

MANGUSHEV, K.I.

New method of organizing drilling and derrick-erecting  
operations. Neft. khoz. 39 no.3:66-67 Mr '61.

(MIRA 16:7)

(Ishimbay region--Oil well drilling)

(Cranes, derricks, etc.)

MANGUSHEV, N.I.; SERGEYEV, I.S.

Increasing well-drilling speeds. Neft. khoz. 41 no. 7:18-22 J1'63  
(MIRA 17:7)

GLEZER, V.D.; MANGUSHEV, R.G.; ATLAVIN, A.B.

Role of the neural factor in dark adaptation. Biofizika 5  
no. 2:152-157 '60. (MIRA 14:4)

1. Institut fiziologii im. I.P. Pavlova, Leningrad.  
(NIGHT VISION)

MANGUSHEV, R.I.

Effect of thiphen on the ballistocardiogram in patients with coronary  
insufficiency. Terap. arkh. 32 no. 7:58-62 J1 '60. (MIRA 14:1)  
(CORONARY HEART DISEASE) (BALLISTOCARDIOGRAPHY)  
(PARASYMPATHOLYTICS)

MANGUSHEV, R. I.

Cand Med Sci - (diss) "Effect of thiophene [tifen] on the cardiovascular system in patients with coronary insufficiency." Orenburg, 1961. 13 pp; (Ministry of Public Health RSFSR, Kazan' State Medical Inst); 260 copies; price not given; (KL, 7-61 sup, 260)

MANGUSHEV, S.

Increasing variety and improving quality. Mias. ind. SSSR 30 no.3:11  
'59. (MIRA 12:9)

1. Kiyevskiy sovnarkhoz.  
(Kiev--Sausages)

MANGUTOV, R.A.

The RKS-83 reeling and twisting frame for glass fibers. Biul.  
tekh.-ekon. inform. no.10:52-53 '59. (MIRA 13:3)  
(Glass fibers) (Textile machinery)

MANGUTOV, N.R.

First monograph on the Buryat socialist nation. Kraevd. sbor.  
no.7:134-139 '62. (MIRA 16:8)  
(Buryat A.S.S.R.--History)



MANGUTOV, Nikolay Romanovich; TYUSHEV, V.P., spets. red.; SUMKIN, A.N.,  
red. izd-va; ASTAKHOV, I.A., tekhn. red.

[Land reform in Soviet Buryat-Mongolia, 1917-1933] Agrarnye preob-  
razovaniia v Sovetskoii Buriatii; 1917-1933 gg. Ulan-Ude, Buriatskii  
kompleksnyi nauchno-issl. in-t, 1960. 213 p. (MIRA 14:11)  
(Buryat-Mongolia--Land tenure)

MOLCHANOV, G.N.; MANGUTOV, R.A.; PEREGUDOV, L.V.

Reliability of the numerical program control system for lathes.  
Stan. i instr. 36 no.5:7-9 My '65. (MIRA 18:5)

MANGUTOVA, S.A.

Species of aphids which damage the cotton plant and the  
Plotnikov aphid which cannot live on it. Dokl.AN Uz.SSR  
no.8:56-57 '59. (MIRA 12:11)

1. Kara-Kalpakskiy kompleksnyy nauchno-issledovatel'skiy  
institut. Predstavleno chlenom-korrespondentom AN UzSSR V.V.  
Yakhontovym.  
(Cotton--Diseases and pests) (Plant lice)

OTROSHCHENKO, O.S.; LEONT'YEV, V.B.; SADYKOV, A.S.; MANGUTOVA, Yu.S.;  
KORNEYCHUK, A.A.

Chemistry of dipyriddyis. Part 3: Reactivity of dipyriddyis.  
Zhur. ob. khim. 32 no. 7: 2304-2309 JI '64 (MIRA 17:8)

1. Tashkentskiy gosudarstvennyy universitet.

ACC NR: AP6033303

SOURCE CODE: UR/0409/66/000/004/0575/0578

AUTHOR: Leont'yev, V. B.; Mangutova, Yu. S.; Otroshchenko, O. S.; Sadykov, A. S.

ORG: Tashkent State University (Tashkentskiy gosudarstvennyy universitet)

TITLE: Chemistry of bipyridyls. Use of infrared spectra for determining the structure of substituted bipyridyls

SOURCE: Khimiya geterotsiklicheskih soyedineniy, no. 4, 1966, 575-578

TOPIC TAGS: IR spectrum, bipyridyl, *molecular structure*

ABSTRACT: IR spectra of a series of bipyridyl derivatives ( $\alpha,\alpha'$ -,  $\alpha,\beta'$ - and  $\gamma,\gamma'$ - isomers) were studied in order to find a rapid and reliable method of identifying the structure of substituted bipyridyl molecules. To this end, use was made of a method of determining the structure of benzene derivatives, in the case of which it is known that the frequencies of cophasal extraplanar deformation vibrations of the C-H bonds in the aromatic ring depend on the number and relative position of the substituents and only very little on their nature. An examination of the bands in the 950-650  $\text{cm}^{-1}$  range leads to the conclusion that the extraplanar vibrations of the C-H bonds of the aromatic rings of bipyridyls retain their characteristics, so that the data obtained permit one to correlate the frequencies of the extraplanar vibrations of bipyridyls and their derivatives with the spectra of the corresponding pyridine and benzene

Card 1/2

UDC: 547.828+543.422

ACC NR: AP6033303

derivatives. Orig. art. has: 1 figure and 1 table.

SUB CODE: 07/ SUBM DATE: 08Feb65/ ORIG REF: 002/ OTH REF: 008

Card 2/2

MANHAJN, Miksa, Dr. (Beograd)

A new treatment of the incipient phase of varicose veins. Med.  
glasn. 9 no.5:194-196 May '55.

(VARICOSE VEINS, ther.  
vitamin B, results (Ser))

(VITAMIN, B., ther use,  
varicose veins, (Ser))

HAVEL, J.; MANHAL, J.

Our experiences with intestinal malrotations. Rozhl. chir. 42  
no.2:126-129 F '63.

1. I. chirurgická klinika lékařské fakulty KU v Plzni, přednosta  
doc. dr. J. Spinka.

(INTESTINAL OBSTRUCTION) (UMBILICAL HERNIA)  
(INFANT NEWBORN DISEASES)



L 24685-65 EED-2/EEO-2/EWT(d) Pj-4/Pn-4

ACCESSION NR: AP3003429

Z/0040/63/000/007/0202/0205

AUTHOR: Manhal, Milan (Engineer)

TITLE: VKV TESLA communications receivers 6

29  
B

SOURCE: Letecky obzor, no. 7, 1963, 202-205

TOPIC TAGS: communication receiver, flight control receiver, dispatcher station receiver, simple heterodyne detection, heterodyne circuit, signal noise ratio, noise factor, distortion

ABSTRACT: This article, which describes the design and operation of the VKV TESLA type K 13 A receiver, recently assigned as standard equipment to the Statni letecke sprava (Czechoslovak State Airlines Administration), is intended for the instruction of airport dispatchers and maintenance personnel. The K 13 A receiver, which in design and operation is distinct from the other VKV equipment used in the CSR, has been put into operation for flight control and flight safety service principally as a control and emergency reserve receiver at the dispatcher's station, and as standard equipment at the recently established VKV radio-receiving centers. The requirements of all components interested in VKV

Card 1/2

L 24835-65

ACCESSION NR: AP3003429

receivers were incorporated into the design of the K 13 A, resulting in the development of a piece of equipment of high universality. The receiver uses a heterodyne circuit with simple heterodyne detection, employing one frequency band of the oscillator with the aid of a multiplier and operating in the following bands: I. 24--40 Mc; II. 40--60 Mc; III. 56--88 Mc; IV. 88-136 Mc; V. 120--184 Mc. Its sensitivity is  $A 1 < 1 \mu v$  for a signal-to-noise ratio of 10 db; For the A 3 F 3 the noise factor is 6--12; the distortion is less than 5%. Orig. art. has: 6 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EC

NO REF SOV: 000

OTHER: 000

Card 2/2

MANIA, Wladyslaw, inż.

Influence of the factory circles of the scientific and  
technological associations of the Central Technical  
Organization on the production of grain milling equipment  
for export. (Szegl techn. 86 no. 6, 1976, p. 165).

MANIACEK, J.

Graduation tests in vocational industrial schools. p. 464

TECHNICKA PRACA. Bratislava, Czechoslovakia, Vol. 7, No. 10, Oct. 1955

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959  
Uncl.

MANIAKOWSKI, F.

Axioms of a pseudogroup. *Bul Ac Pol mat* 12 no.4:197-201 '64.

1. N. Copernicus University, Torun, Presented by A. Mostowski.

MANIAVSKI, F.

POLAND/Physical Chemistry - Molecule, Chemical Bond.

B-4

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3591.

Author : A. Budzanowski, K. Grotowski, J.A. Janik, F. Maniavski,  
H. Rzany, A. Szkatula, A. Wanic.

Inst : Academy of Sciences of Poland.

Title : Estimation of The Potential Barrier Height of Torsional Ro-  
tation in CH SH Molecules by Means of Slow Neutron Scattering.

Orig Pub: Bull. Acad. polon. sci., 1957, Cl. 3, 5, No 3, 295-297.

Abstract: An estimation of the potential barrier height of internal tor-  
sional rotation  $V_0$  of the methyl mercaptan molecule  $\text{CH}_3\text{SH}$  was  
carried out by the method of thermal neutron scattering. The  
neutron source was 100  $\mu$  curie of Ra mixed with Be according  
to the reaction ( $\alpha, n$ ). The effective crosssection for the  
CH SH molecule ( $\sigma_{\text{CH}_3\text{SH}} = 194.1 \pm 5$  barn), determined by the  
method of relative beam attenuation, was measured. Water was  
used as the standard liquid ( $\sigma_{\text{H}_2\text{O}} = 91$  barn). The effective

Card : 1/2

-50-

MAJ/AUSKI, F

Estimation of the height of the potential barrier of hindered rotation in the MeSH molecule by means of thermal neutron scattering. Ch. Bujakowski, K. Grotowski, J. A. Janik, W. Koja, F. Maniowski, H. Rianay, A. Szabat, and A. Wanic (Polish Acad. Sci., Warsaw). *Acta Phys. Polon.* 16, 345-352 (1971). Cf. *ibid.* 12, 545; *Kinh. C.A.* 50, 1468d. In this paper the potential barrier height  $H$  of internal hindered rotation of MeSH was estd. by means of a method based on the scattering of thermal neutrons with a Maxwellian energy distribution (mean neutron energy, 0.037 e.v.). The cross section of MeSH mols. measured by thermal neutron scattering was  $(194.5 \pm 5) \text{ b.}$ , detd. by the method of relative attenuation of the beam.  $\text{H}_2\text{O}$  was used as a standard liquid ( $\sigma_{\text{H}_2\text{O}} = 91 \text{ b.}$ ). The cross section for rigid MeSH mols. calcd. on the basis of the theory of Sachs and Teller (*C.A.* 35, 5783') was  $\sigma_{\text{rigid}} = 228 \text{ b.}$  By assuming  $H = 705 \text{ cal./mole}$  and by taking into account the hindered rotation and the vibration of the atoms, the cross section of the MeSH mols. is calcd. to be  $\sigma_{\text{vibrot}} = 302 \text{ b.}$  The cross section for collisions that are elastic with regard to hindered rotation was also calcd. under the assumption that  $H = 1460 \text{ cal./mole}$ , this value being obtained by thermodynamic methods. The discussion of the results leads to the conclusion that a height of 705 cal./mole found by microwave spectroscopic methods should be ascribed to the potential barrier in MeSH rather than the value obtained by thermodynamic methods. H. H. Jaffé

RM

RM

MANIAWSKI, F.

POLAND/Atomic and Molecular Physics -- Physics of the Molecule. D

Abs Jour : Ref Zhur Fizika, No 2, 1960, 3178

Author : Janik, J.A., Maniawski, F., Rzany, H.

Inst : Institute of Nuclear Research, Krakow, Poland

Title : Theoretical Calculation of the Slow Neutron Scattering Cross Section of the Ethylene Molecule

Orig Pub : Acta phys. polon., 1950, 17, No 6, 489-490

Abstract : The theory of scattering of slow neutrons by molecules in the gas phase, developed by Krieger and Nelkin (Referat Zhur Fizika, 1958, No 8, 17603), is applied to the ethylene molecule. The results of the calculations in the energy interval of scattered neutrons from 0.005 to 0.07 ev, are in good agreement with the experimental data. For greater energies the theoretical curve lies somewhat below the experimental points. This discrepancy

Card 1/2

- 30 -



POLAND/Atomic and Molecular Physics -- Physics of the Molecule.      D

Abs Jour    :    Ref Zhur Fizika, No 2, 1960, 3178

is explained by the effect of inelastic scattering, it becomes necessary to assume here that in the  $C_2H_4$  molecule the first excited level of energy may not be at  $810 \text{ cm}^{-1}$ , but below  $560 \text{ cm}^{-1}$ . -- A.Pshenichnov

Card 2/2

29568

P/046/60/005/007/007/007  
D238/D304

26.2242

**AUTHORS:** Janik, Jerzy A., Janik, Janina, Kraśnicki, Szczęsny,  
Maniawski, Franciszek, Murasik, Andrzej, Rżany, Henryk,  
Szkutka, Antoni, Ściesiński, Jan, and Wanic, Adam

**TITLE:** On the scattering of thermal neutrons in molecules  
containing hydrogen

**PERIODICAL:** Nukleonika, v. 5, no. 7-8, 1960, 495 - 499

**TEXT:** Investigations carried out in this field can be divided into  
the following areas: 1) Verification of the neutron scattering  
theory by molecules of molecular gases. 2) Examination of the struc-  
ture of liquids by determining how far the active cross sections  
obtained experimentally differ from neutron scattering derived from  
theory. 3) Neutron scattering on polarized molecules. 4) Neutron  
scattering by molecules which show an oscillation level in the re-  
gion of thermal energy. After mentioning the T.I. Krieger- M.S.

Card 1/8

20568

P/046/60/005/007/007/007  
D238/D304

On the scattering of ...

Nelin formula for the active cross section of neutron scattering in an atom of a molecule as a function of the sample temperature, the geometric molecular structure and the neutron energy, the authors indicate the exhaustive calculations of Krieger and Nelkin -- to prove their theory -- for the molecules  $\text{CH}_4$  and  $\text{H}_2$  and which established their agreement with E. Melkonian's experimentally obtained data in the field of energy. Similar calculations have been carried out in the Cracow Center for the molecule  $\text{C}_2\text{H}_4$ , and the results compared with measurements made by Melkonian; as a result, an identical agreement has been established between experiments and theory (Ref. 3: J.A. Janik, F. Maniawski, and H. Rżany: Acta Phys. Polon. 17, 489, 1958). In addition measurements have been made in the EWA-reactor with gas molecules of  $\text{NH}_3$  (Fig. 2); in these an aluminum crystal was employed as neutron monochromator. Results obtained in this way conform fully with the Krieger-Nelkin theory (Ref. 4: J.A. Janik, J. Janik, and A. Wanic: Physica 26, 449, 1960).

Card 2/8

On the scattering of ...

20568  
P/046/60/005/007/007/007  
D238/D304

Fig. 2. Active cross-section of neutron scattering of  $\text{NH}_3$  molecules as a function of neutron energy.  $\circ$  - experiments for gaseous  $\text{NH}_3$ ;  $\bullet$  - experiments for liquid  $\text{NH}_3$ . Curve calculated on the basis of the Krieger - Nelin theory for gaseous  $\text{NH}_3$ .

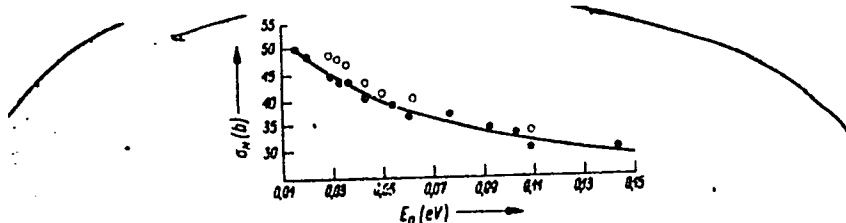


Abb. 2. Wirkungsquerschnitt auf die Neutronenstreuung der  $\text{NH}_3$ -Molekülen als Funktion der Energie der Neutronen.  $\circ$  - Experimente für den gasförmigen  $\text{NH}_3$ ;  $\bullet$  - Experimente für den flüssigen  $\text{NH}_3$ . Kurve berechnet auf Grund der Theorie von Krieger und Nelkin für den gasförmigen  $\text{NH}_3$ .

Card 3/8

20568

P/046/60/005/007/007/007  
D238/D304

On the scattering of ...

The results obtained by Melkonian on neutron scattering by water in a liquid state were compared with the Krieger-Nelkin theory for gaseous H<sub>2</sub>O. Measurements of neutron scattering in NH<sub>3</sub> and H<sub>2</sub>S were also carried out with the use of crystal monochromators (Ref. 5: A. Wanic: Acta Phys. Polon. 18, 255, 1959). The results obtained show a systematic increase of the active cross section as one passes from gases to liquids. These experimental facts can also be interpreted as answering the question, to what extent free molecular rotation is impossible in the fluid state. In the case of liquid water and ammonia, this determination is in agreement with the well known fact that the association in these liquids through hydrogen bonding is strengthened. In liquid hydrogen sulphide, for which there are inadequate physico-chemical data on hydrogen bonding evidence, the impossibility of free rotation is caused perhaps by a strong molecular packing. At the Cracow Center for Nuclear Physics, measurements have been made of the influence of molecular polarization, in which an easily polarizable liquid (in a crystal-fluid

Card 4/8

On the scattering of ...

Fig. 4.

20568  
P/046/60/005/007/007/007  
D238/D304

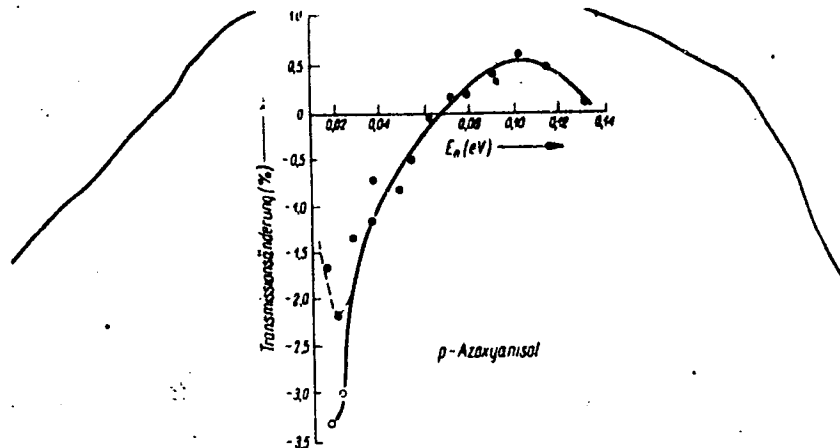


Abb 4. Transmissionsänderung der Neutronen als Funktion der Energie der Neutronen für den kristallflüssigen p-Azoxyanisol bei dem Übergang vom polarisierten zu unpolarisierten Zustand

Card 5/8

● — Experimentale Ergebnisse; ○ — nach der Korrektur für die Streuung der zweiten Ordnung

44

On the scattering of ...

P/046/<sup>20568</sup>60/005/007/007/007  
D238/D304

Fig. 4. (cont'd) Alteration of transmission of neutrons as a function of energy of the neutrons for liquid crystal para-azoxyanisol when passing from polarized to unpolarized state. ● - experimental results; ○ - after correction for scattering of the second order.

state), namely so-called P-Azoxyanizol has been used in the magnetic field. (Ref. 6: J. Janik, S. Kraśnicki, and A. Murasik: Acta Phys. Polon. 17, 483, 1958). The results of initial measurements have already been published (Ref. 6: Op.cit.) and further measurements are in progress. The main results are presented in Fig. 4. Experimental points and the curves drawn through them represent the percentage alteration in test transmission due to polarization of its molecules by a magnetic field, in relation to the decrease of polarization. This change is, as can be seen, a function of the energy of neutrons and indeed causes the neutron polarization of the sample; in the case of low energies a lowering and in the case of high energies a rise of neutron transmission occurs. This rela-

Card 6/8

20568

P/046/60/005/007/007/007  
D238/D304

On the scattering of ...

tionship can be explained to a semiquantitative degree on the basis of the Krieger-Nelkin theory; it is necessary to assume here that the  $\text{CH}_3$  groups at the end of the p-azoxyanisol molecule carry out a restricted rotational movement about the co-axis, while on the other hand the whole molecule carries out free rotation about the longitudinal axis. Where molecules have an oscillatory level in the energy region, one should expect a local maximum of the relationship between active cross sections and neutron scattering of the energy of these neutrons. This maximum should appear for the particular neutron energy which is necessary to create this oscillation level. Measurements have been made for liquid  $\text{CH}_3\text{SH}$  and, in fact, a local maximum of active cross section has been obtained where the level of oscillation of the internal restricted rotation was located. Measurements for gaseous  $\text{CH}_3\text{SH}$  are in progress; it can be already stated that in gaseous methylmercaptan there are two further local maxima in the vicinity of restricted rotation which could be shown as proof of the existence of levels of restricted rotation.

Card 7/8



On the scattering of ...

20568  
P/046/60/005/007/007/007  
D238/D304

This research was carried out in the EWA-reactor in Swierk with the aid of a slow chopper built by the Cracow Center for Nuclear Physics. There are 4 figures and 6 references: 4 Soviet-bloc and 2 non-Soviet-bloc. [Abstractor's note: This article is written in German].

ASSOCIATION: Polnische Akademie der Wissenschaften, Institut für Kernforschung, Warszawa;  
Neutronenlaboratorium des Krakauer Zentrums für Kernphysik (Polish Academy of Sciences, Warsaw Institute of Nuclear Research;  
Neutron Laboratory of the Cracow Center for Nuclear Physics)

SUBMITTED: May 9, 1960

Card 8/8

4

MANIAWSKI, Franciszek; PARLINSKI, Krzysztof

Slow neutron scattering by benzene molecules. Nukleonika 8  
no. 9: 581-586 '63.

1. Institute of Nuclear Physics, Krakow 23.

ACCESSION NR: AP4005911

P/0046/63/008/009/0581/0586

AUTHOR: Maniawski, Franciszek; Parlinski, Krzysztof

TITLE: Slow neutron scattering by benzene molecules

SOURCE: Nukleonika, v. 8, no. 9, 1963, 581-586

TOPIC TAGS: slow neutron, neutron scattering, benzene molecule, neutron cross section, cross section, scattering cross section, total cross section, angular distribution, thermal neutron

ABSTRACT: The total neutron scattering cross section for each proton bound in the benzene molecule was measured. Total neutron cross section measurements were made in two different vessels (0.71 and 0.60 cm thick) at room temperature by using a slow chopper and a time of flight technique applying a simple transmission method (T. Niewadowski, A. Szkatula and J. Sciesinski. "Nukleonika," 7 (1962) 231). Findings are compared to data of other researchers by way of curves. Authors' findings show that their experimental points are in best agreement with Boffi's curve (V.C. Boffi, V.G. Molinari and D.E. Parks, International

Card 1/2

ACCESSION NR: AP4005911

Atomic Energy Agency, Vienna, 1963) in the 50 meV energy range, and with the Krieger and Nelkin curve (T.J. Krieger, M.S. Nelkin. Phys. Rev., 106, (1957), 290) in the 5 meV range. Angular distribution of neutron scattering was also measured for an incident energy of  $70 \pm 3$  meV. The monoenergetic neutron beam was obtained by Bragg reflection from a zinc monocrystal. The measurements of the relative angular distribution was made at 400K for gaseous benzene in a cylindrical vessel and at room temperature in a flat-sided vessel for liquid benzene. Results were compared with findings of other researchers. Deviation between experimental and theoretical values for small angles is probably due to coherent scattering of carbon. Deviations between experimental and theoretical values for large angles is probably due to inelastic vibrational transitions." "Authors wish to thank Prof. H. Niewodniczanski for his kind interest, Prof. J. Janik for many valuable discussions, and Mr. H. Rzany for aid in carrying out the measurements." Orig. art. has 2 figures and 7 equations.

ASSOCIATION: Institute of Nuclear Physics, Cracow

SUBMITTED: 00

DATE ACQ: 24Jan64

ENCL: 00

SUB CODE: NS

NO REF SOV: 001

OTHER: 010

Card 2/2

POLAND/Atomic and Molecular Physics - Physics of the Molecule

Abs Jour: Ref Zhur - Fizika, No 10, 1958, No 22549

Budzanowski A., Grotowski K., Janik J. A., Kolos W., Maniawski R., Rzany H., Szkatula A., Wanic A.:

"Estimation of the Height of the Potential Barrier of Hindered Rotation in the CH<sub>3</sub>SH Molecule by Means of Thermal Neutron Scattering." Acta phys. polon., 1957, 16, No 5, 335-342

Manica, M.

Origin and development of the Botanical Center in Zvolen. p. 553.

BIOLOGIA, Bratislava, Czechoslovakia, Vol. 14, no. 7, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 10, 1959 -Oct.  
Uncl.

SLOBODA, Eva; BUIMOVICI-KLEIN, Elera; DAN, B.; avec la collaboration de:  
MANICATIDE, E.; GHEORGHE, Maria; SINCA, Geta

Enterovirus viremia and homologous serological conversion  
concomitant with non-enteroviral syndromes. (Preliminary  
note). Arch. Roum. path. exp. microbiol. 23 no.4:1061-1069  
D '64.

1. Institut "Dr. I. Cantacuzino", Service des Enterovirus  
(for Sloboda, Buimovici-Klein) et Clinique de Maladies Conta-  
gieuses No.1, Bucarest (for Dan). Submitted June 26, 1964.

KONDI, V., dr.; IACOBESCU, A., dr.; BALAN, St., dr.; MANICATIDE, E.T., dr.

Congenital hypoproconvertinemia. Med. intern., Bucur 12 no.12:  
1913-1917 D '60.

(BLOOD COAGULATION)



MANICATIDE, E. T., dr.; PETRESCU COMAN, V., conf.; PAUN, Florica; BUSULENGA, C.;  
TEODORU, I.; ENE, Adela

Clinical aspects of pleuropulmonary staphylococci in children. Micro-  
biologia (Bucur) 6 no.1:30 Ja-F '61.

MANICATEDS, R.

Winners of the State Prize. p. 11.

Vol. 2, no. 1, Jan 1956  
ARIFILE PATRIEI  
Bucuresti, Rumania

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

PONOMARENKO, A.V., dotsent; SALOV, P.S.; GERSHENOVICH, O.Z., student;  
MANICH, Zh.P., student

Granulated hexachlorocyclohexane in the control of wireworms.  
Zashch. rast. ot vred. i bol. 8 no.10:18-19 0 '63.

(MIRA 17:6)

1. Rostovskiy universitet (for Ponomarenko, Gershenovich,  
Manich). 2. Glavnyy agronom sovkhoza "Myasnikovskiy"  
Rostovskaya obl. (for Salov).

ABDULIN, A.; ALEKSEYEV, I.; BANTLE, O.; BOBROV, L.; BOZHANOV, B.;  
BOYKO, V.; BONDAREV, K.; BORZOV, V.; VERKHOVSKIY, N.; GUBAREV, V.;  
GUSHCHEV, S.; DEBABOV, V.; DIKS, R.; DMITRIYEV, A.; ZHIGAREV, A.;  
ZEL'DOVICH, Ya.; ZUBKOV, B.; IRININ, A.; IORDANSKIY, A.;  
KITAYGORODSKIY, P.; KLYUYEV, Ye.; KLYACHKO, V.; KOVALEVSKIY, V.;  
KNORRE, Ye.; KONSTANTINOVSKIY, M.; LADIN, V.; LITVIN-SEDOY, M.;  
MALEVANCHIK, B.; MANICHEV, G.; MEDVEDEV, Yu.; MEL'NIKOV, I.;  
MUSLIN, Ye.; NATARIUS Ya.; NEYFAKH, A.; NIKOLAYEV, G.; NOVOMEYSKIY, A.;  
OL'SHANSKIY, N.; OS'MIN, S.; PODOL'NIY, R.; RAKHMANOV, N.; REPIN, L.;  
RESHETOV, Yu.; RYBCHINSKIY, Yu.; SVOREN', R.; SIFOROV, V.; SOKOL'SKIY, A.;  
SPITSYN, V.; TEREKHOV, V.; TEPLOV, L.; KHAR'KOVSKIY, A.; CHERNYAYEV, I.;  
SHAROL', L.; SHIBANOV, A.; SHIBNEV, V.; SHUYKIN, N.; SHCHUKIN, O.;  
EL'SHANSKIY, I.; YUR'YEV, A.; IVANOV, N.; LIVANOV, A.; FEDCHENKO, V.;  
DANIN, D., red.

[Eureka] Evrika. Moskva, Molodaia gvardiia, 1964. 278 p.  
(MIRA 18:3)

ACC NR: AP6023584 (A) SOURCE CODE: UR/0084/66/000/007/0022/0022

AUTHOR: Manichev, S. (Engineer)

ORG: State Scientific Research Institute of Civil Aviation (Gosudarstvennyy nauchno-issledovatel'skiy institut grazhdanskoy aviatsii)

TITLE: Main terminal airfield

SOURCE: Grazhdanskaya aviatsiya, no. 7, 1966, 22

TOPIC TAGS: aircraft maintenance, civil air fleet, terminal airfield, airfield

ABSTRACT: Aeroflot field maintenance systems and organization of regular inspection, maintenance and repair operations at airfields are analyzed. A comparison between old and the new so-called stage repair method introduced in 1964 is made, and their effectiveness shown on examples of Dushambe, Tbilisi, Baku, and Alma Ata airfields is analyzed. Considerations presented refer to servicing and maintenance of Il-14 and Il-18 transport aircraft with respect to 100 flight hours, 500, 1000, 2000, and 1500, 2200, and 4200 flight hours. The necessity of scheduling air traffic coordinated with flight service is substantiated and some suggestions are given. Orig. art. has: 2 diagrams. [KP]

SUB CODE: 01/SUBM DATE: none/

Card 1/1

MANICULESCU, Anisoara, ing.

Theoretical and technological problems in urea production.  
Rev. chimie Min. petr. 12 no. 8:478-489 Ag 61.

MANICKI, J.; WIGURA, A.

~~MANICKI, J.; WIGURA, A.~~  
Evaluation of Philips' and van Slyke's tests in postoperative states. Polski tygod.lek. 5 no.39-40:1390-1396 2 Oct 50.  
(CML 20:5)

1. Of the Second Surgical Clinic (Head--Prof.Jan Mossakowski,M.D.)  
of Warsaw Medical Academy.

MANICKI, J.; RACZYNSKA-BOJANOWSKA, K.; JURECKA, B.; CHMIELEWSKA, I.

Investigations of the effect on the animal organism of amino acids obtained by hydrolysis of whole animal blood. Polski tygod. lek. 6 nos.13-14:501-506 2 Apr 1951. (CJML 20:11)

1. Of the Second Surgical Clinic (Head -- Prof. Jan. Mossakowski, M.D.) of Warsaw Medical Academy and of the Department of Biochemistry of the Central Institute of Industrial Chemistry.



RACZYNSKA-BOJANOWSKA, K.;BELZECKA, K.;MANICKI, J.

Protein hydrolysate of bovine blood administered intravenously and its utilization by the human organism. Acta physiol. polon. 3 Suppl. 3: 169-172 1952. (CML 24:1)

1. Of the Department of Biochemistry (Head--Docent J. Chmielewska, M.D.) of the Institute of Pharmacology and of the Second Surgical Clinic (Head --Prof. J. Mossakowski, M.D.) of Warsaw Medical Academy.

MANICKI, J.

Postoperative nitrogen balance. Polski tygod. lek. 7 no. 44:1397-  
1398 3 Nov 1952. (CJML 24:1)

1. Of the Second Surgical Clinic (Head--Prof. Jan Mossakowski, M.D.)  
of Warsaw Medical Academy.

MANICKI, Jerzy

Two cases of esophageal cancer located above the aortic arch.  
Polaki tygod. lek. 9 no.48:1558-1560 29 Nov 54.

1. Z II Kliniki Chirurgicznej A.M. w Warszawie; kierownik kliniki prof. dr med. Jan Mossakowski.  
(ESOPHAGUS, neoplasms,  
case reports)

MANICKI, J.

Cardiac wounds. Polski przegl.chir. 26 no.11 Suppl.:298-300 1954.  
(HEART, wounds and injuries)  
(WOUNDS AND INJURIES,  
heart)

MANICKI, Jerzy

BUCZYNSKA, Irena; MANICKI, Jerzy

Intravenous infusion of hydrolysates of full bovine blood in liver diseases; level of amino acids in urine as liver function test. Polski tygod. lek. 10 no.5:151-156 1 Feb 55.

1. Z II Klin. chir. A.M. w Warszawie; kier. prof. dr. med. J. Mossakowski.

(LIVER, diseases

ther., intravenous infusion of hydrolysates of full bovine blood)

(LIVER FUNCTION TESTS

amino acid level in urine in intravenous infusion of full bovine blood)

(AMINO ACIDS, in urine

liver funct. test, eff. of intravenous infusion of full bovine blood)

(URINE

amino acid level in liver funct. test, eff. of intravenous infusion of full bovine blood)

MANICKI, Jerzy; SIERPINSKI, Maciej; STANKIEWICZ, Lech

Effect of stimulation of the vagus nerve on nitrogen balance in dogs. Polski tygod.lek. 10 no.24:811-812 13 June '55.

1. Z II Kliniki Chirurgicznej A.M. w Warszawie; kierownik: prof.dr med.Jan Mossakowski) Jablonna, k. Warszawy, ul. Modlinska 63.

(NERVES, VAGUS, physiology,

eff. of stimulation on nitrogen balance in dogs)

(NITROGEN, metabolism,

eff. of vagus stimulation in dogs)

MANICKI, Jerzy.

High fat diet before and after surgery. Polski tygod. lek.  
10 no.40:1321-1324 3 Oct 55.

1. Z II Kliniki Chirurgicznej A.M. w Warszawie: kier. klinik:  
prof. dr. med. J.Mossakowski. Jablona k/Warszawy, ul. Modinska 63.

(DIETS,

high fat, preop. & postop., review)

(PREOPERATIVE CARE,

high fat diets, review)

(POSTOPERATIVE CARE,

high fat diets, review)

(FATS, high fat diets before & after surg., review)

MANICKI, Jerzy

Invagination of efferent loop of intestines into the stomach after gastroenterostomy. Polski przegl.chir. 27 no.1:19-23 Jan 55.

1. Z II. Kliniki Chirurgicznej A. M. w Warszawie. Kierownik Kliniki: prof. dr J. Mossakowski.

(STOMACH, surgery,

gastroenterostomy causing intestinal intussusception into stomach)

(INTESTINES, diseases,

intussusception into stomach after gastroenterostomy)

(STOMACH, diseases,

intestinal intussusception after gastroenterostomy)

(INTUSSUSCEPTION,

intestinal into stomach after gastroenterostomy)



CHROSCICKI, Stanislaw; MANICKI, Jerzy

Acute perforated appendicitis treated by a tight peritoneal suture.  
Polski przegl.chir. 27 no.2:127-134 Feb 55.

1. Z Kola Naukowego przy II Klinice Chirurg. A. M. w Warszawie.  
Kierownik kliniki: prof. dr J.Mossakowski.

(APPENDICITIS, complications,  
perf., surg., use of peritoneal suture)

MANICKI, JERZY

BUSZYNSKA, Irena, MANICKI, Jerzy

Intravenous utilisation of hydrolysate of cattle whole blood in liver diseases; amount of amino nitrogen in urine as a liver function test. Polski przegl.chir. 27 no.9:861-863 Sept. '55.

1. Z II Kliniki Chirurgicznej A M w Warszawie. Kierownik Kliniki: prof. dr J.Mossakowski.

(LIVER, diseases

ther., intravenous admin. of hydrolysate of whole blood of cattle, eff. on amount of amino nitrogen in urine )

(SEROTHERAPY, in various diseases

hydrolysate of whole blood of cattle, intravenous admin., eff. on amount of amino nitrogen in urine)

(URINE

amino nitrogen, eff. of intravenous hydrolysate of whole blood of cattle in ther. of liver dis.)

(NITROGEN, in urine

amino nitrogen, eff. of intravenous hydrolysate of whole blood of cattle in ther. of liver dis.)

MANICKI, Jerzy; SIERPINSKI, Maciej; STANKIEWICZ, Lech; RESZKE, Halina;  
ZIENKIEWICZ, Konrad.

The effect of high-fat diet on protein absorption in patients with esophageal strictures. Polski tygod. lek. 11 no.2:49-52 9 Jan 56.

1. Z II Kliniki Chirurgicznej A.M. w Warszawie: kier: Kliniki: prof. dr. med. Jan Mossakowski. Jablonna k. Warszawy, ul. Modlinska 63.

(ESOPHAGUS, stenosis

protein metab. in, eff. of high-fat diet)

(PROTEIN, metab.

in stenosis of esophagus, eff. of high-fat diet)

(DIETS

high-fat, eff. on protein metab. in esophageal stenosis)

(FATS, eff.

high-fat diet, eff. on protein metab. in esophageal stenosis)

EXCERPTA MEDICA Ser. 6 Vol. 11/9 Sept. 57

MANICKI J.

5536. MANICKI J., SIERPIŃSKI M., SIANKIEWICZ L., RESZKE H. and ZIENKIEWICZ K. II. Klin Chir. A.M., Warszawa. "Wpływ diety obfitującej w tłuszcz na przyswajanie białka u chorych ze zwężeniem przełyku. The influence of high fat diet on the protein absorption in patients with oesophageal stricture POL. TYGODNIK. 1956, 22, 2 (49-53) Tables 3 illus. 2

A fluid diet consisting of 1 litre of milk, 300 g. of powdered milk, 200 g. of sugar, 500 ml. of cream and 6 eggs was given to 6 dogs previously starved. The percentage of liver fat of these dogs diminished on this diet and the liver protein increased. All dogs did well. Then this diet was administered to 20 patients awaiting operation. In 5 of them nitrogen balance studies were made. During this feeding the state of all patients was very good. There were no signs of fat intolerance and the nitrogen balance became strongly positive. The absorption of nitrogen appears to be more rapid in the presence of fat in the diet. Manicki - Warsaw (VI, 9\*)

MANICKI, Jerzy

Case of late hemorrhage from ruptured spleen. Polski przegl.  
chir. 28 no.3:303-305 Mar 56.

1. Z II Kliniki Chirurgicznej A.M. w Warszawie Kierownik: prof.  
dr. J. Mossakowski, Jablonna k/Warszawy, ul. Modlinska 63.

(SPLEEN, rupture,  
with late hemorrh. (Pol))

(HEMORRHAGE,  
spleen, late in rupt. (Pol))

MANICKI, Jerzy

Preoperative and postoperative protein metabolism. Polski  
przeł. chir. 28 no.8:817-828 Aug 56.

1. Z II Kliniki Chirurgicznej A.M. w Warszawie. Kierownik:  
prof. dr. J. Mossakowski. Warszawa, ul. Gen. Swierczewskiego  
67.

(SURGERY, OPERATIVE,  
preop. & postop. protein metab. (Pol))  
(PROTEINS, metabolism,  
preop. & postop. (Pol))

MANICKI, Jerzy

Studies at the Second Surgical Clinic of the Academy of Medicine  
in Warsaw on preoperative and postoperative periods. Polski przegl.  
chir. 28 no.8:841-843 Aug 56.

1. Z II Kliniki Chirurgicznej A.M. w Warszawie. Kier.: prof. dr.  
J. Mossakowski. Warszawa, ul. Gen. Swierczewskiego 67.  
(SURGERY, OPERATIVE,  
preop. & postop. periods (Pol))

MANICKI, Jerzy; NIEMIERKO, Jan

Effect of sleep on nitrogen balance in postoperative patients.  
Folski tygod. lek. 12 no.6:201-204 4 Feb 57.

1. (Z II Kliniki Chirurgicznej A.M. w Warszawie; kierownik Kliniki:  
prof. dr. med. J. Mossakowski). Adres: Jablonna k/W-wy ul.  
Modlinska 63.

(NITROGEN, metab.

eff. of sleep in postop. period (Pol))

(SURGERY, OPERATIVE

postop. nitrogen balance, eff. of sleep (Pol))

(SLEEP, eff.

on postop. nitrogen balance (Pol))



MANICKI, Jerzy

Case of torsion of middle lobe after removal of superior lobe  
of right lung. Polski tygod. lek. 12 no.11:392-393 11 Mar 57.

1. (Z oddz. Ftyzjochirurgii I.D. i S.K.L. w Zakopanem; kierownik:  
prof. dr. med. Wit Rzepecki, Sanatorium im dr. O. Sokolowskiego;  
dyr. lek. St. Mlekodaj). Adres: Jablonna k/V-wy; ul. Modlinska 63.

(LUNGS, surg.

postop. torsion of middle lobe after removal of  
superior lobe of right lung (Pol))

MANICKI, Jerzy.

Causes of appearance of postoperative negative nitrogen balance.  
Polski tygod. lek. 12 no.28:1089-1091 8 July 57.

1. Z II Kliniki Chirurgicznej A. M. w Warszawie; kierownik: prof.  
dr med. Jan Mossakowski. Adres: Jablonna k/Warszawy, ul. Modinska 63.  
(NITROGEN, metabolism,  
postop. negative balance (Pol))  
(SURGERY, OPERATIVE, effects,  
on nitrogen metab., postop. negative balance (Pol))

NIEMIERSKI, Jan; MANICKI, Jerzy

Case of successful treatment of burn of over 80% of the body surface.  
Polski tygod. lek. 13 no.35:1367-1368 1 Sept 58.

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Warszawie; kierownik:  
Kliniki: prof. dr med. Jan Mossakowski. Warszawa, ul. Paryska 39.  
(BURNS, case reports  
over 80% of body surface, successful ther. (Pol))

MANICKI, Jerzy (Jablonna k/Warszawy, ul. Modlinska 63.)

Therapeutic effect of a growth hormone produced by a Polish manufacturer. Polski tygod. lek. 13 no.36:992-994 30 June 58.

1. (Z II Kliniki Chirurgicznej A. M. w Warszawie: kierownik Klinik: prof. dr med. Jan Mossakowski). Jablonna k/Warszawy, ul. Modlinska 663.  
(WOUNDS AND INJURIES, ther.  
somatotropin (Pol))  
(SOMATOTROPIN, ther. use  
refractory wds., varicose ulcers & infected burns (Pol))  
(THROMBOSIS, ther.  
somatotropin in post-thrombotic ulcers (Pol))  
(BURNS, ther.  
somatotropin in infected burns (Pol))  
(VARICOSE VEINS, ulcers  
ther., somatotropin (Pol))

MANICKI, Jerzy (Jablonna k/Warszawy ul. Modlinska 63.)

Therapeutic effect of ACTH & cortisone on inflammatory infiltrations.  
Polski tygod. lek. 13 no.41:1576-1577 13 Oct 58.

1. (Z II Kliniki Chirurgicznej A.M. w Warszawie; kierownik: prof. dr  
med. Jan Mossakowski).

(INFLAMMATION, ther.

ACTH & cortisone in inflamm. infiltrations in surg. dis. (Pol))

(ACTH, ther. use

inflamm. infiltrations in surg. dis. (Pol))

(CORTISONE, ther. use

same))

MANICKI, Jerzy

Studies on nitrogen balance. Effect of hormones on the balance of nitrogen, potassium and sodium in surgical patients. Polski tygod. lek. 14 no.31:1433-1438 3 Aug 59.

1. (Z II Kliniki Chirurgicznej A. M. w Warszawie; kierownik Kliniki: prof. dr med. Jan Mossakowski).  
(HORMONES, pharmacol.) (NITROGEN, metab.)  
(POTASSIUM, metab.) (SODIUM, metab.)  
(SURGERY, OPERATIVE, metab.)

OTTO, Tadeusz; LATAWIEC, Konrad; LOWY, Krystyna; MANICKI, Jerzy

Experimental studies on early diagnosis of thrombosis. Polski tygod. lek. 14 no.39: 28 Sept 59.

1. (Z II Kliniki Chirurgicznej A. M. w Warszawie; kierownik: prof. dr med. Jan Mossakowski).

(THROMBOPHLEBITIS, exper.) (17-KETOSTEROIDS, urine)  
(EOSINOPHIL COUNT)

CHMIELEWSKA, I.; TOCZKO, K.; KANIUGA, Z.; MANICKI, J.

Utilization by the human organism of individual components of intravenously administered protein hydrolysates. III. Urinary components interfering with the determination of amino nitrogen. Acta biochim.polon. 7 no.2/3:429-435 '60.

1. Katedra Biochemii Uniwersytetu, Warszawa, i II Klinika  
Chirurgiczna Akademii Medycznej, Warszawa  
(PROTEIN HYDROLYSATES metab)  
(NITROGEN urine)



LATAWIEC, Konrad; OTTO, Tadeusz; LOWY, Krystyna; MANICKI, Jerzy

Experimental studies on early diagnosis of thrombosis. II Clinical observations. Polski tygod. lek. 15 no.27:1017-1020 4 J1 '60.

1. Z II Kliniki Chirurgicznej A.M. w Warszawie; kierownik Kliniki:  
prof. dr med. Jan Mossakowski  
(THROMBOEMBOLISM diag)  
(EOSINOPHILS)  
(17-KETOSTEROIDS urine)

MANIGKI, Jerzy

Studies on nitrogen balance. Effect of durabolin on nitrogen, potassium and sodium balance in operated patients. Pelski tyged. lek. 15 no.47:1796-1799 21 JI '60.

1. Z II Kliniki Chirurgicznej A.M. w Warszawie; kierownik: prof. dr med. Jan Mossakowski.

(TESTOSTERONE rel epds) (NITROGEN metab)  
(POTASSIUM metab) (SODIUM metab)  
(SURGERY OPERATIVE metab)

MANICKI, JERZY

Studies on adrenocortical secretion in postoperative states. Polski  
przeł. chir. 33 no.4:329-337 '61.

1. Z II Kliniki Chirurgicznej A.M. w Warszawie Kierownik: prof. dr  
J Mossakowski (Praca czesciowo finansowana przez PAN).  
(ADRENAL CORTEX physiol) (SURGERY OPERATIVE)

MANICKI, Jerzy

Nitrogen balance during the postoperative period in dogs after the excision of adrenals and testes. Polski przegl. chir. 33 no.4:339-345 '61.

1. Z II Kliniki Chirurgicznej A.M. w Warszawie Kierownik: prof.  
dr J. Mossakowski.  
(ADRENALECTOMY exper) (CASTRATION exper)  
(NITROGEN urine) (SODIUM urine) (POTASSIUM urine)

MANICKI, Jerzy

Differentiation and therapy of hemorrhages from gastric ulcer  
and esophageal varices. Pol. przegl. chir. 34 no.1:65-74 '62.

1. Z II Kliniki Chirurgicznej AM w Warszawie p.o. Kierownika Kliniki:  
doc. dr J. Manicki.  
(PEPTIC ULCER HEMORRHAGE) (ESOPHAGEAL VARICES compl)

MANICKI, Jerzy

Observations on clinical action of somatotropin administered  
in suppositoria. Pol. przegi. chir. 37 no.5:503-506 My '65.

1. Z II Kliniki Chirurgicznej AM w Warszawie (Kierownik: prof.  
dr. Z. Lapinski).

MANICOVA, E.

BARDOS, V.; BALAT, F.; BREZINA, R.; KMETY, E.; KRALIKOVA, D.; LIBIKOVA, H.;  
MACICKA, O.; MANICOVA, E.; NOSEK, J.; ROSICKY, B.; SIMKOVA, A.;  
SOMODSKA, V.; ZACHAR, D.

Survey of the natural foci of infections in one district of  
Slovakia. Bratisl. lek. listy 34 no.10-11:1195-1237 Oct-Nov 54.

1. Z Virologickeho ustavu CSAV, riaditel akademik D.Blaskovic.  
Z Ustavu epidemiologie a mikrobiologie v Bratislave, riaditel dr.  
J.Karolcek. Z Neurologickeho oddeleni nemocnice v N., primar dr.  
D.Zachar. Z Infekcneho oddelenia nemocnice v N., primar dr.  
E.Manicova. Z Biologickeho ustavu CSAV v Prahe, riaditel akademik  
I.Malek. Z Laboratoria pre stavovce CSAV v Brne, veduci prof.  
J.Kratochvil. Z Hygienickeho ustavu LSFU v Bratislave, prednosta  
akademik V.Mucha.

(ENCEPHALITIS, EPIDEMIC, epidemiology  
in Czech. natural foci in Slovakia)  
(LEPTOSPIROSIS, epidemiology  
in Czech., natural foci in Slovakia)  
(RICKETTSIAL DISEASES, epidemiology  
in Czech., natural foci in Slovakia)

THURZO, V.; MANICOVA, Z.

Huggins' serodiagnosis of cancer. Cas. lek. cesk. 90 no.21:  
631-634 25 May 1951. (CIML 20:9)

1. Of the Regional Institute of Research and Therapy of Tumors  
in Brastislava (Director—V. Thurzo, M.D.).



POHANKA, P.; NEUMANN, R.; MANICOVA, Z.

Effect of ACTH on somatic development of children treated for  
tuberculous meningitis. Cesk. pediat. 18 no.2:144-147 F '63.

1. Detska liecebna tuberkulozy Dolny Smokvec, riaditel MUDr.  
J. Spura I. interne oddelenie prednosta doc. dr. R. Neumann, CSc.  
(CORTICOTROPIN) (TUBERCULOSIS MENINGEAL)  
(GROWTH) (ANTITUBERCULAR AGENTS)

MANIECKI, F.

The calculation of the demand for man power and tractive force on farms.  
p. 72

ZAGADNIENIA EKONOMIKI ROLNEJ. (Komitet Ekonomiki Rolnej Polskiej Akademii  
Nauk, Instytut Ekonomiki Rolnej i Sekcja Ekonomiki Rolnictwa Polskiej  
Towarzystwa Ekonomicznego) Warszawa, Poland. No. 3, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960

Uncl.

MANIECKI, F.; KIERUL, Z.

The method of working out a plan of reorganization of farms. p. 572

NOWE ROLNICTWO (Panstwowe Wydawnictwo Rolnicze i Lesne) Warszawa, Poland  
Vol. 8, no. 15, Aug 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September 1959.  
Uncl.

KAJ, Jozef; MANIEWSKA, Halina

Embryonic and postembryonic development course of *Rutilus rutilus* L. under conditions of artificial insemination.  
Roczniki Wyz Szkola Rol Poznan no.12:69-78 '62.

1. Katedra Rybactwa, Wyzsza Szkola Rolnicza, Poznan.

ACC NR: AP6034964

SOURCE CODE: PO/0034/66/000/08-/0394/0395

AUTHOR: Maniewski, Roman (Master engineer)

ORG: Automation Institute, PAN (Instytut Automatyki PAN)

TITLE: Halotron power converter for acoustic frequencies

SOURCE: Pomiary, automatyka, kontrola, no. 8-9, 1966, 394-395

TOPIC TAGS: nonrotary electric power converter, acoustic frequency

ABSTRACT: The possibility of utilizing the Hall effect for converting electric power into voltage results from the multiplying properties of a halotron converter. Owing to the multiplication of the input values of the current and voltage of the circuit studied, a voltage signal proportional to the active power is obtained at the output. A halotron converter with frequencies in the range of 20-20,000 cps, constructed at the Automation Institute, PAN (Instytut Automatyki PAN), is described. The magnetic circuit of the converter is made of ferrite material of type Ferroxyd 1001, which insures low losses and an adequate linearity over the entire band of converted frequencies. Linearization of the magnetization characteristic is further linearized by the presence of the air gap in which the halotron is located. The shape of the magnetic circuit insures a low dispersion and very effective screening. A CH-3 germanium halotron of high sensitivity and resistivity is employed. Compensating circuits are used in order to decrease errors due to thermoelectric voltages

Card 1/2

UDC: 621.317.38.029.5:538.632

ACC NR: AP6034964

and rectification phenomena. The technical data of the halotron converter are: range of measured power 0-50 W; nominal voltage 20 V; nominal current 2.5 A; overload capacity of input circuits 20%; operating frequency 20-20,000 cps; output signal 25 mV at 50 W (0.5 mV at 1 W); output resistance 150 ohms; error < 1.5%. Orig. art. has: 5 figures.

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 001

Card 2/2

ACC NR: AP6034966

SOURCE CODE: PO/0034/66/000/08-/0397/0397

AUTHOR: Maniewski, Roman (Master engineer)

ORG: Institute of Automation, PAN (Instytut Automatyki PAN)

TITLE: Harmonic analyzer using Hall effect

SOURCE: Pomiary, automatyka, kontrola, no. 8-9, 1966, 397

TOPIC TAGS: Hall effect ~~device~~, harmonic analyzer<sup>24</sup>, Fourier ~~analyzer~~ *analysis*

ABSTRACT: A harmonic analyzer based on the Hall effect, developed at the Institute of Automation PAN (Instytut Automatyki PAN) is described and its block diagram is given (Fig. 1) The device is designed to ensure proper sensitivity and input impedance. A d-c amplifier is used in the output stage, while a power amplifier (which also functions as a balancing network) is located in the input circuit. The Hall effect transducer employed in the analyzer has a ferrite magnetic circuit (Ferroyd-1001 material); a CH-3 germanium Hall effect device is located in the gap of the electromagnet. The transducer magnet circuit is controlled from a local RC generator across a push-pull power amplifier; an amplifier of this type prevents the development of a steady-state condition in the magnet core, while at the same time it has relatively low nonlinear distortion. The input circuit features a power amplifier with balanced output matched to the low input impedance of the Hall effect device. The

Card 1/2

UDC: 621.317.35:538.632

ACC NR: AP6034966

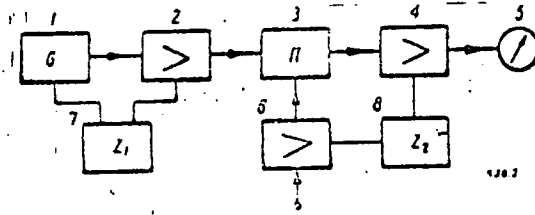


Fig. 1. Block diagram of Hall effect harmonic analyzer: 1 - RC generator, 2 - push-pull power amplifier, 3 - Hall effect transducer, 4 - d-c amplifier, 5 - meter, 6 - output power amplifier, 7, 8 - power supply

input stage of this amplifier operates in a Darlington configuration and provides a high and constant input impedance for the instrument. For increased sensitivity, a d-c test amplifier is also used. After crossing a low-pass filter, which cuts off frequencies above 5Hz, and after conversion, the output voltage of the Hall effect device is amplified in five stages, then, after phase-sensitive detection and smoothing, fed to a zero-center meter. If the frequency differences are great, the needle remains motionless at zero; if the difference is small, it oscillates around its center position. The reading is made when the needle is fluctuating within 0.5Hz off zero (dynamic reading). Simultaneously, the frequency of the given harmonic of the signal is read from the generator scale, with its amplitude indicated by the meter. Orig. art. has: 2 figures.

SUB CODE: 09/ SUBM DATE: none/ SOV REF: 001/ OTH REF: 002

Card 2/2



~~MANIK, P.~~

Equipment for canning. Prom.koop. no.10:35 0 '57. (MIRA 10:12)

1.Nachal'nik sektora gosdokhodov gorfinotdela, Simferopol'.  
(Simferopol--Canning industry)

MANIK, P.

How we organize the receipt of state revenues. Visnyk AN URSS 28  
no.3:57-58 Mr '57. (MLRA 10:5)

1. Nachal'nik sektora gosdokhodov Simferopol'skogo gorfinotdela.  
(Crimea--Internal revenue)

MANIK, P. (g. Simferopol').

Only samples but no merchandise. Prom. koop. 12 no. 10:33  
0 '58. (MIRA 11:10)

1. Nachal'nik otdela gosdokhedov Gorodskogo finansovogo otdela.  
(Crimea--Manufactures)

BELOBZHETSK IY, I.; MANIK, P.

How we audit balances and accounts. Fin.SSSR 20 no.8:54-58  
Ag '59. (MIRA 12:11)

1. Nachal'nik sektora gosdokhodov Baranovichskogo gorfinotdela  
(for Belobzhetskiy). 2. Nachal'nik otdela gosdokhodov Simferopol'-  
skogo gorfinotdela (for Manik).  
(Baranovichi--Auditing) (Simferopol'--Auditing)

MANIK, P.

Joint audits. Fin.SSSR 37 no.4:73-74 Ap '63. (MIRA 16:4)

1. Nachal'nik otdela gosudarstvennykh dokhodov Simferopol'skogo  
gorodskogo finansovogo otdela.  
(Simferopol—Auditing and inspection)

MANIK, P.

Utilize all possibilities. Fin. SSSR 37 no.10:71-72 0 '63.

(MIRA 17:2)

1. Nachal'nik otdela gosudarstvennykh dokhodov Simferepol'skogo gorodskogo finansovogo otdela.

LISITSA, G.P., kand. med. nauk; MANIK, Yu.S.

Spontaneous rupture of the inferior vena cava during labor. Akush.  
i gin. 40 no.2:123-124 Mr-Apr '64. (MIRA 17:1)

1. Kafedra akusherstva i ginekologii (zav. - prof. A.V. Anisimov  
i patologicheskoy anatomii (zav. - prof. A.V. Sosunov) Iveno-Fran-  
kovskogo meditsinskogo instituta.

MANIKAM, S.R.

\*\*\*\*\*

The storm is getting stronger. Vsemprof.dvizh. no.8:24-28  
Ag'55. (MIRA 8:10)

(Malaya--Strikes and lockouts)



MANIKHAS, M.G.

Results of the treatment of male patients with acute gonorrhoea.  
Vest.derm.i ven. 34 no.3:69-70 My-Je '60. (MIRA 13:10)  
(GONORRHEA)

MANIKHAS, M.G.; KOMISSAROVA, Ye.I.; SAYEVICH, A.G.

Joint work of a dermato-venereological clinic and a women's health center in the control of trichomoniasis. Vest.derm.i ven. no.5:65-68 '61. (MIRA 14:12)

1. Iz kozhno-venerologicheskogo dispansera (glavnyy vrach M.G. Manikhas) i zhenskoy konsul'tatsii No.1 Ob"yedineniya rodil'nogo doma (glavnyy vrach M.V. Kovaleva) Rybinska ~~Yaroslavskoy~~ oblasti. (TRICHOMONIASIS)

MANIKHAS, M.G.; GIL'DINSON, E.B.; KOROTETSKAYA, G.I.

Temporary loss of working capacity in skin diseases. Vest. derm.  
i ven. 38 no.11:58-60 N '64. (MIRA 18:4)

1. Rybinskiy forodskoy kozhno-venerologicheskij dispanser (glavnyy  
vrach M.G.Manikhas).

MANIKHIN, P.I., kapitan meditsinskoy sluzhby; VBERHOLOMOV, Ye.Ye., pod-  
polkovnik meditsinskoy sluzhby

Adopting a hand atomizer for insecticide powder to a compressed air  
system. Voen.-med.zhur. no.7:75-76 J1 '56. (MLRA 9:11)  
(SPRAYING AND DUSTING EQUIPMENT)