

On Some Questions of the Convergence Theory of Series
With Positive Terms

30V/140-58-1-7/21

1 Swedish.

ASSOCIATION: Kiyevskiy ordena Lenina politekhnicheskoy institut (Kiyev Poly-
technic Institute Distinguished With the Lenin Order)

SUBMITTED: September 24, 1957

Card 3/3

ZMOROVICH, V.A. [Zmorevych, V.A.]

Generalization of Poisson's integral formula for n-connected circular domains. Dop. AN URSR no.7:698-700 '58. (MIRA 11:9)

1.Kiyevskiy politekhnicheskij institut. Predstavil akademik AN USSR
B.V. Gnedenko [B.V. Hniedenko]
(Functions, Analytic)

ZMOROVICH, V.A. (Kiyev)

Convexity limits for starlike functions of order α in a circle
 $|z| < 1$ and a circular region $0 < |z| < 1$. Mat.sbor. 68
no.4:518-526 D '65. (MIRA 18:12)

1. Submitted August 23, 1964.

16(1)

S07/21-59-9-2/25

AUTHOR: Zmorovych, V.A.

TITLE: On the Theory of Distribution of Roots of Algebraic Polynomials

PERIODICAL: Dopovidi Akademiya nauk Ukrayins'koyi RSR, Nr 9, 1959, pp 936-940 (USSR)

ABSTRACT: In this article, the author states that the theorems 1-7 which deal with the distribution of roots of algebraic polynomials (1.1) on the plane of a complex variable $z = x + iy$ are a consequence of his own theorems 8, 9, 10, and were already published in the papers of S.K. Singh, Q.I. Rahman and Tang Sung-Shih [Ref 1, 2, 3, 7]. Theorem 12 solves the problem of the relative precision of the following estimations

$$|z| < F_{p,q}(c) R, \quad c > 0, p > 0, q > 0, \frac{1}{p} + \frac{1}{q} = 1,$$

$$F_{p,q}(c) = \frac{1}{c} \left[1 + \left(\sum_{j=1}^{\infty} c^j \right)^{\frac{q}{p}} \right]^{\frac{1}{q}} \quad \frac{r}{R_0} \leq |z| \leq \frac{R}{x},$$

Card 1/2

On the Theory of Distribution of Roots of Algebraic Polynomials

SOV/21-59-9-2/25

Finally, paragraph 5 discusses the problem of the precision of the estimations provided by theorem 10₁ and its consequences. There are 4 references, 2 of which are English, 1 Chinese, and 1 Soviet.

ASSOCIATION: Kyivsk'kyi politekhnichnyi instytut (Kiyev Polytechnical Institute)

PRESENTED: By B.V. Hnyedenko, Member AS of UkrSSR

SUBMITTED: February 19, 1959

Card 2/2

PUZYNSKI, Stanislaw; ZMORSKI, Tadeusz

Parasitophobia in the course of the Lindau-von Hippel disease.
Neurol neurochir psych 12 no.5:785-787 S-O '62.

1. Klinika Psychiatryczna, Akademia Medyczna, Bialystok. Kierownik:
prof. dr med. L. Korzeniowski; i Panstwowy Szpital dla Nerwowo
i Psychicznie Chorych, Choroszcza. Dyrektor: dr med. J. Barto-
szewski. Ordynator: dr J. Bernasiewiczowa.

PUZYNSKI, Stanislaw; ZMORSKI, Tadeusz

Parasitophobia in Hippel-Lindau disease. Neurol. neurochir. psychiat.
pol. 12 no.5:785-787 '62.

1. Z Kliniki Psychiatrycznej Akademii Medycznej w Białymstoku Kierownik
Kliniki: prof. dr med. L. Korzeniowski i Państwowego Szpitala dla
Nerwowo i Psychicznie Chorych w Choroszczu Dyrektor: dr med.
J. Bartoszewski Ordynator: dr J. Bernasiewiczowa.
(PHOBIAS) (ANGIOMAGOSIS)

ZMORSKI, Tadeusz

Medication and conditioned reflex sleep therapy of chorea minor in children. Neur. &c. polska 7 no.3:305-317 May-June 57.

1. Z Kliniki Psychiatrycznej A. M. w Białymstoku. Kierownik: prof. dr med L. Korzenowski.

(CHOREA, therapy
sleep ther. (Pol))
(SLEEP, therapeutic use,
chorea (Pol))

ZMORSKI, Tadeusz
KIERSZ, Jan; KRAJEWSKI, Wacław; ZMORSKI, Tadeusz

Experimental observations on the effect of reserpine (serpasil)
on blood sugar level. Acta physiol. polon. 8 no.1:125-138 1957.

1. Z Zakładu Farmakologii A. M. w Białymstoku Kierownik: doc.
dr J. Kiersz i z Kliniki Psychiatrycznej A. M. w Białymstoku
Kierownik: doc. dr L. Korzeniowski.

(BLOOD SUGAR, effect of drugs on,
reserpine (Pol))

(RESERPINE, effects,
on blood sugar (Pol))

Poland/Pharmacology. Toxicology. Cardio-Vascular Drugs V

Abs Jour : Ref Zhur-Biol., No 8, 1958, 37593

Author : Kiersz Jan, Krajewski Wacław, Zmorski Tadeusz

Inst : Not given

Title : Experimental Investigation of the Effect of Reserpine (serpasile) on the Blood level of Glucose (Eksperimental'noye izucheniye vliyaniya rezerpina (serpazila) na uroven' glukozy v krovi)

Orig Pub : Acta physiol. polon., 1957, 8, No 1, 125-138

Abstract : The intravenous administration of serpasile(1) in doses of 1 mg/kg to anesthetized dogs produced a rise of the sugar level in the blood by an average of 57 mg%, and a maximum of 90 mg%. 1 removed the hypoglykemia effect of insulin administered in a dose of 1 unit per kg. 1 did not cause hyperglykemia when the suprarenal glands were removed, but did prevent insulin hypoglykemia.

Card 1/1

KIERSZ, Jan; KOCHMERSKA, Danuta; KRAJEWSKI, Wacław; KMORESI, Tadeusz

Experimental studies on the effect of desoxycorticosterone on the
hypotensive action of reserpine in hypertension after infusion.
Pat.polska 9 noli:29-34 Jan-Mar '58.

1. Z Zakładu Farmakologii A.M. w Białymstoku Kierownik: doc. dr J. Kiersz.
Adres autorów: Poznań ul. Nad Wierzbakami 32.

(DESOXYCORTICOSTERONE, Eff.

on hypotensive eff. of reserpine in hypertensive rabbits,
mechanisms of action (Pol))

(RESERPINE, eff.

hypotensive eff. on hypertensive rabbits, response to
DOCA, mechanisms of action. (Pol))

(HYPERTENSION, exper.

eff. of DOCA on hypotensive action of reserpine in
rabbit, mechanism of action (Pol))

POLAND/Pharmacology - Toxicology - Narcotics.

V

Abs Jour : Ref Zhur Biol., No 4, 1959, 18508

Author : Zmorski, Tadeusz

Inst :

Title : An Experiment of Treatment of Chorea Minor in Children
by Means of Pharmacological and Conditioned-Reflex Sleep.

Orig Pub : Neurol., neurochirurg. i psychiatr. polska, 1957, 7, No 3,
305-317

Abstract : No abstract.

Card 1/1

ZMORZYNSKI, Ryszard; BOZYK, Lubomira; MIERZEJEWSKI, Tadeusz

Clinical and radiological picture of tumors of the spinal cord
in children. Neurol. neurochir. psychiat. pol. 13 no.4:479-482
'63.

1. Z Oddziału Neurologii Dziecięcej im. J. Korczaka AM w
Gdańsku Kierownik: prof. dr Z. Majewska z Oddziału Neurochirurgii
III Kliniki Chirurgicznej AM w Gdańsku Kierownik: prof. dr
Z. Kieturakis z Zakładu Radiologii AM w Gdańsku Kierownik:
prof. dr W. Grabowski.

(SPINAL CORD NEOPLASMS) (RADIOGRAPHY)
(NEOPLASM DIAGNOSIS)

ZMOYRO, I.D.; MAZCHENKO, N.S.

Case of hypernephroma of one kidney in combination with hydromephroma of the other. Med. zhur. Uzb. no.10:65-66 '61.

(MIRA 14:10)

(KIDNEYS---TUMORS)

ZMOYRO, I.D.; BOLGARSKIY, I.S.

Spontaneous rupture of the urinary bladder. Urologia
no.4:55-56 '63. (MIRA 17:10)

1. Iz kafedry urologii (zav.- dotsent A.A. Kaysman) Tashkent-
skogo instituta usovershenstvovaniya vrachey i urologicheskogo
otdeleniya Tashkentskoy gorodskoy bol'nitsy No.1.

ZHOYRO, I.D.; KUZNETSOVA, S.P.

Perforation of the kidney and ureters in retrograde pyelography. Vest.
rent. 1 rad. 39 no.4:53-56 JL-Ag 164. (MIRA 1847)

1. Kafedra urologii (zav. -- docent A.A.Koyzman) Tashkentskogo instituta
usovershenstvovaniya vrachey i urologicheskoye otdeleniye Gorodskoy
bol'nitsy No.15, Tashkent.

KOYSMAN, A.A.; VARSHAVSKIY, S.T.; ZMOYRD, I.D.

Hospital hygiene in urological clinics. Antibiotiki 10 no.2:176-
198 p.195. (MIRA 1955)

1. Urologicheskaya klinika Tashkentskogo instituta usovershenstvovaniya
meditsinskoy nauki i zdaniya gorodskoy klinicheskoy
meditsinskoy N. 1.

POCORELKO, I.P., doktor med.nauk; ZMOYEO, I.D.

Rare complication following surgery on a vesicovaginal fistula.

Akush. i gln. 40 no. 3:127 My. 16 '62.

(MIRA 1816)

1. "Meditsinskaya statistika Tashkentskoy gorodskoy bol'nitsy
"no. 25" (Tashkent: Tashkent. Gilevyy vrach M. Ismankhodzhayeva).

ZMOYRO, I.D.

A.I. Mikhel'son's vesicoseigmoidanastomosis operation in a case of ectopy
of the bladder. Med. zhur. Uzb. no. 1:67-68 Ja '60.

(MIRA 13:8)

(BLADDER--SURGERY)

POGORIELKO, I.P., dotsent; ZMOYKO, I.D.; KHODIYEV, E.M.

Case of vascular plastic surgery of the urethral canal. Med. zhur.
Uzb. no.12:80 D '61. (MIRA 15:2)

1. Iz urologicheskogo otdeleniye Tashkentskoy gorodskoy bol'nitsy
No.6 (glavnyy vrach - M.Kh. Ishankhodzhayeva).
(URETHRA...SURGERY)

Z. ZMRHAL

CSSR

Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of
Science, Prague

Prague, Collection of Czechoslovak Chemical Communications, No 12, 1962,
pp 2934-2939

"On Proteins. LXXIX. Amino-Acid Composition of Bovine Chymotrypsinogen A"

ZMRHAL, Z.; JEGOROV, G.; KEIL, B.

Proteins. Pt. 87. Coll Cz Chem 29 no.4:943-952 Ap '64.

1. Institute of Organic Chemistry and Biochemistry,
Czechoslovak Academy of Sciences, Prague.

ZMRHAL, Z.

On proteins. Pt. 82. Coll Cz Chem 28 no.9:2356-2364 S '63.

1. Institute of Organic Chemistry and Biochemistry,
Czechoslovak Academy of Sciences, Prague.

CZECHOSLOVAKIA

ZMRHAL, Z.

Institute of Organic Chemistry and Biochemistry of the
Czechoslovak Academy of Sciences, Prague

Prague, Collection of Czechoslovak Chemical Communications,
No 9, 1963, pp 2356-2363

"On Proteins. LXXXII. Amino Acid Composition of Beef Trypsin."

ZMRHAL, Z.

On proteins. Part 79: Amino-acid composition of bovine
chymotrypsinogen A. Coll Cz Chem 27 no.12:2934-2939 D
'62.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak
Academy of Sciences, Prague.

SPACEK, B.; PELESKA, B.; ZASTAVA, V.; HAMMER, J.; PISA, Z. Technicka
spoluprace: RABL, M.; ELAZEK, Z.; ZMRHALOVA, A.; CERNÁ, H.; MAJEROVA, H.

Reversibility of cardiac contraction after temporary obstruction
of the coronary arteries. Cas. lek. cesk. 104 no.1:1-11 8 Ja '65

1. Ustav klinické a experimentální chirurgie v Praze (reditel -
prof. dr. B. Spacek, DrSc.) a Ustav pro choroby oběhu krevního
v Praze (reditel - prof. dr. J. Brod, DrSc.).

PELESKA, B.; JELINEK, M.; Technicka spoluprace: Blazek, Z.; Rabl, M.; CERNA,
H.; MAJEROVA, H.; ZMRHALOVA, A.

Combined electrical reanimation unit. Rozh. chir. 43 no. 4: 253-258
Ap '64.

1. Ustav klinicke a experimentalni chirurgie, Praha a Vyzkumny
ustav zdravotnicke techniky, Brno.

"The Influence of the Hypostoma of a Hydra on its Adherence to a Substratum,"
Dok. AN, 67, No. 2, 1949.

ZMUDA, A.

One million gross tons of the Polish ship-yards. Przegl techn
no.31:4, 5 3 Ag '60.

ZMUDA, Andrzej

Labor productivity standards technologically justified as
applied in the M-8 Electric Generators Production Works in
Bielsko. Przegl techn no.30:4-5 25 '1 '60.

ZMUDA, S.

ZMUDA, S. Topographic signs in cartography. p. 300

Vol. 12, no. 8, Aug. 1956
PRZEGLAD GEODEZYJNY
SCIENCE
Warszawa, Poland

So: East European Accession, Vol. 6, no. 2, Feb. 1957

ZMUDA, S.

SCIENCE

Periodicals: PRZEGLAD GEODEZYJNY. Vol. 14, no. 2, Feb. 1958.

ZMUDA, S. Cartographic representation of Poland's ground relief. p. 50.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4,
April 1959, Unclass.

P/029/60/000/011/001/002
A076/A126

AUTHOR: Żmuda, Stefan

TITLE: The problem of levelling cuts on small-scale maps. Part II

PERIODICAL: Przegląd Geodezyjny, no. 11, 1960, 399 - 403

TEXT: In this second part of the article the author discusses and compares scales of levelling cuts on small-scale of South and North America, Australia, Africa, Europe and Asia. Closer investigations revealed that many problems concerning the development of contemporary cartography have not been solved by the Polish cartographic institutes. No uniform views exist on the application of levelling cuts on small-scale maps, and levelling cuts on these maps vary. After comparing various scales of levelling cuts used in the USSR and Great Britain, the author comes to the following conclusions: the application of a uniform scale for levelling cuts for a series of certain maps is not correct. The basic scale of levelling cuts should be 200 and not 300 m. Thick levelling-cut scales should be used on small scale maps. For certain parts of Europe and Africa cuts of 1,500 m should be used. For each individual map a proper scale of levelling cuts should be made. For continents or given countries the scale of levelling cuts

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The problem of levelling cuts on small-scale maps....

P/029/60/000/011/001/002
A076/A126

should be the expansion of the basic scale for a given country. There are 15
figures and 3 tables.

Card 2/2

P/029/60/000/010/003/005
A076/A126

AUTHOR: Żmuda, Stefan

TITLE: The problem of levelling cuts on low-scale maps. Part I

PERIODICAL: Przegląd geodezyjny, no. 10, 1960, 363 - 367

TEXT: The article presents a short evolution history of contour levelling on low-scale maps, discusses the problem of levelling cuts and analyzes levelling cuts marked on wall maps published by the Państwowe Wydawnictwa Szkolne (National School Publications) in Warsaw and others. By comparing levelling cuts on maps prepared by J. Szaflarski, M. Janiszewski, T. Garley, the former Institute of Cartography im. E. Romer in Wrocław and the National School Publications in Warsaw, a difference in contours is noted. Up to 500 m altitude four different levelling cuts were found: a) depression 0, 100, 200, 500; a1) depression 0, 200, 500; b) depression 0, 150, 300, 500; b1) depression 0, 300, 500. Between the heights of 500 to 2,000 m, levelling cuts were uniform. Above the height of 3,000 m three scales of levelling cuts were found: a) 2,000, 3,000, 5,000; b) 2,000, 4,000; c) 2,000, 3,000, 4,000, 6,000. On the present day maps the following principles should be taken into account: 1) Accurate relation between

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P/029/60/000/010/003/005
A076/A126

The problem of levelling cuts on low-scale maps.

contour height and situation points. 2) Accurate inclination angle of all types of contours. 3) General characteristics of the various types of terrain and contours. 4) Plasticity of the ground should be shown. Levelling cuts on low-scale maps published in the USSR are the following: Heights: depression 0, 200, 500, 1,000, 2,000, 3,000, 4,000, 5,000 m. Depths: 0, 200, 500, 1,000, 2,000, 4,000, 6,000 m. A discussion on the subject of levelling cuts on low-scale maps continued in the USSR for half a century. In this discussion a number of scientists took part, among them A.A. Tillo, V.M. Lozinova, S.N. Nikitin, A.N. Voronina, T. N. Gunbina, K.A. Salitchev, J.P. Zarucka and others. T.N. Gunbina elaborated a special table showing a number of possibilities of contour inclination angle where a distance between each levelling contour is not less than 0.3 mm. O.A. Siergyeyev analyzed inclination angles and ascertained four types of contour. 1) Low land with extreme inclination angles of slopes up to 20°. 2) Hilly ground up to 35°. 3) Medium mountains up to 45°. 4) High mountains above 45°. A number of investigations showed that the following factors influence the selection of levelling cuts: a) the scale; b) the purpose of the map; c) absolute and relative height of given types and morphological forms of relief shape and d) maximum and average inclination angle of slope. It was ascertained that it is impossible to elaborate a universal and uniform scale for levelling cuts on low-scale maps.

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The problem of levelling cuts on low-scale maps.

P/029/60/000/010/003/005
A076/A126

The following scales for levelling cuts on maps showing world hemispheres were adapted in the USSR: 0, 200, 500, 1,000, 2,000, 3,000 and 5,000 m. For series of world maps: 0, 200, 500, 1,000, 2,000, 3,000 and 5,000 m. For Europe 100 and Africa 1,500 m. Maps of the USSR for elementary schools: 0, 100, 200, 500, 1,000, 2,000, 3,000, 4,000 and 5,000 m; for high schools: 0, 200, 500, 1,000, 2,000 and 4,000 m. For a map scale of 1 : 1,000,000: 50, 150, 250, 300, 400, 600, 2,500, 3,500, 4,000 and 5,000 m. There are 5 tables. The article will be continued.

Card 3/3

ZMUDA, Tadeusz, ins.

Six-shift stone driving. Przegl gorn 18 no.5:278-282
My '62.

ZMUDI, A. M.

21567

ZMUDI, A. M.

Vliyaniye gipostoma gidry na funktsiyu prikrenleyiya yaya k
substratu.

Doklady Akad. nauk SSSR, Novaya Seriya, t. LXVII, No. 2, 1949, s. 405 - 08.

Bibliogr: 7, NAZV.

SO: Lotopis' Zhurnal'nykh Statoy, No. 29, Moskva, 1949.

ZMUDIKOV, V.L.

Use of an electronic stabilizer in the capacity of an a.c.
generator. Avtom.kont.i izm.tekh. no.6:122-124 '62.

(MIRA 16:2)

(Electric measurements) (Electronic circuits)

ZMUDIKOV, V.L.

Stepped RC filters. Radiotekhnika 18 no.1:61-67 Ja '63.

(MIRA 1642)

(Electric filters)

(Radio filters)

86268

S/108/60/015/008/007/010/XX
B019/B063

9.3240 (1067, 1143, 1154)

AUTHOR: Zmudikov, V. L.

TITLE: Improvement of the Phase-frequency Characteristic of Poorly Adjusted Selective Feedback Amplifiers

PERIODICAL: Radiotekhnika, 1960, Vol. 15, No. 8, pp. 53-56

TEXT: The amplification of poorly adjusted selective amplifiers with frequency-dependent feedback tends, not to zero like in resonance amplifiers, but to one. This affects the selectivity and noise immunity of feedback amplifiers. The phase angle of the amplification factor tends toward 90° with deteriorating adjustment of a resonance amplifier, while it tends to zero with deteriorating adjustment of a feedback amplifier. Two proposals are made for the elimination of this difference. The amplification factor of a feedback amplifier is given as

$$\dot{U}_2/\dot{U}_1 = K = \frac{K_o}{K_o + 1} + \frac{K_o^2(s-p)}{(K_o+1)(s+pK_o)} \cdot \frac{1}{1 + iy \frac{K_o+1}{s+pK_o}} \quad (5)$$

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Improvement of the Phase-frequency Character- S/108/60/015/008/007/010/XX
istic of Poorly Adjusted Selective Feedback BO19/BO63
Amplifiers

A discussion of this expression shows that this difference can be removed as follows: The voltage $\dot{U}_1 K_o / (K_o + 1)$ is to be subtracted from the output voltage $\dot{U}_2$ of the amplifier and, thus, the first term of (3) is canceled.

The block diagram required for this purpose is shown in Fig. 1. This and another diagram shown in Fig. 2 are discussed next. The amplifier shown in Fig. 2 (block diagram) was tested using the amplifier circuit shown in Fig. 3. Amplitude-frequency characteristics for a compensated and an uncompensated amplifier are shown in Fig. 4. Fig. 5 shows a single-valve amplifier based on the same principle. It is shown that two parameters are required for a complete determination of the characteristic of a feedback amplifier, i.e., the equivalent quality factor $Q_{eq} = (K_o + 1) / (s + pK_o)$ and

the ratio of the residual amplification for poor adjustment to that for resonance: $a = (1 + pK_o / s) / (K_o + 1)$. The two parameters allow the

selective properties of an amplifier to be determined completely.

A.A. Rizkin (Ref. 2) is mentioned. There are 5 figures and 2 Soviet references.

Card 2/4

86268

Improvement of the Phase-frequency Characteristic of Poorly Adjusted Selective Feedback Amplifiers

S/108/EO/015/008/007/010/XX
BO19/BO63

SUBMITTED: November 6, 1958

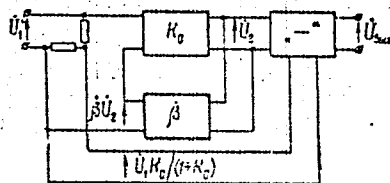


Рис. 1 Fig. 1

(напряжение $\dot{U}_2$ берётся с выхода фильтра — см. рис. 2); подставляя сюда (2), получаем:

Card 3/4

ZMODIKOV. V.L. (L'vov); PETRUSHKO, I.V. (L'vov)

Statistical analysis of transistor reliability tests. Avtom.
i telem. 24 no.8:1145-1146 Ag '63. (MIRA 16:8)

(Transistors---Testing)

ZMUDIKOV, V.L.

Use of subtractor circuits in selective amplifiers. Avtom.
kont. 1 elek. izm. no.2:75-82 '60. (MIRA 15:3)
(Amplifiers (Electronics))

ZMUDIKOV, V.L.

Different forms of the 2T-^{RC} filter. Radiotekhnika 16 no.8:41-47
Ag '61. (MIRA 14:7)

(Radio filters)

ZMUDIKOV, V.L.

Improvement of the phase-frequency characteristics of
selective feedback amplifiers at large mistunings.
Radiotekhnika 15 no.8:53-56 Ag '60. (MIRA 13:8)
(Amplifiers(Electronics))
(Feedback(Electronics))

Zmudzinska, I.

Zmudzinska, I. Furniture for the apartments of the Administration of
Workers Settlements. p. 95. St. T. Furniture for Community
halls. p. 96.

Vol. 7, no. 3 Mar. 1956
PRZEMYSŁ DRZEWNY
TECHNOLOGY
Warszawa, Poland

So. East European Accession Vol. 6, no. 2, Feb., 1957

ZMUDZINSKA, Maria

Searching for the sources of lowere proteolytic activity of the venous blood in arteriosclerosis obliterans. Polskie arch.med.wewnetrz. 29 no.12: 1637-1640 '59.

1. Z III Kliniki Chorob Wewnetrznych Sl.A.M. w Bytomiu. Kierownik: prof.dr. med. K.Gibinski.

(ARTERIOSCLEROSIS blood)
(PROTEASES, blood)

ZMUDZINSKI, Jerzy; ZMUDZINSKA, Maria

Lipoprotein lipase in the blood in obliterating atherosclerosis.
Polskie arch. med. wewn. 31 no.1:61-66 '61.

1. Z III Kliniki Chorob Wewnętrznych Sz. Akad. Med. w Bydgoszczy
Kierownik: prof. dr med. K. Gibiński.

(LIPOPROTEIN LIPASE blood) (ARTERIOSCLEROSIS blood)

ZMUDZINSKA, Maria

Effect of nutritional lipemia on blood coagulation in arterio-sclerosis obliterans. Pol. arch. med. wewnet. 33 no.11:1275-1282 '63.

1. Z III Kliniki Chorob Wewnetrznych Sl. AM w Bytomiu. Kierownik: prof. dr. med. K.Gibinski.

Z MUDZINSKA, MARIA.

POLAND/Human and Animal Physiology - Blood. Blood Coagulation.

T-4

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45971

Author : Zmidzinski, Jerzy; Zmudzinska, Maria

Inst :

Title : The Antagonism between Heparin and ACTH [Adrenocortico-
trophic Hormone] in Blood Coagulation Processes.

Orig Pub : Przegl. lekar., 1956, 12, No 10, 313-315

Abstract : Antagonistic relations exist in the process of blood coagulation between heparin (H) and ACTH, which are revealed by the fact that the initially prolonged coagulation time achieved through the influence of heparin decreases sharply when ACTH is administered. This effect is obviously unilateral, as there is no evidence that ACTH effects are eliminated by heparin. There exists a correlation between blood coagulation time and dosages of heparin and ACTH. Thus, 20 mg of ACTH produce a marked decrease of

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COUNTRY : POLAND
CATEGORY : Chemical Technology. Chemical Products and
Their Applications. Water Treatment. Sewage.
ABS. JOUR. : RZKhim., No. 23 1959, No. 82049
AUTHOR : Zarebski, H.; Zmudzinska, S.
INST. : -
TITLE : pH Alarm for Recycle Water
ORIG. PUB. : Chemik, 1959, 12, No 3, 133-134
ABSTRACT : Described is a somewhat modified scheme
against that proposed by the Ural'skiy Sci-
entific Research Chemical Institute. Presen-
ted are results of laboratory tests.

CARD: 1/1

H - 20

KACZMAREK, T., mgr inż.; ZMUDZINSKA, S., mgr inż.; TOBOLIK, M., inż.;
MILENKIEWICZ, W., inż.

Application of sodium amalgam in the chemical industry. Chemik
16 no.1:10-13 Ja '63.

1. Instytut Chemii Nieorganicznej, Gliwice.

ZMUZINSKA, S.; ZAREBSKI, H.

An acidity indicator for cooling water. p. 133.

CHEMIK. (Ministerstwo Przemyslu Chemicznego i Stowarzyszenie Naukowe-Techniczne Inzynierow i Technikow Przemyslu Chemicznego) Warszawa, Poland Vol. 12, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

COUNTRY : Poland
 CATEGORY : Chemical Technology. Chemical Products and
 Their Applications. Elements. Oxides. Mineral*
 ABS. JOUR. : RZKhim., No. 23 1959, No. 82794
 AUTHOR : Akerman, K.; Zmudzinski, B.; Godula, R.
 TITLE : Derivation of Aluminum Oxide Through Leaching
 of Loose Aluminum Containing Slags with Soda
 Solutions.
 ORIG. PUB. : Arch. hutn., 1958, 3, No 4, 255-285
 ABSTRACT : Slags derived from agglomerate calcination in
 a rotary kiln or (in an hearth type roasters)
 of clayey raw materials with anhydrite and
 limestone containing in the first and second
 instances respectively (in wt%): Al_2O_3 - 15-17
 and 23 - 26; CaO - 55-57 and 50-52; SiO_2 - 18-20
 and 13 - 15; 70 - 90% of the derived slag pass
 through the 0.06 mm mesh sieve. Investigations
 conducted on a semi-commercial scale in the
 batch type operation revealed that after two
 *Acids, Bases, Salts.
 CARD: 1/2

CATEGORY :

H

ABS. JOUR. : RZKhim., No. 23 1959, No. 82704

AUTHOR :

INST. :

TITLE :

ORIG. PUB. :

ABSTRACT

Con'd

: stage leaching with soda solution approxima-
tely 85% Al_2O_3 can be recovered. The leaching
process proceeds without difficulty as the
solids tend to settle rapidly. Plugging up of
pumps and lines was not noted. The unreacted
solids are suitable for the manufacture of
cement. Optimum conditions for the precipita-
tion of $NaHCO_3Al(OH)_3$ were also established.
The obtained Al_2O_3 contained the following
impurities (in wt.%): SiO_2 - 0.00 - 0.15,
 Fe_2O_3 - 0.01 - 0.20, Na_2O - 0.60, CaO - 0.00.
The bibliography covers 12 references.

CARD:

2/2

H - 36

COUNTRY :
CATEGORY :

ABS. JOUR. : AZKhim., No. 23 1959, No. 82795

AUTHOR :
INST. :
TITLE :

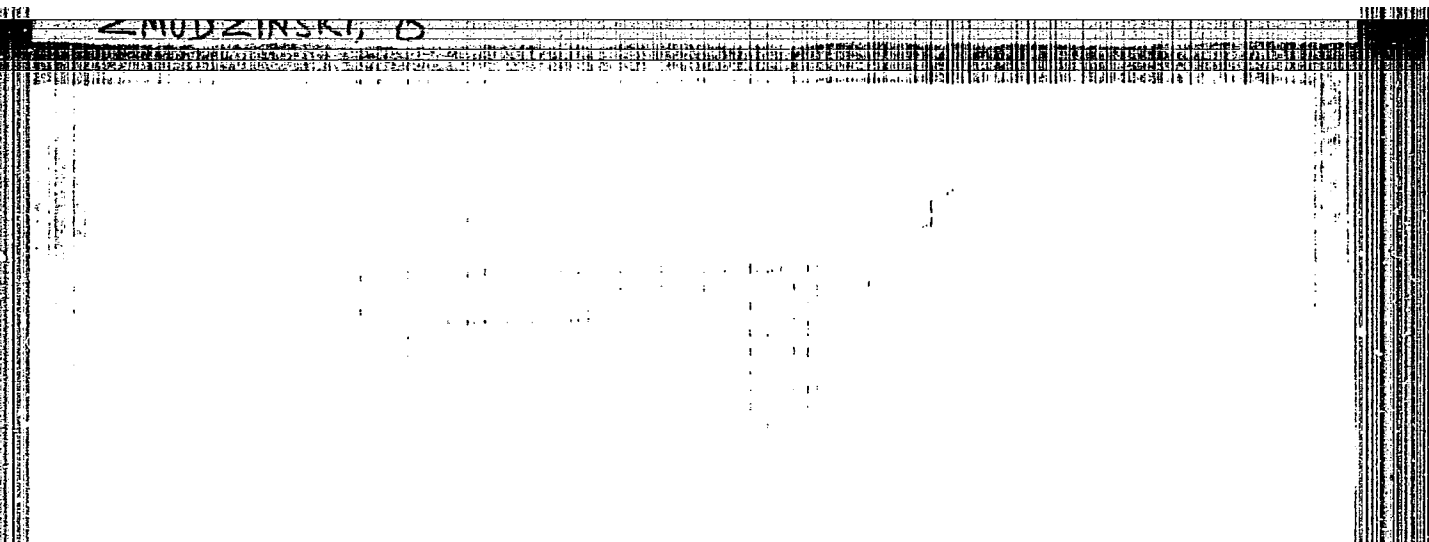
ORIG. PUB. :

ABSTRACT : of 90-100 and were suitable for the direct
Con'd manufacture of cement. The bibliography in-
cludes 5 titles.

CARD: 3/3

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APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320005-8"

AKERMAN, Karol; ZMUDZINSKI, Bronislaw; ZURAKOWSKI, Stanislaw

Melting of self-dispersing alumina bearing slags in a water
jacket shaft furnace. Archiw hutn 7 no.1:47-81 '62.

ZMUDZINSKI, J.

Standardization of grates in locomotives of the series Ty246 and Ty51.p.71.

PREZEGIAD KOLEJOWY MECHANICZNY. (Panstwowe Wydawnictwa Komunikacyjne)
Warszawa, Poland. Vol. 11, no. 3, Mar. 1959.

Monthly list of East European Accessions Index, (EEAI) IC, Vol. 8, no. 66.
June, 1959.
uncla.

ZMUDZINSKI, J.

Welding experiments performed at the Railroad Rolling Stock Repair Shops.
p. 333.

PRZEGLAD KOLEJOWY MECHANICZNY. (Państwowe Wydawnictwo Komunikacyjne)
Warszawa, Poland, Vol. 11, No. 11, Nov. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1959.
Uncla.

ZMUDZINSKI, J.

ZMUDZINSKI, J. Assurance of the fulfillment of plans. p. 28. Vol. 7, no. 8,
Aug. 1956. GOSPODARKA ZECZOWA. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 1--April 1957

ZMUDZINSKI, J.

ZMUDZINSKI, J. Improvement in the unloading of grainl. p. 25.

Vol. 7, no. 7, 1956
GOSPODARKS ZEOZOWA
AGRICULTURE
Warszawa, Poland

Sc: East European Accession, Vol. 6, no. 2, Feb. 1957

ZMUDZINSKI, J.

Gospodarka Zbozowa - Vol. 6, no. 5, May 1955.
Campaign of grain purchasing is approaching. p. 1.

Planning for each level of work. p. 28.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

ZMUDZINSKI, Jerzy

Chronic cor pulmonale in foundry workers. Polskie arch. med.
wewn. 26 no.3:403-412 1956.

1. Z III Kliniki Chorob Wewn. Sl. A.M. w Bytomiu, Kierownik:
prof. dr. med. K. Gibinski, Bytom, ul. Batorskiego 15. III Klinika
Chorob Wewn.

(PULMONARY HEART DISEASE, statistics,
in foundry workers (Pol))

GIBINSKI, Kornel; KUBISTY, Wladyslaw; MROMLINSKA, Maria; ZMUDZINSKI, Jerzy

Observations on Moroney's excision and formation of the stomach.
Polski tygod. lek. 11 no.26:1189-1190 25 June 56.

1. Z III Kliniki Chor. Wewn. A.M. w Bytomiu; kier. prof. dr.
Kornel Gibinski z Oddz. Chirur. Szpitala Miejskiego Nr 1 w
Bytomiu; ordynator: dr. med. W. Kubisty; 1 z Oddz. Radiologicznego
Szpitala Miejskiego Nr 1 w Bytomiu; ordynator: dr. med.
M. Mromlinska. III Klin. Ch. Wewn. Sl. Ak. Med. Bytom, Batorego
15.

(STOMACH, surgery,
Moroney's operation (Pol))

EXCERPTA MEDICA Sec. 2 Vol. 10/7 Pol. Biochem. July 57

2940. ZMUDZINSKI J. and ZMUDZINSKA M. III Klin. Chor. Wewn. Sl.A.M., Bytom. Antagonizm heparyny i ACTH w zakresie krzepnięcia krwi. *Antagonism of heparin and ACTH on blood coagulation* Przegl. lek. 1956, 12/10 (313—315) Graphs 2 Tables 1

Coagulation time (Fonio) determinations were made in 40 persons before and 2 hr. after the administration of 20 mg. ACTH and increasing doses of heparin. The coagulation time lengthened by heparin was shortened again by ACTH, which thus shows heparin-antagonism. Mikulowski — Cracow

ZMUDZINSKI, Jerzy (Bytom, Katowicka 1 m.2)

Biochemical research on venous blood of extremities in obliterative vascular lesions, III. Proteinemia. Polskie arch.med. wewn. 28 no. 5:671-679 1958.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Bytomiu. Kierownik: prof. dr med K. Gibinski.

(VASCULAR DISEASES, PERIPHERAL, blood in obliterative dis (Pol))

(BLOOD PROTEINS, in various dis.

excess in venous blood in obliterative vasc.dis. (Pol))

ZMUDZINSKI, Jerzy; ZMUDZINSKA, Maria

Lipoprotein lipase in the blood in ablating atherosclerosis.
Polskie arch. med. wewnetrz. 31 no.1:61-66 '61.

1. Z III Kliniki Chorob Wewnetrznych Sl. Akad. Med. w Bytemiu
Kierownik: prof. dr med. K. Gibinski.

(LIPOPROTEIN LIPASE blood) (ARTERIOSCLEROSIS blood)

GIBINSKI, Kornel; GRZYBEK, Henryk; ZMUDZINSKI, Jerzy

The occurrence of gamma-glutamyl transpeptidase in the human liver under normal and pathological conditions. Acta med. Pol. 4 no.4:341-350 '63.

1. III Clinic of Internal Diseases, Silesian Medical Academy, Katowice. Direktor: Prof. Dr K. Gibinski and Department of Histology, Silesian Medical Academy, Katowice. Director: Doc. Dr A. Vorbrodt.

ZMUDZINSKI, Jerzy; KUMASZKA, Franciszek; GIEC, Leszek

Use of Na-24 in the evaluation of the blood supply of extremities
in arteriosclerosis obliterans. Pol. arch. med. wewn. 34 no.7:
939-945 '64.

1. Z III Kliniki Chorob Wewnętrznych Sz. Ak. Med. w Katowicach
(Kierownik: prof. dr. med. K. Gibinski) i z Zakładu Fizyki Sz.
Ak. Med. w Zabrze-Rokitnicy (Kierownik: prof. dr. fil. M. Puchalik).

GIEC, Leszek ; KUMASZKA, Franciszek; ZMUDZINSKI, Jerzy

Excretion with sweat of radioactive sodium (Na-24) under the influence of heat. Pol. arch. med. wewnet. 34 no.5 549-554 '64

1. Z III Kliniki Chorob Wewnętrznych Śląskiej Akademii Medycznej w Katowicach (Kierownik: prof. dr. med. E. Giełaski) i z Zakładu Fizyki Śląskiej Akademii Medycznej w Rokitnicy (Kierownik: prof. dr. fil. M. Puchalik).

CCONL : 1959-1960
 CATEGORY : Chemical Technology. Chemical Products and Their Applications. Fats and Oils. Waxes. Soaps and *
 ABS. JOUR. : RZhKhim., No 18, 1959, No. 69408
 AUTHOR : Zmudzinski, K.; Wotkowicz, J.
 TITLE : Effect of Organic Derivatives of Carbonic Acid on the Flotation Process of Galena and Sphalerite
 ORIG. FOR. : Prace Inst. Chem., 1959, 18, No 6, 861-867
 ABSTRACT : Presented is a detailed description of the synthesis and of properties of the trithiocarbonic acid alkyl esters and of esters of the allyl-xanthogenic acids. These reagents, as well as their mixtures with xanthogenates were employed as gathering agents in the laboratory experiments performed on the flotation of galena and sphalerite. It is established that mono-esters of the trithiocarbonic acid are highly effective gathering agents for galena and sphalerite.
 *Gathering Agents. Flotation Agents.
 Card: 1/2

PLACZEK, Joachim, mgr inż.; ZMUDZINSKI, Kazimierz, dr inż.

Flocculators used in ore dressing. Rudy i metale 9
143-147 Mr '64.

ZMUDZINSKI, Kazimierz; PLACZEK, Joachim

Flocculation, flocculators and their application. Przem chem 41
no.11:632-633 N '62.

1. Instytut Metali Niezależnych, Gliwice.

des. Mineralog. Zhurn., No 7, 1959, 23969
Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 23969
Author : Zmudzinski, K.
Inst : -
Title : Effect of Granulation on the Flotation
Characteristics of Galenite.
Orig Pub : Rudy i metale niezel., 1956, 1, No 1,
23-26

Abstract : Presented are experiments conducted in
the investigation of the flotation cha-
racteristics of galenite as a function
of its particle size, together with the
results of experiments describing perfor-

Card : 1/2

POLAND/Chemical Technology. Chemical Products
and Their Applications. Elements of

H-8

ZMUDZINSKI, Wiegław

Computation of control flaps. Probl proj hut maszyn 11 no.1:21-29
Ja '63.

1. Hiprohut, Gliwice.

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ZMUDZKA, Barbara; LEPOUTRE, L.; SHUGAR, D.

Acid and enzymic hydrolysis products of the cyclic phosphate esters of 1-(β -D-glucopyranosyl) uracil. Acta biochim. polon. 10 no.3:287-299 '63.

1. Department of Biochemistry, State Institute of Hygiene;
and Institute of Biochemistry and Biophysics, Polish Academy
of Sciences, Warszawa.

(URACIL) (PHOSPHATES) (CHROMATOGRAPHY)
(BRAIN) (ENZYMES) (TISSUE EXTRACTS)
(NUCLEOSIDES)

GIETKA, Marian; OKOLSKA, Wanda; ZMUDZKA, Barbara

Bacteriological studies in infections of the urinary system
in children. Pediat. pol. 38 no.2:125-132 '63.

1. Z Kliniki Terapii Chorob Dzieci AM w Warszawie Kierownik:
prof. dr med. H. Brokman i z Laboratorium Zespołu Klinik
Pediatricznych Wydziału Pediatricznego AM w Warszawie
Kierownik: dr med. L. Tomaszewski.

(URINARY TRACT INFECTIONS)
(ESCHERICHIA COLI INFECTIONS)
(PROTEUS INFECTIONS)
(STAPH INFECTIONS)
(AEROBACTER AEROGENES)
(STREPTOCOCCAL INFECTIONS)
(MYCOSES)

LUDWICZAK, Halina; NIZNIKOWSKA-MARKS, Janina; PRZYBYLSKA, Halina; ZMUDZKA, Barbara

Pyelonephritis in children -- selected problems dealing with the prognosis and therapy. I. Pediat. pol. 37 no.10:1011-1022 O '62.

1. Z Kliniki Diagnostyki Chorob Dzieci AM.Kierownik: prof. dr med.
Z. Lejmbach.

(PYELONEPHRITIS)

ZMUDZKA, Barbara; SHUGAR, D.

Preparation and chemical and enzymic properties of cyclic phosphates of D-glucopyranose and synthesis of derivatives of N-(D-glucopyranosyl) pyridine. Acta biochim. Pol. 11 no.4:509-525 '64.

1. Department of Biochemistry, State Institute of Hygiene and Institute of Biochemistry and Biophysics, Polish Academy of Sciences, Warszawa.

TOMASZEWSKI, Leszek, dr. med.; NADWORNÝ, Jerzy; ZMUDZKA, Barbara

Vitamin B-12 and sterility. Pol. tyg. lek. 19 no.50:1915-1918
14 D '64

1. Z Laboratorium Zespołu Klinik Dziecięcych Oddziału Pediatrycznego Akademii Medycznej w Warszawie (Kierownik: dr. med. Leszek Tomaszewski) i z II Kliniki Położnictwa i Chorób Kobięcych Akademii Medycznej w Warszawie i Poradni Endokrynologicznej (Kierownik: prof. dr. med. Ireneusz Roszkowski).

ZMUDZKA, Barbara; SZER, W.; SHUGAR, D.

Preparation and chemical and enzymic properties of phosphate esters of 1-(β -D-glucopyranosyl)uracil and -thymine. Acta biochim. pol. 9 no.4:321-341 '62.

1. Department of Biochemistry, State Institute of Hygiene, and Institute of Biochemistry and Biophysics, Polish Academy of Sciences, Warszawa.

(URACIL NUCLEOTIDES) (NUCLEOTIDES) (VENOMS)
(RIBONUCLEASE) (PHOSPHOTRANSFERASES) (PHOSPHATASES)

TOMASZEWSKI, Leszek; ZMUDZKA, Barbara

Vitamin B12 level in the blood of children. Microbiological determination. Pol. tyg. lek. 17 no.29:1135-1140 16 J1 '62.

1. Z Laboratorium Zespolu Kliniki Oddzialu Pediatrycznego AM w Warszawie P.S.K. Nr 3; kierownik laboratorium: dr med. Leszek Tomaszewski.

(VITAMIN B12) (BLOOD CHEMICAL ANALYSIS)
(BIOLOGICAL ASSAY)

ZMUDZKA, Izabella

Cerebral pyridoxine disorders. Folia med. Cracov. 6 no.3:
427-432 '64.

KOBIELOWA, Zofia; ZMUDZKA, Izabella; GARAPICH, Marek; SZCZUDRAWA, Jerzy

Difficulties in the classification and diagnosis of Hand-Schüller-Christian disease. Pol. tyg. lek. 20 no.22:805-808 31 My '65.

1. Z I Kliniki Dziecięcej (Kierownik: prof. dr. T. Giza) i z Zakładu Anatomii Patologicznej AM w Krakowie (Kierownik: prof. dr. J. Kowalczykowa).

POLAND

GIZA, Tadeusz, PIETRZYKOWA, Bogumila, and ZMUDZKA-WASOWICZ, Irena. First Pediatric Clinic (I Klinika Dziecięca), AM [Akademia Medyczna, Medical Academy] in Krakow (Director: Prof. Dr. T. GIZA)

"Usefulness of Lyophilized Foetal Tissues in Pediatric Therapy."

Warsaw-Krakow, Przegląd Lekarski, Vol 19, Ser II, No 5, 22 May 63, pp 235-237

Abstract: [Authors' English summary modified] Authors report their findings following administration of lyophilized foetal tissues to children with diseases of the central nervous system, endocrine system, mesenchymal tissues, kidneys, Blood, Down's disease, etc. In view of the severity and considered incurability of some of the conditions, improvement obtained was rather high, and authors recommend this treatment, particularly for diseases of the endocrine glands and Down's disease, as well as some diseases of the central nervous system. The 10 references contain one each of Polish and Swiss, and four each of German and English sources.

1/1

ZMURAN, Jozef, inz.

Technical and economic comparison of peak power plants,
Energetika Gz 14 no.10:489-491 O '64.

1. Institute of Power Engineering, Bratislava.

ZMURAN, Ondrej, inz.

We are improving the quality of television receivers. Tech prace
16 no.12:984-985 D '64.

1. Tesla Orava National Enterprise, Nizna nad Oravou.

ZMURAN, Ondrej, inz.

Operational reliability of the Standard television receiver.
Sdel tech 13 no.1:2-5 Ja '65.

ZMUSHKO, L. S.: Master Med Sci (diss) -- "Variability of the typhoid bacillus
in the immune organism". Minsk, 1958. 10 pp (Minsk State Med Inst), 200 copies
(KL, No 1, 1959, 123)

USSR/Microbiology. General Microbiology

F

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57450

Author : Zmushko L. S.

Inst : Minsk Medical Institute

Title : Variability of the Typhoid Fever Bacillus in
the Immune Organism

Orig Pub : Sb. nauchn. rabot. Minskiy med. in-t, 1957, 18,
3-15

Abstract : Strains Tu-2, Tu-29, and Tu-420, thoroughly tested for purity and possessing all typical properties were studied. The strains were passed a number of times through the organism of mice immunized with heated vaccine which was prepared from the mixture of the three strains. When the 5th passage of Tu-2 was screened, atypical colonies consisting of gram negative cocci were

Card 1/3

USSR/Microbiology. General Microbiology

F

Abs Jour : Zhur-Biol., No 13, 1958, 57450

Abstract : found along with colonies of the typhoid bacillus. The strains obtained from these colonies while possessing most of the properties typical of typhoid fever bacteria, were characterized by low agglutinability and a virulence decreased by 2 to 8 times. They possessed an expressed immunogenesis in relation to their own as well as to the initial Tu-2 culture. The protracted cultivation of cocci type strains in bile, restored some of the properties of typhoid fever bacteria, but led to the further weakening of their virulence. The strains retained their coccus type morphology. Attempts to revert them to their typical bacillus type forms by means of a passage through nonimmunized white mice produced no results. The coccus strain does not contain the Vi antigen. With food the strain is capable of

Card 2/3

USSR/Microbiology. General Microbiology.

F

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57450

Abstract : penetrating into the internal organs in the same manner as the initial Tu-2 strain; however, it does not produce any pathological symptoms. The serum obtained through immunization with this variant possesses protective properties.

Card 3/3