

YELFIMOV, V.P.; MATVEYUK, V.K.

Bacterial dissemination in the auditorium of a motion-picture
theater. Lab. delo 7 no.3:42-43 Mr '61. (MIRA 14:3)
(~~MO'ION-PICTURE THEATERS~~—BACTERIOLOGY)

MATVEYUK, V.K.

Improvement of the water culture method for bacteriological study.
Lab. delo 7 no. 11:55-56 N '61. (MIRA 14:10)
(BACTERIOLOGY---APPARATUS AND SUPPLIES)

MATVIYCHUK, M.F.

Origin of revolutionary democratic journalism. Dep. AN URSR
no.3:409-412 '60. (MIRA 13:7)
(Journalism, Socialist)

MATVIYCHUK M.M.
MATVIYCHUK, M.M. [Matviichuk, M.M.]; REMEZOVSKIY, I.D. [Remezovs'kiy, I.D.],
acts., red.

[Measures taken by the Communist Party of the Soviet Union to carry
into effect the party policy for the development of heavy industry]
Zakhody KPSS po provedeniiu v shuttia general'noi linii partii na
perezvazhnyi rozvytok vashkol promyslovosti. [Kyiv.] Vyd-vo Kyivs'-
koho derzh.univ. im. T.H.Shevchenka, 1957. 21 p. (MIRA 11:3)
(Russia--Industries)

MATVIYCHUK, M.M., kand.1st.nauk

Growing labor activity of workers as a result of the achievements
of the Great October Revolution. Nauk.zap.Kyiv.un. 16 no.11:181-192
'57. (MIRA 11:4)

(Krivoy Rog--Labor productivity)

SOV/84-58-4-17/48

AUTHORS: ~~Matviyenko, A.~~, Candidate of Economic Sciences,
Suleymanov, M., Chief, Department of Economics and Planning,
Banadik, A., Engineer-Economist, and
Brykalov, V., Engineer (Kiyev)

TITLE: Advantages of Cooperation Between Repair Establishments
(Vygoily kooperirovaniya remontnykh predpriyatiy)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 4, p 18 (USSR)

ABSTRACT: The authors refer to the duplication and inadequate utilization of facilities and premises existing at the the Aircraft Repair Bases (ARB) and the Aircraft Maintenance Workshops (IERM) of the same airport. A redistribution of tools and equipment is advocated to reduce the IERM to pure maintenance work. The ARB, on the other hand, should take over all repair work. In connection with the introduction of new flying equipment, a merger of the IERM and the ARB into a single "technical base" is suggested for the future. Two diagrams accompany the text, showing the comparative utilization of premises and equipment in the IERM and ARB of the same airport.

Card 1/1

1. Aircraft--Maintenance 2. Airports--Organization

32(1)

SOV/84-59-9-47/66

AUTHOR: Matviyenko, A., Candidate of Economic Sciences, Chief Teacher, and Brykalov, V., Chief Engineer

TITLE: Once More on Aircraft Fueling

PERIODICAL: Grazhdanskaya aviatsiya, 1959, Nr 9, pp 28-29 (USSR)

ABSTRACT: The authors further the idea expressed by engineers P. Bogatyrev and Ye. Kukhterin (this periodical, 1958, Nr 11), who suggested to replace the existing mobile tanking facilities on airports by stationary fuel pipelines on the surface or underground, from fuel storage tanks to mobile or stationary tanking racks at the fueling area. The capacities of available standard mobile fueling facilities have become inadequate to serve heavy modern airliners. It would take about 1 1/2 hours for a T2-16 tank truck to refuel one Tu-114 aircraft, time for own refueling and travel excluded. Huge tank trucks, like the English 45,600-liter Thompson ✓

Card 1/2

SOV/84-59-9-47/66

Once More on Aircraft Fueling

VR, are too expensive, cumbersome and, while on the airfield, constitute obstructions. The best solution for Soviet civil aviation is to employ a system of underground fuel pipelines. On the whole, it is two times cheaper than the mobile fueling facilities and has a six times longer service life time. The pipeline can be laid simultaneously with the laying of water lines, electric cables, etc. Mobile fueling facilities may be used only where airliners stand idle for longer than 4 hours, for maintenance and ground servicing, which, however, is not likely to take place now that Aeroflot endeavors to reduce such idling of aircraft. The first step is already made: aircraft fueling from stationary installation is already done on one airport of the Kazakhskoye upravleniye GVF (Kazakhskoye administration of the GVF.) It is time to stop talking and start getting things done. ASSOCIATION: Kiyevskiy institut GVF (Kiyev Institute of the GVF) (Matviyenko).

Card 2/2

MATVIYENKO, A., kand.ekonom.nauk (Kiyev); KULIK, V., inzh. (Kiyev)

Improve the accounting for labor productivity. Grazhd.av.
18 no.7:14, J1 '61. (MIRA 14:8)
(Airplanes--Maintenance and repair)

MATVIYENKO, A.A., inzhener.

**Vibration drilling of wells in soft rocks. Mekh.trud.rab.10 no.11:28-
29 N '56. (MIRA 10:1)**

(Boring)

MATVIYENKO, A.; GURIN, F.

Improve the design of drilling machines. Besop.truda v prom.
2 no.3:38 Nr '58. (MIRA 11:7)

1. Glavnny inshener tresta Ukrvzryvprom (for Matviyenko). 2.Glavnny
mekhanik tresta Ukrvzryvprom (for Gurin).
(Boring machinery)

MATVIYENKO, A.A.

127-58-5-10/30

AUTHOR: Matviyenko, A.A., Chief Engineer of the "Ukrvzryvprom"

TITLE: Derricks With "Sunk" Drilling Machines for Open Mining (Burovyye stanki s pogruchnym perforatorom dlya otkrytykh rabot). In Open Pits for Construction Materials (Na kar'yerakh stroitel'nykh materialov)

PERIODICAL: Gornyy Zhurnal, 1958, Nr 5, p 32 (USSR)

ABSTRACT: The lack of highly-efficient drilling machines for open mining, forced specialists of the mining industry to re-construct machines designed for underground conditions, for the drilling of bore holes in open pits. One of these attempts is a re-adjustment of the BMK-2b drilling machine, performed by Chief Mechanic of the Ukrvzryvprom, F.V. Gurin. It can drill 5 to 6 m per shift of 106-mm shot-holes, up to 20 m deep, in rocks of 10 hardness coefficient (by Professor Protod'yakonov's scale). Over 1,400 m of shot-holes have been drilled thus far by the machine. Its efficiency is better than that of the percussion-cable drilling machine, since it is operated by only one worker. However, the problem of drilling bore holes in open pits

Card 1/2

127-58-5-10/30

Derricks With "Sunk" Drilling Machines for Open Mining. In Open Pits for
Construction Materials

is not yet solved. It is necessary to assign a specialized
plant to the designing and manufacturing of such highly-
efficient drilling machines for open pits.
There is one figure.

ASSOCIATION: Ukrvzryvprom

AVAILABLE: Library of Congress

Card 2/2 1. Drilling machines-Design

MATVIYENKO, A.A., insh.

Jib-crane attachment to a percussive cable drilling machine.
Bezop.truda v prom. 3 no.9:31 S '59. (MIRA 13:2)

1. Upravleniye Ukrvzryvprom.
(Boring machinery--Attachments)

MATVIYENKO, A.

Using electric megaphones in blasting. Bezop. truda v prom. 3
no.11:25-26 N '59. (MIRA 13:3)

1.Glavnyy inzhener Ukrvzryvproma.
(Blasting--Safety measures)

MATVIYENKO, A.D.; MIKHAYLOV, V.I., inzh; MIKHEYEV, I.I., inzh.

Surface air leakages in mines and their causes. Bezop.truda v prom.
5 no.6:5-6 Ju '61. (MIRA 14:6)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury
USSR (for Matviyenko).
(Mine ventilation)

LESECHENKO, V.Ye.; MATVIYENKO, A.I.

Formation of screened and bounded lithologic oil and gas pools. Geol.
nefti i gaza 9 no.9:40-43 S '62. (MIRA 16:2)
(Petroleum geology)

LESHCHENKO, V.Ye.; MATVIYENKO, A.I.

Regularities in the change of the properties of petroleum in
Devonian sediments in the area of the southeastern Timan Ridge.
Neftegaz. geol. i geofiz. no.10:36-38 '63. (MIRA 17:9)

1. Voyvozhneftegazrazvedka.

FROLOV, N.S.; FRENKEL', F.Z.; MATVIYENKO, A.K.

Automatic hydraulic dust control in loading rock with the PML-5
loader. Sbor.srach.trud.Kriv.fil.IGD AN URSR no.1:23-25 '62.
(MIRA 16:4)

(Mine dusts--Prevention)
(Loading and unloading--Equipment and supplies)

NEYKOV, O.D.; MATVIYENKO, A.K.

Selection of the design of a cloth filter for mines. Sbor.nauch.
trud.Kriv.fil.IGD AN URSR no.1:128-136 '62. (MIRA 16:4)
(Dust collectors)

MATYKO, N.M.[Matiko, N.M.]; MATYKO, A.M.[Matiko, O.M.]; RODZEVICH,
N.S.[Rodzevych, N.S.]; GHATYUK, G.M. [Hnatiuk, H.M.];
MATVIYENKO, A.M. [Matvilenko, A.M.]; VASILENKO, A.O.
[Vasylenko, A.O.], doktor tekhn. nauk, akademik, red.;
RODZEVICH, N.S.[Rodzevych, N.S.], kend. filolog. nauk, red.;
MATYKO, M.M.[Matiko, M.M.], red.; DENISENKO, L.P.
[Derysenko, L.P.], red.izd-va; SHAFETA, S.M., tekhn. red.

[Russian Ukrainian technical dictionary] Russko-ukrainskii
tekhnicheskii slovar'. Sost. N.M.Matiko i dr. 80 000 ter-
minov. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 648 p.
(MIRA 15:2)

1. Akademiya nauk URSS, Kiev. Instytut moveznavstva. 2. Akade-
miya nauk USSR (for Vasilenko).
(Technology--Dictionaries)
(Russian language--Dictionaries--Ukrainian)

MATVIYENKO, A. M.

23089 O novom vide reda "Mallemonopsis Matv." Botan. Materialy otd.
Sporovykh rasteniy botan. In-ta im. Komarova, T. VI, vyp. 1-6, 1949,
C. 17-21.

SO; LETOPIS' NO' 31, 1949

MATVIYENOKO, A. M.

23097 O novoy khrizomonade iz okrestnostey khar'kova. Botan. Materialy otb.
Sporovykh rasteniy botan. In-ta im. Komarova, T. VI, vyp. 1-6, 1949,
C. 21-25.

SO: LETOPIS' NO. 31, 1949

1. MATVYENKO, A.M.
2. USSR (600)
4. Flagellata - Kharkov
7. Chrysomonadina in the vicinity of the city of Kharkov, Bot.mat.Otd.spor.rast. 8, 1952.

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

MATVIYENKO, A.M.; GOLIKERBAKH, M.M., redaktor; GUBER, A., tekhnicheskiy
redaktor

[Chrysophyta] Zolotistye vodorosli. Moskva, Gos. izd-vo "Sovetskaya
nauka," 1954. 187 p. (Opredelitel' presnovodnykh vodoroslei SSSR,
no. 3) (MLRA 7:11)
(Algae)

MATVIYENKO, A.M.

GOLLERBAKH, M.M., professor; KOSINSKAYA, Y e.K.; POLYANSKY, V.I., professor; MATVIYENKO, A.M.; ZABELINA, M.M.; KISELEV, I.A.; PROSHKINA-LAVRENKO, A.T.; SHESHUKOVA, V.S.; POPOVA, T.G.; SAVICH, V.P., professor, zasluzhennyy deyatel's nauki RSFSR, redaktor; STREL'NIKOVA, L.I., tekhnicheskij redaktor; GRIBOVA, M.P., tekhnicheskij redaktor; GUBER, tekhnicheskij redaktor; KHROSH, A.I., tekhnicheskij redaktor; KOROLEVA, L.I., tekhnicheskij redaktor.

[Guide to the fresh-water algae of the U.S.S.R.; in 14 volumes]
Opredelitel' presnovodnykh vodoroslei SSSR; v chetyrnadtsati vypuskakh. Redaktsionnaya kollegiya: M.M. Gollerbakh, V.I. Polianskii, V.P. Savich (otv. redaktor) Moskva, Gos. izd-vo "Sovetskaya nauka." No. 2 [Blue-green algae] Sinezelenye vodorosli. 1953. 651 p. no. 3 [Chrysoophyta] Zolotistye vodorosli, 1954. 187 p. No. 4 [Diatomaceae] Diatomovye vodorosli 1951. 618 p. No. 6 [Pyrrophyta] Pirofitovye vodorosli 1954. 211 p. No. 7 [Euglenophyta] Evglenovye vodorosli 1955. 282 p.
(Algae) (MLRA 8:9)

MATVIYENKO, A. M.

New species of the genus *Pedinopera* Pasch. Bot. mat. Otd. spor.
rast. 11:98-103 Ja '56. (MLBA 9:11)

1. Kafedra nizshikh rasteniy Khar'kovskogo gosudarstvennogo
universiteta.
(Kharkov Province--Algae)

14-57-7-15149
Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 7,
pp 151-152 (USSR)

AUTHOR: Matviyenko, A. M.

TITLE: ~~Algae in the Tributaries of the Molochnaya River~~
(Al'goflora pritokov reki Molochnoy)

PERIODICAL: Uch. zap. Khar'kovsk. un-t. 1956, Vol 67, pp 65-79

ABSTRACT: This study reports the results obtained by expeditions sent in July 1951 and May 1952 along the Molochnaya River tributaries, the Arabka, Yushanly, Krudychan, Tokmachka, and Changul. These are typical saline rivers of the steppes. The long summer drought changes them into a series of small stagnant pools of the pond type. Their dominant flora consists of diatomaceous water plants interspersed with saline forms. The tributaries Changul and Yushanly are richest in algae, the Arabka is poorest. A complete

Card 1/2

MATVIYENKO, A.M.

Soil algae in the environs of Kharkov [with summary in English].
Bot. zhur. 43 no.8:1108-1120 Ag '58. (MIRA 11:9)

1. Khar'kovskiy gosudarstvennyy universitet.
(Kharkov Province--Algae) (Soil micro-organisms)

MATVIYENKO, A.M., Doc Biol Sci — (diss) "Gold-colored ^{hydrophytes} seaweeds
of the USSR. (Excluding marine forms)." Len, 1959. 30 pp
(Acad Sci USSR. Botanical Institute in V.L. Komarov). 175 copies
(KL,40-59, 102)

16

DEDUSENKO-SHCHEGOLEVA, N.T., dotsent; MATVIYENKO, A.M., dotsent;
SHKORBATOV, L.A., dotsent; POLYANSKIY, V.I., prof., nauchnyy
red.; SAVICH, V.P., prof., zasluzhennyy deyatel' nauki BSPSR,
otv.red.; KRUGLIKOVA, N.A., tekhn.red.

[Guide to fresh-water algae of the U.S.S.R. in fourteen parts]
Opredelitel' presnovochnykh vodoroslei SSSR; v chetyrnadtsati
vypuskakh. Red.kollegiia M.M.Gollerbakh i dr. Moskva, Izd-vo
Akad.nauk SSSR, Pt.8.[Green algae; class Volvocineae] Zelenye
vodorosli; klass vol'voksovye. 1959. 229 p. (MIRA 12:11)

1. Sotrudniki Kafedry nizshikh rasteniy Khar'kovskogo gosudarstven-
nogo universiteta im. A.M.Gor'kogo (for Dedusenko-Shchegoleva;
Matviyenko, Shkorbatov). 2. Zaveduyushchiy Otdelom sporovykh
rasteniy Botanicheskogo instituta im. V.L.Komarova Akademii nauk
SSSR (for Savich).

(Algae)

MATVIYENKO, A.M. [Matvlienko, O.M]

Evolutionary paths and trends in the development of Chrysophyta.
Ukr. bot. zhur. 17 no.4:3-8 '60. (MIRA 13:9)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M.Gor'kogo.
(Algae)

MATVIYENKO, A.M. [Matvilenko, O.M.]

Sexual process in yellow-green algae (Chrysophyta). Ukr.bot.zhur.
19 no.1:45-51 '62. (MIRA 15:4)

1. Khar'kovskiy gosudarstvennyy universitet, kafedra nizshikh
rasteniy.

(Algae)

MATVIYENKO, Aleksandra Mikhaylovna [Matviienko, O.M.]; OKSNER, A.M.,
doktor biol. nauk, otv. red.

[Guide to the freshwater algae of the Ukrainian S.S.R.]
Vyznachnyk prasnovidnykh vodorostei Ukrain's'koi RSR. Kyiv,
Naukova dumka. Vol.3. Pt.1. 1965. 364 p.

(MIRA 18:3)

1. Akademiya nauk URSR, Kiev. Instytut botaniky.

MATVIYENKO, A.M.

Aleksandr Arkad'evich Korshikov; on the 75th anniversary of his
birth. Bot. zhur. 50 no.12:1772-1776 D '65. (MIRA 19:2)

1. Khar'kovskiy gosudarstvennyy universitet imeni Gor'kogo.

MATVIYENKO, B.A.

Matviyenko, B. A. "Obtaining an anto-anthrax serum by immunization with a lysate antigen," / Brief of a bachelor's dissertation / Trudy Alma-At. vet-zootekh. in-ta, Vol. V, 1948, p. 93-104

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

MATVIYENKO, B. A.

USSR / Microbiology. Microbes Pathogenic to man and animals. Bacteria. Bacteria of the Intestinal Group. F-5

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72163.

Author : ~~Matviyenko, B. A.~~
Inst : Alma-ata Zooveterinary Institute.
Title : Intra vitam Bacteriological Diagnosis of Paratyphoid in Calves.

Orig Pub : Tr. Alma-Atinsk. zoovet. in-ta, 1956, 9, 207-212.

Abstract: A virulent culture of Salmonella enteritidis Gartneri was injected parentorally into calves, rabbits, guinea pigs, mice, pigeons, turtles, lizards, frogs, toads and mosquito-fish. From all types of animals, in different periods after infection, a paratyphoid bacteria culture (from the feces and a series of organs, especially from the

Card 1/2

USSR / Microbiology. Microbes Pathogenic to Man and F-5
Animals. Bacteria. Bacteria of the Intestinal
Group.

Abs Jour: liver) was isolated with plantings in a bactoagar gel. Non-agglutinating strains were often isolated from amphibians and reptiles. -- method is proposed for intra vitam bacteriological diagnosis of paratyphoid in calves, including isolation of hemocultures (in the first 3-4 days of illness), coprological investigation (from the fifth day of illness and later, especially during the chronic period and in convalescence) and agglutination reaction. -- A. N. Shnoyerson.

Card 2/2

54

MATVIYENKO, B.A., dotsent

Producing live vaccines for controlling paratyphoid fever in calves.
Trudy AZVI 9:213-217 '56. (MIRA 15:4)

1. Iz kafedry mikrobiologii (zav. kafedroy - chlen-korrespondent
AN KazSSR, doktor prof. P.A.Bulanov) Alma-Atinskogo zooveterinarnogo
instituta.

(Paratyphoid fever) (Vaccines) (Calves--Diseases)

MATVIYENKO, B.A., dots.

Some results of investigations of the attenuation of *Salmonella enteritidis* Gartneri. Trudy AZVI 10:396-404 '57,

(MIRA 12:8)

1. Iz kafedry mikrobiologii (zav.kafedroy - chlen-korrespondent AN KazSSR, doktor prof. P.A.Bulanov) Alma-Atinskogo zoovet-instituta.

(*Salmonella enteritidis*)

MATVIYENKO, B.A., dots.

Experimental data on cutaneous and intracutaneous vaccination
with an attenuated culture of Salmonella enteritis Gartneri.
Trudy AZVI 10:405-408 '57. (MIRA 12:8)

1. Iz kafedry mikrobiologii (zav.kafedroy - chlen-korrespondent
AN KazSSR, doktor prof. P.A.Bulanov) Alma-Atinskogo zoovet-
instituta.

(Salmonella enteritidis) (Vaccination)

MATVIYENKO, B.A.

Immunization of calves with paratyphoid strain 17 experimentally and in practice. Trudy AZVI 10:409-421 '57. (MIHA 12:8)

1. Iz kafedry mikrobiologii (zav.kafedroy - chlen-korrespondent AN KazSSR, doktor prof. P.A.Bulanov) Alma Atinskogo sovetskogo instituta.

(Salmonella paratyphi) (Vaccination)

MATVIYENKO, B.A., Doc Biol Sci ~~—~~(diss) "Attenuation of paratyphoid Getner bacteria. (Immunological and pathomorphological ^{foundation} ~~substantiation~~ ^{administration} ~~base~~ for the manufacture and ~~use~~ of live vaccines." Alma-Ata, 1959. 20 pp (Min of Agr USSR. Alma-Ata Zoo-Vet Inst), 160 copies (KL, 29-59, 126)

- 17 -

MATVIYENKO, E.A., doktor biolog. nauk; RUDENKO, T.P., aspirant

Sensitivity of Escherichia coli of various serotypes to
antibiotics. Veterinariia 41 no.1:22-24 Ja '64.

(MIRA 17:3)

1. Alma-Atinskiy zooveterinarnyy institut.

MATVIYENKO, B.A., prof.; TOLYSBAYEV, B., assistant

Effect of *Sarcina lutea* preparations on the micro-organisms and animals. Veterinaria 42 no.5:42-44 My '65. (MIRA 18:6)

1. Alma-Atinskiy zooveterinarnyy institut.

GARYAZHA, V.T.; SAGAN', I.I.; MATVIYENKO, B.A.; STEPCHUK, I.D.

Experimental study of heat transfer in the evaporation of
alkali wastes. Trudy KTIPP no.25:65-68 '62. (MIRA 16:5)
(Evaporating appliances) (Heat--Transmission)

SYTSKO, P.A.; TITOV, S.A.; KOSTITSKIY, I.V.; KUCHERENKO, V.S.; MATVIYENKO, B.N.

Beginning made by the Orsha track workers. Put' i put. khoz. no.9:
5-8 S '58. (MIRA 11:9)

1. Nachal'nik otdeleniya dorogi st. Orsha (for Sytsko).
 2. Nachal'nik distantzii puti st. Orsha (for Titov).
 3. Nachal'nik vagonnogo uchastka st. Orsha (for Kostitskiy).
 4. Nachal'nik parovoznogo depo st. Orsha (for Kucherenko).
 5. Nachal'nik energeticheskogo otdela st. Orsha (for Matviyenko).
- (Orsha--Railroads--Track)

MATVIYENKO, Bronislava Stepanovna; KLEBANOV, Georgiy Grigor'yevich;
DUBAVIK, P., red.; DOMOVSKAYA, G., tekhn. red.

[In step with life] V nogu s zhizn'iu. Minsk, Gos.izd-vo
BSSR. Red. masovo-polit.lit-ry, 1961. 17 p. (MIRA 15:1)
(Collective farms)

USSR / Farm Animals Domestic Fowl,

Q-7

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7232.

Author : F. Matviyenko,

Inst : ~~Not given~~

Title : Prospective Development of Poultry Farming in
the Tyumenskaya Oblast.

Orig Pub: S. Kh. Sibiri, 1957, No 6, 57-59.

Abstract: No abstract.

Card 1/1

28

MATVIYENKO, F. M.

MATVIYENKO, F. M.= "The morphological characteristics of the skeleton of certain new varieties of sheep as compared with the starting forms." Acad Sci Kazakh SSR. Inst of Experimental Biology. Laboratory of the Morphology of Agricultural Animals. Alma-Ata, 1956. (Dissertations for the Degree of Candidate in Biological Sciences).

SC: Knizhnaya Letopis' No. 22, 1956

MATVIYENKO, G.A.; ZALEVSKIY, M.A.

Improvement of air valves. Metallurg 8 no.2:11 F '63.
(MIRA 16:2)

1. Donetskiy metallurgicheskiy zavod.
(Blast furnaces--Equipment and supplies)

MATVIYENKO, G.F., inzh.

~~Apparatus~~ for drawing thin colored lines. Mekh. stroi. 20
no.10:24-25 0 '63. (MIRA 16:10)

MATVIYENKO, I.

Scraper self-feeder adapted for moving corn. Muk.-elev.prom. 23
no.4:25 Ap '57. (MIRA 10:5)

1. Alma-Altinskaya realizatsionnaya baza. Glavnogo upravleniya
zernovykh kul'tur.
(Conveying machinery)

MATVIYENKO, I., inzh.

Achievements of the staff of the Zerenda Grain Receiving Station, Muk-
elev.prom. 25 no.1:10 Ja '59. (MIRA 12:3)

1. Ministerstvo khleboproduktov Kazakhskoy SSR.
(Zerenda--Granaries--Equipment and supplies)

MATVIYENKO, I., inzh.

Grain conveying systems at drying and cleaning towers of grain procurement stations of Kazakhstan. Muk.-elev. prom. 25 no.10:18-19 0 '59. (MIRA 13:3)

1. Tekhnicheskoye upravleniye Ministerstva khleboproduktov Kazakhskoy SSR.

(Kazakhstan--Grain-handling machinery)

MATVIYENKO, I., inzh.; ZUBOV, A., inzh.

Suggestions for efficiency improvements at grain-procurement stations of Kazakhstan. Muk.-elev. prom. 25 no.11:15-18 N '59. (MIRA 13:3)

1. Ministerstvo khleboproduktov Kazahskoy SSR.
(Kazakhstan--Grain elevators)

MATVIYENKO, I. N.

USSR Human and Animal Physiology - Nervous System. 7-10
Vegetative Nervous System.

Abstr Jour : Ref Zhur - Biol., No 18, 1953, 64610

Author : Shchepinshvaya, Ye.V., Brind, A.I., Tschkova, A.M.,
Proskurnina, V.S., Matviyenko, I.N.

Inst :
Title : Cutaneous Vessel Reactions to Nicotinic Acid as a Study
Method of the Functional State of the Central Nervous
System.

Orig Pub : V sb.: Sovrem. vopr. Geriatrii., Kiev, Gosmedizdat USSR,
1957, 52-57.

Abstract : Five to 7 minutes after 0.2 g of nicotinic acid (1) were
taken by healthy persons, a moderately expressed and sym-
metrically distributed hyperemia appeared which was spread
throughout various areas of the organism in a certain way.
In patients with various skin diseases, 1 reactions differ-
red from those in healthy persons. The asymmetry of

Card 1/2

Abstr Jour : Ref Zhur - Biol., No 18, 1953, 64610

appearance and spread of hyperemia in patients differed
with data obtained by examining other vegetative functions.
In cases in which stimulative or inhibitory processes with-
in CNS (central nervous system) predominated, a more or
less intensive erythematous reaction to 1 was observed. --
I.A. Slavitskaya

SHCHEPKOVSKAYA, Ye.V., starshiy nauchnyy sotrudnik; BRIND, A.I., starshiy nauchnyy sotrudnik; TACHKOVA, A.M., nauchnyy sotrudnik; MATVIYENKO, I.M., nauchnyy sotrudnik; KUIZNEVA, M.P., nauchnyy sotrudnik

Some disorders of the nervous system in pemphigus and Duhring's dermatitis and their pathogenic and therapeutic roles. Vest. dermat. i ven. 33 no.2:3-6 Mr-Apr '59. (MIRA 12:7)

1. Iz Ukrainskogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. - dotsent B.A. Zadorozhnyy).

(NERVOUS SYSTEM, in var. dis.

dermatitis herpetiformis & pemphigus vulgaris, pathogen. & ther. aspects (Rus))

(DERMATITIS HERPETIFORMIS, physiol.

NS, pathogen. & ther. aspects (Rus))

(PEMPHIGUS, physio.
same)

MATVIYENKO, I. N., CAND MED SCI, ^{*Data for*} "~~MATERIAL ON~~ THE THERAPY
OF ADULT PRISONER PATIENTS." KHAR'KOV, 1960. (MIN OF HEALTH
UKSSR, KHAR'KOV STATE MED INST). (KL, 2-61, 218).

-266-

MATVIYENKO, I.N., mladshiy nauchnyy sotrudnik; Pri uchastii: MANOYLENKO
S.M., vrach

Experience in outpatient service for patients with various
pruritic dermatoses in a machine manufacturing plant. Vest.
derm.i ven. [35] no.2:70-73 P '61. (MIRA 14:3)

1. Iz kozhnogo otdela (zav. -- prof. Z.N. Grzhebin) Ukrainskogo
nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta
(dir. - dotsent A.I. Pyatikop).
(PRURITUS) (MEDICINE, INDUSTRIAL)

MATVIYENKO, L.A.; KOZOVSHCHIKOVA, M.A.

Activity of some thrombocyte factors in healthy persons.
Lab. delo no.10:607-610 '64. (MIRA 17:12)

1. TSitologicheskaya laboratoriya po izucheniyu leykozov
(rukovoditel' - prof. V.V. Akkerman) i laboratoriya po izucheniyu
svertyvaniyu krovi (rukovoditel' - chlen-korrespondent AMN SSSR
prof. A.I. Filatov) Leningradskogo instituta perelivaniya krovi
(direktor .. dotsent A.D. Belyakov).

MATVIYENKO, L.A.

Morphological and functional characteristics of thrombocytes
in leukemia; survey of the literature. Probl. gemat. i perel.
krovi 9 no.12:22-26 D '64 (MIRA 18:1)

1. TSitologicheskaya laboratoriya po izucheniyu leykozov (zav.-
prof. V.V. Akkerman) i gematologicheskaya klinika (zav. - prof.
S. I. Sherman) Leningradskogo instituta perelivaniya krovi
(direktor - dotsent A.D. Belyakov, nauchnyy rukovoditel' - chlen
korrespondent AMN SSSR prof, A.N. Filatov).

L 46039-66 EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AT6022714

SOURCE CODE: UR/2848/66/000/041/0281/0289

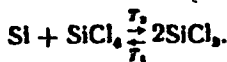
AUTHORS: Chechentsev, V. N.; Firsanova, L. A.; Zaytsev, V. N.; Matviyenko, L. F.ORG: Moscow Institute for Steel and Alloys, Department for Manufacture of Pure Metals and Semiconductor Materials (Moskovskiy institut stali i splavov, Kafedra proizvodstva chistykh metallov i poluprovodnikovyykh materialov)

TITLE: Obtaining high purity silicon by vacuum distillation for the lower chloride

SOURCE: Moscow. Institut stali i splavov. Sbornik, no. 41, 1966. Fizicheskaya khimiya metallurgicheskikh protsessov i sistem (Physical chemistry of metallurgical processes and systems), 281-289

TOPIC TAGS: silicon, silicon compound, vacuum distillation

ABSTRACT: The kinetics and thermodynamics of the silicon purification by vacuum distillation from SiCl_2 was studied. The standard free energy calculations for a number of reactions of SiCl_4 with various elements were carried out by the method of A. N. Krestovnikov i. dr. (Spravochnik po raschetam metallurgicheskikh reaktsiy, Metallurgizdat, 1963). The results of the calculations are presented graphically (see Fig. 1). These calculations showed the feasibility of obtaining high purity silicon according to the reaction

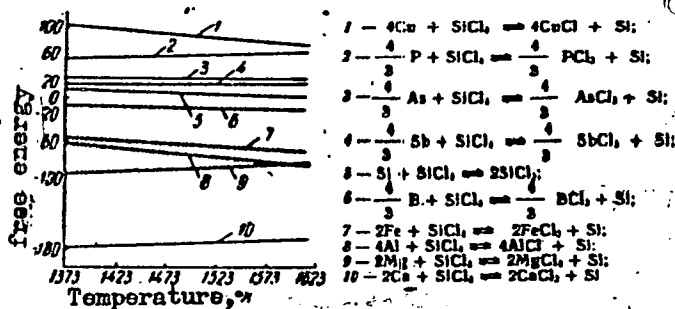


Card 1/3

L 46039-66

ACC NR: AT6022714

Fig. 1. Dependence of the free energy on the temperature for a number of reactions between SiCl_4 and different elements.



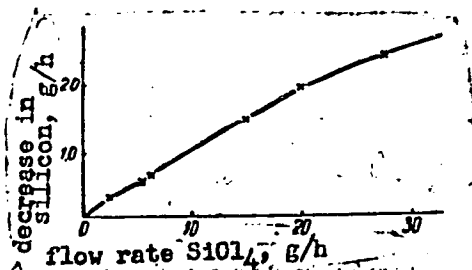
The above reaction was studied in vacuum over the temperature interval of 1150 to 1300C at an average working pressure of SiCl_4 of 0.2—0.4 atm. A schematic of the experimental installation is presented, and the experimental results are presented graphically (see Fig. 2). It was found that the optimum conditions for the purification of silicon by the above method are: reaction temperature - 1280C; rate of SiCl_4 flow - 20 g/hour; duration of process - 3 hours.

Cord 2/3

I. 46039-66

ACC NR: AT6022714

Fig. 2. Dependence of the amount of transported silicon on the rate of supply of SiCl_4 at 125°C.



Orig. art. has: 1 table, 3 graphs, and 1 equation.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 005

Card 3/3

MATVIYENKO, M.A.

Study of terrestrial algae of the Crimea and the Northern
Caucasus. Bot. zhur. 41 no.9:1360-1363 S '56. (MIRA 9:11)

1. Khar'kovskiy gosudarstvennyy universitet.
(Caucasus, Northern--Algae) (Crimea--Algae)

MATVIYENKO, M.G.

~~Case of~~ recurrent bicameral otogenous abscess in the right temporal lobe of the brain. Zhur. ush., nos. i gorl. bol. 23 no.4: 81-82 J1-Ag'63. (MIRA 16:10)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. - dotsent N.M. Arbuzov) Leninganskogo meditsinskogo instituta.
(EAR — DISEASES) (BRAIN — ABSCESS)

MATVIYENKO, M. M., Cand Tech Sci -- (diss) "Application of ground-level stereophotography to open-cut mines with transportless systems of exploitation." Khar'kov, 1960. 20 pp; (Ministry of Higher and Secondary Specialist Education Ukrainian SSR, Khar'kov Mining Inst); 150 copies; free; (KL, 25-60, 133)

ASTASHEV, Gennadiy Kuz'mich; TURGUNOV, Dadekhan Turgunovich; MATVIYENKO, Nikolay Andreyevich; TARASOV, Viktor Pavlovich; PONOMAREV, V.S., inzh., retsenzent; KISELEVA, N.P., inzh., red.; VOROTNIKOVA, L.F., tekhn. red.

[Eliminating the malfunctioning of the TGM3 diesel switching locomotive] Ustranenie neispravnostei manevrovogo teplovoza TGM3. Moskva, Vses.izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 45 p. (MIRA 15:2)
(Diesel locomotives—Maintenance and repair)

MATVIYENKO, N.; VADIMENKO, M.; SERBINOVICH, N.K.

Master-operator of drift mining combines. Mast.ogl. 3 no.4:23-24 Ap '54.
(MLRA 7:5)

(Serbinovich, Nikolai Kuprianovich)

LIDIN, Georgiy Dmitriyevich, nauchnyy sotr.; AYRUNI, Arsen Tigranovich, nauchnyy sotr.; KLEBANOV, Feliks Semenovich, nauchnyy sotr.; MATVIYENKO, Nikolay Grigor'yevich, nauchnyy sotr.; GNEDIN, V.Ye., otv. red.; SMIRENSKIY, M.M., red. izd-va; IL'INSKAYA, G.M., tekhn. red.

[Controlling accumulations of methane in coal mines] Bor'ba so skopleniyami metana v ugol'nykh shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 140 p. (MIRA 15:1)

1. Institut gornogo dela im. A.A.Skochinskogo (for Lidin, Ayruni, Klebanov, Matviyenko).

(Mine gases)

MATVIYENKO, N. G., Cand Tech Sci -- (diss) "Control of gas escape in the boundary sections of cleaned portions of flat coal layers of narrow and average width by means of changes in the ventilation set-up." Moscow, 1960. 19 pp; 1 page of tables; (Academy of Sciences USSR, Inst of Mining Affairs); 150 copies; price not given; (KL, 25-60, 133)

ETTINGER, I.I.; MATVIYENKO, N.G.; SHERSHUKOV, V.V.

Increase of the sorption activity of coals of the Noril'sk deposit caused by an ore-bearing intrusion. Dokl. AN SSSR 148 no.4:925-928 P '63. (MIRA 16:4)

1. Institut gornogo dela im. A.A.Skochinskogo. Predstavleno akademikom L.I.Shevyakovym. (Noril'sk region--Coal geology) (Sorption)

MATVIYENKO, N.G., kand. tekhn. nauk; VOYTOV, G.I., kand. tekhn. nauk

Gas liberation during ore mining in igneous rock. Bezop. izv.
v prom. 8 no.12:13-24 D '64. (MIRA 18 3)

1. Institut gornogo dela im. A.A. Skochinskogo.

OBREZKOV, V.I., kand.tekhn.nauk; MALININ, N.K., inzh.; MATVIYENKO, N.I.,
student; ZUBAREV, V.V., student

Determination of the optimum operation of a hydroelectric power
station with seasonal regulation using analog computers. Trudy
MEI no.46:13-24 '63. (MIRA 18:3)

1. Kafedra gidroenergetiki Moskovskogo ordena Lenina energeti-
cheskogo instituta.

MATVIYENKO, O.N. [Matvienko, O.M.]

O.I. Korshykov; on his 75th birthday. Ukr. bot. zhur. 22 no.4:
110-112 '65. (MIRA 18.10,

MATVIYENKO, S. [Matvienko, S.], nauchnyy sotrudnik

Antibiotics from plants. Nauka i zhyttia 12 no.2:43 F '63.
(MIRA 16:4)

1. Institut mikrobiologii im. Zabolotnogo AN UkrSSR.

(Phytoncides)

MATVIYENKO, V. P.

37470. Materialy Po Morfologii i pohnodvigatel'nogo Apparata Novoy Porody Ovets Arkharomerinos. Izvestiya Akad. Nauk Kazakh. SSR, No. 71, Seriya Biol., vyp. 5, 1949, s. 105-16.

SO: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949

MATVIYENKO, V.F.

Materials on the morphology of the locomotor apparatus of Kazakh
Arkharomerinos, a new sheep breed. Izv. AN Kazakh.SSR. Ser.biol.
no.6:58-65 '51. (MIRA 9:5)

(KAZAKHSTAN--SHEEP BREEDS)
(MUSCLES)

MATVIYENKO, V.F.

A case of incomplete reduction of the fibula in the arthar (Ovis
Polii Karelini). Izv. AN Kazakh SSR. Ser. biol. no. 6:66-67 '51.
(SHEEP) (FIBULA) (MIRA 9:5)

MATVIYENKO, V.P.

Materials on the morphology of the skeleton of Kazakh fine-wool
sheep as compared with the initial forms. Trudy Inst. eksp. biol.
AN Kazakh. SSR 2:64-85 '54. (MIRA 10:2)
(KAZAKHSTAN--SHEEP BREEDS) (BONES)

MATVIYENKO, V.F.

Materials on the morphology of the skeleton of Kazakh wool goats
as compared with the initial forms. Trudy Inst. eksp. biol. AN Kazakh.
SSR 2:160-183 '54. (MIRA 10:2)
(KAZAKHSTAN—GOATS) (BONES)

MATVIYENKO, V.F., kand.biol.nauk

Morphological features of the bony structure of some new sheep
breeds of Kazakhstan as compared with their initial forms.
Trudy Inst. eksp. biol. AN Kazakh. SSR 4, 132-148 '58 (MIRA 11:7)
(KAZAKHSTAN--SHEEP BREEDS)
(BONES)

MUKHAMEDGALIYEV, F.M.; MATVIYENKO, V.F.; LEBEDEVA, N.G.

Skeletal age-related changes in Kazakh fine-wool sheep. Trudy Inst.
eksp. biol. AN Kazakh. SSR. 1:10-53 '64. (MIRA 18:4)

MATVIY'NKO, V.F.

Age-related changes in the skull of Kazakh fine-wool sheep. Trudy
Inst. eksp. biol. AN Kazakh. SSR. 1:54-60 '64.

Growth and development of the skeleton of lambs of southern Kazakh
Merino sheep of the Aral Sea region type. Ibid.:87-97

Characteristics of age-related changes in tubular bone tissues of
southern Kazakh Merino sheep of the Aral Sea region type. Ibid.:98-107
(MIRA 18:4)

MAVVIYENKO, V.F.

Growth and development of the skeleton in the Kazakh Argali Merino
lambs. Trudy Inst. eksp. biol. AN Kazakh. SSP 11:160-169 '65.

(MIRA 18:10)

MATVIYENKO, V. I.

"The Bases of the Agricultural Engineering of Potatoes in the Abkhazskaya Autonomous SSR." Cand Agr Sci, Moscow Order of Lenin Agricultural Acad imani K. A. Timiryazev, Moscow, 1954. (KL, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (13)
SO: Sum. No. 598, 29 Jul 55

MATVIYENKO, V.I.

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

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 7481

Author : Bak M.A., Gorshkov G.V., Matviyenko V.I., Patrzhak K.A.,
Romanov Yu.F.

Inst : Radium Institute, Academy of Sciences, USSR, Leningrad

Title : Radon Neutron Sources

Orig Pub : Bul. Inst. politechn. Iasi, 1957, 3, No 1-2, 47-54

Abstract : By measuring the spatial distribution of the neutron density in H_2O , the authors have determined the power and the average energy of the neutron sources Ra-Be, Ra-B, Ra-C, Ra- CaF_2 , Ra-Mg, Ra-Al, and Ra-Si (the α n reaction). The absolute neutron yield from the various sources was determined by comparing the integral distributions of the slowed-down neutrons from the investigated and from a standard Ra-Be source. The mean energy of the neutron spectra was estimated from the magnitude of the relaxation length (L), determined from the measurements of the distribution of the density of the

Card : 1/2

10

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

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 7481

neutrons at distances greater than 20 cm ($\sim e^{-x/L}$). The following was established: (1) The neutron yield varies from 1.5×10^{-4} /microcurie of Rn for B₂ to 37/microcurie of Rn for C. (2) The average energy of the spectra of the investigated sources lies in the interval from 2.0 to 4.7 Mev. (3) The relaxation length depends linearly on the maximum energy of the neutron spectra. -- I.P. Sednikov

Card : 2/2

MATVIYENKO, V. I.

20-2-13/50

AUTHORS: Gorshkov, G. V. , Matviyenko, V. I.TITLE: The Yield of Neutrons From the Sources Rn + B, Rn + C, Rn + CaF₂, Rn + Mg, Rn + Al, Rn + Si, Rn + SiO₂, Rn + Granite (Vykhod neytronov iz istochnikov Rn + B, Rn + C, Rn + CaF₂, Rn + Mg, Rn + Al, Rn + Si, Rn + SiO₂, Rn + Granit)

PERIODICAL: Doklady AN SSSR, 1957, Vol. 116, Nr 2, pp. 211 - 212 (USSR)

ABSTRACT: Neutrons are created by the irradiation of light elements by the α -particles of natural radioactive substances. The most important characteristic of these neutrons sources is their yield. The present paper gives the results of the investigation of their yield and the other quantities which characterize the radon-neutron sources. All sources were produced as cylindrical glass ampules with a diameter of 20 mm and a height of 40 mm. These ampules were then filled completely with the powders of the target material. Beryllium, boron, carbon, calcium fluoride, magnesium, aluminum, silicon, silicon dioxide and 1,3 billion years old granite were used as filling material. The neutron yield was measured also on ampules without filling material for boron glass and glass without boron.

Card 1/3

20-2-13/50

The Yield of Neutrons From the Sources Rn + B, Rn + C, Rn + CaF₂, Rn + Mg, Rn + Al, Rn + Si, Rn + SiO₂, Rn + Granite

The total number of the neutrons emitted by the sources was measured by means of two methods: with an all-wave boron counter and by recording the density distribution of the slow neutrons in a water tub. Because of the α -particles of the RaC' the yield of neutrons grows with varying rapidly in the case of the various elements. By means of the second method it was possible to check the boron counter and to increase the accuracy of measurements. The yield of radon ampules was taken as neutron background, which was filled with zinc powder, selenium powder and cadmium powder. The relative and the absolute yield was determined for all sources. For the purpose of controlling the reproducibility of the entire process of production and the measurements the experiments were repeated. These control tests confirmed the previously obtained results within the limits of measuring errors. The experimental results obtained by this paper are shown in a table. There are 1 table and 2 Slavic references.

Card 2/3

The Yield of Neutrons From the Sources Rn + B, Rn + C, Rn + CaF₂, Rn + Mg, Rn +
+ Al, Rn + Si, Rn + SiO₂, Rn + Granite 20-2-13/50.

ASSOCIATION: Radium Institute imeni V. G. Khlopin AN USSR
(Radiyevyy institut im. V. G. Khlopin Akademii nauk SSSR)

PRESENTED: May 16, 1957, by A. P. Vinogradov, Academician

SUBMITTED: November 2, 1956

AVAILABLE: Library of Congress

Card 3/3

AUTHORS: Komaishko, G.S., Matviyenko, V. I., SOV/89-5-1-6/28
Pemyakov, V. M., Subbotin, Ye. S., Peofilov, O.G.

TITLE: On Some Methods Employed for the Mass Production of Po- α -Be Neutron Sources (O nekotorykh metodakh massovogo izgotovleniya Po- α -Be neytronnykh istochnikov)

PERIODICAL: Atomnaya energiya, 1958, Vol. 5, Nr 1, pp. 64-67 (USSR)

ABSTRACT: For the production of Po- α -Be neutron sources one of the wet methods is, above all, described. This method consists in the production of a uniform mixture of polonium and beryllium by causing a polonium solution combined with nitric acid to act upon beryllium powder. The mixture obtained is dried and pulverized. A method is described by means of which it is possible to obtain nitric acid polonium free from a copper carrier. In view of its high degree of neutron activity existing during the entire technical production process, the method described is, however, unsuited for the mass production of the preparation concerned. For mass production a method developed by Brean, Hertz, which was improved by the authors, is very well suited. Copper powder

Card 1/2

On Some Methods Employed for the Mass Production
of Po- α -Be Neutron Sources

SOV/89-5-1-6/28

containing a known quantity of polonium 210 is weighed into a container, which is then filled with beryllium powder. During the following heating of the hermetically closed container the polonium is sublimated, after which it is uniformly distributed in the mixture. By employing this method it is possible, without any danger to the operating staff, to produce neutron preparations up to $2,1 \pm 0,2 \times 10^6$ n/sec from 1 C polonium 210. There are 2 figures and 7 references, 1 of which is Soviet.

SUBMITTED: June 17, 1957

1. Neutrons--Sources
2. Mixtures--Preparation
3. Polonium
- Properties
4. Copper powder--Properties
5. Beryllium powder
- Properties

Card 2/2

MAI VIYENKO, V. I.

PHASE I DATA REPRODUCTION 507/390
Akademiyi nauk SSSR. Radiyevyy Institut
Trudy, t. IX (Transactions of the Radium Institute, Academy of Sciences USSR,
Vol. 9) Moscow, Izdat. AN SSSR, 1959. 287 p. Errata slip inserted.
1,700 copies printed.

Ed.: K.A. Pevnikov, Doctor of Physical and Mathematical Sciences; Ed. of Publishing
House: G.M. Aron; Tech. Ed.: A.V. Smirnova.

PURPOSE: The volume is intended for physicists.
CONTENTS: The book represents volume 9 of the Transactions of the Radium Institute
and contains the results of studies conducted at the Institute chiefly from
1955 to 1956. There are a number of articles dealing with the study of nuclear
reactions occurring with particles of different energies ranging from several
eV up to hundreds of MeV. Others are devoted to different problems of the physics of
neutrons. Results of studies of various neutron sources, neutron energy distrib-
ution in a moderator (water) and other problems connected with the theory of
neutron interaction with matter are presented. The majority of the articles
are concerned with problems of method. The authors provide a complete de-
scription of the construction of equipment and of the results of tests performed
water-laboratory conditions. No personalities are mentioned. References
are given by individual articles.

Shamay, V.P. Uranium Fission due to High Excitation Energy	45
Shamay, V.P. Fission of Heavy Nuclei ($Z \leq 73$) due to High Excitation Energy	52
Protopopov, A.M., Yu.A. Soltizkiy, and G.M. Aron. Fission of Uranium Enriched by Fast Neutrons	55
Kozlov, Yu.A., and A.M. Piskarskiy. Study of Gamma Rays of Certain Neutron Sources	61
Kozlov, Yu.A., and A.M. Piskarskiy. Study of Gamma Ray Spectrum of Po-Be Neutron Source	72
Artem'yev, I.M., A.M. Protopopov, and B.N. Smirnov. Study of Gamma Rays Accompanying the Fission of ^{235}U by Thermal Neutrons	78
Shamay, V.P., K.A. Petzshak, and M.A. Bak. Calculus Ratios for Ag^{107} and Ag^{109}	84
Bak, M.A., K.A. Petzshak, and Yu.F. Roznov. Analysis of λ -Neutron Field of Uniform Density	87
Phazov, Yu.L., M.A. Bak, K.A. Petzshak, and Yu.F. Roznov. Neutron Energy Distribution in the Water Surrounding the Source	91
Phazov, Yu.F., K.A. Petzshak, M.A. Bak. Measurement of Diffusion Length of Thermal Neutrons in Water	104
Bak, M.A., S.V. Gornitskiy, V.I. Matviyenko, K.A. Petzshak, and Yu.F. Roznov. Fast Neutron Sources	107
Roznov, Yu.F. Measuring the Number of Neutrons Emitted by a Radium-Gezillium Source	113
Bak, M.A., G.V. Seretov, V.I. Matviyenko, K.A. Petzshak, and K.S. Shikanskaya. Calculating Neutron Densities for $\text{Ra} + \text{Ge}$, $\text{Ac} + \text{Ge}$, $\text{Math} + \text{Ge}$ and $\text{Po} + \text{Ge}$ Sources	120
Shikanskaya, K.S. Determining the Correction for Colorimeter Thermal Neutrons in Geiger-Counter Measurements of Radioactive Preparations	126
Shikanskaya, K.S. The Role of Physical and Chemical Processes in Geiger-Counter Measurements of Radioactive Substances	131
Artem'yev, I.M., A.M. Protopopov, M.A. Bak, Yu.L. Phazov, V.I. Matviyenko, K.A. Petzshak, S.V. Gornitskiy, V.I. Seretov, and V.F. Kiselev. Neutron Sources	134
Matviyenko, V.I. Methods of Calculating the Correction for Thermal Neutrons in Geiger-Counter Measurements of Radioactive Preparations	141
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	146
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	155
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	164
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	173
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	182
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	191
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	200
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	209
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	218
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	227
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	236
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	245
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	254
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	263
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	272
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	281
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	290
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	299
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	308
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	317
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	326
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	335
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	344
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	353
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	362
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	371
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	380
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	389
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	398
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	407
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	416
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	425
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	434
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	443
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	452
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	461
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	470
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	479
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	488
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	497
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	506
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	515
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	524
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	533
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	542
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	551
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	560
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	569
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	578
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	587
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	596
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	605
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	614
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	623
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	632
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	641
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	650
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	659
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	668
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	677
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	686
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	695
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	704
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	713
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	722
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	731
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	740
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	749
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	758
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	767
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	776
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	785
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	794
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	803
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	812
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	821
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	830
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	839
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	848
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	857
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	866
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	875
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	884
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	893
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	902
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	911
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	920
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	929
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	938
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	947
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	956
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	965
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	974
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	983
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	992
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1001
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1010
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1019
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1028
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1037
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1046
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1055
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1064
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1073
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1082
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1091
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1100
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1109
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1118
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1127
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1136
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1145
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1154
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1163
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1172
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1181
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1190
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1199
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1208
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1217
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1226
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1235
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1244
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1253
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1262
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1271
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1280
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1289
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1298
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1307
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1316
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1325
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1334
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1343
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1352
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1361
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1370
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1379
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1388
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1397
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1406
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1415
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1424
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1433
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1442
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1451
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1460
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1469
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1478
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1487
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1496
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1505
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1514
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1523
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1532
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1541
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1550
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1559
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1568
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1577
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1586
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1595
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1604
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1613
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1622
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1631
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1640
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1649
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Neutrons	1658
Matviyenko, V.I. Fission of ^{235}U and ^{238}U by Thermal Ne	

MATVIYENKO, V. I.

SON/1903

PHASE I BOOK EXPLOITATION

Akademiya Nauk SSSR, Radiyevy Institut

Trudy, L. II (Transactions of the Radium Institute, Academy of Sciences USSR, Vol. 9), Moscow, Izd-vo AN SSSR, 1979. 287 p. Errata slip inserted. 1,700 copies printed.

Ed.: K.A. Reffiller, Doctor of Physical and Mathematical Sciences; Ed. of Publishing House: G.M. Aron, Tech. Ed.: A.V. Salmova.

PURPOSE: The volume is intended for physicists.

CONTENTS: The book represents volume 9 of the Transactions of the Radium Institute and contains the results of studies conducted at the Institute chiefly from 1955 to 1956. There are a number of articles dealing with the study of nuclear reactions occurring with particles of different energies ranging from several eV up to hundreds of MeV. Others treat different problems of the physics of neutrons. Results of studies of various radon sources, neutron energy distribution in a moderator (water), and other problems connected with the theory of neutron interaction with matter are presented. The majority of the articles are concerned with problems of method. The authors provide a complete description of the conditions of equipment and of the results of tests performed under various conditions. No personalities are mentioned. References accompany individual articles.

Shk, V. A., K. A. Petrsbak, and Yu. F. Romanov. Wall Effect in Ionization Chambers	192
Malkin, L. Z., K. A. Petrsbak, and V. A. Yakovlev. Study of the Effect of Alpha Particle Reflection on Measuring in a Chamber with a Solid Angle - 2 π	207
Bugakov, S. S., L. Z. Malkin, K. A. Petrsbak, V. A. Yakovlev, and M. I. Yegorin. Ionization Chambers for Alpha Particle Counting	214
Matviyenko, V. I. The Direct Method for Determining Low Radon Concentrations in the Air	229
Matviyenko, V. I. Distributions of Disintegrated Radon Products in Ampoules Filled with Powder and in Ampoules Without Filler	236
Elk, G. B., A. I. Ruznov, and S. I. Stepanov. The Photographic Effect of Slow Neutrons	239
Arbiter, V. A. Accumulation of the Daughter Product in the Branch Decay of the Parent	250
Agafonov, I. I., V. V. Mikrofayov, and V. V. Smirnov. Active Electronic Spectra in Air Equivalent Ionization Chambers	253
Gaidarovich, G. E. Method of Measuring Half-Life of Short-Life Radioactive Elements	258
Porfiriya, M. V., I. Prokofyova, and V. R. Kevskaya. Increasing the Sensitivity of a Particularly Filtered Ionization Chamber by the Dual-Counter Method	268
Matviyenko, V. I. Effect of Jetties at the Exit of a Partitioned Fine Channel on the Characteristics of a Chamber Measuring Alpha and Beta Particles	270
Matviyenko, V. I. Characteristics of a Chamber Measuring Alpha and Beta Particles	275
Matviyenko, V. I. Characteristics of a Chamber Measuring Alpha and Beta Particles	277

BAK, M.A.; GORSHKOV, G.V.; MATVIYENKO, V.I.; PETRZHAK, K.A.; SHIMANSKAYA, N.S.

Determination of the neutron yields of the sources Ra + Be, Ac +
Be, MsTh + Be, and P + Be. Trudy Radiev.inst.AN SSSR 9:120-125
1959. (MIRA 14:6)

(Neutrons)

MATVIYENKO, V.I.

Direct method for determining small concentrations of radon in air.
Trudy Radiov.inst.AN SSSR 9:229-235 '59. (MIRA 14:6)
(Radon—Analysis)

MATVIYENKO, V.I.

Distribution of the decay products of radon in ampoules filled with powder and in ampoules without filler. Trudy Radiev.inst.AN SSSR
9:236-237 '59. (MIRA 14:6)

(Radon--Decay)

MATVIYENKO, V.K.; POPOVICH, N.V.

The ODTSC-135000/500 transformer. Biul.tekhn.-ekon.inform. no.12:
28-31 '60. (MIRA 13:12)

(Electric transformers)