

The change in numbers of SH-groups...

S/218/62/027/004/001/001
1016/1216

Georgiev, Biokhimiya, vol. 24, p. 192, 1959. The SH-groups were determined by amperometric titration with $HgCl_2$. It was found that already 30 min. after irradiation the SH-content of the globulins decreased by 30% and that of the deoxyribonucleoprotein fraction decreased by about 44%. On the other hand, the SH-content of the "acidic protein" from the nucleolus increased as a result of irradiation by more than 50%. There are 2 tables.

ASSOCIATION: Institut biologicheskoy i meditsinskoy Khimii Akademii meditsinskikh nauk SSSR
(The Institute of Biological and Medical Chemistry, Academy of Medical Sciences,
USSR) Moscow

SUBMITTED: December 27, 1961

Card 2/2

ANTOKOL'SKIY, I.Ya.

Improve the appearance of yards; get rid of fences. Gor.khoz.
Mosk. 36 no.7:25-27 J1 '62. (MIRA 16:1)

1. Nachal'nik Administrativnoy inspeksii Moskovskogo
gorodskogo ispolnitel'nogo komiteta Moskovskogo gorodskogo
soveta deputatov trudyashchikhaya.
(Moscow--Courtyards) (Moscow--Fences)

LANG, A.G.; MAZOVER, I.S.; GRIGORUK, Ye.S., retsenzent; ANOKOL'SKIY, L.S.,
inzhener, nauchnyy sotrudnik, retsenzent; SAMOYLOVICH, P.A., dotvort,
nauchnyy redaktor; KAPLAN, M.Ye., redaktor izdatel'stva; PUL'KINA,
Ye.A., tekhnicheskiy redaktor

[Construction gantry cranes; layout, operation and assembly] Stroitel'-
nye krany; ustroystvo, obsluzhivanie i montazh. Leningrad, Gos. izd-vo
lit-ry po stroit. i arkhitekture, 1956. 190 p. (MIRA 9:12)

1. Zamestitel' nachal'nika Upravleniya Dneprostroya (for Grigoruk)
2. Leningradskiy filial Vsesoyuznogo Nauchno-issledovatel'skogo
instituta Stroydormasha (for Antokol'skiy).
(Cranes, derricks, etc.)

ANTOKOL'SKIY, Pavel Grigor'yevich

[Vietnam's strength; a travel journal] Sila V'etnama; putevoi
zhurnal. Moskva, Sovetskii pisatel', 1960. 147 p.

(MIRA 13:6)

(Vietnam, North--Description and travel)

ANTOKOL'SKIY, M. L.

SA

B 66
C

Relationship between frequency and phase character-
istics in linear systems. ANTOKOL'SKIY, M. L. J. Tech.
Phys., USSR, 17 (No. 2) 203-70 (1947) in Russian. - In
many cases of pulse transmission through electro-
mechanical transducers (microphones, seismographs,
etc.) it is very tough either to establish one characteristic
only, usually that of frequency. The paper is a stricter
and more general solution of the problem than those
presented by Hayward [Abstr. 1862 (1935)] and Cauer
[Abstr. 1004 (1940)]. A. L.

ANTOKOL'SKIY, M. L.

FA 36/49T75

USSR/Physics
Sound - Reflection
Light - Reflection

Sep 48

"Reflection of Waves From a Rough, Totally
Reflecting Surface," M. L. Antokol'skiy, Phys
Inst Imeni P. N. Lebedev, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXII, No 2

Discusses regular field, in contrast to dispersed
field, when either light or sound wave is re-
flected from a surface. Attempts to find condi-
tions under which regular field has the character
of the usual reflected wave, and calculates

36/49T75

USSR/Physics (Contd)

Sep 48

coefficient of reflection as a function of wave
length and angle of incidence for this case. Sub-
mitted by Acad M. A. Leontovich, 13 Jul 48.

36/49T75

ANTOKOLSKII, M. L.

"The Study of Earthquake Propagation of Sound Waves Generated by Explosions
Used in Geological Prospecting."

paper presented at 4th All-Union Acoustics Conf., Moscow, 26 May - 4 Jun 58.

ANTOKOL'SKIY, M.L.

Surveying seismographs. Razved. i prom.geofiz. no.25:52-57 '58.
(MIRA 12:4)
(Seismometers)

ANTOKOL'SKIY, M.L.; MUSTAFAYEV, K.A.

Well observations on the dynamics of seismic waves. Izved.
geofiz. no.3:28-34 '65. (MIRA 18:8)

Fulfillment of the annual plan and safeguards for it. p. 129.
RUDY. (Ministerstvo hutaiho prumyslu a rudnych doln' Praha. Vol. 4,
no. 5, May 1956.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

ANTOLIK, P., MASIK, I., SAGATHI, J.

CSSR

no. 104/1962

State Institute for the control of medicines (Statny ustav pro kontrolu lieciv),
Bratislava (for all)

Bratislava, Pharmaceuticky Obzor, No 11-12, 1962, pp 486-491

"Methodical Problems of Quantitative Arrest of Microbes in Culture Media"

(3)

ANTOLKOVIC, B. (Zagreb); PAIC, M. (Zagreb); TURK, M. (Zagreb);
WINTERHALTER, D. (Zagreb)

Influence of collimation on the energy spectrum of 2,7 MeV neutrons.
Glas mat fiz Hrv 16 no.1/2:135-141 '61.

1. Institute "Ruder Boskovic", Zagreb and Faculty of Sciences,
Zagreb. 2. Clan Redakcionog odbora, "Glasnik matematicko-fizički i
astronomski" (for Paic).

S/058/62/000/008/012/134
A061/A101

AUTHORS: Antolković, B., Paić, M., Turk, M., Winterhalter, D.

TITLE: The influence of collimation on the energy spectrum of 2.7-Mev neutrons

PERIODICAL: Referativny zhurnal, Fizika, no. 8, 1962, 20, abstract 8B143
("Glasnik mat.-fiz. i astron.", 1961, v. 16, no. 1 - 2, 135 - 141,
English; summary in Serbo-Croatian)

TEXT: The study of reactions induced by fast monochromatic neutrons calls for the knowledge of the spectral line shape of neutrons incident upon the specimen. For this purpose the influence of shape, size, and material of a collimator on the energy spectrum of 2.7-Mev neutrons was studied. The neutrons were obtained from a (d,d) reaction on a 200-kev Cockroft-Walton accelerator. The neutron energy distribution was measured by a Li^6I scintillation counter and a multichannel pulse-height analyzer. It has been established that clearer spectra are obtained with long collimators made from an iron-paraffin mixture. It is noted that the preferable collimator shape is the double cone.

[Abstracter's note: Complete translation]

I. Sadikov

Card 1/1

ANTOLKOVIC, B. (Zagreb); PAIC, M. (Zagreb); PRELEC, K. (Zagreb);
TOMAS, P. (Zagreb); TURK, M. (Zagreb); WINTERHALTER, D. (Zagreb)

The absolute and relative measurements of neutron fluxes obtained
from the neutron generator of the Institute "Ruder Boskovic."
Ves mat fiz Srb no.12:97-101 '60.

ANTOLOVA, T.; HANZEL, J.; NOVAK, A.; SONAK, R.

Apropos of diphteria bacteria carrier states. Bratisl. lek.
listy 44, no.5:269-280 '64

1. Mestska hygienicko-epidemiologicka stanica v Bratislave
(riaditel: MUDr. r.Lacko) a II.detska klinika Lek.fak. Univ.
Komenskeho v Bratislave (veduca: prod. MUDr. J. Michalickova).

*

PHASE I BOOK EXPLOITATION

SOV/6009

Antomonov, Yuriy Gure'yevich

Avtomatičeskoye upravleniye s primeneniym vychislitel'nykh mashin: sintez sistem, optimal'nykh po bystrodeystviyu (Use of Computers in Automatic Control: Synthesis of Optimizing High-Speed Systems) Leningrad, Sudpromgiz, 1962. 339 p. Errata slip inserted. 8000 copies printed.

Reviewers: A. Ye. Sazonov, Docent, and A. V. Fateyev, Professor; Scientific Ed.: V. A. Oleynikov; Ed.: M. I. Nikitina; Tech. Ed.: P. S. Frumkin.

PURPOSE: This book is intended for scientific personnel, aspirants, and advanced students at schools of higher education, specializing in the field of computer applications to the synthesis of optimizing control systems.

COVERAGE: The book examines problems of the synthesis of optimizing control systems containing digital computers. Algorithms for solving problems of optimizing control

Card 1/0 2

ANTONOV, Yuriy Gur'yevich; KVOCHKINA, G.P., red.

[Calculation of systems optimal in respect to re-
sponse time; ship navigation along its course] Raschet
sistem, optimal'nykh po bystrodeistviu; upravlenie
sudnom po kursu. Leningrad, Sudostroenie, 1964. 68 p.
(MIRA 17:5)

KOSTYUK, P.G., otv. red.; ANTONOV, Yu.G., kand. tekhn. nauk,
red.; FRANTSEVICH, L.I., kand. biol. nauk, red.;
YANKOVSKAYA, Z.B., red.

[Studies in bionics] Issledovaniia po bionike. Kiev, Nauko-
va dumka, 1965. 113 p. (MIRA 18:9)

1. Chlen-korrespondent AN Ukr.SSR (for Kostyuk). 2. Insti-
tut kibernetiki AN Ukr.SSR (for Antonov).

FROL'KIS, V.V.; ANTONOV, Yu.G.; GOLOVCHENKO, S.F.; FONOMAEVA, I.D.

Age-related characteristics of the regulation of blood circulation.
Vop. geron. i geriat. 4:15-33 '65. (MIRA 18:5)

1. Institut gerontologii AMN SSSR i Institut kibernetiki AN UkrSSR.

ACC NR: AM5026680

Monograph

U/R

Antonov, Yuriy, Gur'yevich; Kotova, Alina Borisovna; Ponomareva, Inna Dmitriyevna; Rustoroyt, Oksana Gavrilovna; Reshod'ko, Leonid Vasil'yevich; Tsypkov, Gennadiy Vasil'yevich

Mathematical patterns of excitation: (Matematicheskiye modeli vzbuzhdeniya)
Kiev, Izd-vo "Mukova dumka", 65. 0146 p. illus., biblio. (At head
of title: Akademiya nauk Ukrainskoy SSR. Institut kibernetiki) 2,000 copies
printed.

TOPIC TAGS; cybernetics, mathematic model, tissue physiology, muscle physiology, myology, neurology, nervous system

PURPOSE AND COVERAGE: The book discusses the properties of elements of nervous and muscle tissue by constructing mathematical models. A simple mathematical apparatus is used for constructing the models. The book is intended for biologists, engineers, mathematicians, and doctors interested in using cybernetic methods for the analysis of living tissue.

16C

TABLE OF CONTENTS (abridged):

- Introduction --3
- Ch. I. Determination of the excitability --5
- Ch. II. Threshold regularities --24
- Ch. III. Models of the nerve --57
- Cord 1/2

JVDC: M34 GP2.15

ACC NR: AM5026680

Ch. IV. Models of the muscle --75

Ch. V. Particular problems --108

Appendix --122

Bibliography --136

Literature --144

SUB CODE: 06,12/ SUBM DATE: 05Mar65/ ORIG REF: 031/ OTH REF: 015

Card 2/2

L 14055-66

ACC NR: AT6003454

SOURCE CODE: UR/0000/65/000/000/0065/0071

AUTHOR: Antomonov, Yu. G. (Candidate of biological sciences)

54
1071

ORG: Institute of Cybernetics AN UkrSSR, Kiev (Institut kibernetiki AN UkrSSR)

TITLE: Transmission of information in living systems. Mathematical model for excitation of nerve tissue

SOURCE: AN UkrSSR. Issledovaniya po bionike (Research in bionics). Kiev, Naukova dumka, 1965, 65-71

TOPIC TAGS: bionics, neuron, nerve fiber, mathematic model, cybernetics, electrophysiology, switching theory

ABSTRACT: The author considers the various energy relationships which may take place during excitation of nerve tissue in an attempt to construct the simplest mathematical model for excitation which would simultaneously reflect many of the properties of nerve tissue. Formulas are given for the energy of the electrical excitation of nerve tissue in terms of the power and voltage of the stimulating current and the resistance of the nerve tissue, and the possible reaction of the nerve tis-

Card 1/2

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L 14055-66
ACC NR: AT6003454

sue and response to electrical stimulation are analyzed. An integral equation is derived for the energy balance of nerve tissue during electrical stimulation. A formula is derived for the action potential assuming that the rate of passive change in the potential of nerve tissue is proportional to the applied voltage and decreases with an increase in potential. It is further assumed that the electrical properties of the nerve tissue depend on energy balance. An analog computer was used for analyzing the final system of equations which were found to reflect the known physiological properties of nerve tissue excitation. Orig. art. has: 12 formulas.

SUB CODE: 06/ SUBM DATE: 25Aug65/ ORIG REF: 006/ OTH REF: 005

Card 2/2 BK

L 11054-66

ACC NR: AT6003455

SOURCE CODE: UR/0000/65/000/000/0072/0082 51

AUTHOR: Kotova, A. B.; Tushenkov, L. I.; Antonov, Yu. G. (Candidate of biological sciences) 341

ORG: Institute of Cybernetics AN UkrSSR, Kiev (Institut kibernetiki AN UkrSSR)

TITLE: Use of an analog computer for analyzing the properties of a mathematical model for excitation of nerve tissue

SOURCE: AN UkrSSR. Issledovaniya po bionike (Research in bionics). Kiev. Naukova dumka, 1965, 72-82

TOPIC TAGS: nerve fiber, neuron, mathematic model, electrophysiology, bionics, computer application, analog computer, switching theory

ABSTRACT: An analog computer is used for analyzing a nonlinear nonhomogeneous differential equation with a discontinuity coefficient of the form:

$$U' + \text{sgn} W \cdot aU = V; \quad (1)$$

$$W = E_n - \int (V - V_n + V') dt + \int (U + U') dt; \quad (2)$$

Card 1/2

L 14054-66

ACC NR: AT6003455

where V is the stimulating voltage, U is the nerve tissue potential, E_n is the analog of the threshold value for the integral of external energy, and V_n is the threshold with respect to voltage. This equation was proposed by Yu. G. Antomov in the present collection of articles as a mathematical model for excitation of nerve tissue. This model was analyzed for the following properties of nerve tissue with respect to switching function (2): 1. the nature of responses to subthreshold depolarizing and hyperpolarizing stimulation; 2. the threshold relationship for various forms of the stimulating pulse; 3. the threshold summation; 4. adaptation; 5. transformation of response rhythm; 6. response frequency as a function of the amplitude of a depolarizing stimulating pulse. A schematic diagram is given of the model which was set up on an MN-7 nonlinear analog computer. Passive variations in the rest potential of the tissue (electronus) generated by weak pulses are discussed. Oscillograms and graphs are given for the resultant data. A comparison of these results with experimental physiological data shows that differential equation (1) and switching function (2) give a satisfactorily complete description of the properties of nerve tissue excitation. Orig. art. has: 19 figures, 6 formulas.

SUB CODE: 06,09/

SUBM DATE: 25Aug65/

ORIG REF: 003/

OTH REF: 000

BVK
Card 2/2

ANTONOVA, G.

Czechoslovak Exhibition of measuring instruments and electronics
in Moscow. Biul.nauch.inform.: trud i zar.plata no.11:63-65
'59. (HIRA 13:5)
(Moscow--Electronic apparatus and appliances--Exhibitions)

ANTON, A.V. (Tallin, ul. Toompüestee, d.9, kv.3)

Treatment of precancerous diseases of uterine cervix [with summary
in English]. Vop.onk. 3 no.6:749-752 '57. (MIRA 11:2)

1. Is Tallinskogo respublikanskogo onkologicheskogo dispansera
(glav. vrach - O.I.Triyp)
(CERVIX NEOPLASMS, ther.
precancerous hyperplasia)

ANTON, A.V.

Early diagnosis of cancer of the cervix uteri under ambulatory conditions. Akush.i gin. 35 no.5:68-72 8-0 '59. (MIRA 13:2)

1. Iz onkologicheskogo kabineta dorozhnoy polikliniki (nachal'nik M.A. Ugol'nikova) st. Tallin Estonskoy zheleznoy dorogi i Tallinskogo respublikanskogo onkologicheskogo dispansera (glavnyy vrach A.B. Gavrilov).
(CERVIX UTERI, neoplasms)

ANTON, Claudiu, ing.

Storing and taking care of tractors and agricultural machines, an important element in prolonging the duration of their life. Mec electrif agric 8 no.6:30-34 R-D '63.

1. Trustul Statiunii de masini si tractoare.

~~SECRET~~
Innovations. For electric agric 9 no. 5062-13 1964.

1. Higher Council of Agriculture.

IONESCU, Dumitriu, conf. ing.; ANTON, Gheorghe, asist. ing.; TANASUICA,
Ioan, asist. ing.

Principles for selection of type of marshaling yard. Rev cailor fer
ll no.2:67-72 F '63.

1. Institutul Politehnic Bucuresti.

ANTON, I.

Contribution to the calculation and sizing of pumps. p. 211

Academia Republicii Populare Romine. Baza de Cercetari Stiintifice,
Timisoara. STUDII SI CERCETARI STIINTIFICE. SERIA I: STIINTE MATEMATICE,
FIZICE, CHIMICE SI TEHNICE.
Vol. 2, No. 1/4, Jan./Dec. 1955

Timisoara, Rumania

SCUFCE: East European List (EEL) Library of
Congress, Vol. 6, No. 1, January 1957

ANTON, I.

Evaluation of Hydraulic Energy Dissipators. ENERGETICA SI HIDROTEHNICA
(Energetics and Hydrological Engineering) #2:81:F^b 55

ANON, I., and others .

TECHNOLOGY

The theory of mechanical oscillators used for the increase of the sensibility of apparatus for measuring moments. p. 107.

Academie Republicii Populare Romine. Casa de Cercetari Stiintifice, Timisoara. STUDII DE CERCETARI STIINTIFICE. SERIA Stiinta Tehnica. Timisoara. (Journal on technical sciences issued by the Scientific Research Base in Timisoara, Rumanian Academy.)

Vol.3, No. 3/4, 1956

Monthly List of East European Accessions (EMAJ) IC, Vol. 6, No. 3
March 1959, Unclass.

ANTON, I

TECHNOLOGY

Maximum height of pump suction; characteristic curves of cavitation. P. 49

Academia Republicii Populare Romine. Baza de Cercetari Stiintifice, Timisoara. STUDII SI CERCETARI STIINTIFICE. SERIA STIINTA TEHNICE. Timisoara. (Journal on technical sciences issued by the Scientific Research Base in Timisoara, Rumanian Academy.)

Vol. 4, no. 1/2, 1957

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no.3
March 1959, Unclass.

ANTON, I.
TECHNOLOGY

The determination of the interior critical coefficient cavitation. p. 53

Academia Republicii Populare Romine. Baza de Cercetari Stiintifice,
Timisoara. STUDII SI CERCETARI STIINTIFICE. SERIA STIINTE TEHNICE.
Timisoara. (Journal on technical science issued by the Scientific
Research Base in Timisoara, Rumanian Academy.)

Vol. 4, no. 3/4, 1957

Monthly List of East European Acessions (EEAI), IC, Vol. 6, No. 3
March 1959, Unclass.

ANTON, I.

TECHNOLOGY

The optimum angle of incidence for the cavitation in centrifugal pumps. p.63

Academia Republicii Populare Romine. Baza de Cercetari Stiintifice,
Timisoara. STUDII SI CERCETARI STIINTIFICE. SERIA STIINTE TEHNICE.
Timisoara. (Journal on technical science issued by the Scientific
Research Base in Timisoara, Rumanian Academy.)

Vol 4, No. 3/4, 1957

Monthly List of East European Acquisitions (SERI), IC, Vol. 8, No. 3
March 1959, unclass.

I. ANTON

RUMANIA / Chemical Technology, Chemical Products and Their
Application. Part 4 - Cellulose and Its Deriva-
tives, Paper.

H-32

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 13220.

Author : Gh. Opreacu, I. Anton.

Inst : Not given

Title : Rapid Method of Determination of Boiling Completion and
Inflexibility Degree at Fabrication of Paper Sulfite Pulp.

Orig Pub : Celuloza si Hirtie, 1957, 6, No 6, 203 - 207

Abstract : The completion of boiling by the bisulfite method and the
degree, to which pulp has been boiled, are set by the deter-
mination of the oxidation degree of the bisulfite solution
in the boiling cauldron.

Card 1/1

ANTON, I.

Attempts to control macilage in paper making machinery for the press. p. 93

CELULOZA SI HIPTIS. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Industriei Petrolului si Chiriei) Bucuresti, Romania. Vol. 8, no 3, Mar. 1959.

Monthly List of East European Accessions (CEAI) LC Vol. 8, No. 6, June 1959.
Uncl.

NO. OF : 1022112
CATEGORY : Chemical Technology. Chemical Products and
Their Applications. Cellulose and Its Deriva-
REF. JOUR. : ZEKhin., No. 19, 1959, No. 69983
Author : Anton, J.
Title : Attempt of Eliminating Moulding in the Manufac-
ture of Newspaper Type Paper
ORIG. PUB. : Celul. si hirtie, 1959, 8, No 3, 93-99
ABSTRACT : Presented are results of experiments in the
investigation of conditions in the matter of
application of phenylmercuryacetate (P) and
of other antiseptics that eliminate growth of
mould in the manufacture of newspaper type
paper. The use of P lead to the improvement of
machines' productivity and to the improvement
of paper quality.
*ives. Paper.
PAGE: 1/1

ANTON, I.

• Characteristic curves of cavitation, theoretical and experimental, in centrifugal pumps of low specific revolutions. Studii tehn Timisoara 7 no.3/4:209-225 J1-D '60.

S/124/62/000/012/005/009
D234/D308

AUTHORS: Anton, I. and Popa, O.

TITLE: Theoretical pressure distribution on the edge of
MMP-1 profile

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 12, 1962, 24,
abstract 12B120 (Studii și cercetări științe tehn.
Acad. RPR. Jaza Timișoară, 1961, v. 8, no. 3-4,
211-226 (Rom.: summaries in Rus. and Fr.))

TEXT: With the aid of the method of singularities, the
authors calculate the distribution of the pressure coefficient along
the outline of a wing profile in a stream of ideal incompressible
liquid, for 16 angles of attack. The dependences obtained are com-
pared with experimental data and considerable divergence is found.
[Abstracter's note: Complete translation]

Card 1/1

BARGLAZAN, A. [deceased]; ANTON, I.; SISAK, E.; ANTON, Viorica; FREDA, I.

Energetic characteristics of the profile MHT-1 in a turbine network and functioning in water. Studii tehn Timisoara 8 no.3/4:155-169 J1-D '61.

REICHMANN, Ed., ing.; CONSTANTINESCU, O., ing.; ANTON, I., ing.; BUROVA, T.,
candidat in stiinta tehnice.

Contributions to obtaining reed pulp by sulfate and neutral
sodium sulfite method with continuous Pandia type diges-
tion. Col hirtie 10 no.7/8:277-296 JI-Ag'61.

ANTON, I., ing.; HOTOPELEANU, A., ing.; HERSCU, O., chim.; CONSTANTINESCU, O., ing.

Obtaining semifinished chlorine dioxide bleached pulp from
reed. Cel hirtie 10 no.9:329-335 S'61.

ANTON, I.

Theoretical charge curves of centrifugal pumps provided with adjustable blades, used in hydraulic transmissions. Studii tehn¹imisoara 9 no.3/4:261-271 J1-D '62.

ANTON, I.; POPA, O.; MARTIS, V.

Cavitation and electric power characteristics of the MHT-1 profile located in turbine nets. Studii tehn Timisoara 9 no.3/4:273-291 J1-D '62.

CONSTANTINESCU, O., ing.; ANTON, I., ing.; BUROVA, T., ing.; HOTOPELEANU, A.,
ing.; KOFERTH, H., chim.; POPOVICI, M., chim.; HERSCU, O., chim.;
PETREA, G., ing.; PLATON, M., ing.

Obtaining SNS chemical and semichemical pulps from reed by
means of continuous digesting in the Pardia type installa-
tion. Cel hartie 11 no.3:100-101 Mr.'62.

PLATON, M., ing.; CONSTANTINESCU, O., ing.; DRAGHICI, I., ing.; KOERTH, H.
chim.; ANTOE, I., ing.; BUROVA, T., ing.; FISCHGOLD, S., ing.;
HOTOPELEANU, A., ing.

Industrial experiments in turning to account waste materials
resulting from the exploitation and industrialization of wood.
Cel hirtie 11 no.3:102-106 Mr'62.

ESANU, F., ing.; KONERTH, H., ing.; ANDRUCHOVICI, F., ing.; FISCHGOLD, S.
ing.; POPESCU, G., biolog.; ANTON, I., ing.; POPOVICI, M. ing.;
HOTOPELEANU, A., ing.; REICHMANN, E., ing.; CONSTANTINESCU, O.,
ing.

Studies on how to obtain an alkaline pulp (sulfate and natron)
from straw by continuous digesting in a Pandia type installa-
tion. Col. hirtie 11 no. 6: 205-219 Je '62

AMTON, I., ing.; SIMIONESCU, C., prof. dr. ing.

Recent contributions to lignin chemistry. Cel hirtie 11 no.9:
313-319 8'62.

1. Membru Corespondent al Academiei R.P.R. (for Simionescu)

ANTON, I.; PREDA, I.; ANGHEL, A.

Defining the characteristic phases of cavitation in axial turbine functioning. Studii tehn Timisoara 10 no.1:7-19 Ja-Je '63.

ANTON, I.

Similitude of cavitation of hydraulic turbines. Studii tehn
Timisoara 10 no.2:191-200 J1-D '63.

1. Membru corespondent al Academiei R.P.R.

ANTON, I.; POPA, O.

Cavitation characteristics of a net of profiles with trailing edge rounded off (Carafoli profiles). Studii tehn Timisoara 10 no.2: 201-212 J1-D '63.

On the cavitation characteristics of an isolated profile. 213-229

1. Membru corespondent al Academiei R.P.R.

EUROVA, R.; ANTON, I.; HERSCU, O.; HOTOPELEANU, A., ing.; GRESCEENKO, N., ing.

Comparative study on reed and straw pulping by the neutral sodium sulfite (NSS) and natron processes. Pt.2. Cal hirtie 10 no.4:110-120 Ap'61.

FISCHGOLD, S., ing.; POPESCU, G., biolog; ANTON, I., ing.; BUROVA, T.,
candidat stiinte tehnice; HERSCU, O., chim.; POPOVICI, M., chim.;
PLATON, M., ing.; KONERTH, H., chim.

Some considerations on the utilization of beechwood for ob-
taining chemical pulp. Cel hirtie 10 no.7/8:225-231 J1-Ag'61.

BUROVA, T., ing.; ANTON, I., ing.; HERSCU, O., ing.

Experiments to obtain high-grade chemical cellulose from
fir wood. Cel hirtie 12 no.3:81-87 Mr '63.

REYKHMANN, E. [Reichmann, E.], inzh. (Rumynskaya Narodnaya Respublika);
KONSTANTINESKU, O. [Constantinescu, O.] (Rumynskaya Narodnaya
Respublika); ANTON, I. (Rumynskaya Narodnaya Respublika);
BUROVA, T., kand. tekhn. nauk

Manufacture of reed pulp in a plant with continuous action.
Dum. prom. 38 no.5:5-7 My '63. (MIRA 16:8)

(Rumania---Paper industry)
(Reed (Botany))

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FISCHER, S., Ing.; ANTON, I., Ing.; HARTIG, O., chm.

Studies on obtaining Kraft pulps from beechwood for chemical processing. Pt. 1. Col hülle 23 no. 110-16 Ja '64.

Arhive

COUNTRY : ROMANIA
JOURNAL : Pharmacology and Toxicology. Cardiovascular Agents
REF. CODE. : Med Biol., No. 5 1959, No. 23165
AUTHOR : Vicioreanu, N.; Anton, M.
ISSN :
TITLE : Treatment of Arrhythmias with Quinidine
ORIG. PUB. : Viata red., 1956, 3, No 4, 46-55
ABSTRACT : The scheme and description of the action of quinidine, indications and contraindications, modes of application in various kinds of arrhythmias, and side effects, are given.

Cards: 1/1

THEODORESCU, B., Prof.; ANTON, Mihail, dr.

Study of two cases of hypertensive adrenal tumor. Med.int.,
Bucur. 8 no.6:883-891 Oct 56.

(PHEOCHROMOCYTOMA, case reports)

PAUNESCU, C., Conf.; ANTON, M., dr.; POPESCU, P., dr.; OHERASIM, I., dr.; MARIN,
M.; THEODORESCU, B., prof.

Contributions to the problem of the association of subacute endo-
carditis with rheumatismal endocarditis, Med. intern., Bucur. 11
no. 12: 1833-1840 '59.

(ENDOCARDITIS, SUBACUTE BACTERIAL, complications)

(RHEUMATIC HEART DISEASE, complications)

ANTON, M.;DLUHOS, M.;RIEBEL, O.

Isolated sarcoid of the lacrimal gland. Cesk. ofth. 15 no.5:375-379 0 '59

1. Oční klinika MU v Brně, přednosta prof. dr. J. Vanysek II. patol anatomicky ustav MU v Brně, přednosta doc. dr. M. Dluhos.
(LACRIMAL APPARATUS dis)
(SARCOIDOSIS case reports)

RIEBEL, O.; ISERLE, J.; ANTON, M.

Clinical observations on enzymatic somulolysis performed with a
Czechoslovakian preparation. *Cesk. ofth.* 16 no.2:111-117 Mr '60

1. Oční klinika university v Brně, přednosta prof. MUDr. Jan
Vanysek.

(CATARACT EXTRACTION)
(CHYMOTRYPSINS)

PAUNESCU, G., Conf.; ANTON, M., dr.; CIPLA, A., dr.; VREJOIU, Gh., dr.;
THEODORSCU, B., prof.

Anatomoclinical observations on a case of myocardial infarct
with unusual evolution. Med. intern., Bucur. 11 no.5:763-769 '60.
(MYOCARDIAL INFARCT, case reports)
(TACHYCARDIA PAROXYSMAL, etiology)
(ELECTROCARDIOGRAPHY)

RIEBEL, Otto; ANTON, Milan

On new methods for safe cataract extraction. Cesk. ofth. 16 no.2:
99-102 Mr '60

1. Oční klinika university v Brně, přednosta prof. MUDr. Jan Vanysek.
(CATARACT EXTRACTION)

KOZOUSEK, V.; ANTON, M.

Morphological studies on the pigment in melanoblastoma using the
electron microscope. Vest. oft. 73 no. 4:25-30 Jlr-Ag '60.
(MIRA 14:1)
(RETINA) (ORBIT (EYE)—TUMORS) (ELECTRON MICROSCOPY)

ANTON, Milan; DLUHOS, Maximilian; RIEBEL, Otto

Solitary choroid metastasis of thyroid adenoma. Cesk.ofth.17
no.2:137-140 Nr '61.

1. Oční klinika Lékařské fakulty university v Brně, přednosta
prof. Dr. So. MUDr. Jan Vanysek, II. patologickoanatomický ústav
v Brně, přednosta prof. MUDr. Maximilian Dluhos.

(CHOROID neopl)

(ADENOMA case reports)

(THYROID GLAND neopl)

ANTON, Milan; KUMSTAT, Zdenek; RIEBEL, Otto

Unexpected blindness as a complication after extirpation of the lacrimal sac. Cesk. ofth. 17 no.3:192-194 My '61.

1. Oční klinika lékařské fakulty J. Ev. Purkyně v Brně, přednosta prof. MUDr. Jan Vanysek, doktor lek. ved.

(LACRIMAL APPARATUS surg) (BLINDNESS etiol)

RIEBEL, Otto; ANTON, Milan; KUMSTAT, Zdenek

An unusual case of self-mutilation. Cesk. ofth. 17 no.4/5:396-397
Jl '61.

1. Oeni klinika lek. fak. University J. E. Purkyne predn. prof. MUDr.
Jan Vanysek, Dr. Sc.

(SELF-MUTILATION)

ANTON, Milan; RIEBEL, Otto

Effect of beta rays on healing of sclero-corneal lesions. Scr. med. fac.
med. Brunensis 34 no.6:293-296 '61.

1. Oční klinika lékařské fakulty university J. Ev. Purkyně v Brně
Prednosta prof. MUDr Jan Vanysek, doktor lékařských ved.

(WOUND HEALING radiation eff)
(SCLERA wds & inj)
(CORNEA wds & inj)

KOZOUSEK, Vladimír; ANTON, Milan

Morphological study of the pigments of the retina, choroid and iris with the electron microscope. Cesk. oftal. 18 no.1:13-16
Ja '62.

1. Oční klinika University J. Ev. Purkyně v Brně, přednosta prof.
dr. Jan Vanysek, DrSc.

(RETINA anat. & histol.)
(CHOROID anat. & histol.)

(IRIS anat. & histol.)
(PIGMENTS anat. & histol.)

ANTON, H.; RIEBEL, O.

On the problem of spontaneous intra-epithelial cysts. Cesk. oftal.
18 no.6:432-435 N '62.

1. Oni klinika lek. fak. University J.Ev. Purkyne v Brne, predn.
prof. dr. J. Vanysek.
(IRIS) (CYSTS)

ANTON, H.

Keratitis filamentosa and metatherapy. Cesk. oftal. 21 no.2:
121-124. Br '65.

1. Oční klinika lékařské fakulty University J.E. Purkyně, Brno
(predoctor: prof. dr. J. Wenzek, DrSc.).

ANTON, M.

On the treatment of epibulbar tumors. Cesk. oftal 21 no.4:
298-304 J1 '65.

1. Očni klinika lékařské fakulty University J.E. Purkyne
v Brně (prednosta prof. dr. J. Vanysek, DrSc.).

ANTON, M.

Clinical experiences with the use of strontium beta applicators
in the treatment of pterygia. Cesk. oftal. 21 no.4:318-323 J1
'65.

1. Oční klinika lékařské fakulty University J.E. Purkyne v Brně
(přednosta prof. dr. J. Vanysek, DrSc.).

ANTON, M.

On the effect of beta-ray therapy on the ingrowing of the
epithelium into the anterior chamber. Cesk. oftal. 21 no.5:
385-394 S '65.

1. Očni klinika lékařské fakulty v Brně (prednosta prof. dr.
J. Vanysek, DrSc.)

ANTON, M.; KUMSTAT, Z.; REHUREK, J.

Wegener's granulomatosis. Cesk. oftal. 21 no.6:484-490
N '65.

1. Oční klinika lékařské fakulty University J.E. Purkyně
v Brně (prednosta prof. dr. J. Vanysek, DrSc.).

Military Medicine

RUMANIA

POPESCU, P., Dr, Lt-Col, ~~ANTON, M.~~, Dr, Lt-Col, and NOVACEK, A.,
Dr, Cpt [affiliation not given]

"Aerial Health Evacuation."

Bucharest, Revista Sanitara Militara, Vol 62, No 2, Mar-Apr 66,
pp 371-382.

Abstract: The authors discuss the use of aircraft for the transportation of sick or wounded persons, emphasizing the advantages of this modern means and giving some details with regard to the transportation of persons suffering from different types of afflictions.

Includes 10 references, of which 2 French and 8 Rumanian.
-- Manuscript submitted on 6 August 1965.

MARINESCU, B., Dr, Col, TEOPHORESCU, G., Dr, Lt-Col, MIHADACHE,
~~Dr, Lt-Col, ANTON, M., Dr, Lt-Col, IACONI, D., Pharmacist,~~
Col, IONESCU, M., Pharmacist, Col, and MACARIU, G., Pharmacist,
Lt-Col [affiliation not given]

Studies on the Lipid Spectrum of Plasma in Some Categories
of Soldiers."

Bucharest, Revista Sanitara Militara, Vol 62, No 4, Jul-Aug 66,
pp 683-690.

Abstract: The authors studied the plasma lipid spectrum of a group of 224 healthy soldiers, average age 32 years, divided into 3 groups according to age and diet pattern. They found that the average range of cholesterolemia in the age range 25 to 35 years is normally 150 to 200 milligram-percent, with values above 250 definitely abnormal. A direct causal relation was found between the percentage of lipid calorogenic tropines in the diet and changes in the lipid spectrum of the plasma.

Includes 4 tables, 4 figures and 17 references, of which 7 Rumanian, 4 French and 6 English-language. -- Manuscript submitted 18 November 1965.

1/1

Alitai, Nina'

Good managers of construction sites work intensively. Consider
Bus 16 no. 77013 10 011

1. Social and Managing Division, Construction and Assembly
Trust No. 5, BRASCO.

ANTON, Milan

Automatic production line for machining electric motor frames.
Stroj vyr 10 no.2:59-61, 65 '62.

1. Moravskosleske elektrotechnicke zavody, n.p., Mohelnice.

ANTON, P.

Analyzing the achievements in the field of sinking vertical shafts.
Revista Minclor, #1:23:Jan 55

A' TOI, P.

A new kind of (mine) support: The suspended support. Revista Minelora
(Mining Journal), #3:92:Mar 15

ANDERSON, B.

Mechanization of Loading Operations in the Excavation of Galleries
(Demonstration of Various Kinds of Loaders and Loading Machines). Revista
Minelora (Mining Journal), #9:28h: Sept 55

ANTON, P.

Mechanization of Loading Operations in Excavations of Galleries (Part 2).
Revista Minelor (Mining Journal), #11:372: Nov 55

ANTON, P.

Prospects of the development of coal production in diredump mines with a view to blasting operations. p. 423.

REVISTA MINELOR. (Ministerul Minelor, Ministerul Industriei Petrolului si Chimiei, Directia Exploatarilor Miniere si Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania) Bucuresti, Rumania. Vol. 10, no. 10, Oct. 1959

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

Uncl.

ANTON, P.

Current problems in shaft boring. p. 460.

REVISTA MINELOR. (Ministerul Minelor, Ministerul Industrii Petrolului si
Chimiei, Directia Exploatarilor Miniere si Asociatia Stiintifica a Inginerilor
si Tehnicienilor din Romania) Bucuresti, Rumania. Vol. 10, no. 11, Nov. 1959

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

Uncl.

ANTON, P., ing.

An international conference of the directors of the research stations for industrial safety in coal mines. Rev min 13 no.2: 87-96 F '62.

1. Membru al Comitetului de redactie, "Revista minelor."

ANTON, P., ing.

International conference of the directors of the research centers for the technical safety in coal mines. Contd. from the no.2, 1962. Rev min 13 no.3:129-135 Mr '62.

1. Membru al Comitetului de redactie, "Revista minelor."

ANTON, P., ing.

The level, stages, and efficiency of automation in the mining industry of Rumania. Rev min 13 no.9:419-422 S '62.

1. Institutul de cercetari miniere.

ANTON, P., ing.

Report and Scientific Communication Session of the Mining
Research Institute. Rev min 14 no.7:317-318 J1 '63.

ANTON, P.S., ing.

Blasting with simple explosives mixtures. Pt.1. Rev min 15 no.2:56-61
F '64.

ANTON, P.S., ing.

Blasting with simple explosive mixtures. Pt. 2. Nov min 15 no.3:112-
117 Kr '64.

ANTON, F., ing.

Blasting with simple explosive mixtures. Pt. 3. Rev min 15
no. 4:161-163 Mr '64.

ANTON, P.S., ing.

Increase of profitability in metalliferous mines by a rational
organisation of ventilation. Rev min 12 no.9:385-389 S '61.

1. Institutul de cercetari miniere.

7
 ✓ Metallic complexes of N,N-bis(carboxymethyl)anthranilic acid. C. Drăgulețu, T. Simionescu, I. Menessy, and R. Arșina. *Acad. rep. populare Române, Baza cercetării științ. Timpocara, Studii cercetării științ., Ser. științe chim.* 6, No. 3-4, 3-19 (1959).—Cu complexes with the title compd. (ANDA) were studied photometrically. The results show that this acid forms with Cu a complex (1 Cu:1 acid). A 1:1 complex is formed which follows the Lambert-Beer law, the instability const. of the complex is $K_{cu} = 3.05 \times 10^{-4}$ for ionic strength $\mu = 0.1$. Using this complex the consts. for the resp. complexes of Ni and Th were also calcd.: $K_{Ni} = 1.62 \times 10^{-4}$ and $K_{Th} = 1.91 \times 10^{-10}$ for $\mu = 0.1$. The complex Cu-ANDA was isolated and studied. The anion $[Cu(ANDA)]^-$ is the anion of a strong acid in which the Cu ion has the coordination 4, being bound to 3 carboxyl groups and one N. The acid can be titrated potentiometrically with NaOH. The Na salt $Na[Cu(ANDA)]$ also was prepd. and isolated. This salt was used for the gravimetric detn. of Ag as slightly sol. $Ag[Cu(ANDA)]$. The Ni salt $K[Ni(ANDA)] \cdot 2H_2O$ was also prepd. and isolated.

5
 1-DAJ (MA)
 1-ALQ (9/29)

C. Heitner-Wergula

ANTON, ~~ROZALIA~~, ~~ROZALIA~~

ROMANIA/Chemical Technology. Chemical Products and Their Application. Fermentation Industry.

H-27

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15956.

Author : Biltiu Aurica, Anton Rozalia

Inst :

Title : Colorimetric Determination of pH at the Timiscara Brewery

Orig Pub: Rev. ind. aliment. prod. vegetale, 1957, No 5, 31-32

Abstract: Description of determination of the pH of beer by colorimetric method (of Michaelis). For this purpose use is made of 0.01 N solution of K_2CrO_4 and 0.02 N $K_2Cr_2O_7$ prepared with the use of standard solutions of para-dinitrophenol (0.1 g/100 ml water), gamma-dinitrophenol (0.1 g/200 ml water) and alpha-dinitrophenol (0.1 g/400 ml water); range of pH determination 2.8-7.0. Potentiometric determinations of the pH of the prepared standard solutions of gamma-di-

Card : 1/2

ANTON, R

TECHNOLOGY

PERIODICAL: REVISTA INDUSTRIAL ALIMENTARE. PRODUSE VEGETALE No. 7/8, 1958

ANTON, R. Increased germinating capacity of barley. p. 33

Monthly List of East European Accessions (FEAI) LC Vol. 8, no. 1
April 1959, Unclass

DRAGULESCU, C., Prof.; SIMONESCU, T.; MENESSY, I.; ANTON, R.

Metallic complexes of the anthranilic-N, N-diacetic acid. Studii chim
Timisoara 6 no.3/4:9-19 J1-D '59. (EAI 10:4)

1. Academia Republicii Populare Romine, membru correspondent al
Academiei R.P.R.; Comitetul de redactie, Studii si cercetari stiinte
chimice, redactor responsabil (for Dragulescu)

(Complex compounds)	(Metals)	(Anthranilic acid)
(Acetoacetic acid)	(Chelatometry)	(Colorimetry)
(Copper) (Thorium)	(Nickel)	(Silver) (Sodium)