

SIMKHOVICH, Ye.I.; GRINBERG, A.I.; RAYTFEL'D, I.M.

Treatment of ascariasis by the method of single-dose piperazine
adipinate administration in the Moldavian S.S.R. Med.paraz.i
paraz.bol. no.3:294-295 '62. (MIRA 15:9)
(PIPERAZINE) (MOLDAVIA—ASCARIDS AND ASCARIASIS)
(ADIPID ACID)

RAYTLINGER, S. A.

"Gas Permeability and Microstructure of High Molecular Weight Polymer Compounds," Zhur.
Obshch. Khim., 14, No. 6, 1944.

7
DOBROTVORSKIY, A.N. (Bezopasnoye Stavropol'skogo kraya); DEMINTSEV, A.D.;
RAYTMAN, I.I. (Perovo Moskovskoy oblasti).

Discussing M.I. Bludev's article "What physics problems on technical
topics should be like". Fiz. v shkole 17 no.2:48-49 Mr-Apr '57.
(MLRA 10:3)

1. 1-ya shkola rabochey molodezhi (for Raytman)
(Physics--Problems, excercises, etc)

BUTLEROV, A.M.; KEKULE, A.; KUPER, A.S.; MARKOVNIKOV, V.V.; BYKOV, G.V.
[translator]; LIBERMAN, A.L. [translator]; RAYTMAN, L.A. [translator];
KAZANSKIY, B.A., red.; GUSEVA, A.P., tekhn. red.; GUS'KOVA, O.M.,
tekhn. red.

[Centennial of the theory of chemical structure] Stoletie teorii
khimicheskogo stroeniia; sbornik statei. By A.M. Butlerov i dr. Mo-
skva, Izd-vo Akad. nauk SSSR, 1961. 146 p. (MIRA 14:12)
(Chemical structure)

SECRET

Shchegolov, Leonid. Tsest' prom. 21 noim. 1977-78. N 101.
(MIRA. 1978. 10-12.)
Shchegolov, Leonid. Upravleniye shchekovoy promyshlennosti.
Izdatel'stvo komiteta po legatsy promyshlennosti.

BELOV, B.I., kand. khim. nauk, dotsent; LEVI, P.B., starshiy nauchnyy
sotrudnik; PISKAREV, I.V.; RAYTMAN, M.Ya.

Reviews and bibliography. Tekst. prom. 25 no.9:80 S '65.
(MIRA 18:10)

1. Kafedra organicheskoy khimii Moskovskogo instituta narodnogo
khozyaystva imeni G.V. Plekhanova (for Belov). 2. Tsentral'nyy
nauchno-issledovatel'skiy institut khlopchatobumazhnoy
promyshlennosti, Moskva (for Levi). 2. Starshiye inzhenery
Gosudarstvennogo komiteta po legkoy promyshlennosti pri Gosplane
SSSR (for Piskarev, Raytman).

BORDUKOV, V., inzh.; MOTOLYANSKIY, S., inzh.-ekonomist; PASHKOV, V.,
arkhitektor; RAYTMAN, S., arkhitektor

Residential district with four-and five-story apartment
houses. Zhil.-kom.khoz. 9 no.2:4-14 '59. (MIRA 12:5)
(Architecture--Designs and plans)
(Apartment houses)

KHRISANFOV, P., inzhener; RAYTMAN, S., inzhener.

350 thousand km run of a M - 20 taxicab without overhauling.
Avt.transp. 32 no.11:21 N '54. (MLRA 8:3)
(Taxicabs)

LYNN, J. J.

"Architectural-Planning Designs for Mass Produced Hotels."
Sov Arch Sci, Acad of Architecture USSR, Moscow, 1955. (KL, No 8,
Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical
Dissertations Defended at USSR Higher Educational Institu-
tions (14)

RAYTMAN, T.; GABAYEVA, T.

Readers discuss the journal. Kozh.-obuv. zhurn. no.12:12
D '59. (MIRA 13:5)

1. Zav. bibliotekoy Obuvnoy fabriki imeni Kapranova (for
Raytman). 2. Starshiy inzhener otdela tekhnicheskoy informatsii
Obuvnoy fabriki imeni Kapranova (for Gabayeva).
(Leather industry--Periodicals)

ARASLANOV, M.A.; GABITOV, G.S.; MILYUKOVSKIY, G.Ye.; RAYTMAN, Ye.A.;
KORCHEMKIN, N.I.; KHAVKIN, F.A.; PEREVALOV, L.N.; KHROMUSHKIN,
M.K.

Improvement of artificial sole leather drying techniques and
decreased dispensing of fiber in artificial leather for shoe
counters. Prom. energ. 18 no.2:9 F '63. (MIRA 16:2)
(Leather, Artificial--Drying)

PASTERNAK, M.N.; TVERSKAYA, M.Ya.; RAYTRUB, B.A. (Moskva)

Functional state of the liver in some infectious diseases. Klin.med.
35 [i.e.34] no.1 Supplement:35 Ja '57. (MIRA 11:2)

1. Iz kliniko-diagnosticheskoy laboratorii Instituta infektsionnykh
bolezney AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. L.V.
Gromashevskiy)
(COMMUNICABLE DISEASES) (LIVER)

LAGER, N.V.; KOLPAKOV, Ye.V.; RAYTHUB, B.A.

Changes in the serum protein composition in dogs with Eck-
Pavlov fistulae. Pat. fiziol. i eksp. terap. 5 no.5:54-58
(MIRA 17:1)

RAYTRUB, E. A.

USSR/Medicine - Cancer, Blood in
Chemistry - Analysis, Spectrochemical

Sep/Oct 48

"Spectral Analysis of Blood-Serum Pigments Obtained From Cancer Patients," L. S.
Likhoded, B. A. Raytrub, Roentgen, Radiol, and Oncol Inst, Kiev, 3½ pp

"Iz Ak Nauk SSSR, Ser Fiz" Vol XII, No 5

Readings were taken in visible, ultraviolet, and infrared parts of spectrum. Results
are plotted and discussed. Includes six graphs.

PA 19/49T73

TARAN, A.G., inzh.; YAKOVLEV, V.M., inzh.; KREMENETSKIY, G.I., inzh.;
RAYTRUB, M.S., inzh.; BOLOTSKIKH, N.S., inzh.

Hydraulic conveying of rocks used in drainage operations.
Shakht. stroi. 7 no.3:23-24 Mr.63 (MIRA 17:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut organizatsii
i mekhanizatsii shakhtnogo stroitel'stva (for Taran, Bolotskikh).
2. SU No.2 tresta Dimitrovuglestroy (for Yakovlev).

ABEZGAUZ, A.M., prof.; BUBNOVA, M.M., prof.; GUREVICH, Ye.S., prof.;
ZHUKOVSKIY, M.A., st. nauchn. sotr.; KARYSHEVA, K.A., kand.
med. nauk [deceased]; MAZURIN, A.V., dots.; MOSOV, S.D.,
prof.; NISEVICH, N.I., prof.; RAYTS, M.M., prof.;
SOKOLOVA-PONOMAREVA, O.D.; STUDENIKIN, E.Ya., dots.;
TOKAREVICH, K.N., prof.; SHIRVINDT, B.G., prof.; DOMBROVSKAYA,
Yu.F., otv. red.; OSTROVERKHOV, G.Ye., prof., glav. red.

[Multivolume manual on pediatrics] Mnogotomnoe rukovodstvo po
pediatrii. Moskva, Meditsina. Vol.6. [Infectious diseases in
children] Infektsionnye bolezni v detskom vozraste. 1964. 680 p.
(MIRA 17:7)

1. Deystvitel'nyy chlen AMN SSSR (for Dombrovskaya,
Sokolova-Ponomareva)

KRBESFEL'D, Alisa Davydovna [deceased]; RAYTS, M.M., red.; BALDINA,
N.F., tekhn.red.

[Prevent skin diseases in children] Preduprezhdaite kozhnye
zabolevaniia u detei. Moskva, Gos.izd-vo med.lit-ry Medgiz,
1960. 23 p. (MIRA 14:2)

(SKIN--DISEASES)

RAYTS, M.M.; FABRIKANT, G.L.; LIBERMAN, I.

Penicillin in the treatment of syphilis in children. *Pediatrics*,
Moskva No.1:35-40 Jan-Feb 51. (CJML 20:6)

1. Prof.M.M.Rayts; Candidates Medical Sciences G.L.Fabrikant and
I.S.Liberman. 2. Of the Syphilological Clinic of the Institute of
Pediatrics of the Academy of Medical Sciences USSR (Head of Clinic-
Prof.M.M.Rayts; Director of Institute--Honored Worker in Science
Prof.G.N.Speranskiy, Active Member of the Academy of Medical Sci-
ences USSR.

RAIPSEL'SKIY, L.A., inzh.

Six and ten kilovolt outdoor subst. station syst. constructed
from units manufactured by different plants. West. elec. subst. 31
no. 12:24-26 '60. (SI 14:2)

(electric substations)

RAYTSEL'SKIY, L.A., inzh.

Concerning the filling-out of lighting engineering designs.
Svetotekhnika 9 no.7:25 J1 '63. (MIRA 16:7)

1. Proyektnyy institut Gosstroya UkrSSR.
(Electric lighting)

KLYUYEV, S. A., inzh.; RAYTSEL'SKIY, L. A., inzh.

Choice of apparatus for the protection of electric lighting networks taking into account the starting current of the light sources. Svetotekhnika 9 no.3:19-21 Mr '63.
(MIRA 16:4)

1. Gosudarstvennyy institut po proyektirovaniyu elektrosnabzheniya dlya tyazheloy promyshlennosti i Proyektnyy institut Gosstroya UkrSSR.

(Electric lighting) (Electric protection)

RAYTSEL'SKIY, L.A., inzh. (Odessa)

An economical electric power transmission line. Elektrichestvo no.7:
19-22 J1 '63. (MIRA 16:9)
(Electric lines—Overhead)

RAYTSEL'SKIY,, inzh.

Engineering and efficiency calculations of lighting fixtures with
different lightsources. Svetotekhnika 7 no.12:1-2 D '61.
(MIRA 14:12)

1. Proektnyy institut Gosstroya USSR.
(Electric light fixtures)

110-4-22/25

AUTHORS: Raytel'skiy, L.A., and Finkel', A.I., Engineers

TITLE: Technical-economic Characteristics of Sub-stations with Dry Transformers Installed Inside Factories (Tekhniko-ekonomicheskiye pokazateli vnutritsekhovykh podstantsiy s sukhimi transformatorami)

PERIODICAL: Vestnik Elektropromyshlennosti, 1958, No. 4, pp. 72 - 73 (USSR).

ABSTRACT: This is a brief plea for the use of packaged sub-stations with dry transformers installed near the load centre for industrial power supplies. This is seen to be the cheapest way of providing supplies if erection and fire precaution charges are included in the cost. A dimensioned plan and circuit of a sub-station are given and comparative costs for different kinds of transformer sub-station are tabulated. There are 2 figures and 1 table.

SUBMITTED: November 16, 1957

AVAILABLE: Library of Congress
Card 1/1

GOL'DENBLAT, B.I.; RAYTSEL'SKIY, L.A.

Scientific and technical conference on technical and economic
principles of the design and operation of electrical systems.
Elektrichestvo no.12:87 D '63. (MIRA 17:1)

RAYTSEL'SKIY, L.A., inzhener.

Using reinforced concrete poles for lighting systems and luminaires.
Svetotekhnika 3 no.4:24-26 Ap'57 (MLRA 10:4)

1. Proyektnyy insitut Ministerstva stroitel'stva USSR.
(Lighting)

RAYTSEL'SKIY, L.A. inzhener.

Using light-wall electric welded tubes in electrical work. Prom.
energ. 11 no.9:30-31 S '56. (MLRA 9:11)

1. Proektnyy institut no.3 Ministerstva stroitel'stva.
(Tubes)

RAYTSEL'SKIY, L.A., inzh.

Meeting of the Odessa section of the Scientific Technological Society
of the Power Industry. Svetotekhnika 6 no.9:27-28 S '60.

(MIRA 13:9)

1. Predsedatel' svetotekhnicheskoy sekti Odesskogo oblastnogo
pravleniya Nauchno-tekhnicheskogo obshchestva energeticheskoy
promyshlennosti.

(Odessa--Electric lighting)

RAYTSEL'SKIY, L.A., inzh.; BENDERSKIY, G.L.

Design of a metal stand for the illumination of guarded areas.
Svetotekhnika 5 no.4:30 Apr '59. (MIRA 13:1)

1.Giproptom Odesskogo sovnarkhoza.
(Electric lighting)

RAYTSEL'SKIY, L. A., inzh.

Some industrial methods for conducting electric lighting network
wiring operations. Svetotekhnika 8 no.9:21-24 S '62.
(MIRA 15:10)

1. Proyechnyy institut Gosstroya UkrSSR.

(Electric lighting) (Electric wiring, Interior)

RAYTSEL'SKIY, L.A., inzh.

Lighting shops in canning factories. Svetotekhnika 6 no.3:20-23
Mr '60. (MIRA 13:6)

1. Gosudarstvennyy nauchno-issledovatel'skiy proyektnyy institut
Odesskogo sovnarkhoza.
(Canning industry--Lighting)

RAYTSEL'SKIY, L.A., inzh.

Design of the networks of the lighting systems with fluorescent
lamps. Svetotekhnika 7 no.5:19-22 My '61. (MIRA 14:6)

1. Proyektnyy institut Gosstroya USSR, Odsessa.
(Fluorescent lighting)

RAYTSEL'SKIY, L.A., inzh.

Arrangement and design of rational lighting. Svetotekhnika 5
no.6:26 Je '59. (MIRA 12:8)

1.Giproprom Odesskogo sovnarkhoza.
(Electric lighting)

RAYTSEL'SKIY, Leonard Aleksandrovich; KLYUYEV, S.A., inzh.,
retsenzent; EUL'DYAYEV, N.A., tekhn. red.

[Handbook on electric lighting networks] Spravochnik po os-
vetitel'ny'm setiam. Moskva, Gosenergoizdat, 1963. 288 p.
(MIRA 16:12)

(Electric networks) (Electric lighting)

KLYUYEV, S.A., inzh.; RAYTSEL'SKIY, L.A.

Choice of protection apparatus taking into account the start
current of the lighting sources. Svetotekhnika 9 no.8:29-30
Ag '63. (MIRA 16:8)

(Electric lighting)

GOL'DENBLAT, B.I., inzh.; RAYTSEL'SKIY, L.A., inzh.

Problem concerning the installation of emergency lighting
systems in industrial premises. Svetotekhnika 9 no.5:27-28
My '63. (MIRA 16:7)

1. Proyektnyy institut Gosstroya UkrSSR.
(Electric lighting)
(Industrial plants--Lighting)

SOV/110-59-8-21/24

AUTHOR: Raytsel'skiy, L.A., Engineer.

TITLE: The Automatic Connection of Reserve Fuses.

PERIODICAL: Vestnik elektropromyshlennosti 1959, Nr 8, pp 74-75 (USSR)

ABSTRACT: In 1956 the All-Union Electrotechnical Institute developed two constructions of fusegear for multiple operation. One was designed for outdoor installation with fuses type PSNA-10 and the other for indoor installation with fuses type PK. In the same year Ternikov, Yakimov and Chirkin proposed a mechanism for the automatic substitution of spare fuses on distributors type BNP-16. The equipment was tested under operating conditions and found reliable. Automatic reclosure by equipment based on fuses can be very economical; in particular, on 6 to 10 kV lines it may cost only half as much as the equivalent circuit-breakers with automatic reclosure. The technical directorate of the Ministry of Power Stations has issued a number of directives about the use of automatic reclosure with fuses but has paid no attention to the manufacture of the necessary equipment. Accordingly, the Scientific-Technical Committee should direct the works to manufacture the necessary equipment on a large scale at an early date.

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SOV/105-59-8-19/28

AUTHOR: Raytsel'skiy, L. A., Engineer

TITLE: Standards for Economical Current Densities

PERIODICAL: Elektrichestvo, 1959, Nr 8, pp 80-81 (USSR)

ABSTRACT: This is a comment on the article by P. G. Grudinskiy and Ye. G. Priklonskiy in the periodical "Elektrichestvo", 1957, Nr 3. It is pointed out that this article has been based upon some contested and incorrect hypotheses: 1) The necessary objectivity in the determination of the calculation parameters is missing. 2) The cost of energy losses is determined from the fuel side instead according to tariffs. 3) If the current density is stipulated uniformly for all regions of the country irrespective of climatic conditions and the economic character of the power system, the resulting solutions will be uneconomical. The objections raised in this article lead to the conclusions that the elaboration of standards should be carried out with regard to climatic conditions, the cost of annual energy losses, the type of transmission line, etc. The planning authorities are recommended to carry out technical and economic calculations by the method of "minimum" annual operating

Card 1/2

Standards for Economical Current Densities

SOV/105-59-8-19/28

costs before establishing new standards for the economical current density. The results of these calculations must then be rounded off to the next smaller cross section.

ASSOCIATION: Gosudarstvennyy proyektnyy institut Odesskogo sovnarkhoza
(State ~~Planning~~ ~~Institute~~ Institute of the Odessa sovnarkhoz)

Card 2/2

GOL'DENBLAT, B.I., inzh.; RAYTSEL'SKIY, L.A., inzh.

Three-winding 35/6/0,4 k.v. transformers. Vest.elektroprom.
33 no.1:78-79 Ja '62. (MIRA 14:12)
(Electric transformers)

RAYTSEL'SKIY, L.A., inzh.

Electric lighting of automatized enterprises. Svetotekhnika 4 no.9:
26-27 S '58. (MIRA 11:8)

1. Institut proyektirovaniya promyshlennosti Odesskogo Sovnarkhosa.
(Factories--Lighting)

RAYTSEL'SKIY, L.A., inzh.; FINKEL', A.I., inzh.

Technical and economic indices of shop substations with dry-type
transformers. Vest. elektroprom. 29 no. 4: 72-73 Ap '58. (MIRA 11:4)
(Electric substations)

Raytsel'skiy
RAYTSEL'SKIY, L.A., inzh.

Problems in the application of industrial methods in installing
an electric lighting system, Svetotekhnika 4 no.2:25-26 F '58.
(MIRA 11:1)

1.Proyektnyy institut Ministerstva stroitel'stva USSR.
(Electric lighting--Installation)

RAYTSEL'SKIY, L.A., inzhener.

Laying low voltage lines for industrial areas not using poles.
Prom.energ. 12 no.10:13 0 '57. (MIRA 10:10)

1. Proektnyy institut No.3, Odessa.
(Electric power distribution)

RAYTSEB, V.B.

The MV-106 machine for grinding high-module and large worms. Stan.1
instr. 35 no.9:40 S '64. (MIRA 17:10)

RAYTSEY, V.B.

The MV24 machine for grinding involute worms. Biul.tekh.-ekon.
inform. no.7:42-43 '61. (MIRA 14:8)
(Grinding machines)

RAYTSES, A.M., Pand.med.nauk

Effectiveness of local potentiated anesthesia in various surgical interventions. Nov. khir. arkh. no.12:23-29 D '61. (MIFA 14:12)

1. Kafedra obshchey khirurgii (zav. - prof. D.L.Rotenberg) Stanislavskogo meditsinskogo instituta.
(ANESTHESIA) (SURGERY)

RAYTSES, K.L.

Workers take part in management. Mashinostroitel' no.1:45 Ja '63.
(MIRA 16:2)
(Taganrog—Agricultural machinery industry)

RAYTSES, V.B.; LAKHTIN, Yu.M., doktor tekhn. nauk, prof.,
retsenzent; IZAKOV, N.R., kand. tekhn. nauk, dots., red.

[Technology of chemical and thermal treatment at machinery plants] Tekhnologiya khimiko-termicheskoi obrabotki na mashinostroitel'nykh zavodakh. Moskva, Mashinostroenie, 1965. 294 p. (MIRA 18:7)

RAITSSES, V. B. and A. P. SHITOV.

Usovershenstvovannyi sposob ochistki detalei ot okaliny. (Vestn. Mash., 1950, no. 12, p. 49)

Refers to Kirov tractor plant in Cheliabinsk.

(Improved method of cleaning machine parts from scale.)

DIC: TN4.V4

SO: Manufacturing and Mechanical Engineering in the Soviet Union,
Library of Congress, 1953.

RAYTSES, V. B. and A. F. SHITOV.

Protsess gazovoi tsementatsii; obrazovanie okaliny. (Vestn. Mash., 1950,
no. 8, p. 43-44.

(Process of gas cementation and formation of scale.)

DIC: TN4.V4

SO: Manufacturing and Mechanical Engineering in the Soviet Union,
Library of Congress, 1953.

1877 1000 1000
ANDRYUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.;
BELINICHENKO, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.;
YES'KOV, K.A.; ZGIRSKIY, Ch.I.; IGNAT'YEV, M.I.; KORUSHKIN, Ye.N.;
KUZ'MOV, N.T.; PATSEKOVICH, I.R.; PICHAK, P.I.; RAYTSER, V.B.;
RUDAKOV, A.S.; SAPRYKIN, V.M.; SIDOROV, P.P.; UMINSKIY, Ye.A.;
KHANZHIN, P.K.; CHEREMOVSKIY, Yu.I.; YERAKHTIN, D.D., kand.tekhn.nauk;
retsenzent; MAKAROV, M.P., inzh., retsenzent; TORBEYEV, Z.S., kand.
tekhn.nauk, retsenzent; POLKANOV, I.P., kand.tekhn.nauk, retsenzent;
IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M., inzhener, retsenzent;
SARAFANNIKOVA, G.A., tekhn.red.; YERMAKOV, N.P., tekhn.red.

[Manual for agricultural mechanizers] Spravochnik mekhanizatora
sel'skogo khoziaistva. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry. Pt.1. [Tractors and automobiles, agricultural machinery and
implements, and operation of machine and tractor yards] Traktory i
avtomobili, sel'skokhoziaistvennyye mashiny i orudiya, ekspluatatsiya
mashinno-traktornogo parka. Pod. red.N.M.Bushueva. 1957. 462 p.
(MIRA 10:12)

(Machine-tractor stations)

ANDRYUSHCHENKO, Yu.S., BAGIN, Yu.I., BASHKIRTSEV, A.A., BELEN'KOV, G.Ye.
 BELINICHEER, I.Sh., BUSHUYEV, N.M., VAGANOV, A.K., GASHEV, A.M.,
 YES'KOV, K.A., EGIRSEIY, Ch.I., IGNAT'YEV, M.I., KORUSHKIN, Ye.N.
 KUZ'MOV, H.T., PATSKEVICH, I.P., PICHAK, F.I., RAYTSES, V.B.,
 RUDAKOV, A.S., SAPHYKIN, V.M., SIDOROV, F.F., UMINSKIY, Ye.A.
 KHANZHIN, P.K., CHEREMOVSKIY, Yu.I., BUSHUYEV, N.M., kand.tekhn.
 nauk, red.; DUGINA, N.A., tekhn.red.

[Manual for agricultural machinery operators] Pt. 3. Stationary
 internal combustion engines, steam engines and windmills. Rural
 electrification. Mechanization of production in animal husbandry.
 Spravochnik mekhanizatora sel'skogo khoziaistva. Pt. 3. Statsionarnye
 dvigateli vnutrennego sgoraniia, lokomobili i vetrodvigateli.
 Elektrifikatsia sel'skogo khoziaistva. Mekhanizatsiia proizvodstvennykh
 protsessov v zhivotnovodstve. Pod red. N.M. Bushueva. Moskva,
 Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry. 1957. 200 p.
 (MIRA 11:9)

(Agricultural machinery)

RAYTSES, V.B., kand.tekhn.nauk; SOROKIN, A.I., kand.tekhn.nauk

Investigating causes of wear and fractures of hammer dies.

Sbor. st.CHPI no.8:76-84 '58.

(MIRA 11:9)

(Dies (Metalworking))

RAYTSES, Veniamin Borisovich; LEBEDEV, Afanasiy Fedorovich; ZAKHAROV,
B.P., retsenzent; DUGINA, N.A., tekhn. red.

[Skill of a heat-treatment specialist] Masterstvo termista.
Moskva, Mashgiz, 1961. 206 p. (MIRA 15:3)
(Metals--Heat treatment)

RAYTSES, V.B.; SHILKOVA, T.S.; VOSKOBOYNIKOVA, N.A.

Reviewed of A.A.Iurgenson's book "Nitriding in the power machinery
industry." Metalloved. i term. obr. ust. no.9:62-63 S '63.
(MIRA 16:10)

RAYTSES, V.B., kand.techn.nauk; KOROVINA, G.V., inzh.

Increasing the strength of hammer dies. Sbor.st.CHPI no.8:85-93
'58. (MIRA 11:9)
(Dies (Metalworking))

RAYTES, Y. B.

25(1) CHALYBINA. Politekhicheskii Institut
Voprosy teorii i praktiki obrabotki metallov davleniem (Problems in the Theory and Practice of Metal Forming) Moscow, Mashinist, 1959.
103 p. (Series: Ita: [Zhurnal] vop. 13) Errata slip inserted. 5,000 copies printed.

Reviewers: V.B. Shornikov, Candidate of Technical Sciences, V.D. Bekkin, Engineer, S.A. Baid, V.A. Korzunov, I. I. Kozhinskii, L.A. Krivonozh, B. M. Mykrovskii, M.A. Shubik, and D. I. Pishman; Ed.: V.B. Tyrtin, Candidate of Technical Sciences; Exec. Ed.: Ural-Sverdlovsk Division, Mashinist; A.V. Kalatina, Engineer; Tech. Ed.: N.A. Shagina.

PURPOSE: The collection of articles is intended for engineers, technicians, and scientific workers in metal forming.

CONTENTS: This collection of articles, written by staff members of the Chelabinsk Polytechnical Institute (Chelabinsk Polytechnical Institute), deals with problems on the theory, processes, and equipment of metal forming.

Problems in change of shape and state of stress of parallelipeds and cylindrical bodies subjected to flattening in plane parallel forming heads are discussed. The essentials of the theory of the interaction between strip and roll, and the question of slip along contact surfaces during rolling are explained. An analytic method for the athermal design of steam-distribution mechanisms for steam hammers is presented. Precision stamping of thin-walled parts of intricate shape is described. An investigation of the function of repeaters in in-random rolling mills is discussed. An article on the testing of electric heating furnaces is also included. No personalities are mentioned. References follow several of the articles.

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Preface

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The author presents formulas for the calculation of internal spread, elongation, and the external friction coefficient of prismatic specimens subjected to flattening in plane forming heads. Consideration is given to the effect of stress distribution.

Regulavskiy, G.V. [Engineer]. Deformation of Round Bodies During Metal Reduction Between Flat Plates 35
The article deals with an experimental investigation of the above phenomenon. The author presents mathematical data and the conclusions reached concerning the nonuniformity and distribution of deformations in radial and longitudinal directions. The project was supervised by Professor V.V. Shveytso, Doctor of Technical Sciences.

Regulavskiy, G.V. Internal Forces Acting During Plastic Deformation Experiments in Press Forming Carried out in 1946 on 315 specimens are described. Internal forces were measured by a special dynamometer and a piezoelectric transducer. Simultaneous measurements of total pressure, radial forces, and reduction were recorded. Diagrams showing the relationship between these factors are shown for different specimen shapes and conclusions are presented. This project was also supervised by V.V. Shveytso.

Tyrtin, V.B. [Candidate of Technical Sciences]. On the Physical Nature of Forward Slip 63
The author briefly describes the theory of the interaction between strip and rolls during rolling. The theory, claimed to be new, is based on the application of the law of the conservation of energy to the rolling process. The formulas derived agree with those of other theories and are confirmed by experimental data.

Tyrtin, V.B. Effect of the Spread on Slip During Rolling 70
The article discusses slip at any point along the arc of contact of a strip with its relation to spread. The effect of spread on forward slip and on the coefficient of external friction is also discussed.

Mishkov, B.I. [Engineer]. Precision Stamping of Thin-walled Parts of Intricate Shape 76
Types of dies and the technique for stamping very thin (0.2 to 0.02mm) parts for instruments are described, and suggestions for efficient operation are presented.

25(1)

PHASE I BOOK EXPLANATION 30V/2105

Chelyabinsk. Politehnicheskii Institut

Voprosy teorii i praktiki obrabotki metallov davleniyem (Problems in the Theory and Practice of Metal Forming) Moscow, Mendeiz, 1959, 105 p. (Series: IZ. [Sbornik] Op. 14) First allip inserted. 5,000 copies printed.

Authors: V.B. Shoruyakov, Candidate of Technical Sciences, V.D. Belakin, Engineer, N.A. Bedin, V.A. Korotkiy, L.I. Koshitskiy, L.A. Krivashiy, B. B. Melnykovskiy, M.A. Smulskiy, D. G. Plakman; Ed.: V.B. Vydrina, Candidate of Technical Sciences; Rec. Ed.: Urals-Siberian Division, Mashstb: A.V. Kalitina, Engineer; Tech. Ed.: N.A. Dugina.

PURPOSE: The collection of articles is intended for engineers, technicians, and scientific workers in metal forming.

COVERAGES: This collection of articles, written by staff members of the Chelyabinsk Politehnicheskii Institut (Chelyabinsk Polytechnical Institute), deals with problems on the theory, processes, and equipment of metal forming. Problems in change of shape and state of stress of parallel strips and cylindrical bodies subjected to flattening in plane parallel rolling heads are discussed. The essentials of the theory of the interaction between a strip and roll, and the question of ally along convex surfaces during rolling, are explained. An analytic method for the kinematic design of steam-die casting mechanisms for sheet rollers is presented. Precision stamping of thin-walled parts of intricate shape is described. An investigation of the function of repeaters in in-land roller mills is discussed. An article on the function of electric heating furnaces is included. No personalities are mentioned. References follow several of the articles.

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Belikin, N.P. (Engineer). On the Problem of Kinematics in Slane Distribution Mechanisms of Repeating Machines. 91
 Permits for kinematic dependences derived in this investigation B)
 permit the design of slane distribution mechanisms based on run dimensions and run travel.

Vodilo, V.B., P.N. Anisov (Engineer), and O.I. Tikhonov (Engineer). In-vestigation of the Function of Repeaters on a Light Merchant Mill 91
 The author has an analogy between the motion of a bar in a repeater and the drive. He uses Euler's formula for bending to derive the formula for the motion of a bar in a machine. He uses this formula as a criterion for analyzing the function of a repeater. Experimental investigation involved and equipment used are described, and data are presented.

Belikin, N.P. (Candidate of Technical Sciences) and A.P. Belikov (Engineer). Production Testing of Electric Heating Furnaces 101
 In this article diagrams are presented showing temperature changes and power consumption of starting and during operation, losses during idling, and the productivity of electric heating furnaces.

AVAILABLE: Library of Congress

00/rsl

5

RAYTSES, V.B., kand. tekhn. nauk; SHITOV, A.P., inzh.

Industrial testing of electric heating furnaces. Sbor. st. CHPI
no.14:101-104 '59. (MIRA 12:9)
(Electric furnaces--Testing) (Furnaces, Heat-treating)

S/276/63/000/002/017/052
A052/A126

AUTHOR: Raytses, V.B.

TITLE: Effect of repeated cementation on depth and quality of cemented layers

PERIODICAL: Referativnyy zhurnal, Tekhnologiya mashinostroyeniya, no. 2, 1963, 63, abstract 2B288 (In collection: "Novoye v metalloved. i tekhnol. term. obrabotki stali". Chelyabinsk, 1962, 203-210)

TEXT: For the investigation rectangular and cylindrical samples were prepared from three steel grades: 12 x H3A (12 x N2A), 12 x H4A (12 x NChA) and 20. The samples were cemented in a gas furnace (at 920-940°C) working on benzole. A part of the samples was subjected to a repeated cementation and then some of them were cemented for the third time. The curves of hardness after hardening were plotted as well as the curves of the carbon distribution over the depth of the cemented layer. The analysis of the results of the investigation entitled to the conclusion that a repeated cementation secures an increase of the depth of the cemented layer and of its saturation with carbon to the required limits. The hardness of the

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Effect of repeated cementation...

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A052/A126

cemented layer and the law of its variation over the depth of the layer at a repeated cementation are the same as in the first cementation. There are 4 figures.

T. Kislyakova

(Abstracter's note: Complete translation.)

Card 2/2

RAYTSES, V. B.

FDD PA 169T29

USSR/Engineering - Testing, Brakes Aug 50

"Machine for Testing Brake Member," V. B.
Raytses, Chelyabinsk Tractor Plant

"Zavod Lab" Vol XVI, No 8, pp 1020-1021

Describes new machine for testing members of
brake unit under near operating conditions.
Permits determination of friction coefficient
and its dependence on temperature,
specific pressure and circumferential speed.
There is also possibility of studying wear
of various materials.

169T29

DUNAYEV, P.A.; RAYTSES, V.B.; GUTMAN, I.M., inzhener, retsenzents; GANAGO, O.A., kandidat tekhnicheskikh nauk, retsenzents; NAUMOV, V.P., redaktor; DUGINA, N.A., tekhnicheskiiy redaktor

[Blacksmithing in a machine-tractor repair shop] Kuznechnoe delo v MTM. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1954. 125 p. (MLRA 8:7)
(Blacksmithing)

RAYTSES, V. B.

15

18

Fatigue-Testing of Valve Springs with Surface Defects.
V. B. Raitsev. (Zavodskaya Laboratoriya, 1949, vol. 15, 1897, pp. 1404-1406). (In Russian). Experiments, carried out at room temperature, are described in which diesel engine valve springs with defective surfaces were subjected to fatigue tests at 1500 cycles/min. Metallographic examination of the springs after failure showed that fine cracks produced in the metallurgical preparation of the springs were more likely to cause early failure than those produced mechanically, e.g., notches. From the experience gained, it is concluded that 15-17 million cycles give the most reliable results in the fatigue-testing of springs. S. K.

ASB 31.4 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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SOV/137-53-12-24488

Translation from: Referativnyy zhurnal. Metallurgiya. 1958. Nr 12, p 75 (USSR)

AUTHORS: Raytses, V. B., Korovina, G. V.

TITLE: Extending the Service Life of Hammer Dies (Povysheniye stoykosti molotovykh shtampov)

PERIODICAL: Sb. statey Chelyab. politekhn. in-t. 1958. Vol 8, pp 85-93

ABSTRACT: A study of the question of operation of hammer dies (D) leads to the following conclusions: 1. The hardness (H) of the D exercises a significant influence upon service life. Excessive H leads to cracks, whereas inadequate H results in increased wear. Optimum H of the D studied lies in the range $d_{opt} = 3.1-3.3$ mm. 2. The use of Nr 18KhNVA steel (St) for inserts permits achievement of a favorable combination of high H and a_k [resilience], making for longer life than with inserts of Nr 5KhNM St. 3. Further increase in H by nitriding and in toughness by calorizing does not result in any improvement in D life. 4. Calorizing prevents formation of erosion cracks, and may therefore be recommended for D for hot-stamping presses working under conditions of relatively steady load.

Ye. L.

Card 1/1

SOV/137-59-1-1709
Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 226 (USSR)

AUTHORS: Raytses, V. B., Sorokin, L. I.

TITLE: An Investigation of the Causes of Wear and Failure of Drop-hammer Dies (Issledovaniye prichin iznosa i polomok molotovykh shtampov)

PERIODICAL: Sb. statey. Chelyab. politekhn. in-t, 1958, Nr 8, pp 76-84

ABSTRACT: Various forms of fractures and wear in dies (D) are described, and the causes and the mechanism of cracking, crumpling, etc. are analyzed. Data on the durability of D's under various operating conditions are presented. Laboratory investigations performed on five D's which either had failed while in operation or exhibited an unusually rapid wear are described. It was established that the strength of the D's is seriously impaired if their temperature is reduced below 800°C and that of the forgings, below 830°C; the following factors tend to improve the durability of the D's: Employment of lubricating coatings, descaling, strict adherence to temperature ranges prescribed, and uniform and adequate heating of the D's; an optimal hardness should be established for each type of D.

Card 1/1

M. Ts.

S

RAYTSES, V. B.

Properties & Tests

Rational Method for the Surface-Quality Control of Valve Springs. V. B. Raitsev. (*Zavodskoye Laboratoriy*, 1930, No. 1, 123-124). [In Russian]. The disadvantages of the magnetic-powder method of testing valve springs for fine cracks or other surface defects, when the magnetization is carried out in batches between common contact discs, are outlined. An improved procedure is described, in which a separate current is used for magnetizing each spring. The improvement in the visibility of defects by the previous electrolytic deposition of 7-10 μ of zinc followed by heating to 160-180° C. is illustrated. — a. g.

KON'KOV, Arkadiy Sergeyevich; RAYTSES, Veniamin Borisovich; GARYAYEV,
P.I., inzh., retsenzent; KAZAKOV, S.S., inzh., retsenzent;
TYAGUNOV, V.A., kand.tekhn.nauk, red.; DUGINA, N.A., tekhn.red.

[Skill in forging] Masterstvo kuznetsa. Moskva, Gos.nauchno-
tekhn.izd-vo mashinostroit.lit-ry, 1959. 350 p. (MIRA 14:1)

(Forging)

DUNAYEV, Petr Aleksandrovich; RAYTSES, Veniamin Borisovich; ALEKSEYEV, G.P.,
red.; BUSHUYEV, N.M., kand.tekhn.nauk, red.; GUTMAN, I.M., inzh.,
red.; KUZ'MOV, N.T., inzh., red.; IGNAT'YEV, M.G., agronom, red.;
PICHAK, F.I., kand.tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn.
nauk, red.; MARCHENKOV, I.A., tekhn.red.

[Forging in the repair of agricultural machinery] Kuznechnoe delo
v remonte sel'skokhoziaistvennoi tekhniki. Izd.2. Moskva, Gos.
nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 158 p.

(MIRA 14:1)

(Forging) (Agricultural machinery--Maintenance and repair)

RAYTSES, V. I.

PHASE I BOOK EXPLOITATION

500

Naumov, Vasil'y Prokhorovich

Goryachaya shtampovka (Hot Forging) Moscow, Mashgiz, 1956. 56 p.
(Series: Nauchno-populyarnaya biblioteka rabocheho kuznetsa, vyp. 9) 10,000 copies printed.

Ed.: Ganago, O.A., Candidate of Technical Sciences; Reviewers: Tarnovskiy, I.Ya., Doctor of Technical Sciences, Professor, and Raytses, V.I., Engineer; Tech. Ed.: Dugina, N.A.; Managing Ed. of the ~~Ural-Siberian Branch~~ of Mashgiz: Kaletina, A.V., Engineer.

PURPOSE: This pamphlet, issued by the Popular Scientific Worker's Library, is the ninth in a series of pamphlets which aim at improving the theoretical knowledge of workers in forging shops.

COVERAGE: This pamphlet is devoted to the theory and practice of various forging methods in current use. The author discusses the general technological aspects of forging and continues with a description of equipment and methods of operation. The principles

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Hot Forging

500

of smith-, drop-, machine- and press forging are briefly explained. There is a short description of a horizontal press forging machine of 50,000 to 75,000 ton capacity used in the aircraft industry. Some space is devoted to the "interesting process of compression molding of molten metal which combines the advantages of forging and casting". In this method the die is filled with a measured amount of molten metal which is then compressed by a descending plunger filling the cavity of the die. The solidification of metal takes place under pressure which gives it a dense, fine-grained structure free of porosity, with good dimensional accuracy and surface quality. Compression molding is most suitable for copper, aluminum, brass and bronze castings. The author predicts a bright future and numerous applications for this method. Experiments with steel have so far been unsuccessful, as the temperature of molten steel has a destructive effect on the dies. It is further mentioned that within the scope of the Sixth Five Year Plan a new forging plant is to be built in the Ural area with a 120,000 ton annual capacity. In conclusion the author states that the trend should be toward improved methods of forging which would require little or no machining. As an example he mentions the "Krasnogvardeyets" plant in Leningrad, which is said to produce forgings with a grade 4 to 5 surface finish. This pamphlet deals more with the general aspects of forging than with the

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technological details of any one forging method. No personalities are mentioned. There are 7 references all of which are Soviet.

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AVAILABLE: Library of Congress

Card 4/4

G0/ad
8-8-58

KOLTUN, Sergey Ivanovich; RAYTSES, Veniamin Borisovich; MOZHAYSKIY,
V.S., inzh., retsenzent; KON'KOV, A.S., dots., red.;
DUGINA, N.A., tekhn. red.

[Manufacture and use of dies for drop forging] Izgotovlenie i
ekspluatatsiia shtampov dlia goriachei shtampovki. Pod red.
A.S.Kon'kova. Moskva, Mashgiz, 1961. 56 p. (Nauchno-
populiarnaia biblioteka rabochego kuznetsa, no.14)

(MIRA 15:4)

(Dies (Metalworking))

BERG, S.L., polkovnik; VOROB'YEV, V.I., kapitan pervogo ranga; GIL'EO, G.M., kapitan pervogo ranga; ANANCHENKO, A.A.; BALAKSHINA, M.M.; LANNIKOV, B.S., kapitan vtorogo ranga; BAKHTINA, G.F.; BERENSHTAM, N.V.; BUTYRINA, N.Ya.; VOROB'YEV, V.I., kapitan pervogo ranga; GASS, I.P.; GINBYSH, N.S.; GLADIN, D.F., polkovnik; GOLOVANOV, L.G., kand. ist. nauk; GOLUBEVA, Z.D., kand. filol. nauk; GONCHAROVA, A.I.; ZAMADVOROVA, R.N.; IVANOVA, N.G.; KARAMZIN, G.B.; KOVAL'CHUK, A.S.; KRONIDOVA, V.A.; LITOVA, Ye.I.; MOLCHANOVA, T.I.; OKUN', L.S.; POCHEBUT, A.H.; RAYTSES, V.I.; SAVINOVA, G.N.; SENICHKINA, T.I.; SKRYNNIKOV, R.G., kand. ist. nauk; FURAYEVA, I.I.; CHIZHOVA, N.N.; YASINSKAYA, L.F.; GLADIN, D.F., polkovnik; LALETSKIY, Ye.F., podpolkovnik; LEBEDEV, S.M., kapitan pervogo ranga; ORDYNSKIY, N.I., kapitan pervogo ranga; NADVODSKIY, V.Ye., podpolkovnik; DEMIN, L.A., inzh.-kontr-admiral, glav. red.; FRUMKIN, N.S., polkovnik, zam. otv. red.; LEVCHENKO, G.I., admiral, red.; BAKHTINA, G.F., tekhn. red.

[Naval atlas] Morskoi atlas. n.p. Izd. Glavnogo Shtaba Voenno-Morskogo Flota. Vol.3. [Naval history] Voenno-istoricheskii. Pt.1. [Text for the maps] Opisaniia k kartam. 1959. xxii, 1942 p. (MIRA 15:5)

1. Russia (1923- U.S.S.R.) Ministerstvo oborony. (Naval history)

RAYTSES, V.S.; VITRIKUSH, Ye.V.

Automatic registration of salivation in studies on conditioned reflexes with the aid of an electromechanical apparatus. Zhur. vys.nerv.deiat. 3 no.6:952-954 N-D '53. (MLRA 7:5)

1. Kafedra normal'noy fiziologii Stanislavskogo meditsinskogo instituta.

(REFLEX, CONDITIONED,

*automatic registration of excretion of salivary in induction of reflex with electro-mechanic appliance)

(SALIVA,

*automatic registration of excretion in conditioned reflex unduced with electro-mechanic appliance)

RAYTSES, V.S.

Mechanism of the effect of acute hypoxia on gastric evacuation.
Vop. fiziol. no.6:77-82 '53. (MLRA 8:1)

1. Kafedra normal'noy fiziologii L'vovskogo meditsinskogo
instituta.

(ANOXIA, effects,
on stomach motor funct. in dogs)
(STOMACH, physiology,
motor funct., eff. of anoxia in dogs)

RAYTSES, V.S.

Relation of depressor function of the aortic nerve to the functional state of the central nervous system. Medych. zhur.24 no.4:11-14 '54. (MLRA 8:10)

1. Stanislavs'kiy medichniy institut, kafedra normal'noy fiziologii.

(AORTA, innervation,
regulation of depressor funct. by CNS in rabbits)
(CENTRAL NERVOUS SYSTEM, physiology,
regulation of aortic nerve depressor function in rabbits)

RAYTSES, V.S.

✓ The effect of acute oxygen deficiency on the motor function of the stomach. V. S. Raitses (Med. Inst., Stanislav). *Fiziol. Zhur., Akad. Nauk Ukr. R.S.R.* 1, No. 2, 99-102 (Russian summary, 102) (1955).—A study was made of changes in the periodic activities of the stomach of the dog in O_2 deficiency prior to and after the disturbance of sympathetic innervation. Six dogs were used having chronic fistulas in the stomach fundus. Results were recorded gastrographically. Simultaneously records were made of the prepyloric and fundal stomach contractions. O_2 hunger causes the periodic movements of the stomach to disappear for as long as O_2 -poor air is inhaled. The effect is more pronounced in the fundus. Upon reinstituting normal air inhalation gastric motility returns. Any disturbance in the connection between the stomach and the sympathetic centers of the nerve system (cutting the trunks of the abdominal nerve or the sympathetic fibers of the vagus nerve) reduces markedly or completely prevents the suppression of the periodic gastric movements resulting from O_2 deficiency. The changes in the periodic functional motility of the stomach caused by O_2 deficiency are caused by a disturbance in the interreaction between the cortex and the subcortical elements, and in particular by the increased sensitivity of the hypothalamic region. B. S. Levine

RAYTSES, V.S.

Changes in higher nervous activity in experimental pathology of the stomach. Biul.eksp.biol. i med. 41 no.3:23-26 Mr '56. (MLRA 9:7)

1. Iz kafedry normal'noy fiziologii (zav.-dotsent V.S.Raytses)
Stanislavskogo meditsinskogo instituta (dir.-dotsent G.A.Babenko)
Predstavlena deystvitel'nyy chlenom AMN SSSR P.S.Kupalovym.

(STOMACH, dis.

exper. inflamm. in dogs, eff. on conditioned reflex)

(REFLEX, CONDITIONED

eff. of exper. inflamm. in dogs)

BRUNER, V.S.; BRUNER, V.S.

Some data on the effect of copper ionophore trace elements on the
functioning of the central nervous system. *Biokhimiya*. [Ukr.] 9
no.313.9-341. 1976. 103.
(NINA 1847)

... Department of Biology, 101 ...
Institute.

1. The first part of the report

describes the results of the investigation. The second part of the report
describes the results of the investigation. The third part of the report

MEL'MAN, Ye.P.; RAYTSES, V.S.; SOPIL'NIK, A.Yu.

Röntgenological data on the evacuating motor activity of the
stomach in an experimental disorder of blood circulation.
Vrach. delo no.2:23-30 F'64 (MIRA 17:4)

1. Kafedra normal'noy anatomii (zav. ~ prof. Ye.P. Mel'man)
i kafedra normal'noy fiziologii (zav. ~ dotsent V.S. Raytses)
Ivano-Frankovskogo meditsinskogo instituta.

RAYTSES, V.S., dotsent; GANITKEVICH, Ya.V., dotsent

Mechanism of the action of the microelements of copper, manganese,
and zink on the cardiovascular system. Vrach.delo no.1:113-115
Ja '63. (MIRA 1642)

1. Kafedra normal'noy fiziologii (zav. - dotsent V.S. Raytses)
Ivano-Frankovskogo meditsinskogo instituta.
(CARDIOVASCULAR SYSTEM)
(TRACE ELEMENTS IN THE BODY)

RAYTSSES, V.S., dotsent

Changes in the composition of the peripheral blood following a
gastric circulatory disorder. Vrach.delo no.8:83-85 Ag '62.

(MIRA 15:11)

1. Kafedra normal'noy fiziologii (zav. - dotsent V.S.Raytses)
Stanislavskogo meditsinskogo instituta.

(STOMACH--BLOOD SUPPLY)

(BLOOD--EXAMINATION)

RAYTSES, V.S.

Biologic activity of the blood in acute hypoxia of short
duration. Vopr.fiziol. no.8:133-136 '54. (MIRA 14:1)

1. L'vovskiy meditsinskiy institut.
(ANOXIA, effects,
on cardiovasc. system in dogs)
(CARDIOVASCULAR SYSTEM, physiology
eff. of anoxia in dogs)

RAYTSES, V.S.

Reflex influences from a pathologically modified stomach wall on
the process of cortical stimulation and inhibition. Zhur. vys.
nerv. deiat. 10 no. 1:71-79 Ja-F '60. (MIRA 14:2)

1. Chair of Normal Physiology, Medicial Institute, Stanislav.
(STOMACH--INNERVATION) (CONDITIONED RESPONSE)
(PEPTIC ULCER)

RAYTSES, V.S.; GANITKEVICH, Ya.V.

Effect of copper and manganese salts on choline-reactive systems
of the heart. Biul.eksp.biol.i med. 48 no.11:81-85 N '59.

(MIRA 13:5)

1. Iz kafedry normal'noy fiziologii (zav. - dotsent V.S. Raytses)
Stanislavskogo meditsinskogo instituta (dir. - dotsent G.A.
Babenko). Predstavlena deystvitel'nyy chlenom AMN SSSR V.N.
Chernigovskim).

(HEART pharmacol.)

(MANGANESE pharmacol.)

(COPPER pharmacol.)

RAYTSES, V.S., dots.

Signals of the internal organs. Zdorov'ie 5 no.11:5-6
N '59. (MIRA 13:3)
(NERVOUS SYSTEM)

RAYTSES, V.S. (Stanislav, ul.Pushkina, d.28, kv.8); MEL'MAN, Ye.P. (Stanislav,
ul.Franko, d.44, kv.4)

Some data on the effect of collateral circulation on gastric
vascularization and evacuatory motor activities. Arkh.anat.,
gist. i embr. 36 no.6:60-67 Je '59. (MIRA 12:9)

1. Kafedra normal'noy fiziologii (zav. - dotsent V.S.Raytses)
i kafedra normal'noy anatomii (zav. - prof.Ye.P.Mel'man)
Stanislavskogo meditsinskogo instituta.

(STOMACH, physiol.

eff. of collateral circ. on motor activity &
vascularization (Rus))

RAYTSES, V.S.

Effect of stimulation of gastric mechanoreceptors on the bioelectric activity of the cortex and subcortical formations of the brain under normal and pathological conditions [with summary in English]. Fiziol. zhur. 44 no.10:960-968 0 '58 (MIRA 12:1)

1. From the department of physiology, Medical Institute, Stanislav, and from the department of comparative physiology and pathology, Institute of Experimental Medicine, Leningrad.

(STOMACH, physiol.

eff. of stimulation on cortical & subcortical electric activity (Rus))

(CEREBRAL CORTEX, physiol.

eff. of stomach stimulation on electric activity (Rus))

(BRAIN, physiol.

eff. of stomach stimulation on subcortical electric activity (Rus))

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