept on a vitamin B free diet for 7 days showed no change in the pH of nerve or muscle tissue, nor in the buffer value of the muscle. After 14-15 days the pH showed a tendency to fall and a slight diminution in buffer value was observed. When the animals reached the convulsive stage the pH had fallen to 7.01-7.15 compared with a normal of 7.35-7.45. In the case of chickens at this stage the pH fell to 6.72-6.82 as compared with a normal of 7.15-7.45. The cerebrum and cerebellum showed no significant differences in pH during avitaminosis.

S. A. Kartala







similar to that of adrenaline. Increase of heart rate, peripheral
contractions and tachycardia, while the effect on the
hypotensive. In the experiments in which the effect of
volume and hypotension, the effect is reversed. The
response is enhanced by physostigmine. Experiments in which
circulation demonstrated a pressor effect of the adrenal
reactions produced by ACh, this being ascribed to the
noradrenaline. In some experiments an effect of noradrenaline
of adrenaline was observed.

Order - 100-100-100-100

EXTRACTA MEDICA Sec. 2 Vol. 11, 1956, p. 299, June 57

2509. NIJESCU I. I., ZAMFIRESCU N., and GIOSAN E., *Cat. de Fiziol. J. M. F., Bucuresti* — Influența oxigenului asupra ventilației pulmonare și pH-ului sanguin la câini nenarcotizați și narcotizați. Effect of oxygen on pulmonary ventilation and blood pH in anaesthetized and unanaesthetized dogs REV. FIZIOL. NORM. PATOL. 1956, 3/3 (291-299) Graphs 7

Respiration of pure oxygen causes in the conscious dog only slight variations (plus or minus) of pulmonary ventilation, whereas in anaesthetized dogs it always causes a decrease of pulmonary ventilation, the more so (sometimes even to apnoea) the deeper the anaesthesia. The pH of the arterial and venous blood is always lowered. The difference is due to a modified reaction in the anaesthetized dog, probably as a result of arterial hypoxaemia, which may act either on the chemoceptors of the reflexogenic zones or directly on the respiratory centre.

Graur - Bucarest

2926 NHIȘCU I., CONSTANTINESCU A. and MIHAI A. M. Pierdere
de calciu prin transpirație în muncă la temperatură înaltă *Calcium loss in sweat
during work in a hot environment* Rev. Fiziol. norm. patol. 1956, V 5 (515—
520) Tables 3

Determinations of Ca in the sweat and serum were made after the perform-
ance of a standardized task at normal and at high environmental tempera-
ture. Immediately after the cessation of work the serum Ca was lowered, it
returned to the normal or a slightly higher level after a short time. The Ca
content of the sweat was high, especially in work at high temperature, the
loss being sufficient to cause functional disturbances. Persons working in hot
environments require a greater dietary supply of Ca.

Graur — Bucharest (II, 17*)

NITESCU, I.I.; SAMFIRESCU, N.

Variations in cardiac volume & arterial blood pressure under the influence of chemical mediators. Romanian M. Rev. 1 no.4:3-15 Oct-Dec 57.

I. Prof. Iulianopolu Institute for Normal and Pathologic Physiology of the R.P.R. Academy.

(HEART, physiol.

volume, eff. of cerebral cortex stimulation, epinephrine, arterenal & acetylcholine)

(BLOOD PRESSURE, physiol.

eff. of cerebral cortex stimulation, epinephrine, arterenal, & acetylcholine)

(CEREBRAL CORTEX, physiol.

eff. of stimulation on heart volume & blood pressure)

(EPINEPHRINE, eff.

on heart volume & blood pressure)

(ARTERENAL, eff.

same)

(ACETYLCHOLINE, eff.

same)

[Faint, mostly illegible typed text, possibly a memorandum or report, with several lines of text visible.]

MEMORANDUM FOR THE DIRECTOR, CIA
SUBJECT: [Illegible]

[Illegible body text]

RUMANIA / Human and Animal Physiology (Normal and Patho- T
logical). Blood. Blood pressure. Hypertonia

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 275-84

Author : Nitescu, I. I., Zamfirescu, M., Nastianu, V.

Inst : Not given

Title : Influence of Carbon Dioxide on Arterial Pressure
of Curarized and Narcotized Dogs

Orig Pub: Studi si cercetari fiziol. Acad. RSR, 1957,
2, No 3-4, 267-270

Abstract: Inhalation of mixtures with a high content of
CO₂ induced in curarization dogs an increase in
blood pressure proportional to CO₂ concentration.
Chloralose, luminal, urethane, and chlorpromazine
removed or perverted pressure effect of CO₂; it

Card 1/2

ROMANIA / General Division, Methods and Techniques of
Research

A-5

Orig Jour: Ref Zhur-Biologiya, No 5, 1958, 13017

Author : Nitescu I. I., Brossan Em., Spinger J.

Inst :

Title : A New Device for the Study of the Oxidizing Processes
in Tissues with the Aid of the Spectroscopic Method

Orig Pub: Fiziol. norm. si patol., 1957, 4, No 2, 172-175

Abstract: The device consists of a spectrograph with a round clamp, cutting off the circulation in the tissue and a dynamometer indicating the thickness and pressure of the tissue under study. With the help of the device the period of reduction of oxyhemoglobin is established, i.e., the interval of time between the cutting off of circulation and the appearance of a single band of absorption of reduced hemoglobin. The data received

Card 1/2

ROMANIA / General Division, Methods and Techniques of
Research

A-6

Abstr Jour: Ref Zhur-Biologiya, No 5, 1958, 18417

Abstract: corresponds with the time, in the course of which the oxygen of the blood is lowered to 50% of its initial value, and when the oxyhemoglobin and reduced hemoglobin are in the same quantity.

Card 2/2

EXCERPTA MEDICA Sec 2 Vol 12/9 Physiology Sept 59

4112. LOSS OF Ca ION DURING WORK IN A HOT ENVIRONMENT - AS DETERMINED BY A POLAROGRAPHIC METHOD - Pierderea de ioni calciu în munca la temperatură ridicată, urmărite prin metoda polarografică - Nătescu I. I., Cariadi I., Mihăilă M., and Constantinescu A. - STUD. CERCET. FIZIOL. 1958. 3/3 (269-275) Graphs 2 Tables 3
Calcium determinations on urine and sweat of metallurgical workers and bakers during the working day were carried out by a polarographic method based on the ionic exchange reaction between Ca and zinc edetate - checked subsequently by a manometric method. The findings were within the normal ranges for urine and sweat.

EXCERPTA MEDICA No 9 Vol 13/4 Surgery Apr 59

The serum proteins of patients hospitalized for burns were examined from the first day of care up to the 14th day. It was found that the serum proteins do not undergo any appreciable alterations in burns of the 1st degree. In burns of the 2nd degree and to a much greater extent in those of the 3rd degree, the albumin, globulin, and gamma globulin values are in the first 2-3 days those of the opposite direction, i.e., they are raised. At the same time the protein level is lowered facilitates the taking of the grafts. (Graz, B. Harest)

NITESCU, I.I.; GABRIELESU, Elena; CLEJAN, I.; BORDIANU, Aurelia;
NICCLAU, Vantita.

Influence of avitaminosis B₁ upon the reaction of the vital coloration
of brain. Studii cerc fiziol 4 no.4:441-448 '99. (EEAI 9:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R. 2. Comitetul de redactie, Studii
si cercetari de fiziologie (for Nitescu)

(DEFICIENCY DISEASES)

(BRAIN)

(CCLCR)

(THIAMINE)

(METHYLENE BLUE)

(NEUTRAL RED)

NITESCU, I.I.; CORNEANU, Maria; BORDIANU, Anelia.

Studies on the relations between the endocrine function of ovaries
and the motility of the digestive tract. Studii cerc fiziol 5 no.1:
43-48 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" Al Academiei R.P.R. 2. Comitetul de redactie,
Studii si cercetari de fiziologie (for Nitescu)

(OVARIES)
(DIGESTIVE ORGANS)
(ESTROGENIC HORMONES)
(PROGESTERONE)

NITESCU, I.I.; MIHAITA, Maria; CONSTANTINESCU, A.

Paper electrophoresis in the inguinal subacute lymphogranulomatosis,
Nicolas Favre disease. Studii cerc fiziol 5 no.3:473-475 '60.
(EEAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R. 2. Comitetul de redactie, Studii
si cercetari de fiziologie, membru al Comitetului de redactie, Studii
si cercetari de fiziologie (for Nitescu)
(ELECTROPHORESIS)
(LYMPHOGRANULOMA VENEREUM)

JIANGU, Iancu, prof.; MIT SCU, I.I., prof.; SORBAU, S.; PATAJIAN, . .;
STOICA; GIOSAN, . .; CORLATEAN, . .; FLORESCU, . .; TALESCU, Sava

The functional value of atrium diverticula as "ultimum verum" of
the heart. Some aspects of the resuscitation problem with description
of an apparatus. Romanian Rev. no. 1:176-179 Jan 1961.

(RESUSCITATION apparatus and supplies)

(HEART ARREST therapy)

(HEART SURGERY complications)

NITESCU, I. I.; COSTIN, A.; DIMITRIU, S.

Compensatory hypertrophy of the kidneys; role of the central nervous system; contributions to the studies of corticovisceral correlations. Studii cerc fiziol 6 no.1:141-144 '61. (EEAI 16:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R. 2. Membru al Comitetului de redactie, "Studii si cercetari de fiziologie"(for Nitascu).

(KIDNEYS) (HYPERTROPHY) (NEUROSES)
(CEREBRAL CORTEX) (VICERA)

MITESCU, I.I., prof.; CRAIU, Felicia; WASSERMAN, N.

Cyanides and anti-cyanides. The action of sodium tetrathionate as an antidote in hydrocyanic poisoning. Romanian M. Rev. no.1:03-203
Jan-Mar '61.

1. Laboratory of Physiology of the Medicopharmaceutical Institute,
Bucharest.

(HYDROCYANIC ACID toxicology) (CYANIDES antagonists)

WINTER, 1974-1975, 4.

Director's Inspector General's Office
In: Washington Post, 1975, 12/15/75, p. 1.

STOIA

NITESCU, P., in, *Id-Id*, affiliation not given,

"Renal Determinations in Dysentery (Shigellosis)."

Arch. med. (Paris), 1966, 66, 3, Mar-Apr 66, pp 257-258.

Abstract: 100 cases of dysentery were treated during the year at the Victor Babeș Hospital for Contagious diseases, there were no cases with renal determinations. The clinical evolution of these cases was favorable, and their clinical features were not related to the strain of dysenteric bacillus involved. Treatment of the renal involvement was concurrent with the dysentery treatment.

Includes 2 tables and 1 reference, of which 3 Romanian, 6 Russian, 5 German and 5 Western. -- Manuscript submitted 6 August 1965.

1/1

STOIA, I.; NITESCU, P.; SCHWALD, L.; IZHOVICI, S.

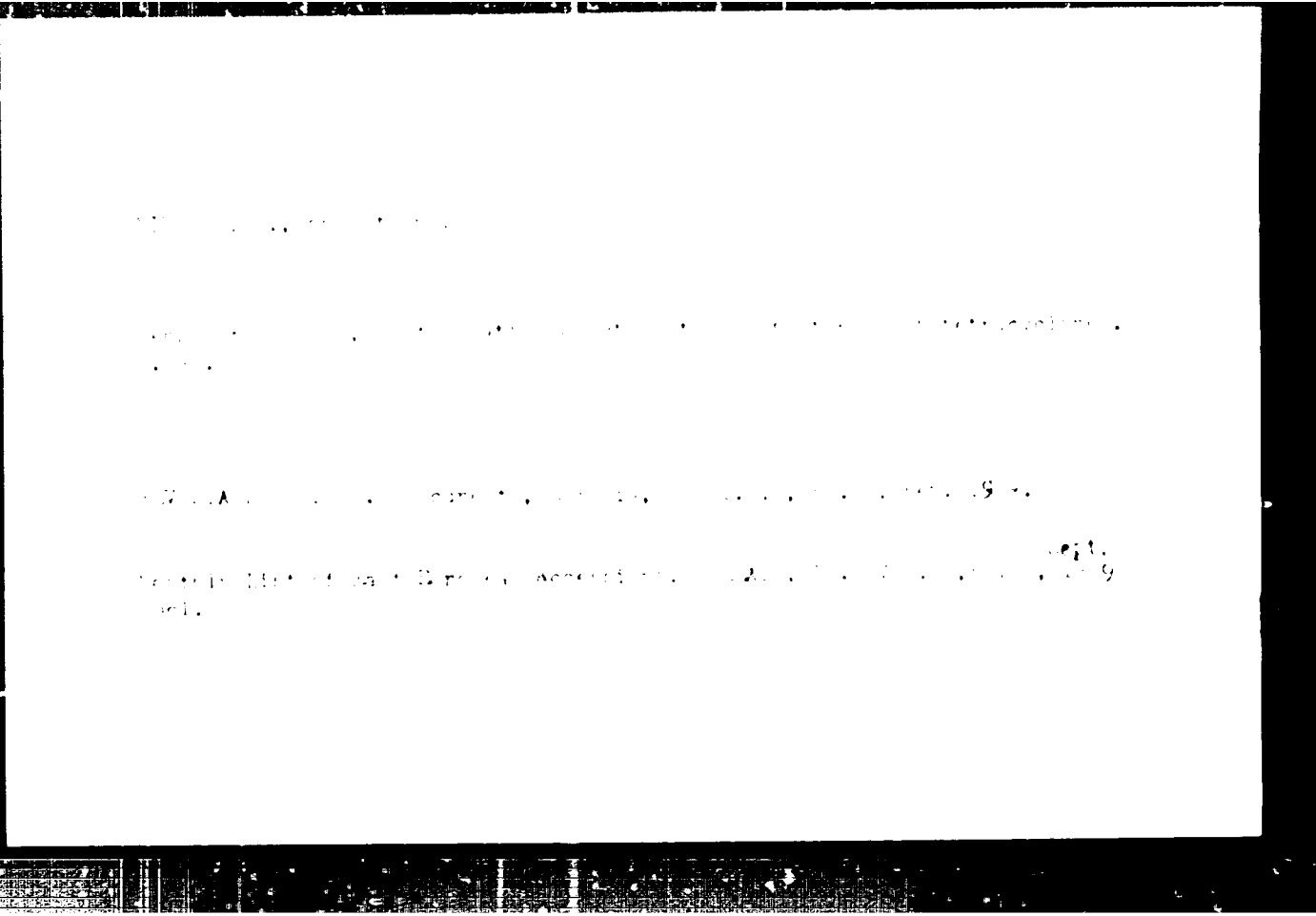
Considerations on 130 cases of rheumatic diseases treated with phenylbutazone. *Rumanian M. Rev.* 1 (no. 3):37-41 July-Sept 57.

(RHEUMATISM, ther.

phenylbutazone in rheum. dis.)

(PHENYLBUTAZONE, ther. use

rheum. dis.)



STOIA I., GREGG, S. J., SZINKERT, C. J.

Clinical trial study and complex behavioral therapy in
spondylitis ankylosetica. Med. J. Aust. 111: 101-102
1967-68

(SPONDYLITIS, ANKYLOSIS), therapy
(RHEUMATOLOGY)
(PHYSICAL THERAPY)

STOIA, I., dr.; NITESCU, S., drl

The role of the laboratory in investigations of rheumatic diseases. Med. int. Bucur. 12 no.1:139-145 Ja '67.

(RHEUMATIC HEART diagnosis)

(ARTHRITIS, RHEUMATOID, diagnosis)

STOIA, I., Prof. in abilitate medicale; RUCHEANU, P. dr.; NITSCU, S. dr.;
LADULESCU, Fl. dr.

Clinical and serological contributions to chronic or latent
polyarthritis. Med. Intern. 19 no. 137-138 1964.

1. Lichene eferata in Central and Europe in recent years,
Bucuresti (Director: dr. I. Stoia).

*

STOIA, I., dr.; RIMNEANU, P., dr.; SALVAN, G.P., dr.; NITZICH, G., dr.;
POITAN, M., dr.

The latex fixation test on plates in the serodiagnosis of
chronic evolutive polyarthritia. Med. Intern. 15 no.7:851-855
Jl '63.

1. Lucrare efectuată la Centrul metodologic republican de
reumatologie (director: dr. I. Stoia).
(ARTHRITIS, RHEUMATOID) (SERODIAGNOSIS)

NIELSEN, T., ing.

Critical study on the mining methods applied at the Snelar mine.
Rev min 15 no.1:1-7 24/04.

1911301, T., Inc.

Investigative

1911301, T., Inc.

Investigative

1911301, T., Inc.

WITKOWSKI, W., correspondent

New improvement in the satellite monitoring technology.
Konstruktivno 16 no. 10 p. 10-11 April 1964

SECRET

We are to be in the U.S. on Monday, August 1, 1950.

(MINA 100)

1. Our trip is dependent on the availability of a plane to fly to the U.S. on Monday, August 1, 1950.

НИКОЛАЕВ, В., инж.

Technological study on the Prof. Nikolaev, ... 1963. (MIRA 16:12)

1. Отдел труда и заработной платы Общества нефтяного
предприятия имени Куйбышевского района "Куйбышевнефть".

NITITSKIY, R., inzh.

Teaching by correspondence. Prof.-tekh. obr. 21 no.12:24 25
D '64. (MIRA 18:2)

1. Otdel truda i zarabotnoy platy ob"yedineniya "Naytyshhevneft".

WEDNESDAY, 8., 1928.

Meeting of instructors. Prof.-tekh. obr. 22 no.3:42 Kz 165. (MIRA 18:7)

1. Otdel truda ob"yedineniya "Kuybyshevneft!".

NITETSKIY, V.K.

Gas holder for autogenous welding in low temperatures. Sov. tekhn. i
pered. op. v stroit. 19 no. 9: 18-19 S 152. (MIRA 10:11)
(Welding--Cold weather conditions)

CELLULOSE, USSR:

Behaviour of cellulose on freezing in water and in aq. alkalis.
 H. I. Blenkova and O. I. Nizhnik, abstracted by R. Wittmann, *J. Gen. Chem. U.S.S.R.*, 1954, *VI*, 171-181, 435-447; *Forschung u. Technik*, 1954, *6*, 443-446). The behaviour of cellulose on freezing (and repeated freezing) in water and aq. alkalis is studied over a range of sub-zero temps. and the results discussed in detail. The amount of H₂O bound by the cellulose in the treatments is determined calorimetrically. In the water treatments sulphite cellulose, linters, viscose silk, ethylcellulose are subjected to the freezing. The freezing at first causes a greater or less derangement of the fibre structure through expansion of the H₂O on freezing. Often a lowering of the degree of polymerisation of the cellulose is observed after the freezing and remelting. Other changes result on freezing and remelting, e.g. changed (increased) absorptive capacity, transparency to light, α-cellulose content. The amount of H₂O bound by the cellulose generally increases with repeated freezing, but under certain conditions there can be a fall in the amount, depending on a balance between the two simultaneously occurring processes (a) of H₂O abstraction (when H₂O from the "hydrate sheaths" passes to the crystallisation centres, and (b) the opening up of the structure by the formation and growth of ice crystals. The (linear) swelling of various celluloses (sulphite (bleached and unbleached), viscose, bleached sulphate kraft) and their increase in wt. on freezing in aq. alkalis (~4-17.5%) is measured, and the results discussed. The mechanical strength of the cellulose deteriorates (up to 25%) after freezing in aq. alkalis. In none of the investigations is the binding of water by cellulose due to any chemical change in the mat. but physical changes only are involved.
 H. L. WHITHEAD.

27/11/54

78
7/5/54

NITIKINA, N.A.

Biology of Ixodes trianguliceps Bir. Med.paras.1 paras.bol. 29
no.6:708-712 '60. (MIRA 14:2)

(TICKS)

NITIKINA, N.A.

Biology of *Ixodes trianguliceps* Bir. Med.paraz. i paraz.bol. 29
no.6:708-712 '60. (MIRA 14:2)

(TICKS)

1. BIRNBA, P. A.
2. USSR (600)
4. Labor - Complicated
7. Kristeller's method and Verbov's bandage., Akusn. i. zin., no. 1, 1952
iz Bolil'nogo Doma Nevskogo Rayona (Leningrad)
- On. Monthly List of Russian Accessions. Library of Congress, March 1952.
Unclassified

SENKO, Vladimir Andreyevich, doktor tekhn. nauk, prof.;
USHAKOVA, Kapitalina Nikolayevna, kand. tekhn. nauk;
MACHUKINA, Faiba Fedorovna, inzh.; NITSENINSKAYA, A.I.,
retsenzent; TYRINA, A.Z., red.

[Processing of acetate fibers] Iereratorka acetatnykh
volokna. Moskva, Sizlegiz, 1961. (Mir 1961)

SOKOLOVA, V.A.; KRYAZHEVA, V.A.; NITISHINGRAYA, A.I.

New method of delustring acetate silk. Khim.volok. no.3:37-39
'62. (MIRA 16:2)

1. Serpuhovskiy zavod.

(Fayon)

SOKOLOVA, V.A.; KRYAZHEVA, V.A.; NITISHINSAYA, A.I.

New method of delustring acetate silk. Khim.volok. no.3:37-39
'62. (MIRA 16:2)

1. Serpukhovskiy zavod.

(Rayon)

ZAROVKINA, N.S.; MINKEVICH, V.V.; MITIYEVSKIY, N.S.

Improving large-panel housing construction in the White Russian SSR. Bet. 1 zhel.-bet. 9 no.10:441-446 0 '63. (MIRA 16:12)

1. Nachal'nik otдела novoy tekhniki Ministerstva stroitel'stva BSSR (for Zarovkina). 2. Glavnyy inzhener Minskogo domostroitel'nogo kombinata No.1 (for Minkevich). 3. Rukovoditel' gruppy otдела krupnanel'nogo domostroyeniya treata "Orgtekhstroy" (for Mityevskiy).

NITKA, J.

"Late frosts" Supplement. p. 15 (ZA SOCIALISTICKE ZEMEDELSTVI, Vol. 3, no. 4, Apr. 1953, Praha, Czechoslovakia.)

10

NITKA, Stanislaw

New type of device protecting asynchronous rotors in mines.
Wiadom gorn 11 no. 3:10.-102 Mr '60.

NITKA, W. (Wroclaw)

Self-dependent elements in abstract algebras. Col math 8 no.1:15-17
'61. (EBAI 10:5)

1. Mathematical Institute of the Polish Academy of Sciences.
(Algebra, Abstract) (Aggregates)