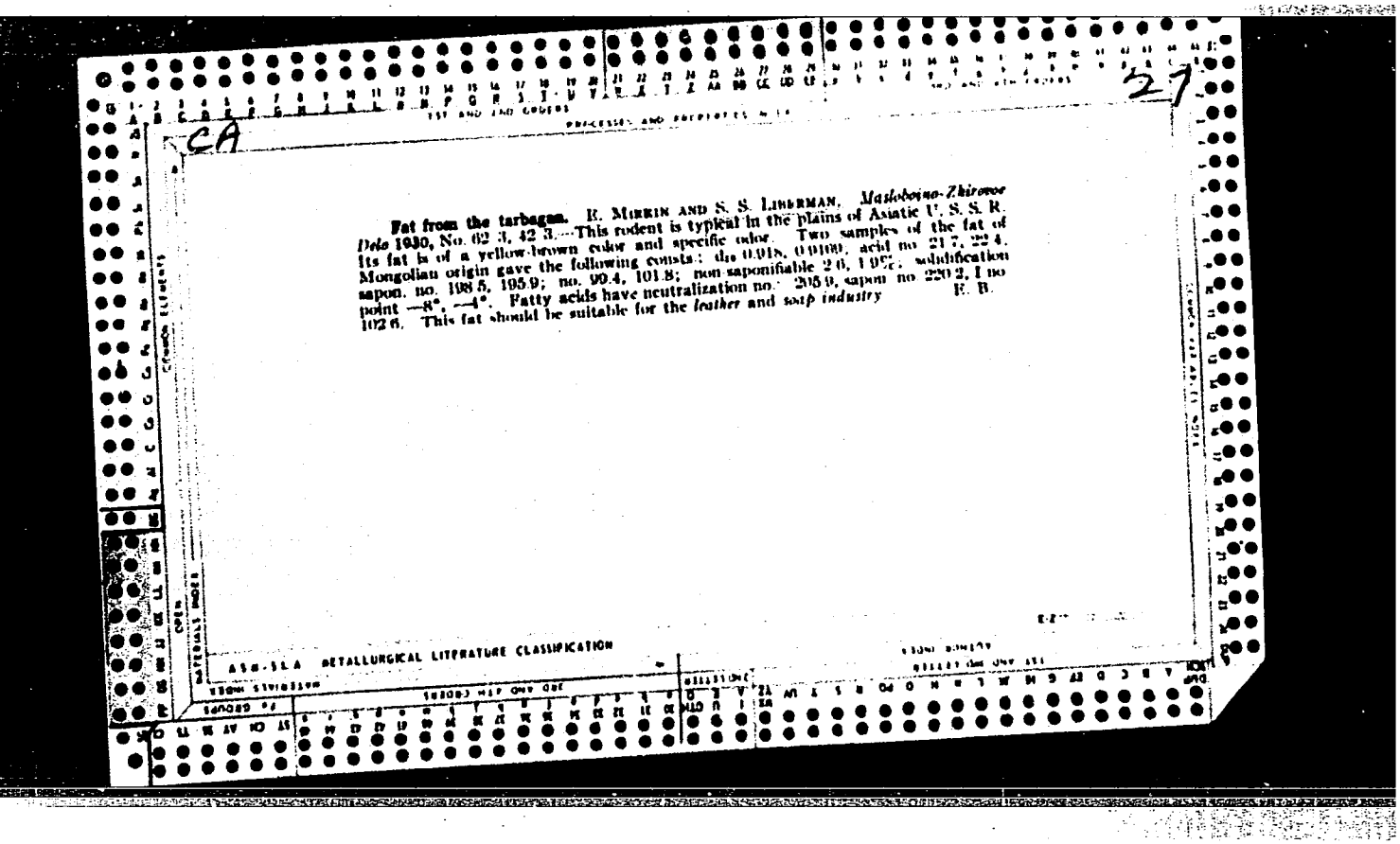
BEREGOVSKIY, V.I.; BREGMAN, R.V.; DANILOVA, L.A.; KOZYREV, V.S.; TARASOV, B.Ye.; TEPER, V.S.; FOMINYKH, Ye.G.; LIBERMAN, S.S., red.; KOROVINA, N.A., tekhn. red.

[Complete use of pyritic cinders] Kompleksnoe ispol'zovanie piritnykh ogarkov. Moskva, Metallurgizdat, 1963. 71 p. (MIRA 17:3)



Fat from the tarbagan. R. MIRKIN AND S. S. LIBERMAN. *Masloboino-Zhirovoe Delo* **1930**, No. 02-3, 42-3.—This rodent is typical in the plains of Asiatic U. S. S. R. Its fat is of a yellow-brown color and specific odor. Two samples of the fat of Mongolian origin gave the following consts.: dis 0.918, 0.9188; acid no 21.7, 22.4; sapon. no. 198.5, 195.9; no. 99.4, 101.8; non-saponifiable 2.0, 1.9%; solidification point —8°, —4°. Fatty acids have neutralization no. 205.9, sapon no 220.2, I no 102.6. This fat should be suitable for the *leather* and *soap industry* E. B.

LIBERMAN, S.S.

Ascorbic acid in carbon monoxide poisoning. Farm.i toks.10 no.3: 20-22 My-Je '47. (MLRA 7:2)

1. Iz laboratorii farmakologii pri patologicheskikh sostoyaniyakh i intoksikatsiyakh (zaveduyushchiy - professor V.A.Sanotskiy) otdela farmakologii (zaveduyushchiy - deystvitel'nyy chlen Akademii meditsinskikh nauk V.I.Skvortsov) Instituta farmakologii, toksikologii i khimioterapii Akademii meditsinskikh nauk SSSR.
(Vitamins) (Carbon monoxide--Toxicology)

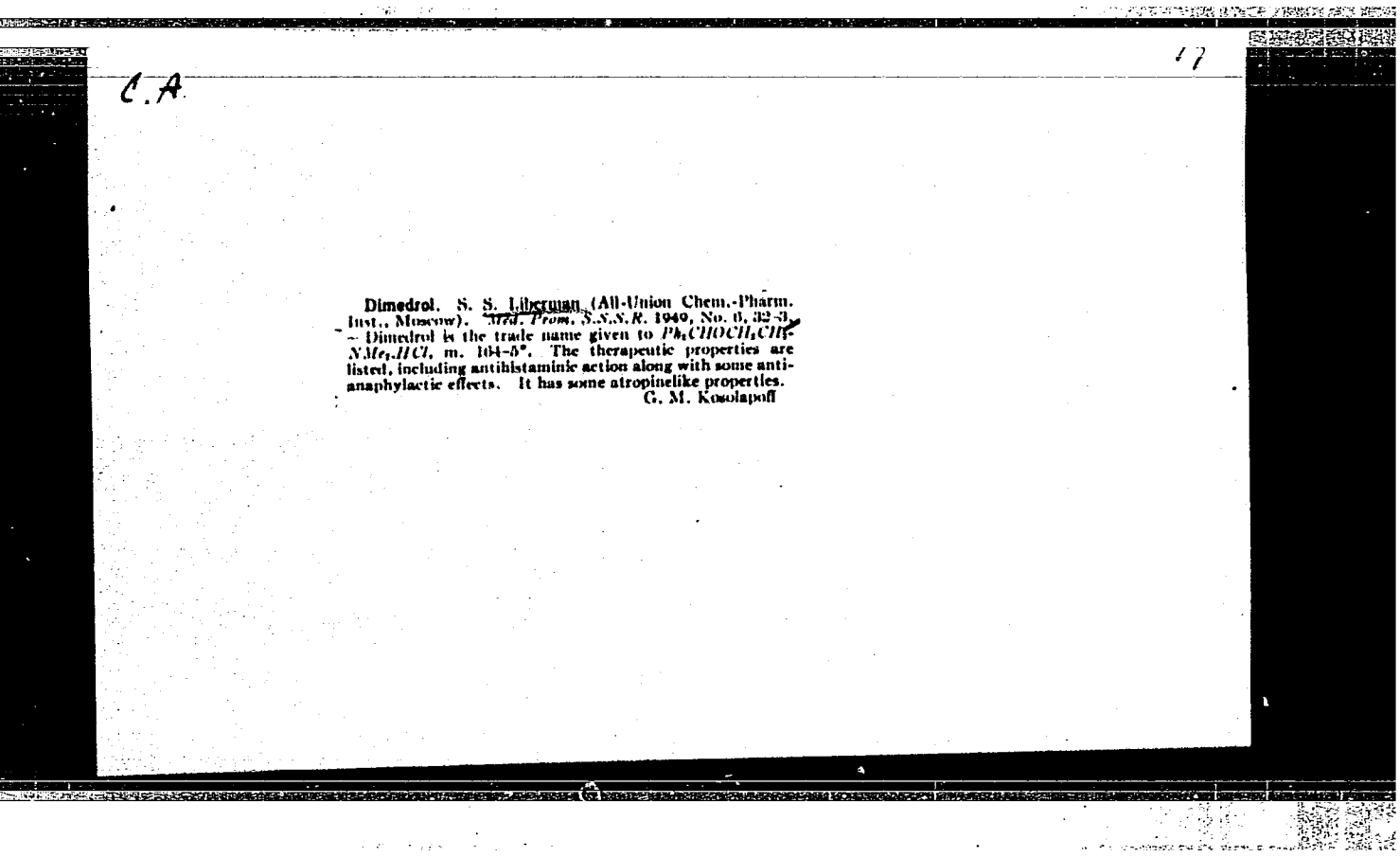
Liberman, S. S. Cand Biolog Sci

Dissertation: "Pharmacologic Investigation of a new Antihystamine Preparation--Dimedrol."

18 May 49

All-Union Sci Res Chemicopharmaceutic Inst imeni S. Ordzhonikidze, Ministry of Public Health USSR

SO Vecheryaya Moskva
Sum 71



C.A.

17

Dimedrol. S. S. Liberman (All-Union Chem.-Pharm. Inst., Moscow). *Med. Prom. S.S.S.R.* 1949, No. 6, 32-5. — Dimedrol is the trade name given to $Ph_2CHOCH_2CH_2NMe_2.HCl$, m. 164-5°. The therapeutic properties are listed, including antihistaminic action along with some anti-anaphylactic effects. It has some atropinelike properties.
G. M. Kosolapoff

LIBERMAN, S.S.

Pharmacology of thiphen; diethylaminoethyl ester of thiodiphenyl acetic acid. Tr. Vsesoiuz. obsh. fiziol. no. 1:125 1952. (CLML 24:1)

1. Delivered 24 February 1950, Moscow.

MASHKOVSKIY, M.D., LIBERMAN, S.S.; POLEZHAYEVA, A.I.

Pharmacology of aminazine. Farm.i toks. 18 no.1:14-22 Ja-F '55.
(MLRA 8:7)

1. Otdel farmakologii (zav. prof. M.D.Mashovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze.

(CHLOROPROMAZINE,
pharmacol.)

USSR/Pharmacology. Pharmacognosy. Toxicology - Spasmolytics. T-8

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71861

Author : Liberman, S.S.
Inst :
Title : The Effect of Carbonic Acid Ethers in Hyperkinesis Produced by Nicotine.

Orig Pub : Khimia i meditsina, vyp. 5, M. Medgis, 1956, 32-36

Abstract : The introvenous injection of 0.5 mg/kg of nicotine (I) into mice caused excitement, tremor and clinical convulsions; doses of 0.75 produced clonic and clonicotonic convulsions, with about 30% mortality among the mice. 1.5 mg/kg produced 100% death in mice. The following compounds were adminstered intra-abdominally 10 minutes before injection of the lethal doses of I (1.5 mg/kg). The most active compound preventing the toxic reaction in animals appeared to be dimethylaminoethyl ether of

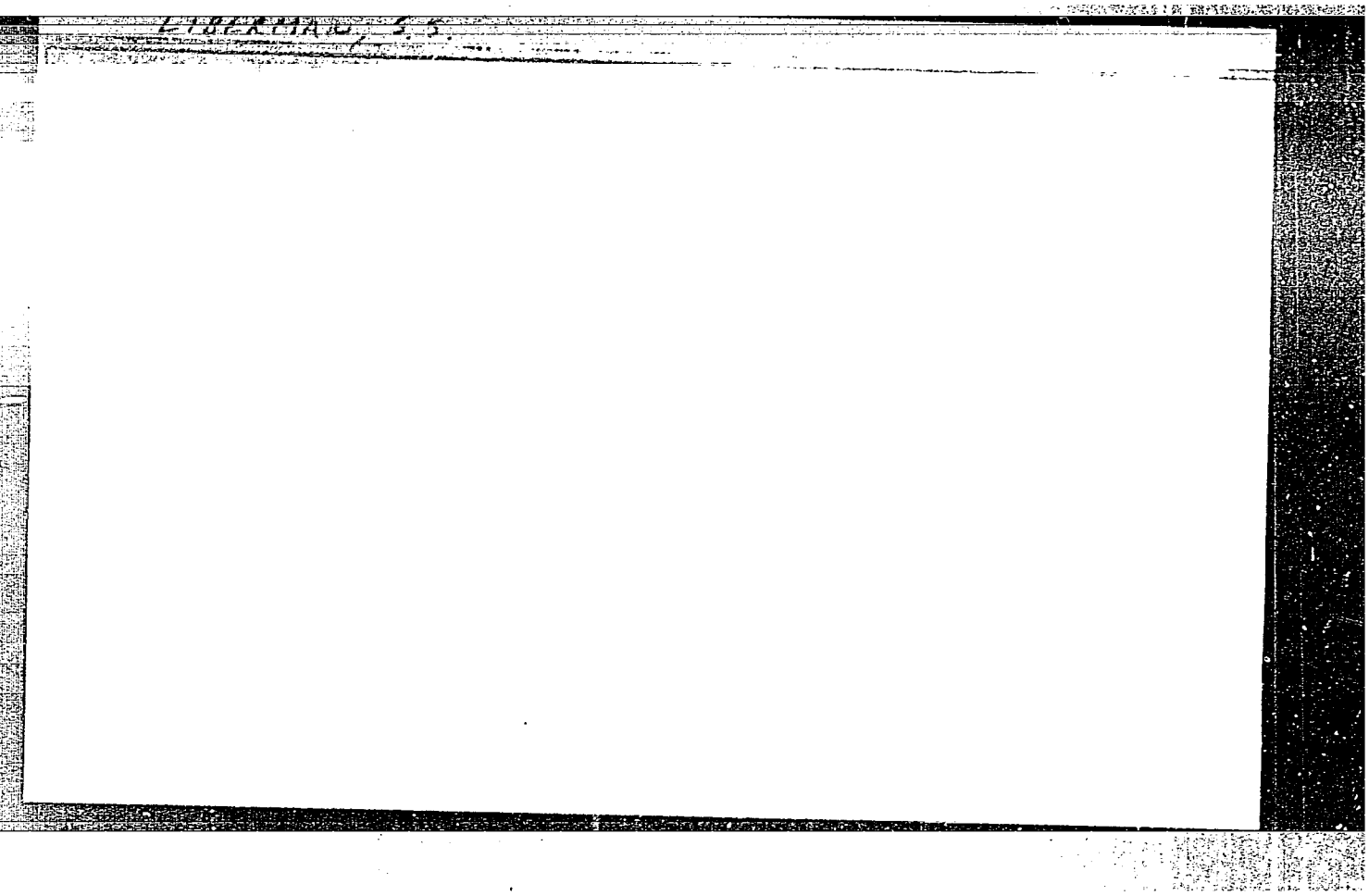
Card 1/3

USSR/Pharmacology. Pharmacognosy. Toxicology -
Spasmolytics.

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71861

diphenylthioacetate (II, dimetsin). A 25 mg/kg dose of II completely averted the death of mice from I and considerably reduced the nicotinic hyperkinesis. In rabbit tests II weakened considerably the convulsions produced by I with 0.5 mg/kg doses. Diethylaminoethyl ether of diphenylacetate (spasmolytin), and its Sulfur containing analog (tiphen), and also diphenyl-a, a-propionate ethers showed a similar potency. They exhibited a clear therapeutic effect, when injected intra-abdominally into mice in 50 mg/kg doses and prevented the convulsive effect of I in rabbits in 5 mg/kg doses. Inactive as to prevention of nicotinic hyperkinesis were benzilic ethers, 2-quinuclidilmethyl, and 4-pyridylmethyl ether of diphenylacetate, and also isopropylaminoethyl ether of diphenylthioacetate. It is indicated that the substitution of the hydrogen atom by the methyl group near the oxygen,

Card 2/3



LIBERMAN, S.S.

LIBERMAN, S.S.

Effect of diprazine on the uterus in experimental animals. Farm. i toks. 20 no.3:64-66 My-Je '57. (MIRA 10:10)

1. Otdel farmakologii (zav. - prof. M.D.Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze.

(UTERUS, effect of drugs on,
promethazine, in animals (Rus))
(PROMETHAZINE, effects,
on uterus in animals (Rus))

MASHKOVSKIY, M.D.; LIBERMAN, S.S.

Pharmacology of aprophen, a new spasmolytic preparation [with summary in English]. Farm. i toks. 20 no.4:42-48 Jl-Ag '57. (MIRA 10:11)

1. Otdel farmakologii (zav. - prof. M.D.Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze.

(MUSCLE RELAXANTS,
β-diethylaminoethyl ester of α,α-diphenylpropionic acid hydrochloride, pharmacol. (Rus))
(PROPIONATES, effects,
β-diethylaminoethyl ester of α,α-diphenylpropionic acid hydrochloride, spasmolytic action (Rus))

LIBERMAN, S.S.

Isadrine, an antiasthmatic. Med.prom. 12 no.1:57 Ja '58. (MIRA 11:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S.Ordzhonikidze.
(ETHANOL) (ANTISPOSMODICS)

MAKEYEVA, O.O., LIBERMAN, S.S.

Bacteriostatic anti-tuberculous activity of the blood and cerebrospinal fluid in experimental animals following internal administration of methazid. [with summary in English] Farm. i toks. 21 no.3:39-41 My-Je '58 (MIRA 11:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S.Ordzhonikidze.

(NICOTINIC ACID, ISOMERS, effects,
metazid, on exper. tuberc., bacteriostatic eff. of blood & CSF isolated from treated animals (Rus))
(BLOOD,
bacteriostatic eff. after metazid ther. of exper. tuberc. (Rus))
(CEREBROSPINAL FLUID,
same (Rus))

LIBERMAN, S.S.; MASHKOVSKIY, M.D.

New drugs for treating diseases of the central nervous system.
Med.prom. 13 no.3:6-13 Mr '59. (MIRA 12:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S.Ordzhonikidze.
(PHARMACOLOGY) (NERVOUS SYSTEM--DISEASES)

MASHKOVSKIY, M.D.; LIBERMAN, S.S.

Pharmacology of a new cholinolytic drug metacin. Farm. i toks. 22 no.3:216-224 My-Je '59. (MIRA 12:7)

1. Otdel farmakologii (zav. - prof. M.D. Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta.
(PARASYMPATHOLYTICS,
oxyphenonium, pharmacol. (Rus))

LIBERMAN, B.S.

Effect of iprazid on the hypothermic and sedative effects of reserpine and aminazine. Zhur.nevr. i psikh. 59 no.4:396-401 '59. (MIRA 12:6)

1. Otdel farmakologii (zav. - prof.M.D.Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze.

(NICOTINIC ACID ISOMERS, effects,
iproniazid, on hypothermic & sedative eff. of chlororomazine & reserpine (Rus))
(CHLORPROMAZINE, effects,
hypothermic & sedative, eff. of iproniazid on reactivity (Rus))
(RESERPINE, effects,
same)

MAKEYEVA, O.O.; LIBERMAN, S.S.

Bacteriostatic antitubercular activity of the blood and cerebrospinal fluid in experimnetal animals during peroral administration of metazide. Khim. i med. no.14:31-35 '60. (MIRA 14:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S.Ordzhonikidze.
(METAZIDE) (TUBERCULOSIS)

LIBERMAN, S.S.

General effect and toxicity of the antitubercular drug, metazide. Khim. i med. no.14:42-45 '60. (MIRA 14:12)

1. Otdel farmakologii (zav. - prof. M.D.Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze.

(METAZIDE)

LIBERMAN, S.S.

Iprazid, a preparation for the treatment of central nervous system diseases. Med.prom. 14 no.4:51-52 Ap '60. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(ISONICOTINIC ACID) (NERVOUS SYSTEM--DISEASES)

LIBERMAN, S.S.; GALENKO, V.Ye.

Meprotan is a new sedative. Med. prom. 14 no.5:54-55 My '60.
(MIRA 13:9)

(PROPANEDIOL)

LIBERMAN, S.S.; IL'YUCHENOK, R.Yu.

Influence of the "loading" of dialkylaminoethly radical on the pharmacological properties of benzilic acid esters. Farm. i toks. 24 no.4:432-436 Jl-Ag '61. (MIRA 14:9)

1. Laboratoriya farmakologii (zav. - prof. M.D.Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevicheskogo instituta imeni S.Ordzhonididze.
(BENZILIC ACID) (PARASYMPATHOLYTICS)

LEV, Isaak Yefimovich; TARAN-ZHOVNIR, Yu.N., otv. red.; LIBERMAN, S.S., ved. red.; ANDREYEV, S.P., tekhn. red.

[Carbide analysis of cast iron] Karbidnyi analiz chuguna. Khar'kov, Metallurgizdat, 1962. 180 p. (MIRA 15:7)
(Cast iron—Metallography)
(Phase rule and equilibrium)

LIBERMAN, S.S.

Pharmacology of phelazine — a monoamine oxidase inhibitor. Farm. i toks. 25 no.2:175-179 Mr-Ap '62. (MIRA 15:6)

1. Laboratoriya farmakologii (zav. - prof. M.D. Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S. Ordzhonididze.
(AMINE OXIDASE) (HYDRAZINE) (RESERPINE)

Liberman, S. S.

USSR/Medicine - Pharmacology FD-1912

Card 1/1 Pub. 38-11/18

Author : Mashkovskiy, M. D.; Liberman, S. S.

Title : Comparitive investigation of the effects of spasmolytin, tiphen, and pentaphen on experimental bronchospasm

Periodical : Farm. i. toks. 17, 45-49, Nov/Dec 1954

Abstract : Studied the effects of spasmolytin (chlorohydrate of the diethylamino-ethyl ester of diphenylacetic acid), tiphen (chlorohydrate of the diethylaminoethyl ester of thiodiphenylacetic acid), and pentaphen (chlorohydrate of the diethylaminoethyl ester of phenylcyclopentane-carboxylic acid) on experimentally induced bronchospasms in cats. The bronchospasm was induced with prostigmine and with carbonyl choline. All three preparations were found to possess broncholytic activity, decreasing bronchospasms induced by prostigmine, carbonyl choline, and by stimulation of the vagus nerve with induction current. The broncholytic activity of the three drugs was equal. Five graphs; five references (all USSR; all since 1940).

Institution: Pharmacology Division (Head - Prof. M. D. Mashkovskiy) All-Union Sci-Res Chemico-pharmaceutical Inst imeni S. Ordzhonikidze.

Submitted :

LIBERMAN, S. S.

"Research on New Cholinolytic and Spasmolytic Agents in the Series of Complex Esters of Diphenylacetic Acid and Its Derivatives," by S. S. Liberman, Department of Pharmacology (head, Prof M. D. Mashkovskiy), All-Union Scientific Research Chemicopharmaceutical Institute imeni S. Ordzhonikidze, Farmakologiya i Toksikologiya, Moscow, Vol 19, No 6, Nov/Dec 56, pp 10-17

Many esters and derivatives of diphenylacetic acid are known to be pharmacologically active and to possess properties similar to those of spasmolytin, tiphen, tropacin, and others. Thirty esters, derivatives of diphenylacetic acid, synthesized at the All-Union Scientific-Research Chemicopharmaceutical Institute by N. A. Kopylova and Prof M. V. Rubtsov, were investigated to determine their (1) spasmolytic activity (their effect on smooth muscles similar to the effect of papaverine); (2) effect on the peripheral muscular and choline reactive systems; and (3) effect on the central muscular and nervous choline reactive systems (their ability to prevent or weaken spasms caused by arecoline or nicotine).

On the basis of their chemical structures the compounds were divided into the following groups:

1. Dialkylaminoethyl esters of diphenylalkylacetic acid.

2. Dialkylaminoethyl esters of diphenyloxyacetic acid.

3. Dialkylaminoethyl esters of diphenylalkoxyacetic acid.

4. Dialkylaminoethyl esters of diphenylacetic acid with substituents in the phenyl radicals.

5. Quaternary salts of dialkylaminoethyl esters of diphenylalkylacetic and diphenyloxyacetic acids.

6. Esters of diphenylacetic acid and heterocyclic alcohols.

7. Dialkylaminoethyl esters of diphenylthioacetic and phenylcyclohexylthioacetic acids.

8. Dialkylaminoethyl esters of diphenylthioacetic acid with substituents in the phenyl radicals.

Sum 1274

All the compounds, except the quaternary derivatives, were in the form of hydrochlorides, white or light cream in color, and were to a greater or lesser degree soluble in water. A section of rabbit's intestine in a state of spasm induced by barium chloride (1:2,500) was used to determine the spasmolytic action of the compounds. Their cholinolytic activity was determined by tests on a section of rabbit's intestine in a state of spasm induced by acetylcholine and on cats anesthesized with urethan.

The investigations established: (1) all the compounds were close in their action to spasmolytin and tiphen, differing from the latter in the degree of their activity; (2) of the esters of diphenylalkylacetic acid, the diethylaminoethyl ester of diphenylmethylacetic acid was the more active; (3) the quaternary salts of the derivatives of diphenylacetic acid were practically devoid of spasmolytic properties and of central cholinolytic and nicotinolytic action; and (4) greatest spasmolytic activity, and greatest activity in regard to the muscular and nevous choline reactive systems were displayed by the diethylaminoethyl ester of phenylcyclohexylthioacetic acid and the dipropylaminoethyl ester of diphenylthioacetic acid.

[Comment: Spasmolytin is the hydrochloride of the diethylaminoethyl ester of diphenylacetic acid; tiphen is the hydrochloride of the beta-diethylaminoethyl ester of thiophenylacetic acid; tropacin is the hydrochloride of the tropic ester of diphenylacetic acid. See Lekarstvennyye Sredstva (Materia Medica), by M. D. Mashkovskiy, Moscow, 1954, pp 108, 107,57.]

Sum 1274

LIBERMAN, S.S.

Aprophen and diprophen, new spasmolytics. Med.prom. 11 no.6:43-45 Je '57. (MLRA 10:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S.Ordzhonikidze
(ANTISPASMODICS) (PIPERIDINE) (ACETIC ACID)

LIBERMAN, S.S.; MASHKOVSKIY, M.D.

New drugs for treating diseases of the central nervous system.
Med. prom. 13 no.2:3-10 F '59. (MIRA 12:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimko-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(TRANQUILIZING DRUGS)

LIBERMAN, S.S.

New atropinelike preparation metacin. Med.prom. 15 no.5:40-42 My '61. (MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut imeni S.Ordzhonikidze.
(PARASYMPATHOLYTICS) (BENZILIC ACID)

LIBERMAN, S.S.

Pharmacology of dialkylaminalkyl esters of , -diphenylpropionic acid and their analogues and homologues. Farm.i toks. 24 no.6:670-675 N-D '61. (MIRA 15:11)

1. Laboratoriya farmakologii (zav. - chlen-korrespondent AMN SSSR prof. M.D.Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo fiziko-farmatsevticheskogo instituta imeni S.Ordzhonikidze.
(PROPIONIC ACID)

LIBERMAN, S.S.

Effect of some cholinolytics on the action of promedol and morphine. Farm. i toks. 25 no.4:418-423 Jl-Ag '62. (MIRA 17:10)

1. Laboratoriya farmakologii (zav. - chlen-korrespondent AMN prof. M.D. Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni Ordzhonikidze.

LIBERMAN, S.S.; POLEZHAYEVA, A.I.

Analgesic and antitussive effect of some diphenylalkoxy acetates.
Farm. i tcks. 26 no.6:656-661 N-D '63 (MIRA 18:2)

1. Laboratoriya farmakologii (zav. - chlen-korrespondent AMN SSSR prof. M.D. Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S. Ordzhonikidze.

LIBERMAN, S.S., doktor biol. nauk; YAKHONTOV, L.N., kand. khim. nauk

Hypotensive preparations. Zhur. VKHO 10 no. 6:616-629 '65
(MIRA 19:1)

PODVYSOTSKAYA, O.N., LIBERMAN, T.N.

"Brief manual for practical lessons on skin and veneral diseases" by A.A. Studnitskii, V.I. Tereshkovich, Reviewed by O.N. Podvysotskaia, T.N. Liberman. Vest.derm. i ven. 32 no.4:84-86 Jl-Ag '58 (MIRA 11:10)
(DERMATOLOGY)
(VENEREOLOGY)
(STUDNITSKII, A.A.)
(TERESHKOVICH, V.I.)

LIBERMAN, T.N., kand.med.nauk

Studying the secretory and motor activities of the stomach in patients with certain skin diseases. Vest.derm.i ven. 33 no.5:25-30 S-O '59. (MIRA 13:2)

1. Iz kafedry kozhnykh bolezney (zaveduyushchiy - prof. A.N. Araviyskiy, nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. O.N. Podvysotskaya [deceased] I Leningradskogo meditsinskogo instituta imeni akad. Pavlova.

(GASTRIC JUICE)
(SKIN DISEASES physiol.)
(STOMACH physiol.)

LIBERMAN, T. Yu.

"The So-Called Rheocardiography," Klin. Med., 27, No. 3, 1949. Therapeutic Clinic, -c1949-.

LIBERMAN, T.Yu.

Effect of oxygen therapy on cerebral circulation in hypertension; clinical experimental investigation. Terap. arkh. 30 no.4:49-57 Ap '58. (MIRA 11:4)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav.-prof. A.A. Kedrov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

(BRAIN, blood supply,
in hypertension, eff. of oxygen ther. (Rus)
(HYPERTENSION, therapy,
oxygen, eff. on cerebral circ. (Rus)
(OXYGEN, therapeutic use.
hypertension, eff. on cerebral circ. (Rus)

LIBERMAN, T.Yu.

Effect of the inspiration of various gas mixtures on the cerebral circulation; experimental investigations. Trudy LSGMI 40:21-31 '58. (MIRA 12:8)

1. Fakul'tetskaya terapevticheskaya klinika Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. klinikoy - prof.A.A.Kedrov).

(BRAIN, blood supply,
pressure, eff. of O2/CO2 ratio in inspired air (R_{us}))
(BLOOD PRESSURE, physiology,
cerebral, eff. of O2/CO2 ratio in inspired air (R_{us}))
(RESPIRATION, physiology,
eff. of oxygen carbon dioxide ratio in inspired air on cerebral blood pressure (R_{us}))

LIBERMAN, T.Yu.

Therapy of hypertensive headaches by oxygen-enriched air.
Trudy LSGMI 40:32-47 '58. (MIRA 12:8)

1. Fakul'tetskaya terapevticheskaya klinika Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. klinikoy - prof.A.A.Kedrov).
(OXYGEN, ther. use,
headache in hypertension (Rus))
(HEADACHE, etiol. & pathogen.
hypertension, oxygen ther. (Rus))
(HYPERTENSION, compl.
headache, oxygen ther. (Rus))

LIBERMAN, T.Yu.

Method for studying fluctuation of cerebral vascular tonus in experimental animals [with summary in English]. Biul.eksp.biol. i med. 45 no.1:111-115 Ja '58. (MIRA 11:4)

1. Iz kafedry fakul'tetskoy terapii (zav. - prof. A.A.Kedrov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR S.V.Anichkovym.
(BRAIN, blood supply,
vasc. tonus, determ. (Rus))

LIBERMAN, T. Yu., Candidate Med Sci (diss) -- "The effect of changes in the gas composition of the blood on brain circulation". Leningrad, 1959. 18 pp (Min Health RSFSR, Leningrad Sanitary-Hygiene Med Inst), 200 copies (KL, No 23, 1959, 172)

LIBERMAN, Tamara Yul'yevna; KLIMOV, S.P., red.; LEBEDEVA, G.T., tekhn. red.

[Angina pectoris]Grudnaia zhaba. Leningrad, Medgiz, 1962. 31 p. (MIRA 16:2)
(ANGINA PECTORIS)

LIBERMAN, T.Yu.

Effect of some drugs used in the treatment of headache in hypertensive patients on the tone of cerebral vessels; experimental studies. Farm. i toks. 26 no.5:573-578 S-O '63. (MIRA 17:8)

1. Fakul'tetskaya terapevticheskaya klinika (zav. - prof. A.A. Kedrov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

PAVLOV, N., inzh. (Minsk); ARKUSH, N., inzh. (Riga); MIKK, E., mekhanik (Tallin); MYAGI, N. [Magi, N.], mekhanik (Tallin); LIBERMAN, V. (Lyubertsy Moskovskoy obl.); ZHURAVLEV, G., tekhnolog

Proposed, made, introduced. Izobr. i rats. no.8:12-13 Ag '62. (MIRA 15:9)

(Technological innovations)

LIBERMAN, V., inzh.-mayor

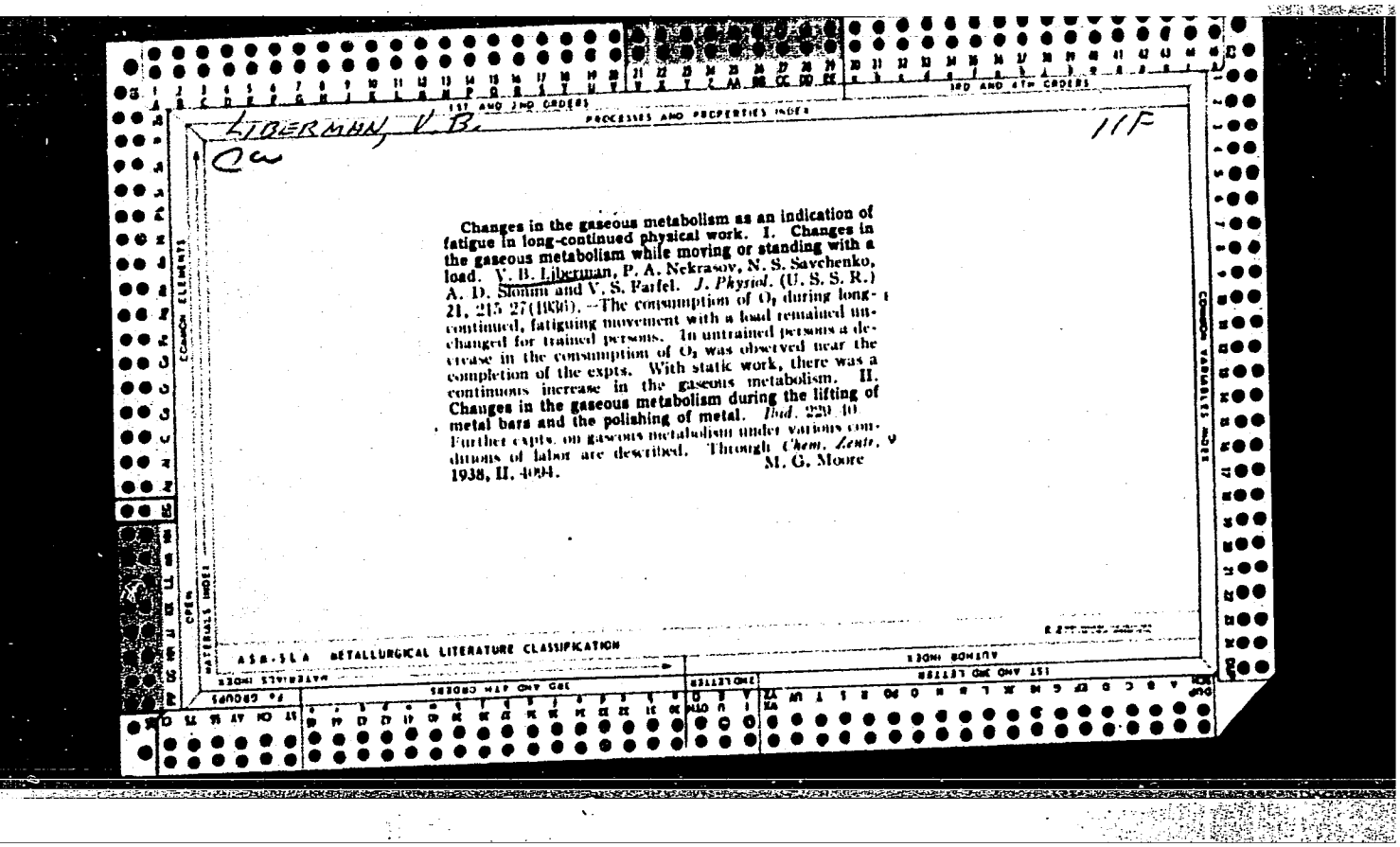
Dispatcher sheets for airplane-maintenance service. Av.i kosm. 45 no.10:62-65 '62. (MIRA 15:10)
(Appliances—Maintenance and repair)

LIBERMAN, Vladimir Borisovich; SMIRNOV, Ye.I., red.; PONOMAREVA, A.A., tekhn. red.

[Mechanization of production planning] Mekhanizatsiia proizvodstvennogo planirovaniia. Moskva, Ekonomizdat, 1963. 166 p. (MIRA 16:9)
(Moscow--Industrial management)
(Electronic data processing)

IBAN'YES, F.F.; LIBERMAN, V.B.; BUNINA, T.S.; KATS, A.M., red.; BYCHKOVA, G.I., red.

[Experience in the operation of the EV80-3 electronic computer for calculating planning norms in serial production] Opyt primeneniia elektronnogo vychislitelia EV80-3 dlia normativno-planovykh raschetov v seriinom proizvodstve. Moskva, Statistika, 1964. 86 p. (MIRA 18:4)



LIBERMAN, V. B.

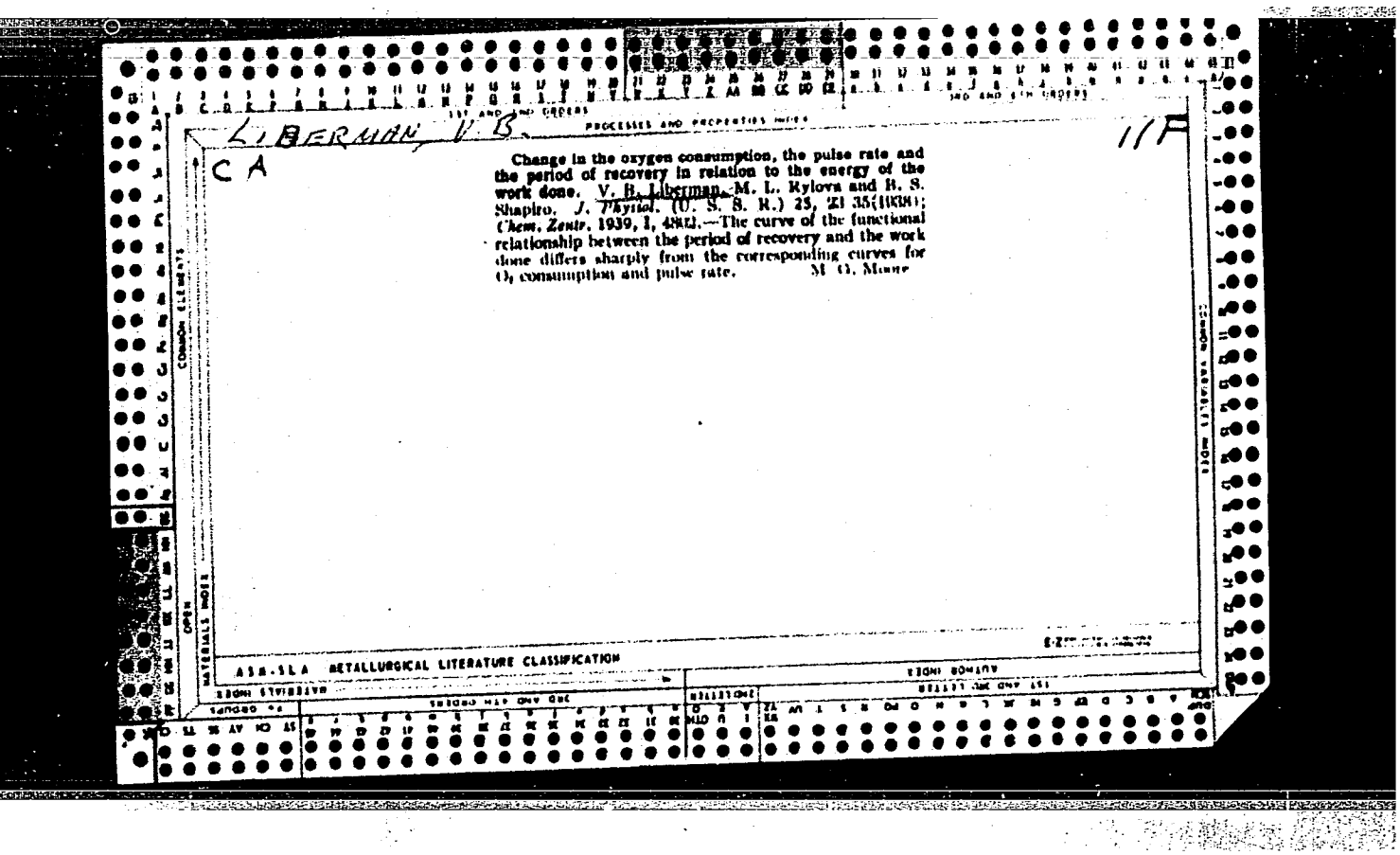
Ca

11F

Changes in the gaseous metabolism as an indication of fatigue in long-continued physical work. I. Changes in the gaseous metabolism while moving or standing with a load. V. B. Liberman, P. A. Nekrasov, N. S. Savchenko, A. D. Slonim and V. S. Parfel. *J. Physiol.* (U. S. S. R.) 21, 215-27(1936).—The consumption of O_2 during long-continued, fatiguing movement with a load remained unchanged for trained persons. In untrained persons a decrease in the consumption of O_2 was observed near the completion of the expts. With static work, there was a continuous increase in the gaseous metabolism. II. Changes in the gaseous metabolism during the lifting of metal bars and the polishing of metal. *Ibid.* 229-40. Further expts. on gaseous metabolism under various conditions of labor are described. Through *Chem. Zentr.*, 1938, II, 4094.

M. G. Moore

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



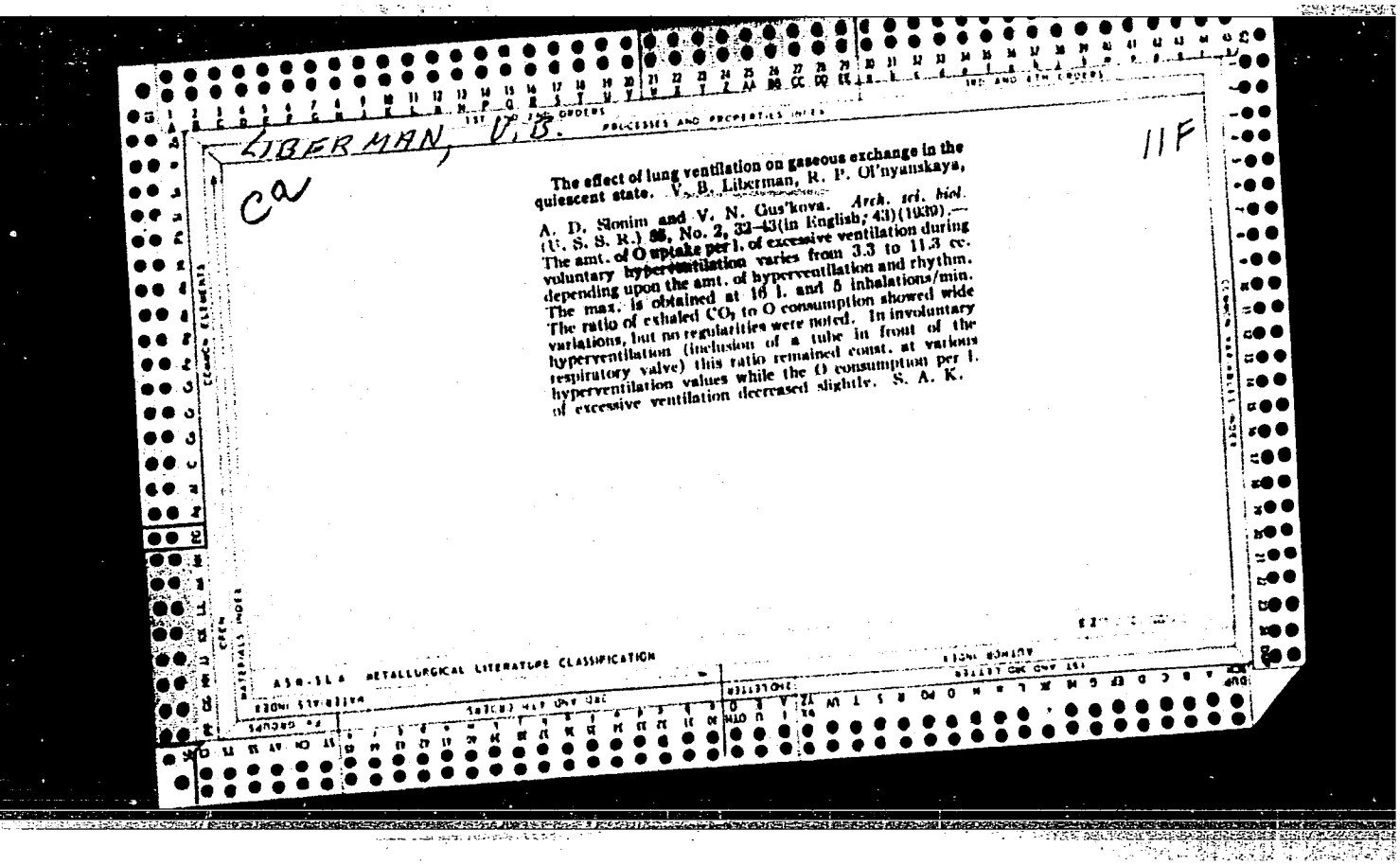
LIBERMAN, V. B.

11F

CA

Change in the oxygen consumption, the pulse rate and the period of recovery in relation to the energy of the work done. V. B. Liberman, M. L. Rylova and B. S. Shapiro. *J. Physiol.* (U. S. S. R.) 25, 21 35(1939); *Chem. Zentr.* 1939, I, 4811.—The curve of the functional relationship between the period of recovery and the work done differs sharply from the corresponding curves for O_2 consumption and pulse rate. M. G. Mayne

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



LIBERMAN, V.B.

CA

11F

The effect of lung ventilation on gaseous exchange in the quiescent state. V. B. Liberman, R. P. Ol'nyanskaya, A. D. Slonim and V. N. Gus'kova. *Arch. sci. biol.* (U. S. S. R.) **55**, No. 2, 32–43(in English; 43)(1939).—The amt. of O uptake per l. of excessive ventilation during voluntary hyperventilation varies from 3.3 to 11.3 cc. depending upon the amt. of hyperventilation and rhythm. The max. is obtained at 16 l. and 5 inhalations/min. The ratio of exhaled CO_2 to O consumption showed wide variations, but no regularities were noted. In involuntary hyperventilation (inclusion of a tube in front of the respiratory valve) this ratio remained const. at various hyperventilation values while the O consumption per l. of excessive ventilation decreased slightly. S. A. K.

A56-31A METALLURGICAL LITERATURE CLASSIFICATION

LIBERMAN,V.B.; TRUBITSYNA,G.A.

Interaction of the signal systems during muscular activity. Opyt izuch.reg.fiziol.funk. no.3:259-273 '54. (MLRA 8:12)

1. Laboratoriya ekologicheskoy fiziologii Instituta fiziologii imeni I.P.Pavlova Akademii nauk SSSR.
(NERVOUS SYSTEM) (FATIGUE) (EXERCISE)

LIBERMAN,V.B.; MAKAROVA,A.R.; SMIRNOV,K.M.; TRUBITSYNA,G.A.

Gas exchange during restoration following brief but very intensive physical exercise. Opyt izuch.reg.fiziol.funk. no.3:311-322 '54. (MIRA 8:12)

1. Laboratoriya ekologicheskoy fiziologii Instituta fiziologii imeni I.P.Pavlova Akademii nauk SSSR i Leningrasskii nauchno-issledovatel' skiy institut fizicheskoy kul'tury
(RESPIRATION) (EXERCISE)

LIBERMAN, V.B.

Materials on the physiology of Sechenov's method of increasing work capacity. Trudy Inst. fiziol. 7:203-210 '58. (MIRA 12:3)

1. Laboratoriya ekologicheskoy fiziologii (zav. - A.D. Slonim). Instituta fiziologii im. I.P. Pavlova AN SSSR.
(WORK)

LIBERMAN, V.B.

Reflex regulation of working capacity [with summary in English]. Biul.eksp.biol. i med. 45 no.1:18-23 Ja '58. (MIRA 11:4)

1. Iz laboratorii ekologicheskoy fiziologii (zav. - doktor meditsinskikh nauk prof. A.D.Slonim) Instituta fiziologii imeni I.P.Pavlova AN SSSR, Leningrad. Predstavlena akademikom K.M.Bykovym.
(WORK, physiology,
reflex regulation (Rus))
(REFLEX,
regulation of work (Rus))

IBAN'YEV, F.F., inzh.; LIBERMAN, V.B., inzh.; ORESHKIN, V.I., inzh.; CHICHKIN, A.F., inzh.

Using the EV80-3 electronic computer for plotting monthly schedules. Mekh.i avtom.proizv. 17 no.9:35-37 S '63. (MIRA 16:10)

LIBERMAN, V.B.

Using the EVSO-3 electronic computer in calculating the loading of equipment. Vest.mashinostr. 43 no.11:83-86 N '63. (MIRA 17:2)

LIBERMAN, V.B.

Using punched-card calculating machines in determining the volume of unfinished production. Mashinostroitel' no.2:30-31 F '64. (MIRA 17:3)

KLIMENKO, B.K., inzh.; LIBERMAN, V.B., inzh.

Mechanization of the calculation of production capacity and equipment loading. Mekh. i avtom.proizv. 19 no.2:45-47 F '65.
(MIRA 18:3)

IBAN'YES, F.F.; LIBERMAN, V.B.; LARIONOV, A.I.

Mechanization of operational accounting in metal-cutting tool production. Stan. i instr. 36 no.11:6-9 N '65.
(MIRA 18:11)

LIBERMAN, V.B., kand. ekon. nauk

Information and computation center of a machinery plant.
Mashinostroitel' no.12:30-32 D '65. (MIRA 18:12)

AL'PEROVICH, A.M., inzh; GORDON, B.L., inzh.; LIBERMAN, V.B., kand. ekon. nauk.

Using computers in planning and controlling the consumption of materials. Vest. mashinostr. 45 no. 12:71-73 D '65 (MIRA 19:1)

L 27643-66

ACC NR: AP6018515 SOURCE CODE: UR/0239/65/051/007/0863/0866

AUTHOR: Khavkina, N. N.; Liberman, V. B.

ORG: Institute of Physiology im. A. A. Ukhtomskiy, Leningrad (Fiziologicheskiy institut)

TITLE: Effect of proprioceptive stimulation on human muscle activity (on the basis of electromyographic studies)

SOURCE: Fiziologicheskiy zhurnal SSSR, v. 51, no. 7, 1965, 863-866

TOPIC TAGS: muscle physiology, myology, man

ABSTRACT: Electromyographic studies of muscle activity were conducted on students 20-23 years of age. The subjects carried out work with the right arm, lifting a weight of 4-5 kg, until the arm tired. The effort made by the right arm was then enhanced either by proprioceptive stimulation which consisted of work done with the left arm or by applying will power. The first method was more effective. Stimulation by will power was not only less effective, but less efficient from the standpoint of energy use, because the electrical activity was increased. Orig. art. has 2 figures. [JPRS]

SUB CODE: 06/ SUBM DATE: 18Apr63 / ORIG REF: 003 /

Card 1/1 UDC: 612.743+612.812

L 04884-67 EWT(d)/EWP(c)/EWP(v)/EWP(k)/EWP(h)/EWP(l)

ACC NR: AP6014393 SOURCE CODE: UR/0117/65/000/012/0030/0032

AUTHOR: Liberman, V. B. (Candidate of economics)

ORG: none

33

B

TITLE: The information computing center of a machine-building plant

SOURCE: Mashinostroitel', no. 12, 1965, 30-32

TOPIC TAGS: computer center, industrial plant

ABSTRACT: The composition, operation, and purposes of the information computing center (ICC) of a machine-building plant are discussed. Such a center includes various types of electronic computers, key-punch units, and other information collection, processing, and retrieval machinery, and constitutes a specialized branch of the plant or factory designed to handle the centralized mechanical processing of the scientific, technological, production, and economic data required for production control. A table is given showing the classification of production control activities which can be successfully carried out in an ICC with the use of electronic computers and perforation machines. Depending on the volume of information to be processed, it was determined that all machine-building enterprises can be broken down into

Card 1/2

UDC: 621:681.142.71

L 04884-67
ACC NR: AP6014393

three main categories, requiring in each case the use of a computer and data-processing system of the proper handling capacity. The principal tasks which lend themselves to solution at the ICC include long-range production mechanization and automation planning, study and dissemination of experience in the use of computers for industrial monitoring, and the acquisition and processing of technical-economic information for subsequent transmission to a branch computer and information-storage agency. A typical organizational table of an ICC is presented. Orig. art. has: 2 tables.

SUB CODE: 05,09/ SUBM DATE: none

Card 2/2

GUMELYA, Anton Nikolayevich; RUVINSKIY, Zinoviy Lazarevich; LIBERMAN, V.G., otvetstvennyy redaktor; DOBRYNINA, A.Ya., redaktor; SUSHKEVICH, V.I., tekhnicheskiy redaktor

[Preparation of reinforced concrete supports and attachments in building yards] Izgotovlenie zhelezobetonnykh opor i pristavok na poligonakh. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 48 p. (MLRA 10:3)
(Precast concrete)

NESVIZHSKIY, O.A.; LIBERMAN, V.I.

Use of automatic welding under flux in building of rotary kiln shells. TSement 24 no.1:23-24 Ja-Fe '58. (MIRA 11:4)

1.Pavshinskiy mekhanicheskiy zavod.
(Electric welding) (Kilns, Rotary)

BERKOVICH, Ye.S.; NESVIZHSKIY, O.A.; KRAPOSHINA, L.B.; LIBERMAN, V.I.; KARSANOVA, A.V.; LAKSHIN, S.V.

Determining relative wear resistance of deposits built-up by the T-590 electrode with various coating on the laboratory testing machine "rotating bowl." Tren.i izn.mash. no.15:31-46 '62. (MIRA 15:4)

(Metals—Testing)

TRESHCHALIN, V.N., tekhnik; LIBERMAN, V.I., tekhnik; LAKSHIN, S.V.

Compressed air blending and conveying of charges for electrode coverings. Svar. proizv. no.8:25-26 Ag '62. (MIRA 15:11)

1. Pavshinskiy mekhanicheskiy zavod.
(Electrodes) (Pneumatic machinery)

TUKUMTSEV, B.G.; LIBERMAN, V.L.

Brigade method for servicing electric interlocking equipment in the Kuybyshev railroad district. Avtom., telem. i sviaz' 8 no.12: 16-20 D '64. (MIRA 18:1)

1. Nachal'nik Kuybyshevskoy distantsii signalizatsii i svyazi (for Tukumtsev). 2. Glavnyy inzh. Kuybyshevskoy distantsii signalizatsii i svyazi (for Liberman).

LIBERMAN, V.L.; IVANOV, M.I.

Brigade method for servicing electric interlocking devices. Avtom., telem. i sviaz' 5 no.4:36-37 Ap '61. (MIRA 14:6)

1. Glavnyy inzhener 4-y Kuybyshevskoy distantsii signalizatsii i svyazi (for Liberman). 2. Zamestitel' nachal'nika otdela signalizatsii i svyazi Kuybyshevskogo otdeleniya dorogi (for Ivanov).
(Railroads--Signaling--Interlocking systems)

LOZOVOY, P.I., inzh. (g.Novocherkassk); LIBERMAN, V.L., inzh. (g.Novocherkassk)

Standardization of diesel and electric locomotive units. Zhel.dor.transp. 43 no.8:51-52 Ag '61. (MIRA 14:8)
(Locomotives--Design and construction)

LIBERMAN, V.V., inzh.

Mechanizing calculations for schedule planning at the Ordzhonikidze Machine-Tool Plant. Mekh.i avtom.proizv. 15 no.11:50-55 N '61. (MIRA 14:11)

(Moscow--Machine-Tool Industry--Management)

LIBERMAN, Ya., inzh.

Repair shops for every section. Zhil.-kom. khoz. 12 no.4:21 Ap '62. (MIRA 15:7)

1. Domoupravleniye No.64 Proletarskogo rayona, Riga.
(Riga--Apartment houses--Maintenance and repair)

LIBERMAN, Ya.

State budget of the U.S.S.R. in the system of the economic categories of socialism. Vop. ekon. no.10:38-46 O '62.
(MIRA 15:11)

(Budget)

ALLAKHVERDYAN, D.; LIBERMAN, Ya.

Important financial lever. Vop. ekon. no.1:140-143
Ja '64. (MIRA 17:3)

LIBERMAN, Ya., gvardii inzh.-mayor

Quicker preparation of storage batteries. Av.i kosm. 46 no.2:84 F '64. (MIRA 17:3)

ACCESSION NR: AP4045323 S/0209/64/000/006/0091/0091

AUTHOR: Liberman, Ya.(Engineer major of guard)

TITLE: Improved IP control panel

SOURCE: Aviatsiya i kosmonavtika, no. 6, 1964, 91

TOPIC TAGS: flight instruction, trainer, control panel, failure simulation, training aircraft, instrument panel

ABSTRACT: The author discusses certain technical modifications that have been made in the control panel (an electrical diagram of the panel is given) in order to prevent the incorrect connection of pilot instruments in training aircraft having type IP failure simulation devices. The modifications which have been made have the effect of permitting the pilot sitting in the second seat (behind the instructor) to determine whether the aneroid-membrane instruments and the gyrohorizon in the first cabin have been disconnected - something which is claimed to be of great importance to the instructor. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: AC

Card 1/1 NO REF SOV: 000 OTHER: 000

FAYNBERG, A.I.; REZNIK, A.I.; SOLOMIN, V.V.; LIBERMAN, Ya.A.; ALEKSEYEV, S.A.; VASSERMAN, S.Z.; BORISOVSKIY, S.P., red.; ALTUF'YEVA, A.M., red. izd-va; KONYASHINA, A.D., tekhn.red.

[Drawing up plans for housing and municipal services] Metodika sostavleniia plana zhilishchno-kommunal'nogo khoziaistva. Pod red. S.P.Borisovskogo. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1957. 408 p. (MIRA 11:3)

(Housing) (Municipal services)

LIBERMAN, Ya.A.

In one of the apartment house offices in Riga. Zhil.-kom. khoz. 8 no. 7:20-21 '58. (MIRA 11:8)

1. Upravlyayushchiy domami, Domoupravleniye No. 569, Proletarskiy rayon, Riga.
(Riga--Apartment houses)

EWP(q)/EWT(m)/BDS--AFFTC/ASD--JD/JG
L 11203-63
ACCESSION NR: AP3000490 S/0129/63/000/005/0049/0054 51

AUTHOR: Bernshteyn, M. L.; Demina, E. L.; Liberman, Ye. E.; Chernukha, L. G. 56

TITLE: Polygonization in molybdenum and its alloys. 27

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 5, 1963 49-54

TOPIC TAGS: polygonization in molybdenum, zirconium, titanium

ABSTRACT: Authors made tests on molybdenum which was obtained by powder metallurg method, on cast molybdenum, on cast molybdenum alloys with admixtures of zirconium titanium as well as cast molybdenum alloys with simultaneous admixtures of zirconium and titanium. For selection of recrystallization conditions, the samples were heated to 1250, 1300, 1400, 1500 and 1600 degrees with holding at 5, 10, 15, 20 and 30 minutes. The microstructures were studied and optimum annealing conditions were established. In addition, treatment conditions were established which produced the most developed polygonized structure in the molybdenum and its alloys. Microstructure testing was done by subjecting the samples to deformation, deformation and annealing at 1000-1600 degrees, and, finally, after deformation and double annealing at polygonization and higher temperatures. The changes in the structure of molybdenum and its alloys were also studied in relation to

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L 11203-63
ACCESSION NR: AP3000490

holding period at optimum treatment conditions. Authors conclude that polygonization raises the temperature of subsequent recrystallization which is important for employing molybdenum and its alloys at elevated temperatures. As a result of development of polygonization in the tested materials, an increase of resistance to small plastic deformations occurs. Orig. art. has: 6 figures.

ASSOCIATION: Moskovskiy institut stali i splavov (Moscow Institute for Steels and Alloys)

SUBMITTED: 00	DATE ACQD: 03Jun63	ENCL: 00
SUB CODE: 00	NO REF SOV: 000	OTHER: 000

Card 2/2

LIBERMAN, Yefim Arsent'yevich, kand. fiz.-matem. nauk; NIKOLAYEV, V.R., red.

["Generators" and "pumps" of a cell] "Generatory" i "nasosy" kletki. Moskva, Izd-vo "Znanie," 1965. 61 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia: Biologiia i meditsina, no.5) (MIRA 18:4)

LIBERMAN, Ye.A.; CHAYLAKHYAN, L.M.

Reply to "Some critical notes on E.A.Liberman and L.M.Chailakhian's article on the phase theory of bioelectric phenomena." TSitologiia 7 no.2:226-227 Mr-Ap '65. (MIRA 18:7)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

LIBERMAN, Ye.A.

Possible role of membrane deformation subject to the action of electric forces in the mechanism of excitation. Biofizika 10 no.2:354-356 '65.
(MIRA 18:7)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

LIBERMAN, Ye.A.; STREL'TSOVA, N.I.

Certain peculiarities of pupillary component of orientation reaction in man. Zh. vysshei nerv. deiat. 2 no. 6:886-893 Nov-Dec 1952. (CLML 24:1)

1. Department of Psychiatry of Khar'kov Medical Institute and of the Ukrainian Psychoneurological Institute.

LIBERMAN, YE. A.

USSR/Nuclear Physics - Installations and Instruments. C-2
Methods of Measurement and Research.

Abs Jour : Referat Zhur - Fizika, No 4, 1957, 8576

Author : Liberman, Ye.A.
Inst : Institute of Biological Physics, Academy of Sciences, USSR, Moscow.
Title : Calibration of Luminescent and Certain Other Dosimeters In Rads.

Orig Pub : Biofizika, 1956, 1, No 6, 575-579.

Abstract : The calibration of a luminescent dosimeter with scintillating plastic in rads was carried out by placing plastic on a P_{32} compound of known activity. A method is developed for determining the distribution of the dose intensity in depth, based on the measurement of the difference in the instrument readings as it is immersed in the medium. The author estimates the accuracy of the measurement to be ± 10%.

Card 1/1

LIBERMAN, Ya.A.

Determination of the portion obtained by various tissues following the administration of radioactive phosphorus. Vest.rent. i rad. 31 no.57-64 N-D '56. (MLRA 10:2)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta rentgenologii i radiologii imeni V. M. Molotova (dir. - dotsent I. G. Lagunova)
(PHOSPHORUS, radioactive
determ. of dosage obtained by various tissues after infusion)

LIBERMAN, E.A., PASYNKOV, I.E.

"Methods for Controlling Irradiation by Radium and Radioactive Substances Near Apparatus Used in Radiotherapy Divisions". p. 140

Trudy Vsesoyuznoy Konferentsii po Meditsinskoy Radiologii (Voprosy Gigiyeny i Dozimetrii) Medgiz, 1957, Moscow Russian, oki

Proceedings of the All-Union Conference on Medical Radiology (Hygienic and Dosimetric Problems).

USSR/Human and Animal Physiology. The Sensory Organs T-13

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65765

Author : Liberman Ye.A.
Inst :
Title : The Nature of the Information Reaching the Brain from the Two Receptors in the Frog Retina via a Single Nerve Fiber

Orig Pub : Biofizika, 1957, 2, No 4, 427-430

Abstract : By means of extracellular microelectrodes, a study was made of the distribution in time (the rhythm) of nervous impulses generated by a single ganglion cell of the frog retina in response to illumination with blue and red lights of different intensity. A distinct difference in rhythm was detected in the ganglion cells, which sen volleys of nervous impulses only when the light is turned on ("on-fibers"). The response of the "on-fibers" to turning on the blue light was more prolonged than that seen when the red light was turned on, and this difference can not be attricuted to intensity

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LIBERMAN, Ye.A.

Dosimeter for measuring dosage of B-radiation from a flat source. Vest.rent. i rad. 32 no.6:61-66 N-D '57. (MIRA 11:3)

1. Iz Instituta rentgenologii i radiologii (dir.-dots. I.G. Lagunova)
(RADIATION COUNTERS
dosimeter for B-radiations from a flat source (Rus)

21(8) PHASE I BOOK EXPLOITATION SOV/1691

Liberman, Yefim Arsent'yevich

Dozimetriya radioaktivnykh izotopov (Dosimetry of Radioactive Isotopes) Moscow, Medgiz, 1958. 186 p. 7,000 copies printed.

Ed.: U.Ya. Margulis; Tech Ed.: N.A. Bul'dyayev

PURPOSE: This book is intended for engineers, technicians, "dosimetrists", physicians and medical personnel engaged in radiology and roentgenology.

COVERAGE: Methods of measuring and calculating the basic dosimetric characteristics of alpha-, beta- and gamma-radiation of radioactive isotopes are described. These characteristics include absorption dosage (rads), dosage (roentgens), dosage intensity, absorption dosage integral and the linear density of absorbed energy. Supplement 2 lists the basic dosimetric devices in the USSR and their operating characteristics. The author expresses his thanks to

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A.N. Kronganz who read the manuscript and offered valuable suggestions. There are 54 references of which 28 are Soviet, 23 English, and 3 German.

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