OSMACHKIN, B.P., [illegible].

[illegible] (MIRA [illegible])

OSMACHKIN P.I.

Use of [illegible]
Kriminal. prom. [illegible]

GORIN, A.A.; OSMACHKIN, B.P.; GOLENOK, L.S., inzh. po avtomatizatsii; KOVALEV, G.I.; GOROBTSOV, V.S.

Isotopes in the service of miners. Ugol' Ukr. 9 no.12:14-16 D '65. (MIRA 19:1)

1. Ispolnyayushchiy obyazannosti direktora Donetskoy bazovoy izotopnoy laboratorii (for Gorin). 2. Nachal'nik uchastka izotopov Luganskogo montazhno-naladochnogo upravleniya (for Osmachkin). 3. Shakhtoupravleniye "Butovka" tresta Makeyevugol' (for Golenok). 4. Glavnyy inzh. laboratorii "Izotop" pri Luganskom montazhno-naladochnom upravlenii (for Gorobtsov).

R-1

USSR/Diseases of Farm Animals - General Problems.

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45364

Author : Logninov, D.D., Yurko, A.D., Osmachkin, S.P., Miloradovich, A.F.

Inst : Ukrainian Scientific Research Institute of Experimental Veterinary Medicine.

Title : On the Surgical Treatment of the Acquired Constriction of the Teat Canal.

Orig Pub : Byul. nauchn.-tekhn. inform. Ukr. n-i. in-t eksperim. veterinarii, 1957, No 3, 9-1 .

Abstract : No abstract.

Card 1/1

- 2 -

OSTROUMOV, V.S.

"Problems of Fuel Burning in Light Water Cooled and Moderated Power Reactors" (a paper presented at 1958 UN "Atoms for Peace" Conference, Geneva, Switzerland.).

OSMACHKIN, V. [illegible]

"Spe[illegible] features [illegible] liquid-[illegible] rea[illegible]."

report submitted [illegible] Int[illegible], [illegible] Atom[illegible], [illegible] 31 Aug-[illegible] Sep [illegible].

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00123[illegible]

OS'MACHKO, A.; LUGANSKAYA, V.; YEGEREV, Yu.

Plastic friction disks. Mashinostroitel' no.12:36-37 D '60.
(MIRA 13:12)

(Plastics—Molding)

S/117/60/000/012/015/XX2
A004/A001

AUTHORS: Os'machko, A., Luganskaya, V., Yegerev, Yu.

TITLE: Friction Disks Made of Plastics

PERIODICAL: Mashinostroitel', 1960, No. 12, pp. 30-31

TEXT: The authors report on tests which were carried out at their plant to determine the efficiency of plastics friction disks for electromagnetic couplings of metal-cutting machine tools. These disks were introduced at the plant to replace steel disks with metal-ceramic lining whose cost price was too high. The Central Plant Laboratory developed a material corresponding to the main requirements of friction couplings. This material is composed of fibrous asbestos - 30%, carborundum - 14%, silver graphite - 15%, powdered tin - 5% and polyester resin solution - 40%. All fillers being used in the composition should be free from fatty acids. The carborundum powder is mixed with the powdered metal, tin and graphite, then the fibrous asbestos is added and the mixture is pulverized in a mortar until it forms a homogeneous mass. Then the polyester resin is added to the mixture. Prior to applying the mixture to the disks, holes are drilled in the latter in order to ensure a strong adhesion between the disk and plastic

Card 1/2

lining. The plastics mixture is applied to both sides of the disk, covering the disk with a layer of 1.5 mm thickness. A pressure of 3-4 kg is exerted on the [illegible] placed in a special fixture. Then the disk with the fixture is placed in a [illegible] for the polymerization of the binder. The disks are held in the drier [illegible] hours at 110°C, then cooled down to room temperature with subsequent mechanical working. The other disk of the friction couple was made of grade [illegible] steel, hardened up to HRC 55-62. The friction disks were tested on an electromagnetic coupling placed in the kinematic circuit of the longitudinal table feed of the [illegible] vertical milling machine. The coupling was set for the transmission of a [illegible] M_t = 8 mkg in an oil medium. The tests were carried out from April, [illegible] August, 1960, after which the coupling was removed from the milling machine and checked on a special stand. The torque of 8 mkg remained constant, while practically no wear could be observed. An inspection of the disk extern[illegible] showed that the plastic showed a strong adhesion to the [illegible] surface of the disk. There were no cracks, no breaking or peeling off of the [illegible] material.

OSMACHKO, V.

Experience in operating automobile trains. Avt.transp. 35 no.2:17-20 F '57. (MIRA 10:12)
(Automobile trains) (Transportation, Automotive)

OSMACHKO, V.

Finish hauling off harvested crops in a short time without loss. Avt.transp. 32 no.6:4-5 Je '54. (MLRA 7:9)

1. Nachal'nik glavnogo upravleniya "Soyuzsagottrans"
(Farm produce--Transportation)

KULIKOV, N.; OLEKSA, P.M.; KATSIN, I.S.; OS'MAGA, I.I.

Eliminate excessive load testing of bridge cranes. Metallurg 10 no.6:34 Je '65. (MIRA 18:6)

1. Glavnyy mekhanik Nizhne-Tagil'skogo kombinata (for Kulikov). 2. Glavnyy mekhanik Donetskogo metallurgicheskogo zavoda (for Oleksa). 3. Starshiy inzh. Otdela glavnogo mekhanika po kranam Donetskogo metallurgicheskogo zavoda (for Katsin). 4. Pomoshchnik nachal'nika martenovskogo tsekha po oborudovaniyu Donetskogo metallurgicheskogo zavoda (for Os'maga).

OS'MAK, A., buril'shchik.

[Stakhanovite improvements] Stakhanovskie popravki. [Moskva] Profizdat, 1953. 55 p. (MLRA 6:8)

1. Rudnik imeni Dzerzhinskogo, trest "Dzerzhinskruda", Krivorozhskogo zhelezorudnogo basseyna. (Mining engineering) (Stakhanov movement)

TKACHENKO, A.; OS'MAK, I., kand.tekhn.nauk, dots.

"Ensilage harvesters" by N.E.Reznik. Reviewed by A.Tkachenko, I.Os'mak. Trakt. i sel'khozmash. no.1:48 Ja '59.
(MIRA 12:1)

1. Zamestitel' nachal'nika Glavnogo upravleniya mekhanizatsii i elektrifikatsii Ministerstva sel'skogo khozyaystva USSR (for Tkachenko). 2. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk (for Os'mak).
(Harvesting machinery) (Reznik, N.E.)

IRODOV, A., SIMAK, I.

Corn Picker (Machine)

Harvesting corn with machines. Kolkh. proizv. 12 no. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

OS'MAK, A.A.

Behavior of white rats following destruction of the basal ganglia.
Fiziol. zhur. [ukr.] 8 no.5:616-621 S-O '62. (MIRA 17:11)

1. Laboratory of Higher Nervous Activity of the A.A. Bogomoletz Institute of Physiology of the Academy of Sciences of the Ukrainian S.S.R., Kiyev.

OB'MAK, ILARION TERENT'YEVICH

DECEASED

1964

O. '64

Agriculture
Corn
Poultry

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

DMITRIYEV, B.V.; OS'MAKOV, I.G.

[Growing corn for silage in Murmansk Province] Vozdelyvanie kukuruzy na silos v Murmanskoi oblasti. Kirovsk, Akad.nauk SSSR. Kol'skii filial, 1955. 42 p.

(MIRA 14:2)

(Murmansk Province--Corn (Maize))

Osmakov, I. G.

USSR/Cultivated Plants - Fodder M-5

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1641

Author : M.N. Smirnov, I.G. Osmakov
Inst : Fodder Institute
Title : Sowing of Fodder Roots (Plants with Edible Roots) with Hybrid Seeds.

Orig Pub : Selektsiya i semenovodstvo, 1957, No 2, 31-33

Abstract : One of the effective methods of increasing the yield of feeding roots is by sowing them with hybrid seeds of the first generation, obtained by intervariety crossing. In experiments with the hybrid seed sowing of various varieties of fodder and sugar beets and feed-turnips in the fields of the Fodder Institute, and under industrial conditions, the yield of the feeding roots with hybrid seed sowing was higher than that obtained by sowing the pure varieties. The best combination for the beets was by sowing them with hybrid seeds obtained through crossing, and whose maternal plant was the yellow Eckendorf X Barres, and for turnips, the combination Vysheguro i-skaya X the yellow Shvedskaya. When sowing with hybrid seeds the dry matter yield was also greater.

Card : 1/1

DALIN, A.D., doktor sel'skokhozyaystvennykh nauk; OS'MAKOV, I.G., kand. sel'skokhozyaystvennykh nauk; KARAVYANSKIY, N.S.

New tillage practices for raising corn and root crops outside the Chernozem belt. Dokl. akad. sel'khoz. 23 no.9:7-13 '58. (MIRA 11:10)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni V.R. Vil'yamsa. Predstavlena otdeleniyem zemledeliya Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I. Lenina.
(Corn (Maize)) (Root-crops) (Tillage)

DALIN, A.D., doktor tekhn.nauk; [illegible], A.D., kand.sel'skokhoz.nauk; OS'MAKOV, I.S., kand.sel'skokhoz.nauk; KARAVYAKSKIY, N.S.

New methods of cultivating soil for corn and root crops in the non-Chernozem zone. Dokl.Akad.sel'khoz. 24 no.8:45-48 '59. (MIRA 12:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni V.R.Vil'yamsa. Predstavlena akademikom A.N.Karpenko.
(Tillage) (Corn(Maize)) (Root crops)

OS'MAKOV, I.G., kand. sel'skokhoz. nauk; POLEZHAYEV, I.A., kand. sel'skokhoz. nauk; CHERENKOV, A.D., kand. sel'skokhoz. nauk

Growing sugar beets in the non-Chernozem zone. Zhivotnovodstvo 23 no.3:45-49 Mr '61. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni V.R. Vil'yamsa.

OS'MAK, Illarion Terent'yevich; STEPANENKO, K.N., inzh., retsenzent; PILIPENKO, Yu.P., inzh., red.; GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[Machines for harvesting and ensilaging green fodder]Mashiny dlia uborki i silosovaniia zelenykh kormov. Moskva, Mashgiz, 1961. 106 p. (MIRA 15:12)
(Ensilage) (Agricultural machines)

OS'Mak, I.T., kand. tekhn. nauk

Using machinery in ensiling feeds. Mekh. sil'.khoz. 7 no. 7:5-6 Jl '58. (MIRA 11:8)

(Harvesting machinery)
(Ensilage)

OS'MAK, Illarion Tarasovich; IRODOV, Aleksandr Vyacheslavovich; STEPANENKO, A.N., insh., retsenzent; DAVIDENKO, N.M., retsenzent; SKRUYUK, V.K., insh., red.; RUDENSKIY, Ye.V., tekhn.red.

[Corn-harvesting machinery] Mashiny dlia uborki kukurusy. Kiev, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1957. 276 p.
(Corn picker (Machine)) (MIRA 11:4)

OS'MAK, L.

The wall newspaper helps to eliminate shortcomings. Muk.-elev.prom. 23 no.1:30 Ja '57. (MLRA 10:5)

1.Izyaslavskiy punkt Zagotzerno Khmel'nitskaya oblast'.
(Grain trade)
(Wall newspapers)

LOZENKO, V.T.; GOLOMBA, R.A., nauchnyy sotrudnik; OS'MAK N.K., nauchnyy sotrudnik; RYBAK, V.N., nauchnyy sotrudnik

Development of communal economy and agricultural standards on the Lenin Collective Farm. Zemledelie 8 no.1:19-25 Ja '60. (MIRA 13:4)

1. Predsedatel' kolkhoza imeni Lenina, Borodyanskogo rayona, Kiyevskoy oblasti (for Lozenko). 2. Ukrainskiy nauchno-issledovatel'skiy institut zemledeliya (for Golomba, Os'mak, Rybak).

(Borodyanka District--Collective farms)

OS'MAKOV, I.G., kand. sel'khoz. nauk; CHERNENKOV, A.D., kand. sel'khoz. nauk; ZAGORSKIY, G., red.; SHLYK, M., tekhn. red.

[Forage cabbage] Kormovaia kapusta. Moskva, Mosk. rabochii, 1961. 17 p. (MIRA 14:7)

(Cabbage)

OS'MAKOV, I.G., kand. sel'khoz. nauk; CHERNENKOV, A.D., kand. sel'khoz. nauk; POLYAKOVA, V., red.; SHLYK, M., tekhn. red.

[Sugar beet as feed] Sakharnaia svekla na kormovye tseli. Moskva, Mosk. rabochii, 1961. 27 p. (MIRA 14:7)
(Sugar beets)

OS'MAKOV, Ivan Grigor'yevich; POLEZHAYEV, Ivan Antonovich; KOREYSHO, Ye.G., red ; GUREVICH, M.M., tekhn. red.

[Sugar beets for cattle feeding in non-Chernozem soils] Sakharnaia svekla na korm skotu v nechernozemnoi zone. Moskva, Sel'khozizdat, 1962. 116 p. (MIRA 15:7)
(Sugar beets)

OS'MAKOV, Ivan Grigor'yevich; SHULEYKIN, P.A., red.; NAZAROVA, A.S., tekhn. red.

[Great crop] Moguchaia kul'tura. Moskva, Izd-vo "Znanie," 1962. 36 p. (Narodnyi universitet kul tury: Sel'skokhoziaistvennyi fakul'tet, no.3) (MIRA 15:6)

(Sugar beets)

CS'MAKOV, I.V.:
All-Union Sci Res Inst of Fertilization, Agricultural Engineering, and Soil Science (VIUAA)

CS'MAKOV, I.V. "The fertilization of fodder root crops and silo crops on sod-podzolic soils." All-Union Sci Res Inst of Fertilization, Agricultural Engineering, and Soil Science (VIUAA), Moscow, 1956.
(Dissertation for the Degree of Candidate in Agricultural Sciences)

SO: Knizhnaya Letopis', No. 2, 1956.

OS'MAKOV, I.G., kandidat sel'skokhozyaystvennykh nauk.

Granulated superphosphate and organomineral mixtures for forage root crops and cabbage. Agrobiologiia no.6:41-46 N-D '56. (MLRA 10:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni V.r.Vil'yamsa, Lugovaya, Moskovskoy oblasti.

(Phosphates) (Root crops) (Cabbage)

OS'MAKOV, N.A.

Postoperative complications and mortality in lung cancer patients 60 years of age and older. Vop. onk. 10 no.1:29-32 '64.

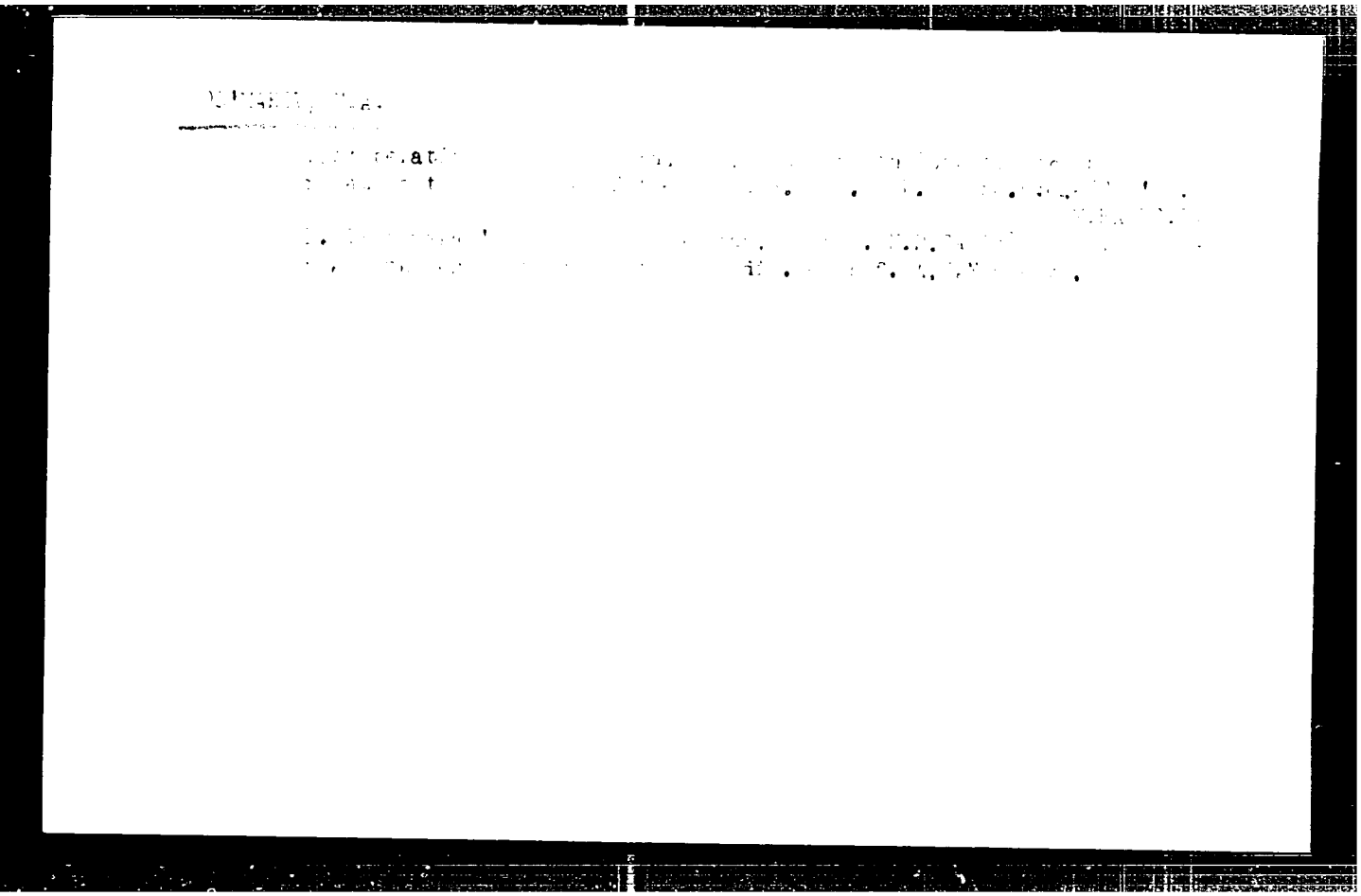
(MIRA 17:5)

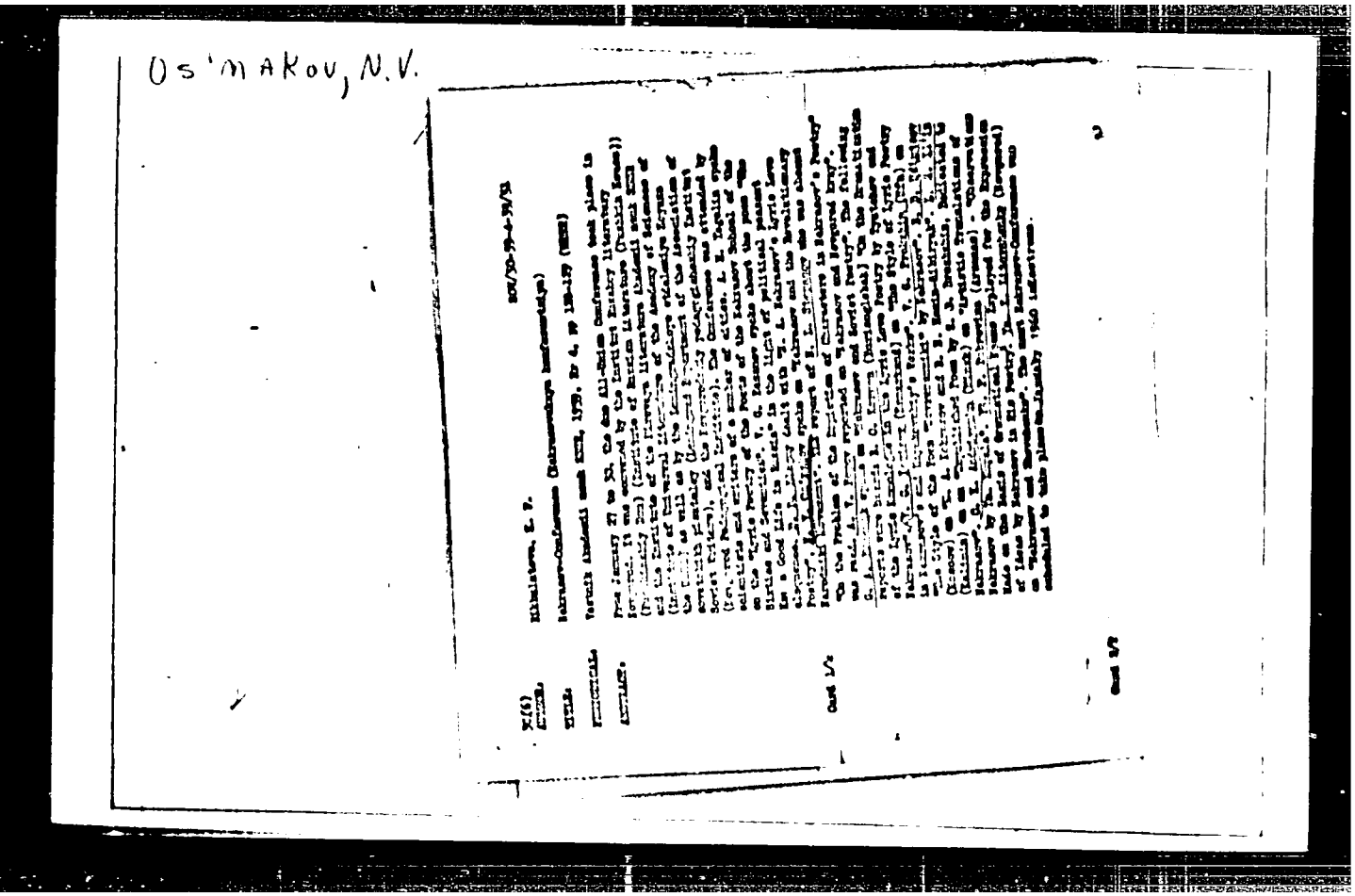
1. Iz torakal'nogo otdeleniya (zav. - doktor med. nauk N.I. Garin) Gosudarstvennogo onkologicheskogo instituta imeni P.A. Gertsena (dir. - prof. A.N. Novikov). Adres avtora: Moskva, D-284, 2-y Botkinskiy proyezd, 3, Gosudarstvennyy onkologicheskiy institut.

GAPIN, N.

54-58 4g '4m.

1.





Os'makov, N.V.

[illegible]KOV, S. A.

"Theory of Vibrational and [illegible]-Vibrational [illegible] of [illegible]." [illegible] Tech Sci, (Leningrad Construction Engineering Inst, Leningrad, 1954.) [illegible] Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

OSMAKOV, S.A.

Approximate method of determining the mean speed of particles on horizontal vibrating surfaces. Izv.vys.uchob.zav.; stroi. i arkhit. no.5:94-100 '58. (MIRA 12:1)

1. Tomskiy inzhenerno-stroitel'nyy institut.
(Vibration) (Dynamics of a particle)

Tomsk Civil Engineering Inst...

SAVINOV, O.A.; OSMAKOV, S.A.

What a pile-driving vibration hammer should be. Osn., fund. i mekh. grun. no.1:11-14 '59. (MIRA 12:7)
(Piling (Civil engineering)) (Hammers)

OSMAKOV, S.A. (Leningrad); SAVINOV, O.A. (Leningrad)

Motion of a vibrator freely supported by a flexible limiter.
Izv.AN SSSR.Otd.tekh.nauk.Mekh.i mashinostr. no.3:3-11
My-Je '60. (MIRA 13:6)
(Vibrators)

BOREKOVSKAYA, V.N., inzh.; OSMAKOV, S.A., kand.tekhn.nauk

Speed of vibratory sinking of cylindrical bodies into the ground. Gidr. stroi. 30 no.9:51-53 S '60. (MIRA 13:9)
(Piling (Civil engineering)) (Vibration)

SAVINOV, O.A. (Leningrad); OSIPKOV, S.A. (Leningrad)

A comparative characterization of vibrations and vibrating hammers in pile driving. Osn., fund. i mekh. grun. 3 no.5: 8-9 '61. (MIRA 14:11)

(Piling (Civil engineering))

OSMAKOV, S.A.

Determining the pressure of a vibrating pile on the soil taking into account the phenomenon of breaking away. Osn., fund. i mekh. grun. 4 no.6:21-23 '62. (MIRA 16:1)
(Piling (Civil engineering))

SOVALOV, I.G., kand. tekhn.nauk; ROZENBOYM, L.S., inzh.; KUCHEROVSKIY, [illegible].A., inzh.; RAYSKAYA, A.L., inzh.; OSMAKOV, S.A., kand. tekhn. nauk; BRAUDE, F.G., inzh.; FINKINSHTEYN, B.A., inzh., red.

[Methods of molding precast concrete products] Metody formovaniia sbornykh zhelezobetonnykh izdelii. Moskva, Gosstroiizdat, 1963. 49 p. (MIRA 17:9)

1. Moscow. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. 2. Rukovoditel' laboratorii betonnykh i zhelezobetonnykh rabot Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu, Moskva(for Sovalov). 3. Laboratoriya betonnykh i zhelezobetonnykh rabot Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu, Moskva (for Rozenboym, Kucherovskiy, Rayskaya). 4. Sotrudniki Vsesoyuznogo nauchno-issledovatel'skogo instituta gidrotekhnicheskikh i sanitarno-tekhnicheskikh rabot(for Osmakov Braude).

SAVINOV, O.A., doktor tekhn.nauk; BRAUDE, F.G., inzh.; MAMONTOV, I.I., inzh.; OSMAKOV, S.A., kand.tekhn.nauk

Ways of improving vibration tables for molding reinforced concrete products. Trudy NIIZHB no.33:126-141 '64. (MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut pionerskikh i sanitarno-tekhnicheskikh rabot.

OSMAKOV, S.A. (Leningrad); PECHERSKAYA, Sh.L. (Leningrad)

Calculation of the vertical vibrations of the foundation under the influence of impulsive periodic charging. Dan., fund. i mekh. grun. 5 no.5:26-27 '63. (MIRA 16:10)

OSIPKOVA, M. M.

USSR / Farm Animals. Cattle.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7356

Author : Guliy, M. P.; Pshenichnyy, P. D.; Vasilenko, D. Ya.; Belyakova, M. K.; Zhadan, A. P.; Kurbatov, V. I.; Osipkova, M. M.; Shiz-dash, D. Ya.; Shevchenko, V. I.

Inst :

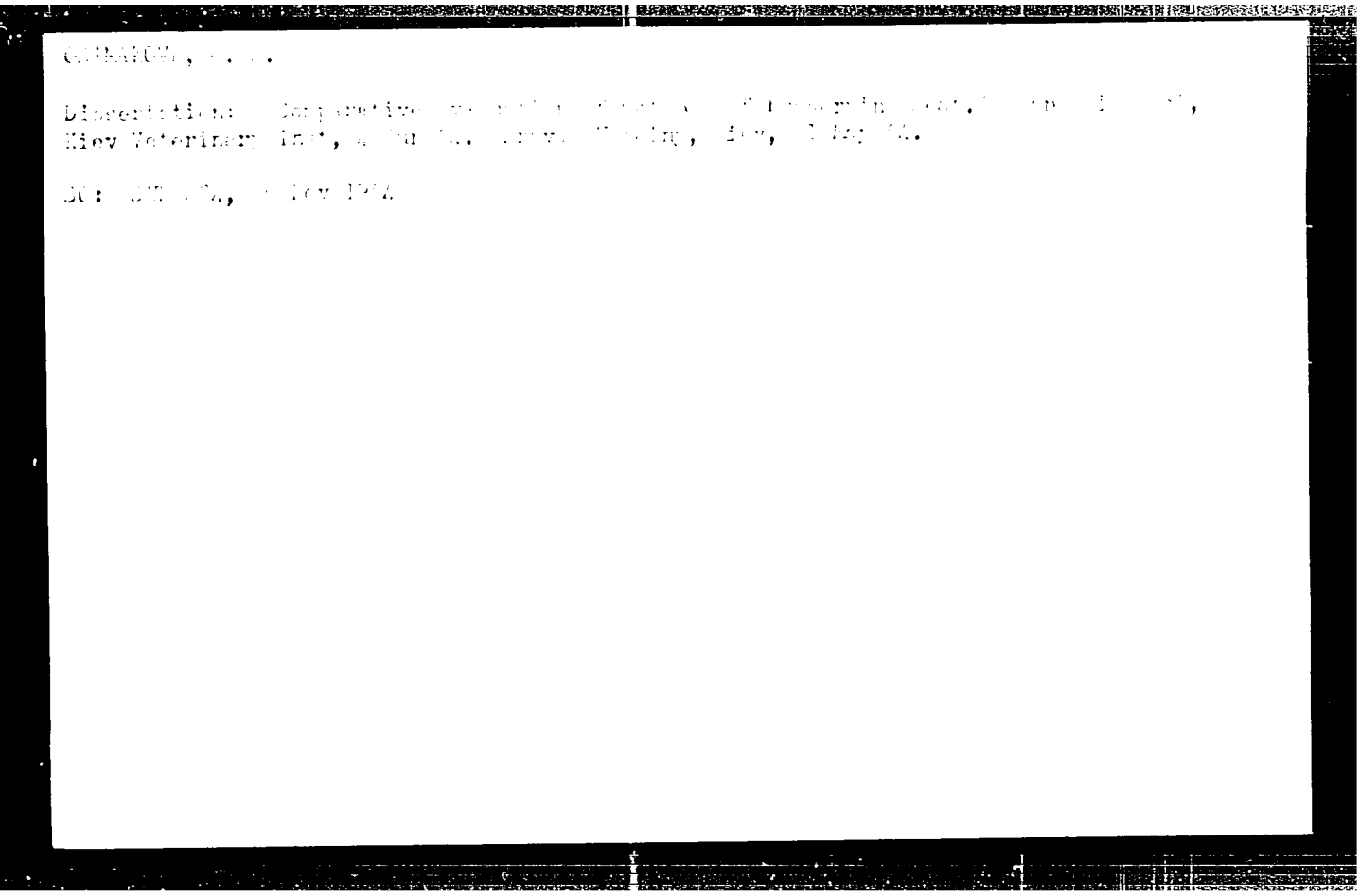
Title : Ways of Raising the Milk's Fat Content in Cows

Orig Pub : Vestn. s.-kh. nauk, 1957, No 9, 41-50

Abstract : In repeated experiments it was established that when brewer's yeast (1.5 liters per head daily) was temporarily fed to cows, their milk's fat content became increased (by 0.4 percent on the average) for a comparatively long time. When they were fed brewer's yeast and then sulfuric acid amounts (60-75 g per cow daily), the milk's average fat content was additionally increased by 0.20-0.25 percent.

Card 1/2

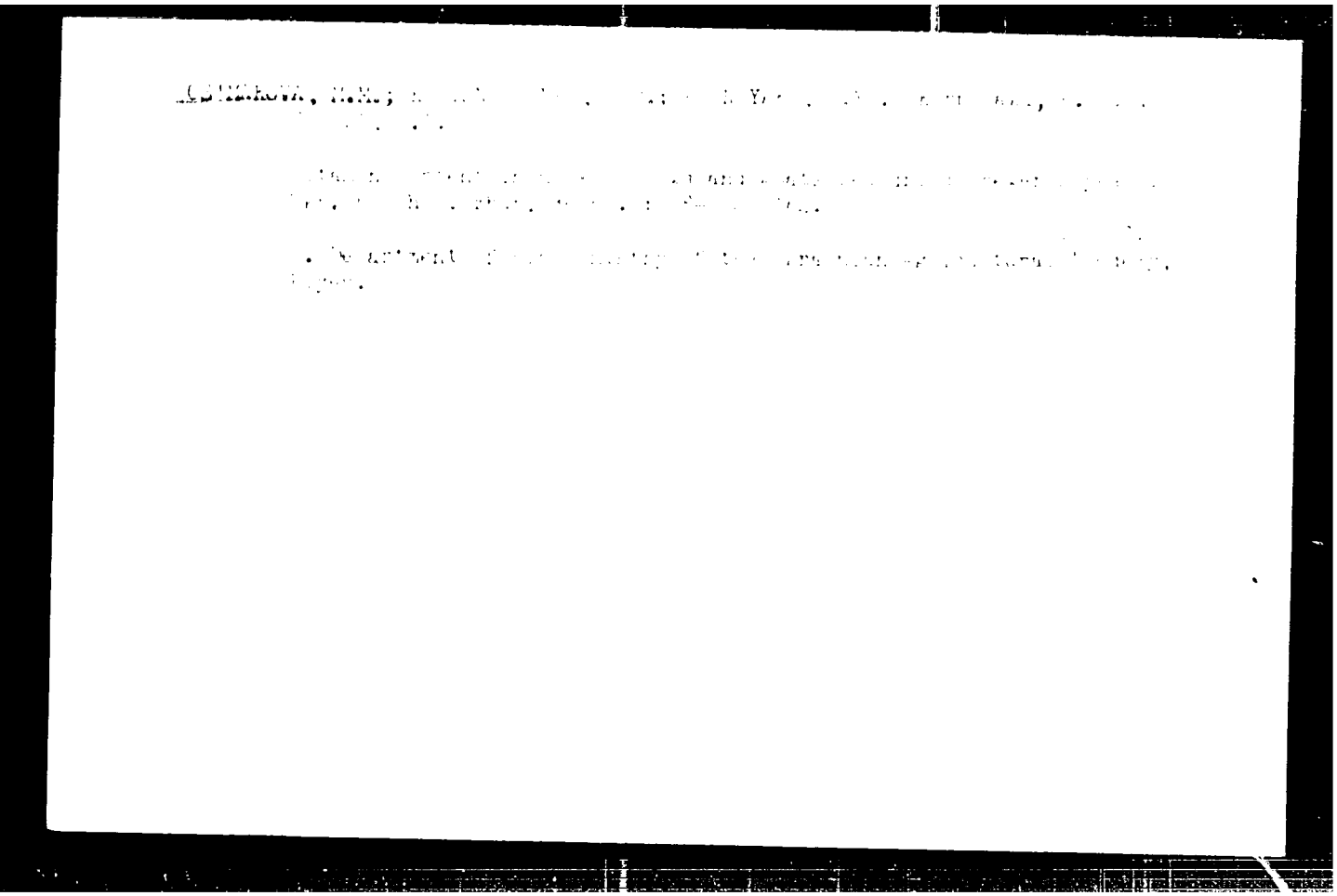
Card 2/2

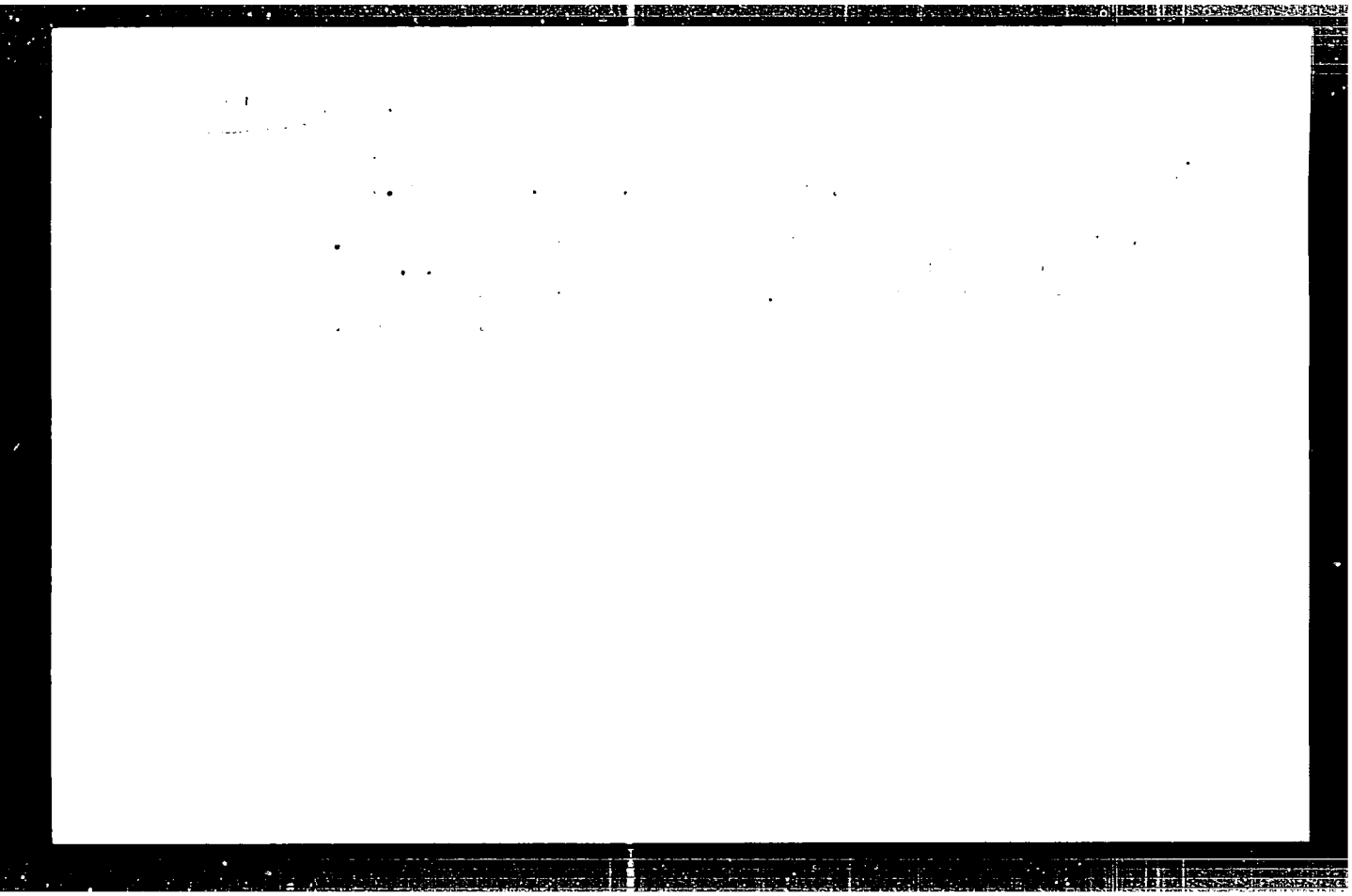


OS'MAKOVA, M. M.

The nutritional content of cotton seed meal of the Southern Region of the Ukrainian S.S.R. M. M. Os'makova and L. M. Kolesnichenko. *Trudy Kiev. Vet. Inst.* 12, 103-5 (1955); *Referat. Zhur. Khim., Biol. Khim.* 1955, No. 16917. —Results are presented for the contents of ash, cellulose, fat, protein, and nonprotein N in cottonseed meal of the Ukrainian S.S.R. It was shown that Ukrainian cottonseed meal is somewhat richer in cellulose and poorer in proteins than samples of Uzbek cotton-seed meal. B. S. L.

(2)





APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

MARCHENKO, N.A.; RAYBER, Z.S.; LIPKO, S.K.; OS'MAKOVA, V.T.; KRYMER, S.Ye.; LOMEKHOV, A.S.; STREL'NIKOVA, N.I.; KORCHEMNAYA, Ye.K.; NAUMOVA, V.I.

Exchange of experience. Zav.lab. 28 no.10:1192-1193 '62. (MIRA 15:10)

1. Khar'kovskiy politekhnicheskiy institut imeni Lenina (for Marchenko, Rayber, Lipko). 2. Severnyy nikel'nyy kombinat (for Kreymer, Lomekhov). 3. Noril'skiy gorno-metallurgicheskiy kombinat imeni A.P. Zavenyagina (for Strel'nikova). 4. Institut geokhimii i analiticheskoy khimii imeni V.I. Vernadskogo (for Korchemnaya, Naumova).

(Chemistry, Analytical)

L 57469-65 EWT(1)/EWA(h) Peb GW

ACCESSION NR: AR5013960 UR/0169/65/000/004/G023/G023
624.131.551.1

A
B

AUTHOR: Shorik, K.A.; Os'makova, Z.A.

TITLE: Comparison of the spectra of tremors in varied soils, based on the recordings of weak earthquakes

SOURCE: Ref. zh. Geofizika, Abs. 4G128

CITED SOURCE: Sb. Inzh. seysmologiya. No. 1-2. Dushanbe-Leninakan, 1964, 57-62

TOPIC TAGS: earth tremor, surface earth tremor, earthquake, tremor frequency spectrum, seismic tremor, weak earthquake

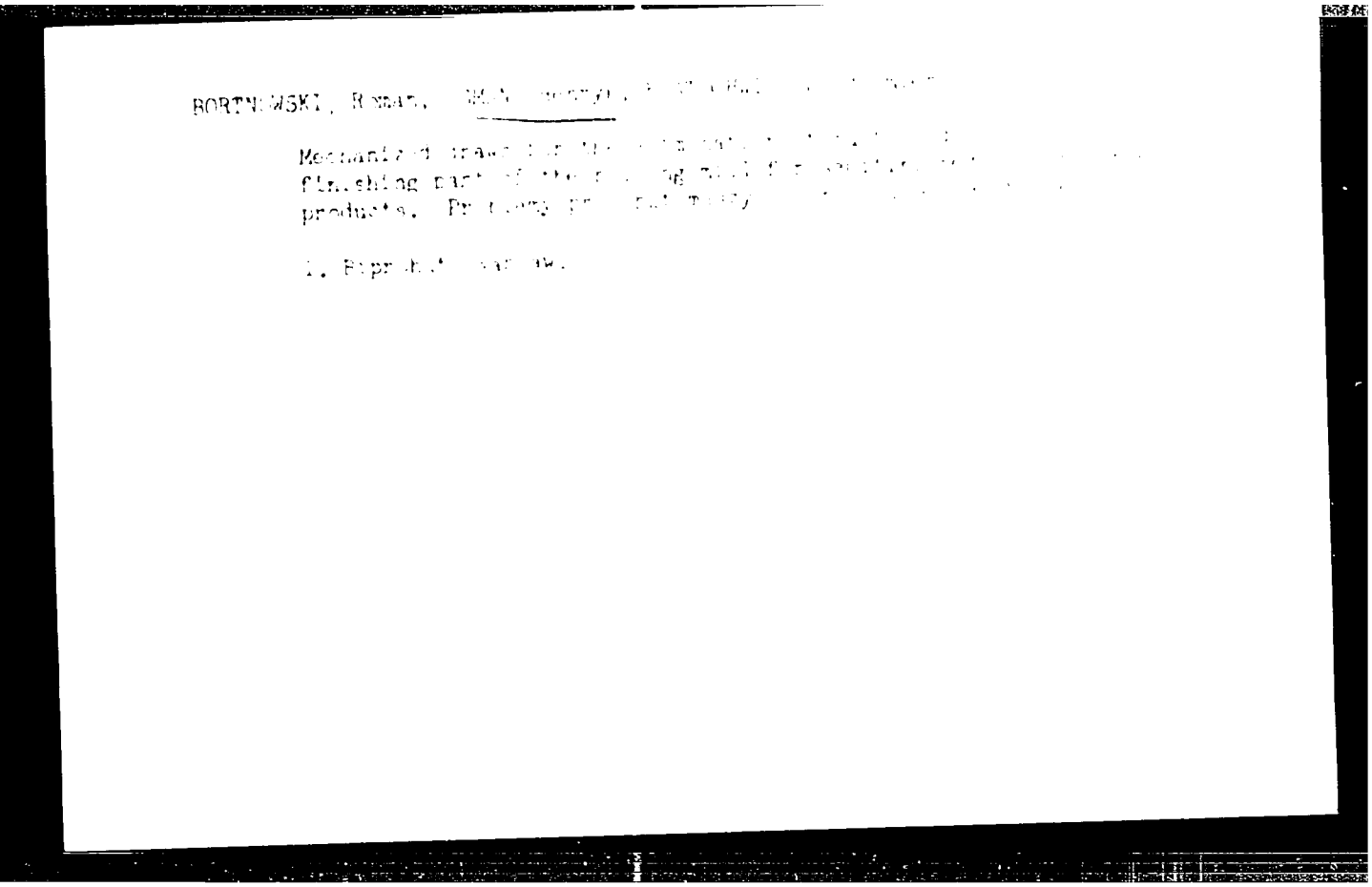
ABSTRACT: A study was made of N = f(T) frequency spectra (where N is the frequency of recurrence recorded during period T) of soil surface tremors during weak earthquakes as dependent on soil conditions, and for specific soils, as dependent

Card 1/2

L 57469-65

ACCESSION NR: AR5013960

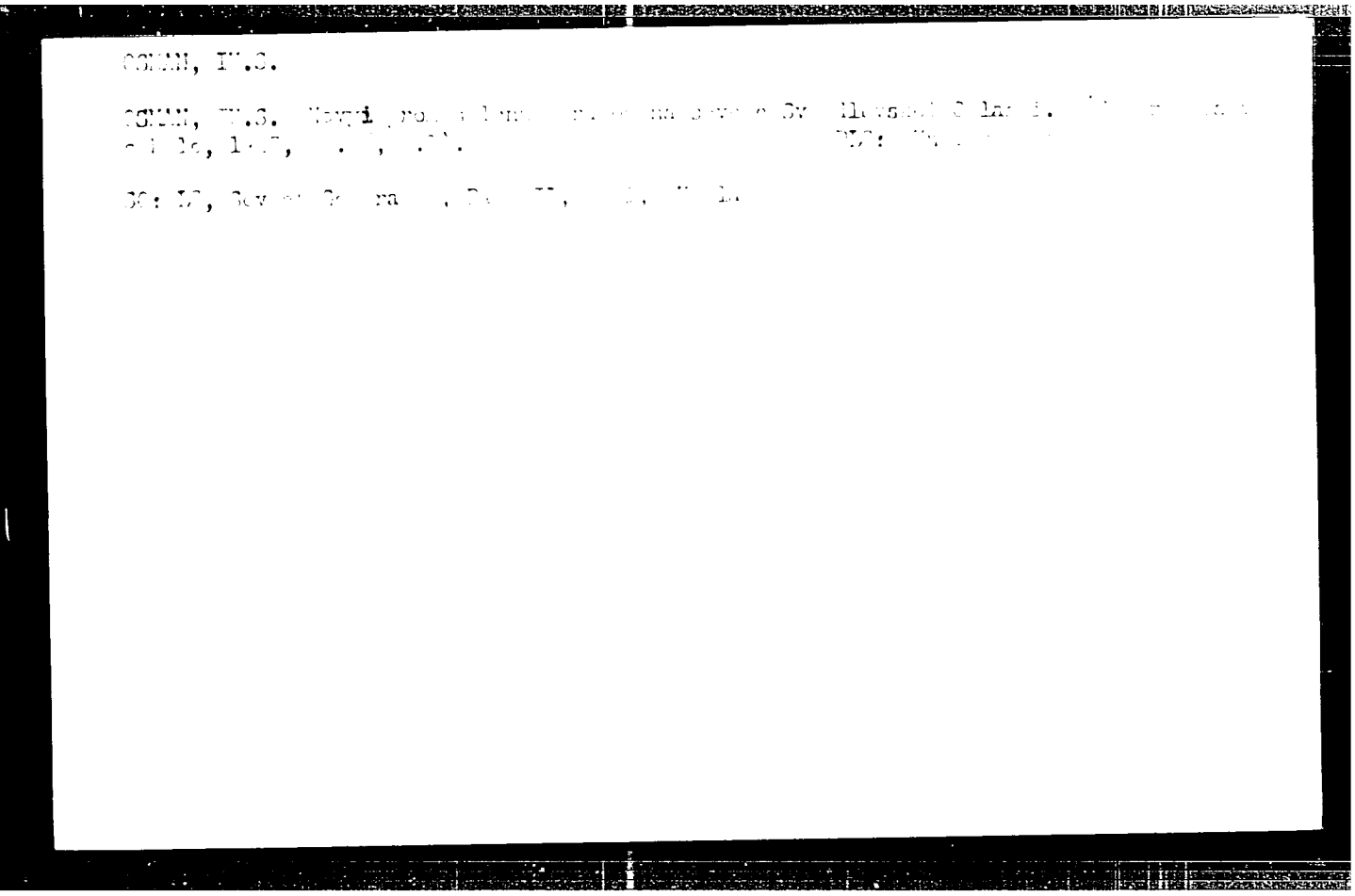
ferences in the geological structure, remains unchanged with transition from light to heavy tremors. Also observed was a deviation in the low-frequency part of the frequency-spectrum maxima by 0.1 - 0.3 sec, when the energy in the focus was increased by an average of 4 orders of magnitude. There was no indication that the epicentral distance and the depth of the focus, in the observed range of values, affected the spectra of the tremors. O. Lyamzina



BORTNOWSKI, Roman.

Mechanical [illegible]
finishing [illegible]
products. [illegible]

1. [illegible]



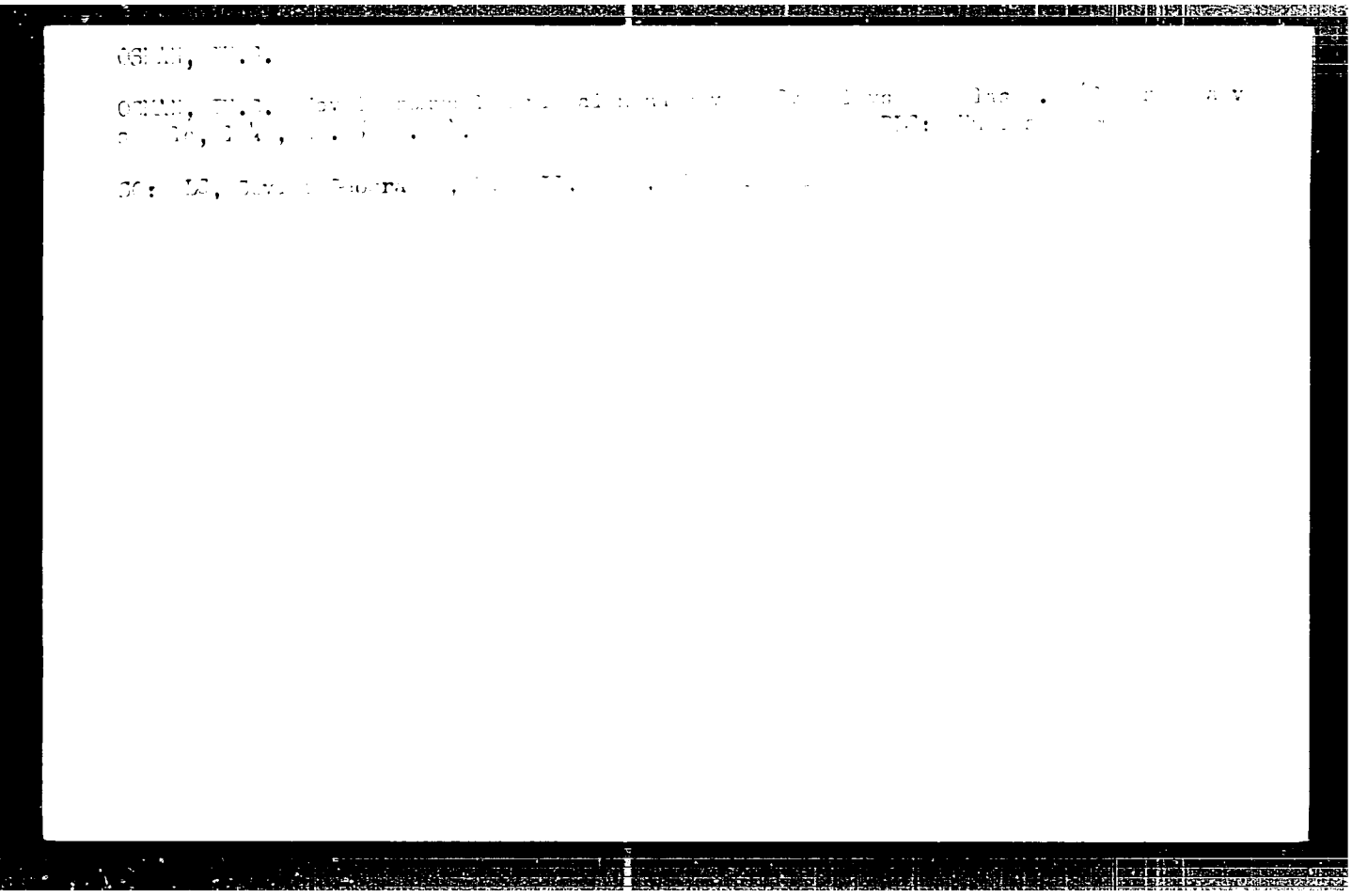
OSMAN, IU. S.

OSMAN, IU. S. Novyi promyshlennyi raion na severe sverdlovskoi oblasti. (Geografiia v shkole, 1947, no. 5., p. 1.) DLC: Unclass.

SO: LC, Soviet Geography, Part I, 1951, Uncl.

OSMAN, Yus.

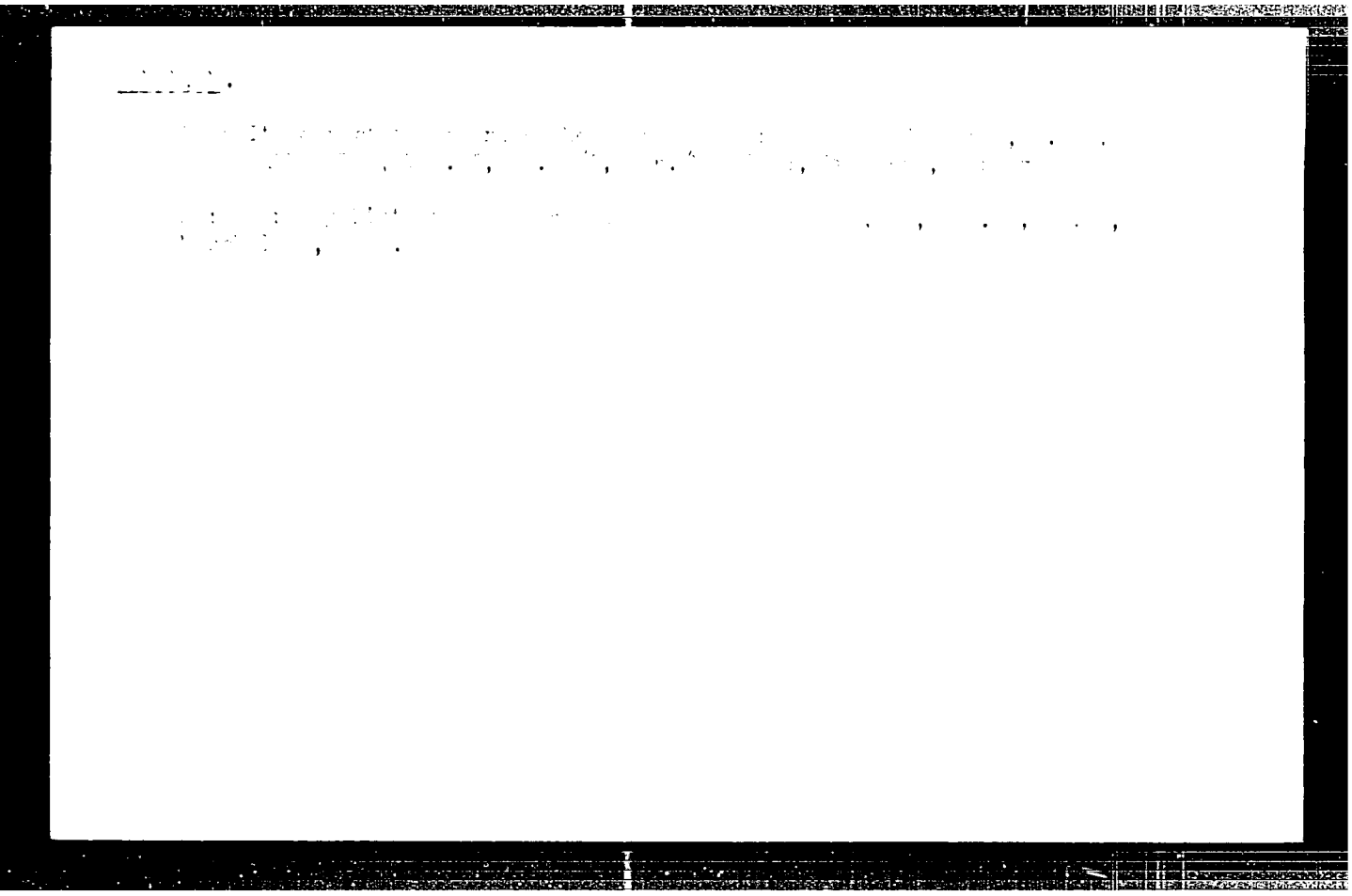
Concreteness in geography teaching. Geog. v shkole no.3:43-46 My-Je '47. (MLRA 9:6)
(Geography--Study and teaching)

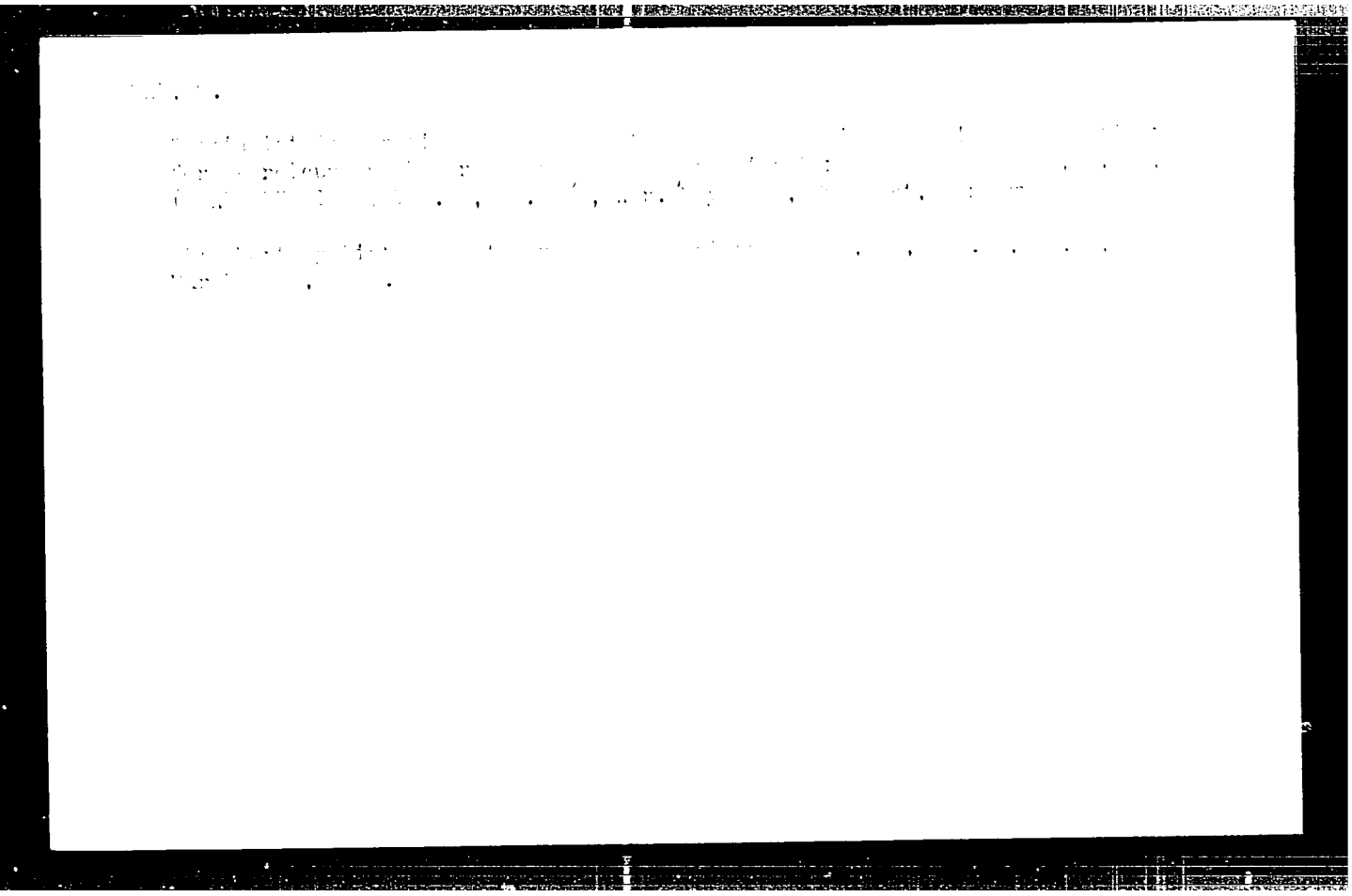


OSMAN, ".

Establishing a numerical system for the Unified List of Products and its application to the products of the brew industry. p. 117.
Vol 5, no. 7/8, July/Aug. , 1 5?. [illegible]. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 195[illegible]





APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSMAN, M.

TECHNOLOGY

PERIODICAL: GEP. Vol. 10, no. 4, Apr. 1958

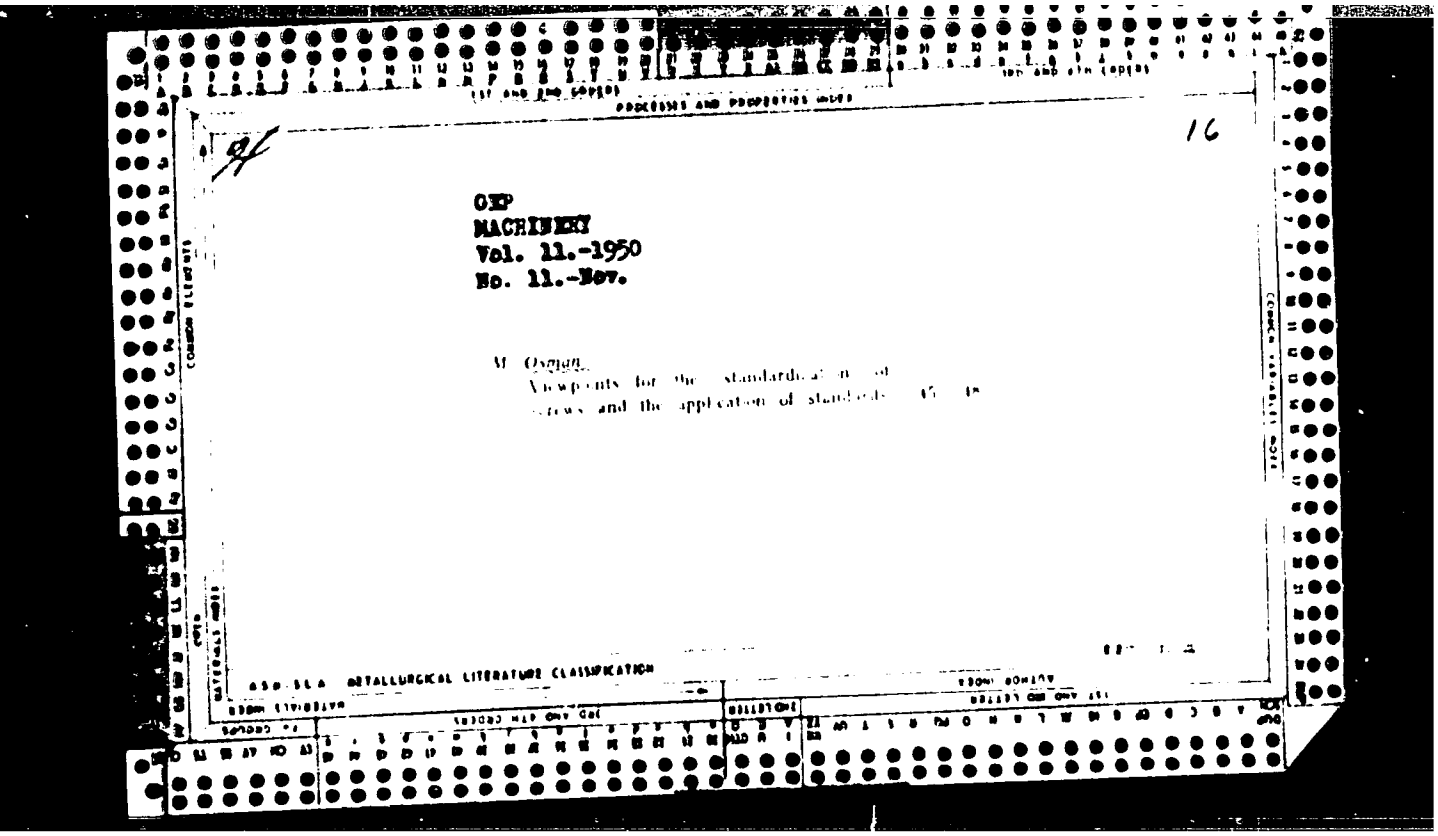
Osman, M. Present situation in the field of international standardization of threads. p. 127.

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

RADULESCU, G.A.; OSMAN, Maria

Diesel fuels from the Rumanian crude oils. Petrol si gaze 13 no.8:370-379 Ag '62.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238



OXP
MACHINERY
Vol. 11.-1950
No. 11.-Nov.

M Oxygen
Viewpoints for the standardization of
screws and the application of standards

OSMAN, M.; ZOMBORY, J.

Ecnomic technology of automati lathes.

p. 198 (Gep) Vol. 9, No. 5, July 1957, Budapest, Hungary

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

[illegible]MAN, Miklos

Technologic [illegible] aspects [illegible] designing cold upsetting tool. Gepgyartastechn no. 6:[illegible] '61.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

CSMAN, Miklos; KOBL, Emil

International standardization of screws. Szabvany vol. 13 no.?: 180-183 '6 '(.

OSMAN, Miklos

Prestressed insertion of cold-worked tools. Ge gyartastechn 4 no. 2:84-90 '64.

MEDNIK, G.L., dotsent; OSMAN, Z.I.

Effect of cortisone on the passage of sulfanilamide into the fluid of pleural exudate. Pat. fiziol. i eksp. terap. 8 no.5:56-59 S-O '64. (MIRA 18:12)

1. Kafedra farmakologii (zav. - dotsent G.L.Mednik; konsul'tant prof. I.A.Oyvin) Tadzhikskogo meditsinskogo instituta imeni Avitsennyy, Dushanbe. Submitted February 28, 1963.

OSMAN-ZADE, Sh.D.; VARDANYAN, A.T.

Equilibrium potential of a [illegible] electrode in [illegible] solutions. Elektrokhimiia . no. [illegible] Ja '[illegible]

(MIRA [illegible])

1. Institut fizicheskoy khimii AN SSSR, Moskva. Submitted February 25, 1965.

OSMANAGIC, Izet, asist. d-r

Twin pregnancy in uterus bicornis. Med.arh., Sarajevo 14 no.7:95-99 Ja '61.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Sarajevu (Sef: prof. d-r Milenko Beric)
(UTERUS abnorm)
(PREGNANCY MULTIPLE)

OSMANAGIC, Izet, asis., dr.

Puncture of inflammatory adnexal tumors. Med. arh. 16 no.2:67-70 '62.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Sarajevu (Sef: prof. dr Milenko Beric)

(ADNEXITIS surg)

OSMANAGIC, Izet, dr.

Sterilization by the vaginal approach. Med. arh. 16 no.4:43-45 Ag '62.

1. Ginekolosko odjeljenje Opste bolnice u Zenici.
(STERILIZATION SEXUAL)

OSMANAGIC, Izet, dr.; IURICIC, Stojan, dr.

Intrauterine death of 1 twin. Med. arh. 17 no.6:65-69 [illegible].

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Sarjevu (Sef: Prof. dr Jelka Knezevic-Svarc).

OSMANAGIC, Muris, dipl. inz.

Experiences in the application of double chain scraper coveyers. Rudar glasnik 1 11-28 '64.

1. Technical Director, Central-Bosnian Coal Mines, Zenica.

OSMANAGIC, Muris, dipl. inz.

Causes of the abonormally high quantities of methane in the Raspotocje pit of the Zenica Mine, and possibilities of their degasification even in the stage of pit opening and preparatory works. Rudar glasnik no.4:23-42 '63.

1. Tehnicki direktor Srednjebosanskih rudnika uglja, Zenica.

ROGINSKAYA, TS.A., dotsent; MAYERCHIK, A.A., kand.med.nauk; OSMANBEKOVA, V.Yu., assistent; VOLYNKIN, Ya.G., assistent

In memory of Professor Abram L'vovich Brudnyi. Vop.otorin. 21 no.6:118-119 N-D '59. (MIRA 13:4)
(OBITUARIES)

OSMANCZYK, Edmunt, publitsist.

From a journey through western Poland. Pol'.prof.obos. 16-19 Ja-Mr '53.
(MLRA 7:6)

(Oder-Neisse area--Description and travel)

KERTIKOVA, Zd., student; SILIANOVA, B., student; OSMANLIEVA, R., student; DASKALOVA, E., student

Distribution of tuberculosis among students of the I.P. Pavlov Medical Academy in Plovdiv. Suvrem. med., Sofia 5 no.12:25-30 1954.

1. Iz kruzhoka po ftiziologiia (rukovoditel: D. Dimitrov) i Klinikata po ftiziatriia pri Meditsinskata akademiia I.P. Pavlov (direktor: prof. As. Shopov)

(TUBERCULOSIS, epidemiology, in Bulgaria, in med. students)
(SCHOOLS, MEDICAL, tuberc. in med. students in Bulgaria)

OSMANLIYEV, P.D.

Intravital study of the bone marrow and bone tissue in osteomyelopoietic dysplasia. Probl.gemat.i perel.krovi no.2:14-20 '62. (MIRA 15:1)

1. Iz gematologicheskoy kliniki (zav. - prof. M.S. Dul'tsin) i patologoanatomicheskoy laboratorii (zav. - doktor med.nauk N.M. Nemenova) TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. - dotsent A.Ye. Kiselev) Ministerstva zdravookhraneneiya SSSR.
(LEUCOPENIA) (OSTEOMYELITIS)

OSMANLIYEV, P.D.

Normal histological picture of human bone marrow. Probl.gemat. i porol.krovi no.5:22-27 '61. (MIRA 14:9)

1. Iz gematologicheskoy kliniki (zav. - prof. M.S. Dul'tsin) i patologoanatomicheskoy laboratorii (zav. - doktor med.nauk N.M. Nemenova) TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A. Bagdasarov) Ministerstva zdravookhraneniya SSSR. (MARROW)

OSMANLY, Omer Musa; TOKARZHEVSIY, Ye., prof., red.

[Development of the Kirovabad industry during the years of the Soviet regime] Razvitie promyshlennosti Kirovabada za gody Sovetskoi vlasti. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 91 p. (MIRA 17:11)

Physico-chemical properties and structure of monocrystalline samples of $ZnSiAs_2$. A. A. Vaypolin, N. A. Goryunova, E. O. Osmanov.

Investigation of macrocrystalline $ZnSiP_2$. N. A. Goryunova, A. A. Vaypolin, Yu. V. Rud'.

Some properties and zone structure of the ternary compound $CdGeAs_2$. F. M. Gashimzade, N. A. Goryunova, E. O. Osmanov.

Electrical properties of monocrystalline samples of $ZnSnAs_2$. N. A. Goryunova, F. P. Kesamanly, D. N. Nasledov, Yu. V. Rud'.

Investigation of properties of $ZnGeP_2$ and $CdGeP_2$. N. A. Goryunova, N. K. Tkachareva, I. I. Tychina.

On the question of the existence of homogeneous many-component tetrahedral phases. G. K. Averkiyeva, A. A. Vaypolin, N. A. Goryunova.

X-Ray investigation of certain compounds of the type $A^{II}B^{IV}C_2^{VI}$. A. A. [illegible], E. O. Osmanov, Yu. V. Rud', I. I. Tychina, A. F. [illegible], [illegible] Shova, A. F. Zyevin'ch.

L 10367-63 EWT(1)/EWP(q)/EWT(m)/BDS/
EEC(b)-2--AFFTC/ASD/ESD-3--Pi-4--JD/JG

ACCESSION NR: AP3003914 B/0181/63/005/007/2031/2032

AUTHOR: Goryunova, N. A.; Kesamanly*, F. P.; Osmanov, E. O.

TITLE: Preparation and certain properties of single-crystal specimens of $CdGeAs_2$

SOURCE: Fizika tverdogo tela, v. 5, no. 7, 1963, 2031-2032

TOPIC TAGS: $CdGeAs_2$, single crystals, physical properties, mechanical properties, electrical properties, carriers, electrons, holes, mobility of carriers, effective mass of electrons

ABSTRACT: Single-crystal specimens of $CdGeAs_2$ have been prepared by an unidentified method, and their properties have been studied. The compound has the structure of chalcopyrite with the parameters a = 5.9427 Å, b = 11.2172 Å, and c/a = 1.8875 Å, all ± 0.0005 Å. It melts at 665C and has a microhardness of 471 ± 10 kg/mm². The forbidden energy gap at 300K is 0.53 ev. Electrical measurements were carried out with parallelepipedal specimens (1 x 3 x 10 mm); low-resistance contacts were realized by indium electrodes. The Hall mobilities of holes and electrons in samples with a carrier density of 10^{17} cm^{-3} at room temperature were 20 to 25 and 800 to 1000 $cm^2/vsec$, respectively. The thermoelectric power of an n-type sample at 300K was 190 μv/deg. The maximum possible value of

Card 1/2

L 10767-63

ACCESSION NR: AP3003914

the effective mass of electrons (m*) was evaluated as about 0.27 m_0. In view of the low value of m*, it can be assumed that the value obtained for the electron mobility is considerably lower than the possible value. This phenomenon can be associated with the presence of a great amount of compensated impurities. Compound $CdGeAs_2$ is being studied in more detail. "The authors thank T. N. Mamontova and A. A. Vaypolin for their assistance in determining the forbidden energy gap and identity period and D. N. Nasledov for his interest in and attention to the study."

ASSOCIATION: Fiziko-tekhnicheskiy institut im. A. F. Ioffe AN SSSR, Leningrad (Physicotechnical Institute AN SSSR)

SUBMITTED: 14Mar63 DATE ACQ: 15Aug63 ENCL: 00

SUB CODE: 00 NO REF SOV: 003 OTHER: 003

Card 2/2

OSMANOV, F.L.

Glass bracelets from Kabaly (from diggings in 1959-1961). Dokl. AN Azerb. SSR 19 no.1:63-65 '63. (MIRA 16:4)
(Kishlak Kabaly--Bracelets)

ACCESSION NR: AP4033143 S/0120/64/000/002/0179/0180

AUTHOR: Mekhtiyev, R. F.; Osmanov, E. O.; Rud', Yu. V.

TITLE: Outfit for growing single crystals of semiconducting compounds

SOURCE: Pribory* i tekhnika eksperimenta, no. 2, 1964, 179-180

TOPIC TAGS: crystal, single crystal, semiconductor, single crystal semiconductor, crystal growing, semiconductor crystal growing

ABSTRACT: A special electric furnace for growing single crystals from substances with volatile components is briefly described. The substance, in a a quartz ampul 10 cm long and 14 mm in diameter, is placed in an electric furnace 40 cm long which has two resistance-wire windings. At 2 amp in the main winding the "hot end" of the ampul is heated to 1150C, temperature gradients of 5-15C/cm are obtained by automatically adjusting the current (1-5 amp) in the auxiliary winding. A differential thermocouple is used as a

Card 1/2

ACCESSION NR: AP4033143

sensor for the electronic temperature controller which regulates the auxiliary-winding current. Crystals of GaSe and other complex semiconductors, 8 x 10 x 60 mm in size were grown in the above furnace. "The authors wish to thank G. B. Abdullayev and N. A. Goryunova for their attention to the project." Orig. art. has: 2 figures.

ASSOCIATION: Fiziko-tekhnicheskiy institut AN SSSR (Physicotechnical Institute, AN SSSR); Institut fiziki AN AzerbSSR (Institute of Physics, AN AzerbSSR)

SUBMITTED: 02Apr63 ATD PRESS: 3082 ENCL: 00

SUB CODE: SS NO REF SOV: 002 OTHER: 000

Card 2/2

S/0048/64/028/006/1085/1089

ACCESSION NR: AP4041383

AUTHOR: Vaypolin, A.A.; Gashimzade, F.M.; Goryunova, N.A.; Kasamanly*, F.P.; Osmanov, E.O.; Rud', Yu.V., Nasledov, D. N. (Doctor of physico-mathematical sciences)

TITLE: Investigation of the physical-chemical and electric properties of crystals of some ternary semiconductor compounds of the $A^{II}B^{IV}C_2^V$ type [Report, Third Conference on Semiconductor Compounds held in Kishinev 16 to 21 Sep 1963]

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v.28, no.6, 1964, 1085-1089

TOPIC TAGS: semiconductor, electric conductivity, Hall effect, crystal structure, cadmium compound, zinc compound, carrier mobility

ABSTRACT: Single crystals of the following semiconductors were obtained and their properties were investigated: $CdGeAs_2$, $ZnSiAs_2$, $CdSiP_2$, $ZnSnAs_2$ and $ZnSiP_2$. The method of synthesis is not described. X-ray diffraction showed the specimens to be single crystals with the chalcopyrite structure. The crystallography of these materials is discussed briefly, and the lattice parameters, density, hardness and melting point are tabulated. Both p-type and n-type crystals of $CdGeAs_2$ were obtained. Only p-type conductivity was found in the other two arsenides, and only n-type in

Card 1/3

ACCESSION NR: AP4041383

$ZnSiP_2$. Results of conductivity and Hall coefficient measurements over the temperature range from 90 to 600°K are presented graphically for an n-type $CdGeAs_2$ crystal, a p-type $CdGeAs_2$ crystal, and several $ZnSnAs_2$ crystals with different but unspecified impurity contents. The Hall coefficient of the n-type $CdGeAs_2$ was independent of temperature, and the conductivity increased with increasing temperature above about 150°K. The concentration of conduction electrons was approximately 10^{17} cm^{-3} and their mobility was 10^3 $cm^2/Vsec$. With the aid of thermoelectric measurements, the effective mass was estimated to be 0.027 electron masses. The Hall coefficient of the p-type $CdGeAs_2$ decreased rapidly with increasing temperature above 200°K and changed sign at 520°K. Neither the conductivity nor the Hall coefficient of the $ZnSnAs_2$ crystals varied greatly with temperature. The Hall coefficient exhibited a maximum at about 200°K which became less pronounced and shifted toward higher temperatures with increasing impurity content. This is ascribed to conduction in the impurity band. The band structure of the materials is discussed. The effective masses of the carriers in the conduction band and the V_2 and V_3 valence bands were calculated, and these and the gap energy are tabulated. All these quantities increased with decreasing molecular weight. The energy gap ranged from 0.53 to 2.5 eV, and the effective masses from 0.020 to 0.096, 0.035 to 0.19, and 0.12 to 0.49 electron masses for the C, V_2 and V_3 bands, respectively. Orig.art.has: 1 formula, 6

Card 2/3

ACCESSION NR: AP4041383

figures and 2 tables.

ASSOCIATION: Fiziko-tekhnicheskiy institut im.A.F.Ioffe Akademii nauk SSSR (Physico-technical Institute, Academy of Sciences, SSSR)

SUBMITTED: 00 ENCL: 00

SUB CODE: SS,IC NR REF SOV: 007 OTHER: 006

Card 3/3

ACCESSION NR: AP4016508 S/0020/64/154/005/1116/1119

AUTHORS: Vaypolin, A.A.; Goryunova, N.A.; Osmanov, E.O.; Rud' Yu. V.; Tret'yakov, D.N.

TITLE: Investigating $ZnSiP_2$, $CdSiP_2$, and $ZnSiAs_2$ crystals

SOURCE: AN SSSR. Doklady*, v. 154, no. 5, 1964, 1116-1119

TOPIC TAGS: high melting compound, forbidden zone, chalcopyrite, Debye crystallogram, right prism, phosphide crystal, xray diffraction, lattice spacing, electronic mobility, anisotropy

ABSTRACT: The lack of information on the $ZnSiP_2$, $CdSiP_2$ and $ZnSiAs_2$ crystals prompted an investigation into their structure by the use of x-ray and electric measurements. The phosphide crystals are transparent and vary in color ranging from ruby color for the $ZnSiP_2$ to light red for the $CdSiP_2$. The anistropy of the internal

Card 1/3

ACCESSION NR: AP4016508

structure of these crystals is projected to their external appearance; the phosphide crystals are divided into hexahedral, pentahedral and trihedral, according to their lateral faces. They are resistant to a variety of acids and alkalis. Optical measurements have made it possible to determine the width of the forbidden zone of the crystals under consideration. These $ZnSiP_2$ and $CdSiP_2$ parameters have thus been defined for the first time. The width of the $ZnSiAs_2$ forbidden zone was found to be less than 2.1 ev. The microhardness of the phosphidesis somewhat greater than that of their binary analogues, and their width is larger than that of the forbidden zone of the same order. As for the arsenides, their microhardness is of the same order as that of their binary analogues, and their forbidden zone is narrower. "The authors are grateful to B.P. Zakharchene and G.A. Sikharulidze for their assistance in determining the width of the forbidden zone. In conclusion, the authors express their gratitude to F.M. Gashimzade for a discussion of the results." Orig. art. has: 3 figures and 2 tables.

Card 2/3

ACCESSION NR: AP4016508

ASSOCIATION: Institut fiziki Akademii nauk AzSSR (Institute of Physics AzSSR); Fiziko-tekhnicheskiy institut im. A. F. Ioffe Akademii nauk SSSR (Physico-technical Institute, Academy of Sciences SSSR)

SUBMITTED:	12Jul63	DATE ACQ:	12Mar64	ENCL:	00
SUB CODE	PH	NO REF SOV:	004	OTHER:	005

Card 3/3

L 33600-66 EWT(m)/EWP(e)/T/EWP(t)/ETI IJP(c) JD/WH

ACC NR: AR6016220 SOURCE CODE: UR/0058/65/000/011/E011/E011

AUTHORS: Goryunova, N. A.; Kesamanly, F. P.; Osmanov, E. O.; Rud', Yu. V.

TITLE: Crystalline and glass-like $CdGeAs_2$

SOURCE: Ref. zh. Fizika, Abs. 11E80

REF SOURCE: Sb. Fizika, Dokl. k XXIII Nauchn. konferentsii Leningr. inzh.-stroit. in-ta. L., 1965, 49-51

TOPIC TAGS: cadmium compound, crystal, glass property, germanium compound, arsenide

ABSTRACT: It is shown that when the melt is rapidly cooled, the compound $CdGeAs_2$ can be obtained in a glass-like state. The temperature dependence of the electron transport effects of this compound was investigated in the interval 100 - 750K. Relative characteristics of glass-like and crystalline $CdGeAs_2$ are presented. T.Volkov [Translation of abstract]

SUB CODE: 20/

Card 1/1

L 60924-65 EWT(1)/T/EEC(b)-2/EWA(h) IJP(c) GG/AT

ACCESSION NR: AP5018922 UR/0363/65/001/006/0885/0889 27
546.289'48'19 21

AUTHOR: Goryunova, N. A.; Kesamanly, F. P.; Osmanov, E. O.; Rud', Yu. V. B

TITLE: Study of certain properties of CdGeAs sub 2

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 6, 1965, 885-889

TOPIC TAGS: cadmium compound, germanium compound, arsenic compound, semiconductor 27 27 27 21

ABSTRACT: The article examines the crystal structure, phase transformations in the compound, and certain physical properties of $CdGeAs_2$ single-crystal samples. The compound was obtained from the elements by ordinary fusion. X-ray diffraction showed that its structure was that of chalcopyrite with constants a = 5.9427 ± 0.0005 A, c = 11.2172 ± 0.0005 A, and c/a = 1.8875. The region of homogeneity in the compound is very small, and thermal analysis showed the melting point to be at 665C. Quenching of molten $CdGeAs_2$ produced a glass (as in the case of $CdGeP_2$). Single-crystal n- and p-type samples of the compound were obtained. The electrical conductivity, Hall constant, the constant of the Nernst-Ettings-

Card 1/2

L 60924-65

ACCESSION NR: AP5018922

6

hausen transverse effect, and the thermoemf were studied between 100 and 750K. The Hall mobilities of the electrons and holes at 300K are respectively equal to 800-1000 and ~150 cm^2/V sec. The effective electron mass, $m^* = 0.027\ m_0$, was determined from the thermoemf and Hall effect. "The authors express their appreciation to A. A. Vaypolin, F. M. Gashimzade, and N. O. Lipovskaya." Orig. art. has: 3 figures and 1 table.

ASSOCIATION: Fiziko-tekhnicheskiy institut im. A. F. Ioffe (Physicotechnical Institute); Institut fiziki AN AzerbSSR, Baku (Institute of Physics, AN AzerbSSR)

SUBMITTED: 27Feb65 ENCL: 00 SUB CODE: 1C, SS

NO REF SOV: 009 OTHER: 005

Card 2/2

L 27847-65 EWP(e)/EWT(m)/EWP(t)/EWP(b) Pq-4 IJP(c) JD/WH

ACCESSION NR: AP5005896 S/0020/65/160/003/0633/0634

AUTHOR: Vaypolin, A. A.; Goryunova, N. A.; Osmanov, E. O.; Rud', Yu. V. 30 29 B

TITLE: New glassy compounds

SOURCE: AN SSSR. Doklady, v. 160, no. 3, 1965, 633-634

TOPIC TAGS: glass compound, vitreous compound, compound semiconductor, ternary compound, cadmium germanium arsenic compound, cadmium germanium phosphorus compound, phase transition

ABSTRACT: Quite unexpectedly, a glassy state has been discovered during a study of high-temperature phase transitions in $A^{II}B^{IV}C_2^V$ semiconductor compounds, especially in $CdGeAs_2$. A single-phase glass ingot of $CdGeAs_2$ and a thin glassy layer of $CdGeP_2$ were obtained from melts at a high cooling rate (over 200C/sec). The physical and electric properties of the glassy $CdGeAs_2$ were compared with those of the crystalline $CdGeAs_2$. A relatively small change in density on transition into the glassy state and a correspondence between the diffusion peaks of the x-ray diffraction patterns of both states would indicate a similar short-range order, i.e., no change in the diamond-type structure of the $CdGeAs_2$ crystals. Orig. art. has: 2 figures and 1 table. [JK]

Card 1/2