

Design of Cavity Resonators

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E192/E382



It is further shown that the resonator has a minimum volume if:

$$5 \cos^3 \varphi - 3 \cos^5 \varphi = 2\alpha/Q.A \quad (16)$$

where φ is defined by:

$$p\pi / 2\alpha R = \text{tg } \varphi \quad (8)$$

$R = D/\ell$ and $A = 2\rho_{vf}/Z_0$, where $\rho_{vf} = \sqrt{\pi f \mu_v / \sigma}$ and

$Z_0 = \sqrt{\mu_0 / \epsilon_0}$. It is now possible to determine the optimum value of D/ℓ . This is expressed by:

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$$\frac{D}{l} = \sqrt{\frac{3\alpha^2}{p^2\pi^2}} \cdot \left\{ \sqrt{1 + \sqrt{1 + 0.263 \frac{\alpha^2}{p^2\pi^2}}} + \sqrt{1 - \sqrt{1 + 0.263 \frac{\alpha^2}{p^2\pi^2}}} \right\} \quad (20)$$

When the optimum value of D/l is determined, it is necessary to calculate the dimensions of the resonator. These can be found by employing:

$$(fD)^2 = \frac{c^2}{\pi^2} \cdot \alpha^2 + \frac{c^2}{4} p^2 \left(\frac{D}{l} \right)^2 \quad (19)$$

provided α and p are known. In practical calculations it is necessary to take into account the roughness of the resonator surface and it is shown that, in general, this reduces Q by a factor of $\sqrt{2}$. Two practical resonators are designed on the basis of the above analysis.
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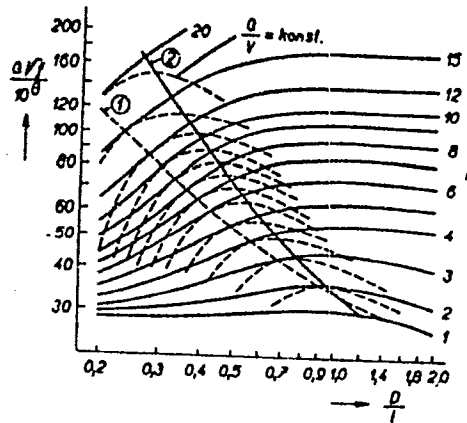


There are 7 figures and 4 references: 2 Czech and 2 non-Czech.
The English-language reference quoted is: Ref. 3 - Kinzler,
Wilson, Schramm, Bell Syst. Techn. J., 1946.

ASSOCIATION: ČVUT, elektrotechnická fakulta, pobočka Pobebrady
(CVUT, Electrical-engineering Department,
Pobebrady Branch)

SUBMITTED: March 17, 1960

Fig. 1:



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400

L 41519-65 ARG/SEO-2/ENG(j)/EWT(d)/FBD/FSS-2/ENG(r)/EWT(1)/FBO/EWP(c)/EWT(t)/
 EWT(m)/FE(v)-3/EPP(c)/REC(x)-2/ENG(s)-2/EWP(1)/EWP(f)/ENG(r)/EWP(c)/EWP(v)/EJA(1)/
 EPR/EWP(j)/T-2/ENG(a)-2/EWP(h)/EPA(bb)-2/EEG(c)-2/EEG-2/ENG(c)/FCS(x)/EWP(b)/
 AN445110 PL-4/Pn-4/Pk-4/Pn-4/ BCGX EXPLOITATION pi-4/Ph-4/Pro-2/Pa-4/Pr-4/163
 Po-4/Po-5/Pa-4/Pac-4/Pr-4 IJP(c) AST/TT/JN/DD/EM/GH/BC/JH 141

Barvir, Miroslav, (Engineer); Benes, Konrad, (Professor, Doctor); Bouska, Jiri, (Candidate of
 (Doctor); Rudil, Ivo, (Graduate in Philology); Cepelcha, Zdenek, (Candidate of
 Physical and Mathematical Sciences); Codr, Milan, (Doctor); Dolcizal, Vladimir, (Doctor);
 (Doctor); Dvorak, Antonin, (Candidate of Medical Sciences); Dvorak, Josef, (Doctor);
 Guth, Vladimir, (Candidate of Medical Sciences, Docent, Doctor); Hornik, Zdenek,
 (Doctor of Physical and Mathematical Sciences, Corresponding Member of the
 Czechoslovak Academy of Sciences, Professor, Doctor); Hospodar, Jan, (Doctor of
 Physical and Mathematical Sciences, Doctor); Kleczek, Josef, (Doctor); Klenz,
 Emil, (Candidate of Physical and Mathematical Sciences); Kolodovskiy, Milan; Kordl,
 Vladimir, (Doctor); Kopceky, Miloslav, (Candidate of Legal Sciences); Krivsky,
 Ladislav, (Candidate of Physical and Mathematical Sciences); Kviz, Zdenek, (Can-
 didate of Physical and Mathematical Sciences); Ledvina, Milan, (Engineer); Malcik,
 Vladimir, (Doctor); Moravek, Milan, (Candidate of Medical Sciences); Mrazek,
 Jaroslav, (Candidate of Medical Sciences, Engineer); Mrazek, Jiri, (Candidate of
 Technical Sciences); Neuzil, Luděk, (Doctor); Novotny, Zdenek, (Candidate of
 Physical and Mathematical Sciences); Novotny, Zdenek, (Doctor); Pernegr, Jaroslav,
 (Doctor); Candidate of Physical and Mathematical Sciences; Pesek, Rudolf, Professor,
 Doctor, Engineer); Pipal, Miloslav, (Doctor of Technical Sciences, Corresponding
 member, of the Czechoslovak Academy of Sciences); Plavec, Miroslav, (Doctor);
 Fokorny, Zdenek, (Candidate of Physical and Mathematical Sciences, Docent, Doctor);

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L 41519-65
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Ruml, Vladimir, (Candidate of Medical Sciences, Doctor); Sadil, Josef, (Doctor of Physiological Sciences); Schnal, Ladislav; Stverak, Jiri, (Doctor); Svestka, Zdenek, (Doctor); Tuma, Jaroslav, (Candidate of Physical and Mathematical Sciences, Doctor); Tyml, Vaclav, (Docent, Engineer); Ulehla, Ivan, (Candidate of Technical Sciences, Professor, Doctor); Valnicek, Boris, (Candidate of Physical and Mathematical Sciences, Doctor); Vanysek, Vladimir, (Candidate of Physical and Mathematical Sciences, Docent, Doctor); Vlasak, Marian, (Candidate of Physical and Mathematical Sciences; Doctor); Voda, Miloslav, (Engineer)

Principles of astronautics (Zaklady kosmonautiky) Prague, Orbis, 1964. 445 p. illus., biblio. 5000 copies printed.

TOPIC TAGS: cosmonautics, rocket, satellite, space flight, missile ² _b

PURPOSE AND COVERAGE: This publication is a popular scientific reference book for people working in cosmonautics. The book presents a survey of cosmonautics and space flight up to 1 June 1963.

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TYSL, Vaclav, inz.

Design of cavity resonators with a round cross section. Slaboproudy
obzor 22 no.3:148-152 Mr '61. (EEAI 10:6)

1. Ceske vysoke uceni technicke, elektrotechnika fakulta, pobočka
Podebrady
(Cavity resonators)

4040
207d

Ty 51, 0

TYSL, V.

B. Kvasil's Theoretické základy techniky centimetrových vln (Theoretical Foundations of the Technique of Centimeter Waves); a book review. (Supplement) p. L35. (SLABOPROUDY OBZOR, Vol. 13, No. 6, June 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

TYSL, Vaclav, doc., inz., CSc.

Use of the Michelson interferometer in millimeter wave technology.
Slaboproudý obzor 24 no.9:511-514 S '63.

1. Ceske vysoke uceni technicke, elektrotechnicka fakulta,
Podebrady.

TYSL, V.

Cavity resonators, p. 237, SLABOPROUDY OBZOR, (Ministerstvo strojirenstvi
a ministerstvo spoju) Praha, Vol. 16, No. 5, May 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

30135
S/194/61/000/007/060/079
D201/D305

16.6100 (1031, 1253)

AUTHORS: Basharinov, A.Ye., Fleyshman, B.S. and Tyslyatskiy, G.S.

TITLE: The method of consecutive analysis in problems of signal detection in multi-channel system

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 7, 1961, 7, abstract 7 I58 (V sb. 100 let so dnya rozhd. A.S. Popova, M., AN SSSR, 1960, 76-78)

TEXT: The structure is considered of the algorithm of sequential analysis in detecting m orthogonal signals (S). The algorithm consists in forming m channels which produce particular values λ_s of the probability coefficient for the s -th form of S with consequent group weighting and comparison with the threshold. In the case of two alternatives the solution of the problem of S being present is reached with $\lambda \geq D/F$, that of S being absent with $\lambda < (1 - D)/(1 - F)$ where D - the probability of correct detection, F - probab-

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D201/D305

The method of consecutive...

ility of false detection. The approximate expression for the average number of sampling has the following forms: in the absence of S

$$\bar{n}_{sa}(m) \approx \bar{n}_{sa}(1) + k \frac{\ln m}{z_{sa}}$$

and in the presence of S

$$\bar{n}_s(m) \approx \bar{n}_s(1) + D \frac{\ln m}{z_s}$$

where $\bar{n}_{sa}(m)$, $\bar{n}_s(m)$, $\bar{n}_{sa}(1)$ - the average number of samplings with one and m channels respectively, \bar{z}_{sa} , \bar{z}_s - the average value of the algorithm of probability ratio at the first stage of sampling with $m = 1$, k - coefficient depending on allowable probability of false solutions. The evaluation of the average duration of sampling processes was carried out on a digital computer. The values thus determined were $0.5 < k < 2$ for a probability of the signal being transmitted of $\sim 10\%$. 5 references. [Abstracter's note: Complete translation]

Card 2/2

PETROV, I.M.; TYSLYATSKIY, G.S.

In regard to L.P.Kuklev and IU.P.Ozerskii's article "Comparison of
two methods for decoding interval codes." Radiotekh.i elektron. 6
no.7:1211-1213 J1 '61. (MIRA 14:6)

(Information theory)
(Kuklev, L.P.) (Ozerskii, IU.P.)

G.S. Tyslyatskiy

В. С. Набоков
О физической способности вычислительных элементов
генераторов

И. М. Маргулис
К теории корреляционных связей
10 июня
(с 10 до 16 часов)

А. Е. Башарин,
В. С. Фельдман,
Г. С. Тихомиров
Метод последовательного анализа в задачах обра-
ботки сигналов с корреляционными связями

Н. Я. Тихомиров
Задачи теории вычислительной аппаратуры
систем с дискретными сигналами

Б. Н. Митин
О вычислительности задачи поиска оптимального
плана управления процессом

Г. А. Сорокин
К вопросу об оптимальной обработке информации
в каналах связи

10 июня
(с 16 до 22 часов)

И. С. Аким
О параметрических сигналах при обнаружении сигнала
на фоне многоканальной тепловой флуктуации

В. Е. Муромов
Новые принципы анализа спектров

Г. А. Медведев
Помехоустойчивость принципа с помощью пред-
ельных вычислений. Случай прерывистого сигнала
сигнала

Н. Н. Курочкин
О помехоустойчивости многоканальной системы
связи с корреляционными связями

11 июня
(с 10 до 16 часов)

А. Е. Башарин
Нарастание вероятности обнаружения сигнала
на фоне тепловой флуктуации

А. Н. Фельдман
Низкочастотные устройства обработки
сигналов

report submitted for the Conventional Meeting of the Scientific Technological Society of
Radio Engineering and Electrical Communications in. A. S. Popov (VKhRE), Moscow,
8-12 June, 1959

TYSCOVSKAYA, S Ye.

14

PHASE I BOOK EXPLOITATION

SOV/5648

Sokolov, Aleksey Nikolayevich, ed.

Mekhanizatsiya i peredovaya tekhnologiya liteynogo proizvodstva
(Mechanization and Advanced Processing in Foundries) [Leningrad]
Lenizdat, 1961. 236 p. 2,000 copies printed.

Ed.: Ye. V. Yemel'yanova; Tech. Ed.: I. M. Tikhonova.

PURPOSE: This collection of articles is intended for technical personnel, foremen, and skilled workmen of foundries. It may also be of use to staff members engaged in the mechanization of production operations.

COVERAGE: The collection contains articles discussing the experience of a number of Leningrad plants and engineering and design organizations in mechanizing foundry processes and in applying advanced techniques to the manufacture of castings. No personalities are mentioned. Some

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14

Mechanization and Advanced (Cont.)

SOV/5648

articles are accompanied by references. References are all Soviet.

TABLE OF CONTENTS:

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Zeleranskiy, Ya. V. , M. S. Kashanskiy, and L. Z. Tsyganko. Pneumatic Transfer at Foundries	27
Zelichenko, G. S. Automatic Line for Molding and Shakeout	52
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Zeleranskiy, Ya. V. From Mechanization Practices in Foundries	99
Matveyev, V. N. Mechanization of Metal-Mold Casting	108
Dityatkovskiy, Ya. M., P. R. Kuratov, and V. N. Matveyev. Mechanized Drying of Cores by High-Frequency Currents	118
Dlugach, M. A. Making Small Steel Castings in Shell Molds	133
Kashanskiy, M. S., M. A. Kremer, and <u>S. Ye. Tysov-</u> <u>skaya</u> . Rational Methods of [Flame] Trimming and Cleaning Steel Castings	152

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Mechanization and Advanced (Cont.)	SOV/5648
Mednikov, Z. G. Application of the Group-Processing Method in Making Blanks by the Die Casting and Die Forging of Molten Metal	160
Desnitskiy, V. P. (deceased). Heat-Resistant Steel Castings in Power-Plant Constructions	172
Kremer, M. A. Determination of Sizes and Economic Efficiency of Exothermic Risers for Steel Castings	188
El'taufin, S. A. Cast Rotor Blades for Gas-Turbine Compressors	203
Tkachev, K. I. Experience in Developing and Using the Slot-Type Gating System	219

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Mechanization and Advanced (Cont.)

SOV/5648

Kononov, M. N. Patterns With an Epoxy-Resin Base

229

AVAILABLE: Library of Congress (TS233. S55)

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VK/wrc/bc
11-15-61

PHASE I BOOK EXPLOITATION

SOV/3691

Tysovskaya, Sof'ya Yevstaf'yevna, Engineer

Novyy sposob naplavki bronz na chugun i stal' (New Method of Surfacing Cast Iron and Steel With Bronze). Leningrad, 1958. 10 p. (Series: Informatsionno-tekhnicheskii listok, No. 90, Svarka i payka metallov) 6,200 copies printed.

Sponsoring Agencies: Leningrad. Dom nauchno-tekhnicheskoy propagandy, and Obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy RSFSR.

Ed.: Z.M. Ryzhik, Engineer; Tech. Ed.: D.P. Freger.

PURPOSE: This booklet is intended for welders and may be of use to other metalworkers.

COVERAGE: The author describes a new method of depositing bronze on cast iron and steel by welding. It is a simple and efficient method requiring no special equipment. According to the author, the present methods of depositing bronze by means of gas flame, electric arc, and high-frequency currents are found to be of little value from the technical and economical points of view. According to the author, this is especially true in the production of fittings

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New Method of Surfacing (Cont.)

SOV/3691

and other bimetallic machine parts that are subjected to friction and corrosion. No personalities are mentioned. There are 6 references, all Soviet.

TABLE OF CONTENTS: None given [the booklet is divided as follows].

I. Surfacing of Cast Iron and Steel With Bronze	1
Essentials of the Process	2
Calculation of Regimes	4
II. Production Experience in Building Up Sealing Surfaces in Cast Iron and Steel Pipe Fittings	7
III. Technical and Economic Indices	10
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AVAILABLE: Library of Congress

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VA/REM/lrb
7-8-60

TYSOVSKAYA, Sof'ya Yevstaf'yevna, inzh.; RYZHIK, Z.M., inzh., red.;

~~FREGER, D.P., tekhn.red.~~

[New method of depositing bronze on cast iron and steel] Novyi
sposob naplavki bronz na chugun i stal'. Leningrad, Leningr.
dom nauchno-tekhn.propagandy, 1958. 10 p. (Informatsionno-
tekhnicheskii listok, no.90. Svarka i paika metallov)

(MIRA 12:12)

(Bronze--Welding) (Electroforming)

ALEKSANDROV, A.N.; DEMENT'YEVA, M.I.; FEDCHENKO, G.S.; SKOP. S.L.;
TYSOVSKIY, G.I.

Analyzing vinyltoluene by mass-spectrometry and gas-liquid
chromatography. Khim. i tekh. topl. i masel 9 no. 6264-67
Je'64 (MIRA 1727)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut nef'tekhi-
micheskikh protsessov.

TYMOKI, Franciszek, 1918. apr

Defense of cities and industrial factories. arzag. 1970. no. 1:
8 24 Ja '65.

TYSOWSKI, Franciszek, pplk mgr

Air defense of cities and industrial plants. Pt.2. Przegł techn 86
no.9:10 28 F '65.

KARON, H.; WOJTOWICZ, M.; TYSPER, Z.

Glutathione content and osmotic resistance of erythrocytes in surgically treated hyperthyreoid patients. Postepy biochem. 8 no.4:571-572 '62.

1. Z Zakladu Chemii Fizjologicznej AM oraz z II Kliniki Chirurgicznej AM w Poznaniu.

(HYPERTHYROIDISM)

(GLUTATHIONE)
(HEMOLYSIS)

(ERYTHROCYTES)

DREWS, Maria; RASSUMOWSKA, Danuta; SLIWINSKA, Zofia; TYSPER, Zofia

Tentative clinical evaluation of the value of estimation of
alpha-amylase in the saliva and blood serum in salivary gland
diseases. Pt.1. Czas. stomat. 18 no.8/9:1099-1103 Ag-S '65.

1. Z Kliniki Chirurgii Stomatologicznej AM w Poznaniu (Kierownik:
prof. dr. J. Stadnicki).

DR KOLNICKI, Julian; TYSFER, Sofia

Remote results of gastrectomy in peptic ulcer with special reference to hematological studies. Pol. przegl. chir. 36 no.5:657-664 My '64.

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Poznaniu (Kierownik: prof. dr R. Drews).

MASTYNSKA, Maria; PEZACKI, Zdzislaw; TYSPER, Zofia

Potassium and sodium level in skeletal muscles and blood during the course of interventions on the biliary tract in parenchymal lesions of the liver. Pol. przegl. chir. 35 no.5: 497-501 '63.

1. Z II Kliniki Chirurgicznej AM w Poznaniu Kierownik: prof. dr R. Drews.

(LIVER DISEASES) (BILIARY TRACT)
(SURGERY, OPERATIVE) (POTASSIUM)
(SODIUM) (TISSUE METABOLISM)
(MUSCLES) (BLOOD CHEMICAL ANALYSIS)

JANKOWIAK, Jozef; WOJTCZAK, Andrzej; TYSPER, Zofia; HOSZOWSKA, Anna

Changes in water metabolism in patients with peat dressings. Polski tygod. lek. 14 no.19:855-859 11 May 59.

l. Z Instytutu Balneoklimatycznego; dyrektor: doc. dr J. Jankowiak.
Adres: Poznan, ul. Slowackiego 8--10 Instytut Balneoklimatyczny.

(WATER, metab.
eff. of peat dressings (Pol))

(PEAT
peat dressings, eff. on water metab. (Pol))

(BANDAGING AND DRESSING
same)

SOKOLNICKI, Julian; TYSPER, Zofia

Remote results following partial gastrectomy in peptic ulcer
with special reference to hematological studies. Polski przegl.
chir. 35 no.3:219-224 '63.

1. Z II Kliniki Chirurgicznej AM w Poznaniu Kierownik: prof.
dr R. Drews.

(GASTRECTOMY) (ANEMIA) (ANEMIA, MACROCYTIC)
(ANEMIA, HYPOCHROMIC) (PEPTIC ULCER)

SOKOLNICKI, Julian; TYSPER, Zofia

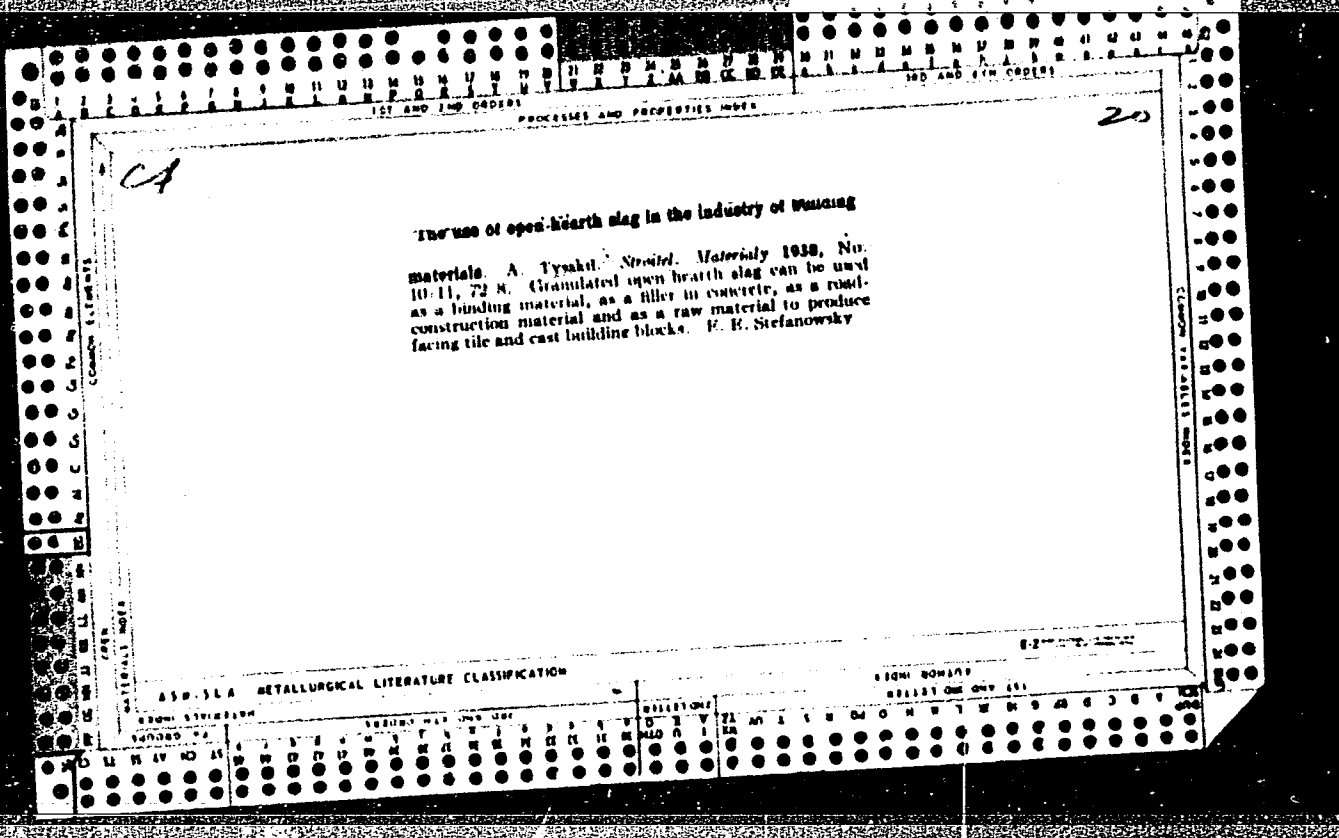
Calcium-phosphorus metabolism disorders following gastrectomy
in peptic ulcer. Pol. przegl. chir. 35 no.5:463-467 '63.

1. Z II Kliniki Chirurgicznej AM w Poznaniu Kierownik: prof.
dr R. Drews.

(PEPTIC ULCER) (POSTGASTRECTOMY SYNDROMES)
(CALCIUM METABOLISM DISORDERS)
(PHOSPHORUS METABOLISM DISORDERS)
(BLOOD CHEMICAL ANALYSIS)

TYSER, Zofia

Distribution of products of digestive proteolysis in the blood
plasma and cell in postoperative conditions in man. Poznan.
tow. przyjac. nauk wydz. lek. 30:219-241 '65



PROCESSES AND PROPERTIES INDEX

20

cc

Utilization of slags for the production of cement. A. Tynskii. *Tsvetmet* 1938, No. 12, 12-13; *Khim. Referat. Zhur.* 7, No. 4, 105-6(1939).—To increase the activity of blast-furnace slag it is recommended to add limestone and alumina to the molten liquid slag. This is best done in a mixing device into which the molten slag flows directly from the blast furnace. The temp. in the mixer is kept at a definite level to ensure a thorough mixing. The utilization of the waste blast-furnace gases lowers the cost and simplifies the construction of such an equipment.

W. R. Henn

METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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ORLOVSKAYA, G.V.; ZAYDES, A.L.; TYSTANOVSKIY, A.A.

Microscopic and submicroscopic structure of collagen fasciculi
of the tendons. Arkh.anat.gist.i embr. 33 no.3:19-25 J1-S
'56. (MIRA 12:11)

1. Iz laboratorii chl - korr. AMN SSSR A.I.Strukova, Tsentral'-
nogo nauchno-issledovatel'skogo instituta kozhevennoy promy-
shlennosti i Instituta patologii i terapii raka AMN SSSR.
Adres avtorovi Moskva, B.Pirogovskaya, per. Abrikosova, kafedra
patol. anatomii Pervogo Moskovskogo ordena Lenina meditsinskogo
instituta.

(TENDONS, anatomy and histology,
collagen fasciculi, microscopic & submicroscopic
structure (Rus))

(COLLAGEN,
microscopic & submicroscopic structure of
collagen fasciculi of tendons (Rus))

TYSTOVICH, Nikolay Aleksandrovich, NERSESOVA, Zinaida Aleksandrovna,

"Concerning unfrozen water in frozen soils"

report to be submitted for the Intl. Conference on Permafrost, Purdue Univ.,
Lafayette, Indiana, 11-15 Nov 63

KSENZHER, G.S.; KALCHOVSKIY, Y. A.; TYBYACHINYY, V.P.

Diffusion and flow of gas through porous nickel electrodes.
Zhur. prikl. Khim. 37 no.12:2619-2622 D '64.

(MIRA 18:3)

TYSZKA, K.

TECHNOLOGY

Periodicals: PRZEGLAD BUDOWLANY Vol. 30, No. 7, July 1958

TYSZKA, K. Organization of a commission for the utilization of fly ash.
p. 295.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

TYSZKA, Konstanty (Warszawa)

Fly ash; research achievements and progress in applying it in 1962.
Przeł budowl i bud mieszk 35 no.3:158-163 Mr '63.

TYSZKA, Krystyna (Lodz 23, ul. Okolna 181)

Case of tuberculosis and malignant granuloma of the peripheral nodes. *Pediat. polska* 34 no.3:314-317 Mar 59.

1. Z Sanatorium Przeciwgruzliczego dla Dzieci w Lagiewnikach
Kierownik: prof. dr med. A. Margolisowa.

(HODGKIN'S DISEASE, in inf. & child,
lymph nodes, with tuberc. (Pol))

(TUBERCULOSIS, LYMPH NODE, in inf. & child,
with Hodgkin's dis. (Pol))

(LYMPH NODES, neoplasms,
Hodgkin's dis. with tuberc. in Child (Pol))

WITWICKI, Tadeusz; TALEJKO, Eugeniusz; MADRZYCKI, Tadeusz; MATERSKA, Maria;
MATEWICZ, Czeslaw; EYSYMONYTOWA, Maria; TYSZEKOWA, Maria;
STRAEURZYNSKA, Teresa; TYSZKA, Zbigniew; WYSOCKA, Ludwika;
STACHOWSKI, Ryszard; RADWILOWICZ, Ryszard; KORNOWSKI, Boleslaw;
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33 no.2:149-151 F '65

1. Z II Kliniki Chirurgicznej (Kierownik: prof. dr. med.
T. Jankowski) i z Zakładu Anatomii Patologicznej (Kierownik:
prof. dr. med. L. Komeczynski) Akademii Medycznej w Białym-
stoku.

JANKOWIAK, Jozef; BISKUPSKA, Grazyna; DURKALEC, Jerzy; GORNIOK, Alfred;
KUHN, Maria; RACHLEWICZ, Janusz; TYSPER, Zofia; WOJTCZAK, Andrzej

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J. Jankowiak, i z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu
Kierownik: prof. dr med. J. Roguski. Adres autora; Poznan, Slowackiego
8/10 Instytut Balneoklimatyczny.

(BODY FLUIDS,

eff. of thermal baths on water-electrolyte metabolism
(Pol))

(HEAT, eff.

thermal baths on water-electrolyte metab. (Pol))

(BALNEOLOGY,

eff. of thermal baths on water-electrolyte metab. (Pol))

TYSSKIY A.V.

SPERANTOV, N.A.; TYSSKIY, A.V.; GORYAYNOV, K.E., kandidat tekhnicheskikh nauk, redaktor; AVRUTSKAYA, R.F., redaktor; ATTOPOVICH, M.K., tekhnicheskii redaktor

[Mineral wool] Shlakovaya vata. Pod red. K.E.Goriainova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1953. 191 p. [Microfilm] (MLRA 7:10)
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TYSYACHNYUK, S.I.; KHLOPINA, I.D.(Leningrad)

Tissue changes following disorders of innervation. Arkh. pat. 18
no.1 3-14 '56, (MLRA 9:6)

1. Iz otdela patologicheskoy anatomii (zav.-akad. N.N. Anichkov)
Instituta eksperimental'noy meditsiny AMN SSSR.
(NERVOUS SYSTEM, physiology,
eff. of denervation on surrounding tissue (Rus))

TYSYACHNYUK, S.I.

Neurogenic trophic ulcers of the abdominal wall. Dokl. AN SSSR '111
no. 2:456-458 N '56. (MLRA 10:1)

1. Institut Eksperimental'noy meditsiny Akademii meditsinskikh nauk
SSSR. Predstavleno akademikom N.N. Anichkovym.
(ABDOMEN--ULCERS)

U

USSR / General Problems of Pathology. Inflammatory Processes.

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 46667

Author : Tyvachayak, S. I.

Inst : Academy of Sciences USSR

Title : Tropical Abdominal Wall Ulcers of Neurogenic Origin.

Orig Pub : Dokl. AN SSSR, 1956, 111, No. 2, 456-458

Abstract : In rabbits, 3 to 7 spinal nerves were severed unilaterally at the level of D9 - L3. After 24 hours, the vessels of the abdominal wall became greatly distended at the site of the operation, and beginning with the 4th-8th day numerous erosions appeared where ultimately ulcers developed. The ulcers developed more frequently in the area of the teats, which at times became completely necronized. After 2-4 weeks the ulcers healed, but

Card 1/2

USSR / General Problems of Pathology. Inflammatory Processes.

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 46667

Abstract : soon they recurred, especially in such cases where seven nerves were severed (the observations were carried out up to three years). At times, this process did not have the characteristics of undulatory development, but was rather uninterrupted, and new ulcers appeared next to ulcers which had not healed yet.

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Card 2/2

TYLKINA, M.A.; TYSYGANOVA, I.A.; SAVITSKIY, Ye.M.

Phase diagram of the system tantalum - rhenium. Zhur. neorg. khim.
5 no.8:1905-1905 Ag '60. (MIRA 13:9)

1. Institut metallurgii im. A.A. Baykova, Akademi nauk SSSR.
(Tantalum) (Rhenium)

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2. Klin., Chor. wewn., Akad. med. we Wrocławiu. Wpływ tiouracylu na odczynowość
ustroju. Effect of thiouracil derivatives on the reactivity of the organism.
POLSK. TYG. LEK. 1953, 8/2 (41-46)

Administration of methylthiouracil in man causes an increase of the reaction of the
skin to s.c. injections of 0.5 mg. histamine or to intracutaneous injections of
tuberculin A. T. 0.1 ml. 1:10,000.

Szabuniewicz - Gdansk

SO: EXCERPTA MEDICA - Section II, Vol. 7, No. 10

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Effect of thiouracil on reactivity of the organism. Polski tygod. lek. 8
no.2:41-46 12 Jan 1953. (CJML 24:3)

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Wroclaw Medical Academy.

TYSZKA H.

New applications of...
in industries...
factories...
industry...
cement...
materials do not need...
strengths of the cements after setting are tabulated

TYSZKA, H.

Production of burnt lime in sugar factories during the intercampaign period 1957/58.
p. 179

GAZETA CUKROWNICZA (Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników
Przemysłu Rolnego i Spożywczego i Centralny Zarząd Przemysłu Cukrowniczego)
Warszawa, Poland. Vol. 61, no. 6, June 1959

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

MnSO₄ added to sugar syrups in the amount of 0.025% decreases the viscosity of the syrups, thus aiding purification and crystal.

E. Wierbicki

Application of ammonia (NH₃) fumes deposited on the wood — combined if necessary with metallic salts and wood tannins, to a method

TYSZKA, J.

"Finishing in the production of furniture." p. 7. (Przemysł Drzewny, Vol. 4, no. 5, May 53, Warszawa)

SO: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress Jun 54 Uncl

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Coloring wood in autoclaves, p. 21. (PRZEMYSŁ DRZEWNY, Warszawa, Vol. 6, no. 2, Feb. 1955.)

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"Deep Staining of Wood", p. 12, (PRZENYSŁ DRZEWNY, Vol. 5, No. 11, Nov. 1954, Warszawa, Poland)

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Properties of high-pressure mercury vapor lamps made in Poland.
Przegl elektrotech 40 no.3:Supplement: Techn swietl 3 no.2:153-
156 Mr'64

1. Zaklady Wytworcze Lamp Elektrycznych im. Rozy Luksemburg,
Warszawa.

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Great work of friendship. p. 353. (PRZEGLAD BUDOWLANIY, Vol. 25, No. 11, Nov. 1953, Warszawa, Poland)

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"Influence of Soviet Science and Technique and the progress of the Building Materials Industry in Poland", P. 270, (MATERIALY BUDOWLANE, Vol. 6, No. 10, October 1954, Warsaw, Poland)

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TYSZKA, I.

"Lowering Costs in Building Apartment Houses by Applying Perforated Ceramic Materials", P. 274, (MATERIALY BUDOWLANE, Vol. 9, No. 10, October 1954, Warsaw, Poland)

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"Possibilities of Applying Melted Escalt for Lining Mills", p. 275,
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Utilization of furnace dusts in the building industry. p. 500.

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Inżynierów i Techników Budownictwa) Warszawa. Poland.
Vol. 31, no. 10, Oct. 1959.

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SO: Monthly List of East European Acquisitions (FEAL), LC, Vol. 4, No. 3,
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Utilization of fly ashes in building; Seventh Congress of
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Coal Committee. Przegl budowl i bud mieszk 36 no.2:
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KRZYSZKOWSKA, Anna; ZIOLECKA, Izabella; RZUCIDLO, Ludwik; GOLASZEWSKA, Wiktoria; STUDNICKA, Krystyna; TYSZKA, Krystyna; WERYS, Ryszard

Comparative tuberculin reactions to the A or A + B proteins and to the PPD tuberculin prepared from the Moreau strain of tubercle bacilli in tuberculous and BCG-vaccinated children. Gruzlica 31 no.9:945-954 '63.

1. Z Zakładu Epidemiologii Instytutu Gruzlicy w Warszawie
Kierownik: doc. dr O. Buraczewski Dyrektor: dr M. Juchniewicz
Z Wytworni Surowic i Szczepionek w Warszawie Dyrektor: dr
S. Brzezinski Z Dziecięcego Ośrodka Sanatoryjno-Prewentoryjnego
w Rabce Dyrektor: dr J. Rudnik Z Beskidzkiego Ośrodka Sana-
toryjno-Prewentoryjnego w Jaworzu Dyrektor: dr M. Nizegorodcew
Z Sanatorium Przeciwgruzliczego dla Dzieci w Lagiewnikach
Dyrektor: prof. dr A. Margolisowa Z Wojewodzkiej Przychodni
Przeciwgruzliczej w Krakowie Dyrektor: dr K. Mulak.

(BCG VACCINATION) (TUBERCULOSIS IN CHILDHOOD)
(TUBERCULIN REACTION)

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Discussing Tadeusz Zbierski's article on "Buildings drowned in mud". Przegł budowl i bud mieszk 33 no.4:213 Ap'61.

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(TUBERCULIN REACTION in infancy & childhood)

SIPA, Konrad; TYSZKA, Krystyna; WALEWSKA, Emilia

Lymph node-bronchial fistulae in primary tuberculosis in children. Gruzlica 30 no.6:559-563 '62.

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Dyrektor: prof. dr med. A. Margolisowa i z Kliniki Otolaryngologicznej AM w Lodzi Kierownik: prof. dr med. A. Radziminski.
(BRONCHIAL FISTULA) (LYMPH NODES)
(FISTULA) (TUBERCULOSIS, PULMONARY)
(TUBERCULOSIS IN CHILDHOOD) (BRONCHOSCOPY)

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More important achievements in the technology of iron and steel in 1953, p. 63.
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Technical progress in iron and steel metallurgy during the past years. p.127.
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TYSZKA, Z.

"Standardization Aspects in the Application of Natural Stone in Hydraulic
Constructions." p. 445, (GOSPODARKA WODNA, Vol. 13, No. 12, Dec. 1953.
Warszawa, Poland.)

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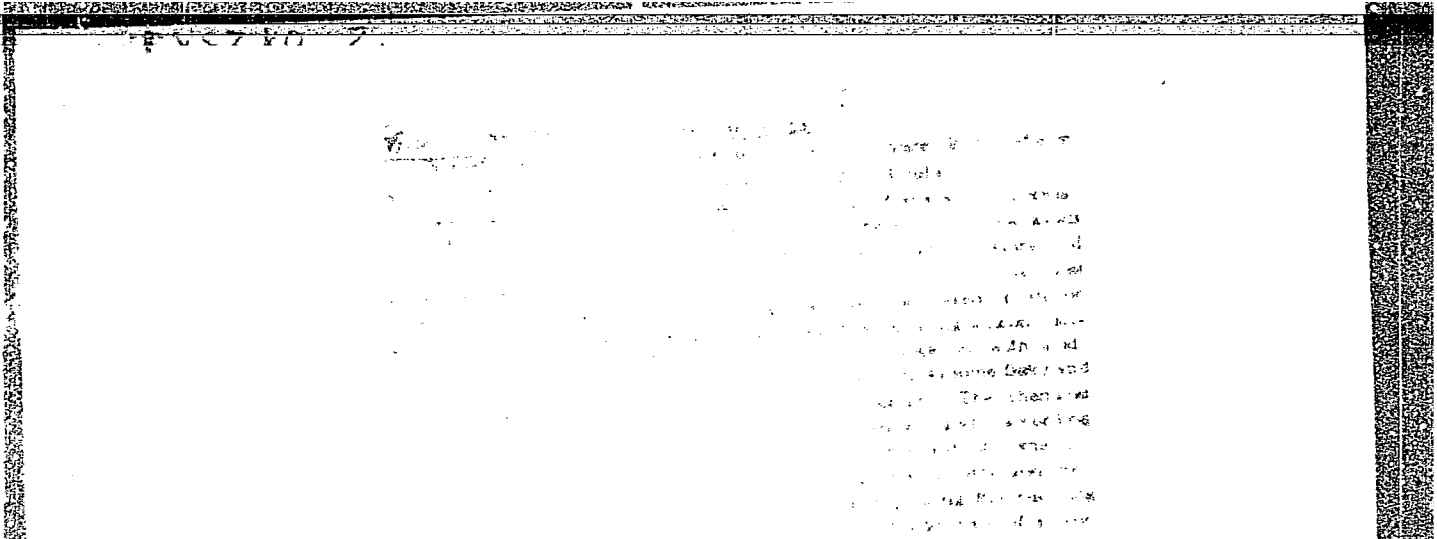
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Warszawa

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TVA - MA



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"Problems of the Industrial Safety and Hygiene Agency in Transportation According to Resolutions of the 2nd Congress of the Polish United Workers Party." p. 157, (MOTORYZACJA, Vol. 9, No. 6, June 1954. Warszawa, Poland.)

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"For a Further Development of Competition in Work." p. 269 (Motoryzacja, Vol. 8, No. 10, Oct. 1953, Warszawa)

SO: Monthly List of East European Accessions, Vol. 3, No. 6, Library of Congress, June, 1954, Uncl.

TYSZKIEWICZ, Magdalena

Trauma in children and its psychiatric sequelae. Neurol. etc.,
polska 11 no.4:535-541 '61.

1. Z Poradni Zdrowia Psychicznego w Gdyni.
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TYSZKIEWICZ, Magdalena

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535-540 J1-Ag '59.

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(LYING)

JAROSZEWICZ, Lucja; STUCHLIK, Elzbieta; TYSZKIEWICZ, Magdalena, dr. med.;
DE WALDEN, Jolanta.

Stuttering in children -- its causes and significance. Neurol.,
neurochir. psychiat. Pol. 14 no. 3:909-913 N-D '64

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M. Tyszkiewicz).

GRAVOWSKA, Halina; TYSZKIEWICZ, Magdalena

Treatment of enuresis. Polski tygod. lek. 11 no.17:740-743 23 Apr 56.

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(ENURESIS, therapy,
(Pol))

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Hysteria in preschool and school children observed at an ambu-
latorium; data of the Field Mental Health Clinic of Gnydia.
Wiadomosci lek. 8 no.7:317-320 July '55.

1. Klinika Chorob Psychiczych Akademii Medycznej w Gdansk
(HYSTERIA, in infant and child)

TYSZKIEWICZ, S.

Before collecting seeds. p. 3.

IAS POLSKI. (Ministerstwo Leśnictwa oraz Stowarzyszenie Naukowo-Techniczne
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Uncl.

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SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

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MIHAJLOV, L.J.; COSTIN, E., az erdeszeti tudo, anyok kandidatusa;
TYSZKIEWICZ, St., prof.dr.

Greetings delivered at the itinerant meeting of the Hungarian Forestry Society, Debrecen, June 29-July 1, 1962. Erdo 11 no.8:374-379. Ag '62.

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