

SOV/ 49-58-12-13/17

Calculation of Horizontal Components of Wind with Consideration of Internal Friction and Non-Linear Treatments of Acceleration

successive approximation. The assumption is made that the pressure field is stationary, i.e. $\delta P/\delta t = 0$. Therefore, the solution Eq.(5) will be found from the system of Eqs.(4). The geostrophic wind at the point $x = y = 0$ flows along the axis x with the speed u^* and the condition:

$\delta r/\delta y = \delta u/\delta x \neq 0$. This means that the air motion converges when $\delta u/\delta x > 0$ or diverges if $\delta u/\delta x < 0$ which can actually be found on many occasions at 850 mb level. If $\delta v/\delta y = -\delta u/\delta x = -u_x = \text{const}$, then the solution will take

the form of Eq.(5'). As an example, a calculation can be made for the distribution of accelerations of wind at the frictional level when $u^* = 20 \text{ m/sec}$, $\delta v^*/\delta y = \pm 0.5 \times 10^4$

sec^{-1} , i.e. taking into account the divergence and any value for the velocity of the geostrophic wind. Fig.1 shows the velocities in the case of convergence ($\delta v^*/\delta y = -0.5 \times$

10^4) at a greater height ($z \sim 1.5 \text{ km}$) the wind curve shows an equilibrium, then turns $26^{\circ}34'$ to the left (i.e. into the direction of lower pressure). This signifies an acceleration (Ref.3). The velocity near the earth's surface can be

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found from the Eq.(6) obtained by the differentiation of
Eqs.(3) and (5') when $z = 0$ (+ convergence, - divergence).
Fig.2 shows the example of the wind and the frictional level
showing the turning of 61° , which means a great deflection
of wind with height into the region of divergence. There
are 2 figures and 3 Soviet references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V.
Lomonosova (Moscow State University imeni M. V. Lomonosov)

SUBMITTED: January 25, 1958.

Card 3/3

TKACHUK, YU.

Subject : USSR/Electricity

AID P - 1967

Card 1/1 Pub. 29 - 16/25

Author : Tkachuk, Yu. V., Eng.

Title : Reduction of the time of mounting 110 kv oil circuit breakers

Periodical : Energetik, 4, 29-30, Ap 1955

Abstract : The author describes the replacing of BM-125 type oil circuit breakers with the MKP-160 type done at a transformer substation. At the same time the foundations were reinforced. In order to save time, both operations were combined. The author brings out some details of the work. One drawing.

Institution: None

Submitted : No date

KHRISTICH, V.A.; KHAVKIN, Yu.I.; TKACHUK, Yu.F.; SHEVCHENKO, A.M.;
LYUBCHIK, G.N.

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on natural gas. Energ. i elektrotekh. prom. no.2:28-32
Ap-Je '63. (MIRA 16:7)

1. Kiyevskiy politekhnicheskij institut i leningradskiy mashino-
stroitel'nyy zavod "Ekonomayzer".
(Gas turbines)

TKACHUN, A.

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Reviewed by A.Tkachun. Fin. SSSR 23 no.7:94-95 J1 '62.
(MIRA 15:7)

(Finance) (Rogovtsev, S.)

TKACHUN A. I.

VLASOV, Naum Il'ich; SAUTIN, Ivan Alekseyevich; ZYBIN, V.G., inzh.,
retsenzent; RUBANCHIK, Ya.A., ekonomist, red.; TKACHUN, A.I.,
red.izd-va; UVAROVA, A.F., tekhn.red.; MODEL', B.I., tekhn.red.

[Organization and planning of material and technical supply
and marketing of machinery plants] Organizatsiya i planirova-
nie material'no-tekhnicheskogo snabzhenia i sbyta mashino-
stroitel'nykh predpriatii. Moskva, Gos.nauchno-tekhn.izd-vo
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BELETSKAYA, T.V.

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Primary pulmonary hypertension. Bratisl. lek. listy 44 no.11:
688-698 D 15 '64

1. Statne sanatorium v Bratislave (riaditel - MUDr. J. Rusnak, CSs.); a Patologickoanatomicky ustav lekarскеj fakulty Univerzity Komenskeho v Bratislave (veduci - doc. MUDr. M. Brozman).

TKACIK, J.

On the technic and use of biomicroscopy of the blood vessels
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listy 44 no.7:433-442 15 0 '64.

1. Statne sanatorium v Bratislave, (riaditel MUDr. J. Rusnak,
C. Sc.).

NEUSCHL, S.; PKACIK, J.

On the possibility of biomicroscope photography. Bratisl. Lek.
Listy 44 no.8:474-479 '64.

1. Katedra automatizacie a regulacie SVST [Slovenska vysoka
skola technicka] (veduci prof. dr. inz. M. Salamon, a Statne
sanatorium v Bratislave (riaditel MUDr. J. Rusnak, C.Sc.).

MYSLIL, Vlastimil; TKACIK, Pavel

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KACHNIC, M.; TKACIK, S.

Results of mycological examinations of trichophytosis in cattle with reference to the development of dermatomycoses in agricultural workers. Cesk. dermat. 38 no.1:43-46 F '63.

1. Dermatovenerologicka katodra Lekarskej fakulty UPJS v Kosiciach, veduci doc. dr. E. Malý, Seminar pre doskolovanie veterinarnych lekarov, veduci pobočky v Kosiciach MDr. S. Tkacik.

(CATTLE DISEASES) (TINEA) (DERMATOMYCOSIS)
(OCCUPATIONAL DERMATITIS) (AGRICULTURAL WORKERS' DISEASES)

SIMECEK, J.; TKACOV, V.V. [Tkachov, V.V.]

Evaluation of various rock drilling methods from the viewpoint
of hygiene. Rudy 11 no.7:213-216 J1 '63.

1. Ustav hygieny prace a chorob z povolani v Praze a Moskva.

STEMPIEN, Ryszard, dr. med.; TKACZ, Bogumil; FIJALKOWSKI, Wlodzimierz

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Ginek. Pol. 36 no.7:755-762 J1'65.

1. Z Kliniki Chorob Zakaznych Akademii Medycznej w Lodzi
(p.o. Kierownika: dr. med. R. Stempien) i z II Kliniki
Poloznictwa i Chorob Kobietych Akademii Medycznej w Lodzi
(Kierownik: prof. dr. med. S. Krzysztoporski).

TKACZ, Bogumil

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School from 15th to 17th century. Przegl. epidem. 18 no.2:
249-254 '64.

1. Z Katedry Chorob Zakaznych Wojskowej Akademii Medycznej
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1. Fabryka Urzadzen Mechanicznych, Poreba.

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Synthesis of ethylene amines. V. A new method for the production of
N-monoalkylethylenediamines. Acta pol. pharm. 19 no.3:277-278 '62.

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Akademii Medycznej w Lodzi Kierownik: z-ca prof. dr. A. Kotelko.
(ETHYLENEDIAMINES chem)

CHRZANOWSKI, Jan; TKACZ, Bogumil

Diseases produced by the virus from the Coxsackie group in the light of our observations. Polski tygod.lek. 15 no.25:945-948
20 Je '60.

1. Z Kliniki Chorob Zakaznych A.M. w Lodzi; kierownik: doc. dr
med. Jan Chrzanowski
(COXSACKIE VIRUSES infect)

TKACZ, Bogumil

Contribution to the pathogenesis of sporadic typhus. Przegl. epidem.
15 no.1:89-90 '61.

1. Z Katedry Chorob Zakaznych W.A.M. Kierownik Katedry: doc. dr
med. Jan Chrzanowski.
(TYPHUS etiol)

TRACZ, J.

Poreba machine tools at the 28th Poznan International Fair. p. 230.

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(Poland--Geology)

TKACZEWSKI, W.; LADA, J.

The W.P.W. auriculo-ventricular block. Masked ischemia. Kardiolog. pol. 6 no.4:291-294 '63.

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WIKTOR, Zdzislaw; TKACZEWSKI, Wladyslaw

Veronal test in hypertension. Polskie arch. med. wewn.
26 no.4:571-580 1956.

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E. Szczeklik, III Klin. Chor. Wewn. AM we Wroc. ul. Pasteura 4.
(HYPERTENSION, physiology,
barbital test (Pol))
(BARBITURATES,
barbital test in hypertension (Pol))

WIKTOR, Zdzislaw; TKACZEWSKI, Wladyslaw

Case of atrophy of the whole colon consecutive to fecal fistula following tonsillectomy 15 years previously. Polski tygod. lek. 10 no.52:1678-1681 27 Dec 55.

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(COLON, diseases,

atrophy in fecal fistula 15 years after tonsillectomy.
(Pol))

(FISTULA,

fecal with atrophy of colon 15 years after tonsillectomy.
(Pol))

(ATROPHY,

colon in fecal fistula 15 years after tonsillectomy. (Pol))

(TONSILLITIS, surgery,

postop. fecal fistula 15 years after operation with
atrophy of colon. (Pol))

JANIAKOWA, Alina; KOTIAREK-HAUS, Sabina; POTOCZEK, Stanislaw; TKACZEWSKI, Wladyslaw

Data on the increase of non-protein nitrogen during coagulation & fibrinolysis in arteriosclerosis. Polski tygod. lek. 13 no.24:921-923 16 June 58.

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(ARTERIOSCLEROSIS, blood in non-protein nitrogen after blood coagulation & fibrinolysis (Pol))

(NITROGEN, in blood in arteriosclerosis, levels after blood coagulation & fibrinolysis (Pol))

(BLOOD COAGULATION of arteriosclerotic sera, non-protein nitrogen levels (Pol))

(FIBRIN fibrinolysis of arteriosclerotic sera, non-protein nitrogen levels (Pol))

WIKTOR, Zdislaw; TKACZEWSKI, Wladyslaw; ZYWIEN, Tamara; BARTKOWIAK, Anna

The age and sex of arteriosclerosis patients according to our studies. Postepy hig. med. dozw. 15 no.6:759-767 '61.

1. Z Kliniki Nefrologicznej AM we Wroclawiu Kierownik: prof. dr
Z Wiktor, z III Kliniki Chorob Wewnetrznych AM we Wroclawiu Kierownik:
prof. dr. E.Szczeklik oraz z Instytutu Matematycznego PAN Kierownik:
prof. dr H. Steinhaus.
(CORONARY DISEASE statist) (SEX) (AGING)

TKACZEWSKI, W.

Heart diseases and pregnancy. Kardiol. pol. 6 no.3:211-218
'63.

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A. Himmel.

(PREGNANCY COMPL., CARDIOVASCULAR)
(HEART DISEASES)

PRZEDLACKI, Janusz; TKACZEWSKI, Wlad aw; TRZNADEL, Kazimierz

Studies on the effect of diamox, enduron and triamterene in
maximum water diuresis. Pol. tyg. lek. 19 no.40:1521-1523
5 0 '64

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dycznej w Łodzi (Kierownik: prof. dr. med. Andrzej Himmel).

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Kardiol. Pol. 7 no.4:275-279 '64

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HIMMEL, Andrzej; GEBICKI, Lech; TKACZEWSKI, Wladyslaw; SZESZKO, Andrzej

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793-795 31 My '65.

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prof. dr. med. Andrzej Himmel).

GEBICKI, L.; TKACZEWSKI, W.

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PROSZYNSKI, P.; HAJKOWSKI, M.; JARCHOWSKI, J.; WLAZIMSKI, J.; DZIELIŃSKI, P.;
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1 z III Kliniki Chirurgii Wewnętrznej Wojskowej Akademii Medycznej
w Łodzi (Kierownik: prof. dr. A. Huczel).

PRUSZYNSKI, J.; GEBICKI, L.; TKACZEWSKI, W.; KASPRZAK, M.; BARCIKOWSKI, S.

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i z III Kliniki Chorob Wewnętrznych Wojskowej Akademii Medycznej
w Łodzi (Kierownik: prof. dr. A. Himmel).

HIMMEL, Andrzej; TKACZEWSKI, Wladyslaw; PRZEDLACKI, Janusz; WALASEK, Lech;
PLOWKA, Andrzej

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w Lodzi (kierownik: dr. med. Andrzej Himmel).

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(Kirownik: prof. dr. med. A. Himmel)

TKACZEWSKI, Wladyslaw; BASZKO. Alfons ; PELKA, Wlodzimierz

Rhythm and conduction disorders in acute myocardial infarction treated with hyaluronidase. Wiad. lek. 18 no.4:341-344 15 F'65

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SIOPEK, Stefan; MORDARSKI, Marian; TKACZOW, Alicja

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Polski tygod. lek. 14 no.9:376-379 2 Mar 59.

1. Z Instytutu Immunologii i Terapii Doswiadczałnej PAN Im. Ludwika
Hirszfelda we Wrocławiu; dyrektor: prof. dr Stefan Slopek Adres:
Wrocław, ul. Chalubinskiego 4, Instyt. Immunologii i Terapii Doswiadcz.
PAN.

(ANTIBIOTICS, eff.

on bact. isolated from patients, sensitivity (Pol))

TKACZON, S.

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dr W. Bross i z Instytutu Immunologii i Terapii Doswiadczalnej
PAN we Wroclawiu Dyrektor: prof. dr S.Slopek.
(ANTIBIOTICS ther) (BRONCHI pharmacol)

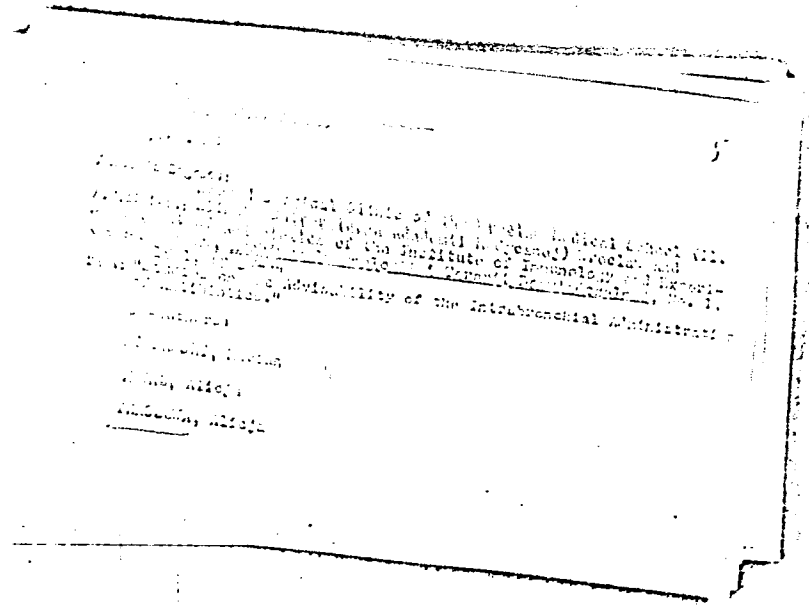
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1. Department of Antibiotics, Institute of Immunology and Experimental
Therapy, Polish Academy of Sciences, Wroclaw.

(ANTIBIOTICS pharmacol)

T. Kaczynski, Alieja



KACZMAREK, M.; TKACZUK, H.

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1. Z Kliniki Chirurgii Ortopedycznej Sl. A. M. w Bytomiu Kierownik:
prof. Dr. M. Garlicki. Adres autora: Bytom, ul Batorego 15.

(SHOULDER, dis.

periarthritis (Pol))

(PERIARTHRITIS, case reports,
shoulder (Pol))

KRECZKO, Romuald; TKACZUK, Henryk

Notes on diagnostic difficulties in bone tumors, CMA, Warszawa,
tytuł ortop. pol. 29 no. 1991-03 '82

1. Klinika Ortopedyczna II Centralnego Klinicznego Szpitala ;
kierownik: prof.dr.med. M.Garlicki.

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TKACZUK, Henryk

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TKACZUK, Henryk

Notes on the role of so-called "Bankart's phenomenon" in the etiology of habitual shoulder dislocation. Chir.narząd.ruchu ortop. pol. 28 no.6:605-608 '63.

1. Z Kliniki Ortopedycznej II Centralnego Klinicznego Szpitala AM. Kierownik: prof. dr. M.Garlicki.

*

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Contribution to the study of fractures of the capitulum radii.
Chir. narzad. ruchu ortop. Pol. 29 no.5:631-639 '64.

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M. Garlicki).

TKACZUK, Henryk

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SURNAME, Given Names

TRACZOWA, A.
Country: Poland

Academic Degrees: not given

Presumed

Ludwik Hirszfild Institute of Immunology and Experi-
Affiliation: mental Therapy (Instytut Immunologii i Terapii Doswiadczalnej
im. Ludwika Hirszfelda), Polish Academy of Sciences (PAN--Polsk
Akademia Nauk), Wroclaw; Director: Prof. Stefan SLOPEK, Dr.

~~Source:~~

Source: Warsaw, Postepy Higieny i Medycyny Doswiadczalnej, Vol XV, No 4,
~~Date:~~ 1961, pp 425-427.

Data: "Investigations of the Usefulness of Intrabronchial Administration
of Antibiotics."

English abstract of paper read at the XI Anniversary Conference of
the Society of Polish Surgeons, Warsaw, 24-26 October, 1960.

Authors:

ROGALSKI, E.
MORDARSKI, M.
INWAL, A.
TRACZOWA, A.

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ROGALSKI, Eugeniusz; MORDARSKI, Marian; INWAL, Alicja; TKACZOWA, Alicja

Studies on the advisability of the intrabronchial administration of antibiotics. Arch.immun.ter.dosw. 9.no.1:37-44 '61.

1. II Klinika Chirurgiczna Akademii Medycznej we Wroclawiu, Zaklad Antybiotykow Instytutu Immunologii i Terapii Doswiadczalnej PAN we Wroclawiu.

(ANTIBIOTICS ther)

(LUNG DISEASES ther)

TKACZYNSKI, Tadeusz

Synthesis of ethylene amines. Pt. 6. Acta Pol. pharm. 22 no.3;
225-227 '65.

1. Z Zakladu Technologii Srodkow Leczniczych Wydzialu Farmaceutycznego Akademii Medycznej w Lodzi (Kierownik: doc. dr. A. Kotelko).

TRACZYŃSKI, Tadeusz

Synthesis of ethylene amines. Pt.7. Acta Pol. pharm. 22 no.3:
229-232 '65.

1. Z Zakładu Technologii Środków Leczniczych Wydziału Farmaceutycznego Akademii Medycznej w Łodzi (Kierownik: doc. dr. A. Kotelko).

COUNTRY : Poland
CATEGORY : Organic Chemistry--Synthetic organic chemistry G-2
ABS. JOUR. : RZKhIm., No. 16 1959, No. 57143
AUTHOR : Tkaczynski, T.
INST. : Not given
TITLE : Synthesis of Ethylene Amines. Part II. On the
Condensation Reaction of Ethylenediamine with
Ethylene Chlorohydrin. Part III. On the Sinter-
ORIG. PUB. : Acta Polon Pharmac, 15, No 5, 347-350, 354 (1958)
ABSTRACT : II. The condensation of ethylenediamine (I) with
ethylene chlorohydrin (II) gives a mixture of
 $\text{NH}_2\text{CH}_2\text{CH}_2\text{NHR}$ (III) and $\text{RNHCH}_2\text{CH}_2\text{NHR}$ (IV) (R is
 $\text{CH}_2\text{CH}_2\text{OH}$ everywhere); the ratio of III to IV
depends on the concentration of I: when equiva-
lent amounts of I and II are used, 0.39 mol III
and 0.3 mol IV are obtained; when a four-fold
molar excess of I is used, the yields of III
and IV are 0.84 and 0.08 mol, respectively.
When an excess of II is used, N,N'-di- β -
CARD: 1/5 * ing of N,N'-di- β -Hydroxyethylethylenediamine.

COUNTRY : Poland
CATEGORY : G-2
ABS. JOUR. : RZKhim., No. 16 1959, No. 57143
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : hydroxyethylpiperazine (V). 1 mol II is added dropwise at 100° to a 75% aqueous solution of 1 mol I, the solution is refluxed for 30 min, 1 mol NaOH and 100 ml CH₃OH are added at 60°, the NaCl is separated, and the solution is distilled to give III, yield 40 gms, bp 142-148°/20 mm, and IV, yield 45 gms, bp 195-205°/20 mm. 1.5 mol II and 1.5 mol 40% NaOH are added to a 75% aqueous solution of 1 mol I as described above, 1 mol II and

CARD: 2/5

CATEGORY : Poland G-2
ABS. JOUR. : RZKhim., No. 16 1959, No. 57143
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : 1 mol NaOH are added after 30 min. the solution is mixed with CH₃OH, and 18 gms III and 75 gms IV are separated; the residue yields 80 gms V, mp 134-135°, hydrochloride (HC) mp 200-202°.
CARD: 3/5
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COUNTRY : Poland G-2
CATEGORY :
ABS. JOUR. : RZKhim., No. 16 1959, No. 57143
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : III. When the HC of IV is heated to 260°, the HC of piperazine (VI) is obtained; at 200° the HC of IV yields a mixture of VI and N- β -hydroxyethylpiperazine (VII), which can also be obtained by the condensation of $\text{CH}_2\text{ClCH}_2\text{Cl}$ with $\text{NH}_2\text{CH}_2\text{CH}_2\text{OH}$. 1 mol IV is heated for 2.5 hrs at 200°, refluxed with 0.8 liter water, the solution is concentrated to 0.3 liter, 2 mol NaOH and 200 ml CH_3OH are added, the NaCl is separated, and the solution is fractionated to give VI, yield 14%, and VII, HC mp 187-189°.

CARD: 4/5

COUNTRY	:	Poland	
CATEGORY	:		G-2
ABS. JOUR.	:	RZKhim., No. 16 1959, No.	57143
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	For Part I, see RZhKhim, No 3, 1959, 8183. D. Vitkovskiy	

CARD: 5/5

12.7

GRUDZINSKI, Stefan; KOTLIK, Antoni, doc. dr.; NICHOLASINIA, Galina;
SIMPILLIO, Jozef; TRACZYNSKI, Tadeusz; ZAJACZKOWSKA, Barbara

Synthesis of hydrazinoamine compounds with possible antitubercu-
lular properties. I. N1-nogl-N2-(beta-cyanoethyl)-hydrazinoamine.
Acta Pol. pharm. 21 no. 5:145-150 1974.

I. Z Zakladu Technologii Srodkow Leczniczych Akademii Medycznej
w Lodzi (Kierownik: doc. dr. A. Kotliko).

TKA07VMSKI TAD0007

TKACZINSKI, T.; SWEJKAL, J.; SORM, F.

Nucleic acid components and their analogues. Pt. 50. Coll. Cz
chem 29 no.7:1736-1738 JI '64.

1. Institute of Technology of Drugs, Division of Pharmaceutics,
School of Medicine, Lodz, and Institute of Organic Chemistry and
Biochemistry, Czechoslovak Academy of Sciences, Prague.

JURASKOVA, V.; TRADLICKI, I.; BRASIL, V.

The influence of the Ehrlich's ascites tumor on the regeneration of hematopoietic in irradiated mice. Neoplasia (Prague) 11 no.6:591-598 1962

1. Biophysical Institute of Czechoslovak Academy of Sciences, Brno; Military Medical Research and Graduate Institute J.S. Furkyne, Hradec Kralove, Czechoslovakia.

EXCERPTA MEDICA Sec 9 Vol 13/3 Surgery Mar 59

1566. EFFECT OF ANAESTHESIA WITH NITROUS OXIDE ON THE DEATH RATE IN MICE IRRADIATED WITH X-RAYS - Vliv anestesie kysličníkem dusným na hynutí myší ozářených Röntgenovými paprsky - Tkadlec L. Biofys. Úst. ČSAV, Brno - ČSL. FYSIOL. 1957, 6/4 (494-500) Graphs 2 Tables 2 Illus. 1

Nitrous anaesthesia provides a high degree of protection against radiation as compared with anaesthesia obtained by other means, if carried out at the same time as irradiation. The degree of protection is greatest during extreme hypoxia and does not differ from the protection provided by inhalation of an inert gas administered together with oxygen in equal proportions. The inhalation of a mixture of nitrous oxide and oxygen at normal partial pressure (without hypoxia) during irradiation was not observed to have any harmful effect in mice. Supplementary nitrous oxide anaesthesia following irradiation with a dose larger than LD₁₀₀ had neither a harmful nor a protective effect. Hahn - Prague (II, 9, 14)

EXCERPTA MEDICA Sec 14 Vol 12/11 Radiology Nov 58

1819. NOTES ON EARLY CHANGES IN THE BLOOD PICTURE FOLLOWING
A SMALL DOSE OF X-RAYS - Příspěvek k časným změnám krevního obr-
azu po ozáření malou dávkou roentgenových paprsků - Trádlík L.
Biofys. Úst. ČSAV, Brno - ČSL. BIOL. 1958, 7/1 (35-42) Graphs 8 Tables 3
Illus. 2

Reticulocytes are a more sensitive irradiation indicator than has hitherto been stated in the literature. With the method described, the minimum effective dose in rats is 25 r. instead of 50 r. The effect of 50, 35 and 25 r. was basically the same, with a temporary shift of Heilmeyer's reticulocyte groups to the right and a decrease in the number of reticulocytes to the minimum about 48 hr. after irradiation. Following this phase, a brief shift to the left was observed, with an increase in the total number of reticulocytes to above the initial values, for the duration of the observations (5 days). The differences in the findings were related to the radiation dose, and following 25 r. the decrease phase was less marked than the increase phase. (II, 6, 14)

TKADLECEK, L.

SCIENCE

TKADLECEK, L. Effect of anesthesia by nitrous oxide on the death of mice irradiated by X rays. p. 494.

Vol. 6, no. 4, 1957.

Monthly Index of East European Accessions (EEAI) LS, Vol. 7, No. 12, Dec. '58

CZECHOSLOVAKIA / Human and Animal Physiology. The ^T
Effect of Physical Factors. Ionizing Irradiations.

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102363.

Author : Tkadlecek, L.

Inst : Not given.

Title : The Influence of Nitrous Oxide Narcosis on the
Death of Mice Which Were Subjected to Roentgen
Irradiation.

Orig Pub: Physiol. bohemosl., 1957, 6, No 4, 507-515.

Abstract: No abstract.

Card 1/1

130

RUMANIA

TKADLECK, L.; TURASCOVA, V.; DOSTAJ, M.; and ZANVEI, I. [Affiliations not shown], (Socialist Republic of Czechoslovakia)

"A Study of the Protective Affect of Cystamine on Hemopoiesis in Irradiated Rats"

Bucharest, Revista Sanitara Militara, Special No., 1965, Vol 16, pp 384-389

Abstract: Study on rats irradiated with 470, 575, 680 and 780 r of Co⁶⁰, 15 minutes following 120 mg/Kg of cystamine intraperitoneally; two additional similar experiments; in all, the drug reduced the adverse affect of radiation exposure on the number of residual hemopoiesis colonies in the spleen. Photograph of spleen specimens, 3 graphs.

1/1

CZECHOSLOVAKIA

JURASKOVA, V., TKADLECEK, L., DRASIL, V; Biophysical Institute,
Czechoslovak Academy of Sciences (Biofysikalni Ustav CSAV) Brno;
VLVDU JEP [Abbreviation not explained], Hradec Kralove.

"The Influence of the Interval Between Intraperitoneal Administration of Cystamine and Irradiation on the Ratio of Protected to Unprotected Bloodforming Cells."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 134-135

Abstract: Cystamine was injected into mice 5, 20 or 50 minutes before irradiated with 420 to 960r. Best results were obtained with administration 5 minutes before irradiation. The experiments were repeated with cystamine administration 3, 5 or 8 minutes before irradiation with 350 to 650 r. Here again the best protection was obtained when cystamine was given 5 minutes before irradiation. 1 Western, 1 Czech reference. Submitted at a Meeting of the Biophysical Section of the Branch of the Czechoslovak Biological Society at the Czechoslovak Academy of Sciences at Brno, 17 Nov 65.

1/1

- 197 -

CZECHOSLOVAKIA / Human and Animal Physiology (Normal and Pathological). Effect of Physical Factors. Ionizing Irradiations. T

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 98040

Author : Tkadlecek, Ludvik

Inst : Not given

Title : On Early Changes of the Blood Picture After a Small Dose of Roentgen Irradiation

Orig Pub: Ceskosl. biol., 1958, 7, No 1, 35-42

Abstract: In irradiation of rats with a dose of 50, 35, and 25 r, a temporary displacement of reticulocytes (R) of groups I-IV (according to Heilmeyer) to the right and a decrease of the number of R with a minimum about the 48th hour after irradiation was observed;

Card 1/2

113

CZECHOSLOVAKIA / Human and Animal Physiology (Normal and Pathological). Effect on Physical Factors. Ionizing Irradiations. T

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 98040

after this phase a short-term displacement to the left took place and an increase of the general number of R until the end of observations (15 days), which surpassed the initial number. The changes were proportional to the applied dose of irradiation :after dose of 25 r the phase of decrease was less sharp than the phase of increase.

Card 2/2

L 13539-66

ACC NR: AP6006000

SOURCE CODE: CZ/0053/65/014/004/0272/0272

AUTHOR: Juraskova, V.; Tkadlecek, L.; Drasil, V.

ORG: Institute of Biophysics CSAV, Brno (Biofysikalni ustav CSAV)

TITLE: Effect of the presence of Ehrlich ascites tumor cells on hemopoietic regeneration in spleens of irradiated mice [This paper was presented at meeting of the Biophysical Society Section of the Czechoslovak Biological Association at the Czechoslovak Academy of Sciences, Brno, 4 Nov 64.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 272

TOPIC TAGS: tumor, mouse, radiation biologic effect, hematopoiesis

ABSTRACT: Study of mice irradiated and injected with cell suspensions of Ehrlich ascites tumor indicated that undamaged tumor cells of this strain secrete some metabolic product which is a stimulating factor in the colonization of spleen by hemopoietic tissue following irradiation. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

Card 1/1

HW

L 13535-66

ACC NR: AP6005992

SOURCE CODE: CZ/0053/65/014/004/0269/0269

AUTHOR: Juraskova, V.; Tkadlecek, L.; Drasil, V.

ORG: Institute of Biophysics CSAV, Brno (Biofyzikalni ustav CSAV)

TITLE: Characteristics of the hemopoietic tissue colonies in the spleen of mice exposed to irradiation [This paper was presented at the session of Biophysics Section of Czechoslovak Biology Association at the Czechoslovak Academy of Sciences, Brno, 23 September 1964.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 267

TOPIC TAGS: mouse, radiation biologic effect, blood, bone marrow, hematopoiesis

ABSTRACT: Study of mice irradiated with 650 r and given intravenously 50,000 homologous nucleated bone marrow cells. Description of 47 spleen colonies of hemopoietic tissue found 10 days later in 35 of the surviving mice. [SPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 001

Card

1/1 HW

2

L 13538-66

ACC NR: AP6006002

SOURCE CODE: CZ/0053/65/014/004/0273/0273

AUTHOR: Tkadlecek, L.; Juraskova, V.; Drasil, V. 17B

ORG: VLVDU JEP, Hradec Kralove; Biophysics Institute CSAV, Brno (Biofyzikalni ustav CSAV)

TITLE: Characteristics of secondary colonies of hemopoietic tissue in the spleens of irradiated mice [This paper was presented at the working session of the Czechoslovak Biophysical Association in Brno, 3 February 1965.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 273

TOPIC TAGS: radiation biologic effect, mouse, hematopoiesis

ABSTRACT: Resuspension and reinjection of splenic hemopoietic colonies in irradiated mice revealed that the characteristic differentiation of these according to ultimate evolution into erythro- or leukopoietic cell groups is less a factor in any intrinsic cell properties than in local host conditions. M. Fabova and J. Cibulkova participated in the technical work. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 004

Card 1/1 *HW*

TKADLICEK, L.

Effect of nitrous oxide anesthesia on fatality of roentgen irradiation
in mice. Cesk. fysiол. 6 no.4:494-500 Nov 57.

1. Biofyzikalni ustav CSAV, Brno.

(ROENTGEN RAY, effects,

eff. of nitrous oxide anesth. on survival (Cz))

(NITROUS OXIDE, anesthesia and analgesia,

eff. on x-irradiated mice survival (Cz))

JURASKOVA, Vera; TKADLECEK, L.; DRASIL, V.

Note on the differentiation of colonies of haematopoietic tissue cells in the spleen of irradiated mice. Folia biol. (Praha) 10 no.5:381-385 '64.

1. Institute of Biophysics, Czechoslovak Academy of Sciences, Brno and Military Institute of Medical Research and Postgraduate Study, Hradec Kralove.

TKADLEEK, L.; JURASKOVA, Vera

Attempt to influence differentiation of the stem cells of
bone marrow administered to irradiated mice. Folia biol.
(Praha) 11 no.2:134-139 '65

1. Purkyne Military Institute of Medical Research and Post-
graduate Study, Hradec Kralove, and Institute of Biophysics,
Czechoslovak Academy of Sciences, Brno.

BOGDANOV, Vyacheslav Mikhaylovich, prof.; KOROLEVA, A.I., retsenzent;
BAKAREVA, A.I., retsenzent; TKAL', T.K., retsenzent; SUIMA, V.A.,
retsenzent; KOROLEVA, N.S., retsenzent; CHERKASOVA, M.P., red.;
ZARSHCHIKOVA, L.N., tekhn. red.

[Microbiology of milk and milk products] Mikrobiologiya moloka i
molochnykh produktov. 4 izd., perer. i dop. Moskva, Pishche-
promizdat, 1962. 307 p. (MIRA 15:12)

1. Prepodavateli Khar'kovskogo tekhnika molochnoy promyshlen-
nosti (for Koroleva, Bakareva, Tkal', Suima). 2. Starshiy mikro-
biolog Moskovskogo molochnogo kombinata (for Koroleva, N.S.).
(Dairy bacteriology)

SHESTOPALOVA, N.M.; AVAKYAN, A.A.; REYNGOL'D, V.N.; TKAL', V.V.

Electron microscope study of the plastic processes of intestinal epithelium of various mammals. Arkh.anat.gist.i embr. 38 no.3:34-44 Mr '60. (MIRA 14:5)

1. Laboratoriya elektronnoy mikroskopii (zav. -- doktor med. A.A. Avakyan) Instituta po izucheniyu poliomielifita. (DUODENUM)

TKAL', Yu.; YENYUKOV, A., dots.

Land-use planning on the collective farm. Nauka i pered.op.
v sel'khoz. 9 no.9:22-26 S '59. (MIRA 13:2)

1. Moskovskiy institut inzhenerov zemleustroystva (for
Yenyukov).
(Stupino District--Collective farms)

ENYUKOV, Adrian Vasil'yevich; OBOZOV, Nikolay Aleksandrovich; TRAL',
Yuriy Sergeevich; LASHKINA, A., red.

[Use of forage lands in intensive farming] Ispol'zovanie kor-
movykh ugodii pri intensivnom zemledelii. Moskva, Mosk. ra-
bochii, 1964. 87 p. (MIRA 17:7)

JELACIC, Cirilo (Zagreb); TRALCEC, Emil (Zagreb)

Determination of pentamethylonite content of substances.
Epitoanyag 14, no. 5:169-176 My '62.

TKALCEVIC, Z.

Acceptability of color reproduction. Kem ind 13 no. 8:628
Ag '64.

TKALCIC, M.
K. BALEKOVIC, J. Org. Chem. 16, 1338-10, 1951

TKALCIC, M.

Yugoslavia (430)

Technology

Hematopoietic factors of vitamin B complex. p. 170,
ARHIV ZA KEMIJU, Vol. 20, no. 14, 1948.

East European Accessions List, Library of Congress,
Vol. 1, no. 14, Dec. 1952. UNCLASSIFIED.

TKALCU, Borek (Praha 10 Strasnice, Obvodova 1901)

Bumblebees in the area of Kuku-Nors (Hymenoptera, Bombinae). Cas
entom 58 no.4:344-379 '61.

1. Ceskoslovenska spolecnost entomologicka, Praha.

(Bumblebees)

TKALEC, S.

"Working therapy in osteoarticular hospitals." p. 14. (Borba Protiv Tuberkuloze. Vol. 1. no. 1, Jan./Feb. 1953. Beograd)

SO: Monthly List of East European Accessions, Vol. 3, no. 3. Library of Congress. March 1954. Uncl.

TKALIC, S.

"An Actual Problem." p. 23. (Borba Protiv Subverzija, Vol. 1, no. 3, July/Aug. 1953.
Beograd)

SO: Monthly List of East European Accessions. Vol. 3, no. 3. Library of Congress. March 1954
Uncl.

L 23003-66 EWT(m)/T/EWP(t) IJP(c) JD/JG
 ACC NR: AP6009653 SOURCE CODE: UR/0181/66/008/003/0740/0743
 AUTHORS: Skorokhod, M. Ya.; Datsenko, L. I.; Tkalenko, A. D. 45
 44
 ORG: Institute of Semiconductors, AN UkrSSR, Kiev (Institut 8
 poluprovodnikov AN UkrSSR)

TITLE: X-ray diffraction study of dislocations in single crystals
 of InSb and GaAs 18

SOURCE: Fizika tverdogo tela, v. 8, no. 3, 1966, 740-743

TOPIC TAGS: x ray diffraction analysis, single crystal, crystal
 dislocation, indium compound, gallium arsenide

ABSTRACT: The purpose of the investigation was to check on the re-
 liability of metallographic data on dislocation density in the inves-
 tigated substances. To this end, the dislocation structure of single-
 crystal plates with surface parallel to (111) were cut from an ingot,
 the strained surface layer removed by etching, and the samples
 studied metallographically (MIM-7 microscopes) and by x-ray diffrac-
 tion in copper K_{α} radiation using a procedure described by R. L. 2

Card 1/2

L 23003-66

ACC NR: AP6009653

Petrusevich and Ye. S. Sollertinskaya (Kristallografiya v. 9, 722, 1964). The results have shown that the single-crystal structure defects can be measured by anomalous passage of x-rays, since the dislocation densities obtained by the metallographic and x-ray methods were 2.3×10^3 and $2.9 \times 10^3 \text{ cm}^{-2}$ for InSb and 2.3×10^3 and $7.2 \times 10^3 \text{ cm}^{-2}$ for GaAs. This also indicates that the investigated crystals had a near-perfect structure. In addition to linear dislocations, in the case of GaAs there were observed several dislocation loops which lie in one plane parallel to (111). It is deduced from this that the contrast of the dislocation image is determined not only by the orientation of the Burgers vector, but also by the disposition of the dislocation line relative to the diffraction plane, since different sections of the same loop had different contrasts in spite of the same direction of the Burgers vector. The authors thank A. M. Yelistratov for valuable advice and remarks. Orig. art. has: 2 figures.

SUB CODE: 20/ SUBM DATE: 17Jul65/ ORIG REF: 005/ OTH REF: 005

Card

2/2 *pl*

LIPAKOV, A.N.; MEL'NIKOV, A.A.; STUPIN, G.G.; TKALENKO, A.P.;
SHCHERBAKOV, M.I.; PETUKHOV, N.N., otv. red.;
ABARBARCHUK, F.I., red.izd-va; OVSEYENKO, V.G., tekhn.red.

[Gyroflywheel mine locomotive] Shakhtnye inertsionnye lo-
komotivy. Moskva, Gosgortekhzdat, 1963. 122 p.
(MIRA 16:5)

(Mine railroads)

L 4499-66 EWT(d)/EWP(1) IJP(c) BB/GG/JXT(BF)

ACC NR: AP5023271

UR/0302/65/000/003/0029/0031
681.142.62

AUTHOR: Tkalenko, N.A.⁴⁴; Kirdan, V.S.⁴⁴

40
50

TITLE: Perfection of digital computer photoreading devices 16C, 44

SOURCE: Avtomatika i priborostroyeniye, no. 3, 1965, 29-31

TOPIC TAGS: reading machine, punched paper tape, digital computer, computer programming, electronic circuit, computer circuit

ABSTRACT: Punched tapes in conjunction with photoreading devices are the most common systems for the introduction of information into electronic digital computers. The drawbacks of such an approach are: 1. the waste of carrier material during registration of short numbers; 2. extended time needed for the preparation of the punchtape and the introduction of the numbers from the tape into the computer; and 3. the need for a fixed number of information digits introduced into the computer. Consequently, the present authors developed a method which eliminates the fixed number of digits by introducing a special mark indicating the boundary between consecutive numbers. The device, supplementing the "Razdan-2" electronic digital computer, consists of a counter, a counter resetting circuit, a shift pulse shaper, and a recording section. It shifts the number being read off through the missing number of digits to complete the full order of the mantissa. The article presents the block diagram of the device and describes its operation. Orig. art. has: 2 figures.

Card 1/2

09010049

L 4499-66

ACC NR: AP5023271

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: DP, EC

NO REF SOV: 000

OTHER: 000

PC
Card 2/2

ACCESSION NR: AP4040424

S/0302/64/000/002/0019/0021

AUTHOR: Tkalenko, N. A.; Kirdan, V. S.

TITLE: Automatic introduction (extraction) of alphanumeric information in the Ural-1 digital computer

SOURCE: Avtomatika i priborostroyeniye, no. 2, 1964, 19-21

TOPIC TAGS: digital computer, Ural 1 digital computer, telegraph page printer, automatic data introduction, automatic data extraction

ABSTRACT: The joint operation of a telegraph page printer and a Ural-1 digital computer connected in the simplest way was experimentally studied. Data was delivered by the computer, at 7.2 bauds, in a contactless way, directly into the communication line or into the printer. Block, functional, and sequence diagrams of the combined system are presented and explained. Orig. art. has: 5 figures.

ASSOCIATION: Kiyevskiy universitet (Kiev University)

SUBMITTED: 00

DATE ACQ: 24Jun64

ENCL: 00

SUB CODE: DF

NO REF SOV: 000

OTHER: 000

Card 1/1

SOV/115-59-2-37/38

28(5)
AUTHOR: Kolosova, M.F., Tkalenko, N.A.
TITLE: Improving the Design of Measuring Equipment (Uluchshat'
konstruktsii izmeritel'nykh priborov)
PERIODICAL: Izmeritel'naya tekhnika, 1959, Nr 2, p 61 (USSR)
ABSTRACT: The authors discuss briefly: a) a universal measuring
microscope UIM-21 and b) measuring machine IZM-10.
Regarding the UIM-21, it is recommended that the white
lighting of the projector nozzle be replaced by green
lighting as is the case with optimeters. Another sug-
gestion is to coat the angle bars around which the frame
bearings rotate, in order to avoid angle bar wear. Con-
cerning the IZM-10, suggestions include producing a spe-
cial device for checking stop measures on the machine
and an apparatus for verifying optical, dividing heads.

Card 1/1

L 24128-65

ACCESSION NR: AP4034279



ing the Laplace transformation. An expression is derived for the perturbation potential function, ϕ , and a solution is given for the perturbation velocity near the initial frozen Mach line. The boundary conditions are

$$\phi = 0, X < 0$$

$$\phi = \text{finite } r \rightarrow \infty \text{ and } \frac{\partial \phi}{\partial r} = W_{\infty} \frac{dR}{dx} \text{ at } r = R(x)$$

where $r = R(x)$ - equation of body surface. Calculations for a slender cone $R(x) =$

... and the same Mach number, separ-
... equations and figures.

ASSOCIATION: none
SUBMITTED: 18Oct63
NO REF SOV: 002

ENCL: 00
OTHER: 005

SUB CODE: ME, AS

Card 2/2

TKALENKO, V.; MEL'NIKOV, G., starshiy inzhener

Receiving and cleaning grain in a continuous operation at the Velichkovo Grain Receiving Station. Muk.-elev.prom. 26 no.5:12-13 My '60.
(MIRA 14:3)

1. Krasnodarskoye upravleniye khleboproduktov. 2. Nachal'nik
tekhnicheskogo otdela Krasnodarskogo upravleniya khleboproduktov
(for Tkalenko).
(Krasnodar Territory—Grain elevators)

IL'YENKOV, A.I. [Il'ienkov, A.I.]; TKHORIK, Yu.A. [Tkhoryk, IU.O.]

Measurement of short lifetimes of current carriers in semiconductor devices using the pulse method. Ukr. Fiz. zhur. 9 no.2: 139-149 F'64 (MIRA 17:7)

1. Institut avtomatiki i elektrometrii Sibirskogo otdeleniya AN SSSR, Novosibirsk, i Institut poluprovodnikov AN UkrSSR, Kiyev.

7211-1011, 11.5

BEZHANOV, B.N.; BUSHUNOV, V.T.; SHAUMYAN, G.A., doktor tekhn.nauk, prof.,
retsenzent; KATONOV, V.A., dots, retsenzent; GARBARUK, V.N., kand.
tekhn.nauk, nauchnyy red.; TKALICH, A.G., re.; DLUGOCKANSKAYA, Ye.A.,
tekhn.red.

[Industrial automatic machines; theory and design] Proizvodstvennye
mashiny-avtomaty; teoriia i raschet. Moskva, Gos.nauchno-tekhn.
izd-vo mashinostroit. i sudostroit. lit-ry, 1953. 368 p. (MIRA 11:2)
(Machinery, Automatic)

TKALICH, A. I., MAYBORODA, V. S., RADKEVICH, P. YE. and MAMCHENKO, D. I.

"Poisoning of cattle with merkaptofos and kinds of prophylaxis."

Veterinariya, Vol. 37, No. 7, 1960, p. 65

Tkalich - chief Vet. Dr. Kurgan-Tyubinskii Region

Tadyluk SSR

1. TKALICH, A.
2. USSR (600)
4. Workingmen's Clubs
7. Our experience in disseminating material about the Nineteenth Party Congress, Klub, No. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

RADKEVICH, P.Ye., prof.; MAMCHENKO, B.I.; TKALICH, A.I.; MAYBORODA, V.S.

Merkaptophos poisoning of cattle and measures for its prophylaxis.
Veterinariia 37 no.7:65-66 J1 '60. (MIRA 16:2)

1. Vsesoyuznyy institut eksperimental'noy veterinarii (for Radkevich).
2. Direktor Tadzhijskoy respublikanskoy veterinarno-bakteriologicheskoy laboratorii (for Mamchenko).
3. Glavnyy veterinarnyy vrach Kurgan-Tyubinskogo rayona (for Tkalich).
4. Zaveduyushchiy sanitarnym otdelom Tadzhijskoy respublikanskoy sanitarno-epidemiologicheskoy stantsii (for Mayboroda).
(Merkaptophos--Toxicology) (Cattle--Diseases and pests)